

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062997.D
 Acq On : 18 Aug 2020 20:17
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Quant Time: Aug 19 05:50:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	181457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	258321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	219649	102.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.26%	
35) Dibromofluoromethane	7.55	113	180721	104.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.40%	
50) Toluene-d8	10.06	98	720134	108.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.20%	
62) 4-Bromofluorobenzene	12.38	95	265993	113.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	226.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	249968	116.343	ug/l	99
3) Chloromethane	2.03	50	281492	113.139	ug/l	100
4) Vinyl Chloride	2.16	62	268723	111.683	ug/l	98
5) Bromomethane	2.50	94	160320	112.256	ug/l	98
6) Chloroethane	2.65	64	159492	112.270	ug/l	99
7) Trichlorofluoromethane	2.97	101	316148	105.361	ug/l	98
8) Diethyl Ether	3.37	74	113344	106.776	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	159616	98.718	ug/l	99
10) Methyl Iodide	3.91	142	233435	113.901	ug/l	99
11) Tert butyl alcohol	4.74	59	162618	533.833	ug/l	100
12) 1,1-Dichloroethene	3.69	96	153427	99.610	ug/l	98
13) Acrolein	3.57	56	36213	379.469	ug/l	97
14) Allyl chloride	4.27	41	284746	104.848	ug/l	99
15) Acrylonitrile	4.93	53	493120	550.759	ug/l	99
16) Acetone	3.78	43	353904	483.249	ug/l	99
17) Carbon Disulfide	4.00	76	428671	106.269	ug/l	98
18) Methyl Acetate	4.28	43	213276	99.792	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	594560	110.686	ug/l	100
20) Methylene Chloride	4.50	84	196202	81.253	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	169258	105.004	ug/l	99
22) Diisopropyl ether	5.90	45	662883	107.561	ug/l	99
23) Vinyl Acetate	5.84	43	2202718	529.658	ug/l	99
24) 1,1-Dichloroethane	5.80	63	351874	102.175	ug/l	99
25) 2-Butanone	6.79	43	621794	544.592	ug/l	99
26) 2,2-Dichloropropane	6.77	77	274604	101.391	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	216489	107.152	ug/l	99
28) Bromochloromethane	7.15	49	185682	103.047	ug/l	98
29) Tetrahydrofuran	7.17	42	416607	565.357	ug/l	99
30) Chloroform	7.33	83	360076	103.817	ug/l	100
31) Cyclohexane	7.61	56	346858	109.430	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	296580	104.740	ug/l	98
36) 1,1-Dichloropropene	7.75	75	253870	108.232	ug/l	99
37) Ethyl Acetate	6.88	43	237170	107.641	ug/l	99
38) Carbon Tetrachloride	7.73	117	251656	106.270	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	345660	124.714	ug/l	99
40) Benzene	8.00	78	813397	109.336	ug/l	99
41) Methacrylonitrile	7.17	41	370375	353.689	ug/l #	18
42) 1,2-Dichloroethane	8.09	62	266994	106.884	ug/l	99
43) Isopropyl Acetate	8.13	43	408710	112.246	ug/l #	92
44) Trichloroethene	8.80	130	198105	107.054	ug/l	96
45) 1,2-Dichloropropane	9.08	63	231986	107.879	ug/l	97
46) Dibromomethane	9.18	93	138486	111.476	ug/l	99
47) Bromodichloromethane	9.37	83	298638	109.756	ug/l	100
48) Methyl methacrylate	9.17	41	206153	119.660	ug/l	98
49) 1,4-Dioxane	9.17	88	84125	2505.028	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1350522	586.788	ug/l	100
52) Toluene	10.13	92	511937	114.074	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	328372	116.702	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	356078	115.360	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	209682	109.272	ug/l	99
56) Ethyl methacrylate	10.40	69	326587	126.035	ug/l	98
57) 1,3-Dichloropropane	10.68	76	352898	110.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	408287	657.417	ug/l	99
59) 2-Hexanone	10.72	43	971390	605.080	ug/l	100
60) Dibromochloromethane	10.88	129	235904	111.087	ug/l	100
61) 1,2-Dibromoethane	10.98	107	210890	114.377	ug/l	99
64) Tetrachloroethene	10.60	164	178603	105.181	ug/l	99
65) Chlorobenzene	11.41	112	560169	107.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	216061	107.071	ug/l	99
67) Ethyl Benzene	11.49	91	1030566	117.560	ug/l	100
68) m/p-Xylenes	11.60	106	772400	237.068	ug/l	99
69) o-Xylene	11.92	106	374114	119.574	ug/l	99
70) Styrene	11.94	104	671620	125.083	ug/l	99
71) Bromoform	12.10	173	181732	113.144	ug/l #	99
73) Isopropylbenzene	12.23	105	1004633	109.066	ug/l	100
74) N-amyl acetate	12.05	43	386640	117.199	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	314885	95.812	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	396259	149.576	ug/l #	100
77) Bromobenzene	12.50	156	265020	104.612	ug/l	100
78) n-propylbenzene	12.57	91	1200466	114.339	ug/l	100
79) 2-Chlorotoluene	12.65	91	706393	106.967	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	878798	115.411	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	107939	113.384	ug/l	98
82) 4-Chlorotoluene	12.75	91	744174	110.667	ug/l	99
83) tert-Butylbenzene	12.97	119	750807	114.241	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	880457	118.690	ug/l	100
85) sec-Butylbenzene	13.15	105	1016397	114.432	ug/l	100
86) p-Isopropyltoluene	13.26	119	916256	118.391	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	474211	108.919	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	472745	106.980	ug/l	99
89) n-Butylbenzene	13.59	91	779000	119.273	ug/l	99
90) Hexachloroethane	13.85	117	169229	102.877	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	450281	107.068	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	53473	115.268	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:46:25 2020
Response via : Initial Calibration

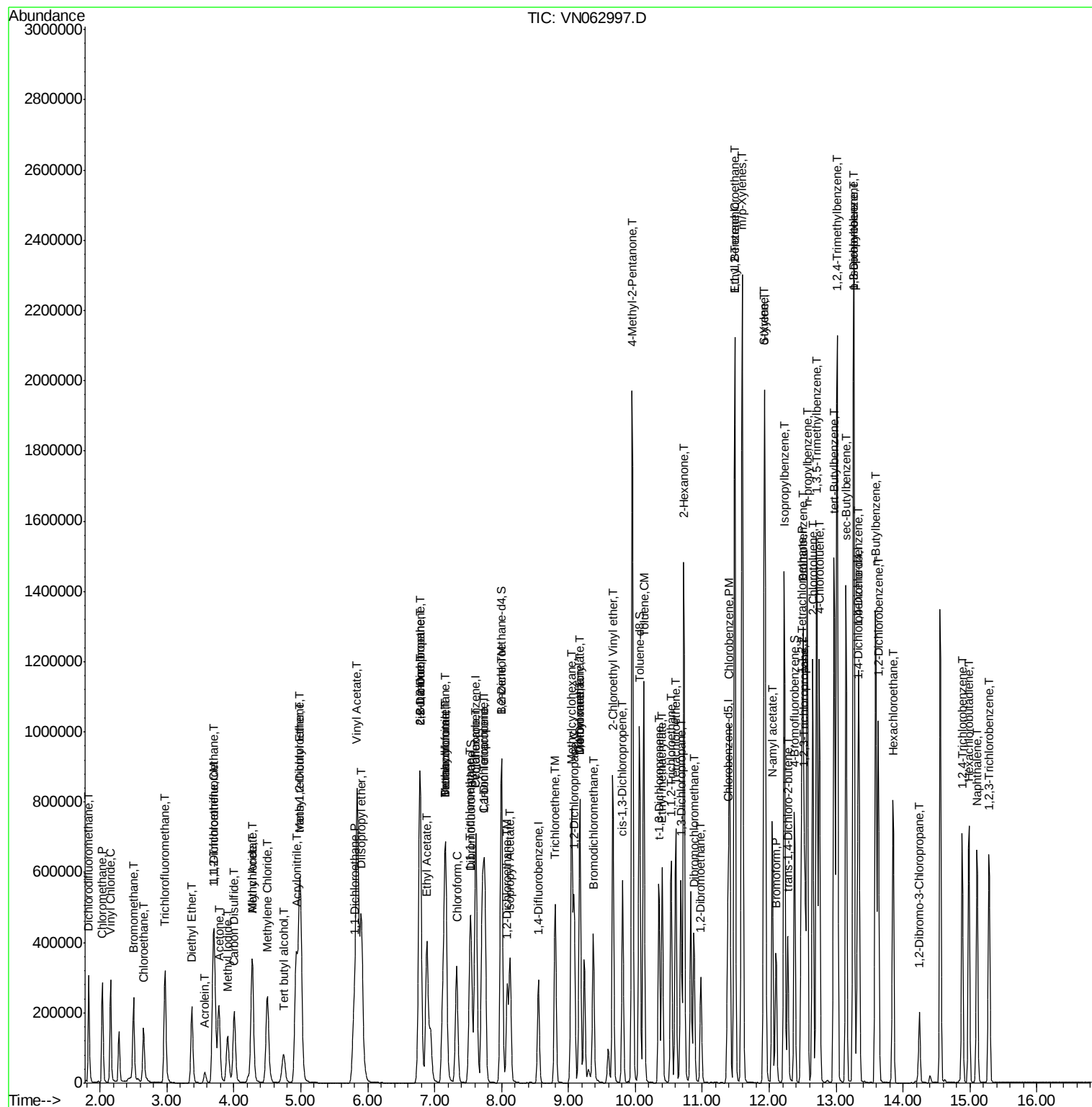
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	245796	133.765	ug/l	98
94) Hexachlorobutadiene	14.99	225	158762	102.160	ug/l	99
95) Naphthalene	15.10	128	573437	139.905	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	244473	132.475	ug/l	99

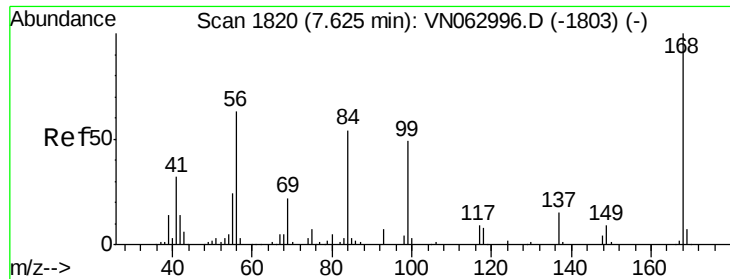
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

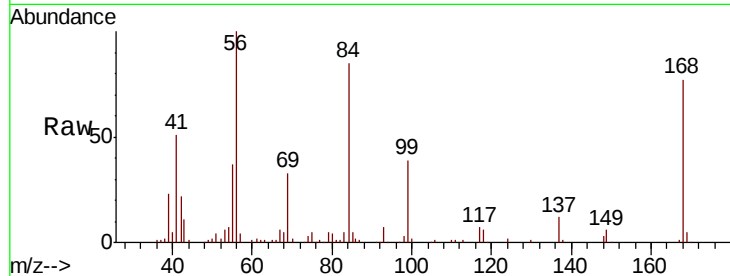
VSTDIC100

Tot Ion:168 Resp: 181457

Ion Ratio Lower Upper

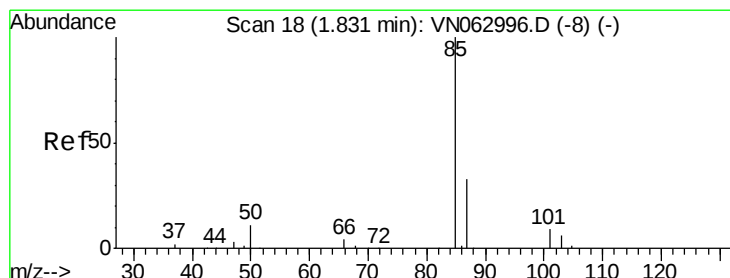
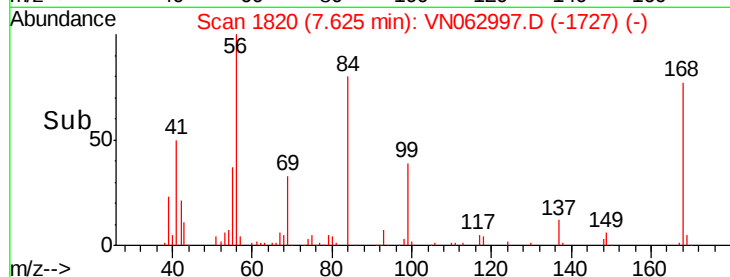
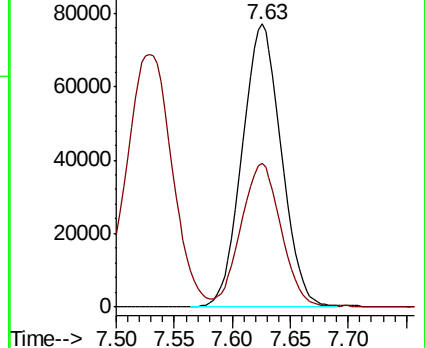
168 100

99 50.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 116.343 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062997.D

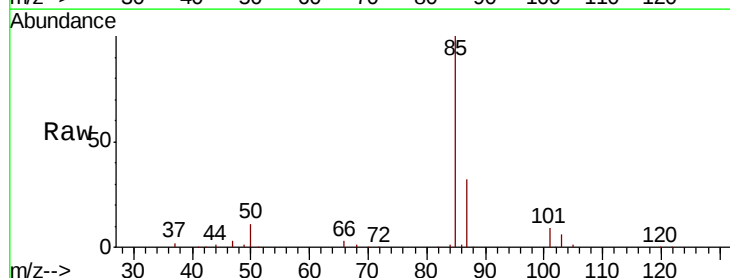
Acq: 18 Aug 2020 20:17

Tgt Ion: 85 Resp: 249968

Ion Ratio Lower Upper

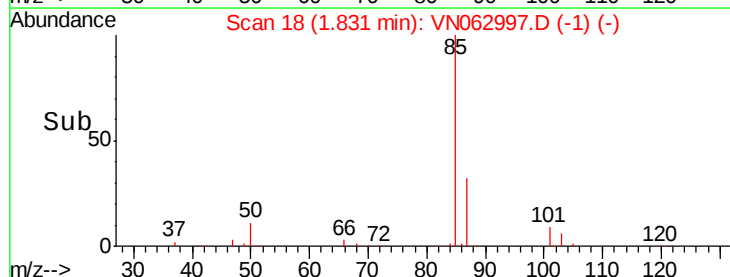
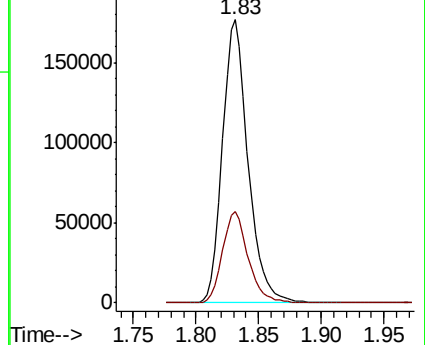
85 100

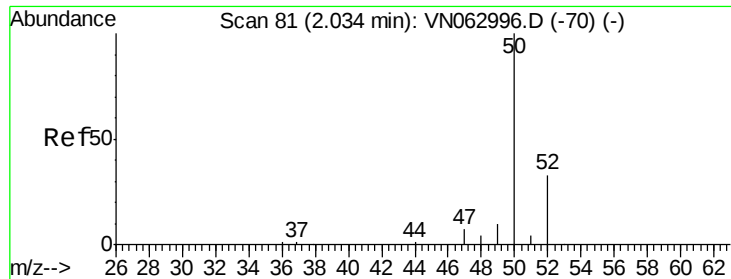
87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 113.139 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

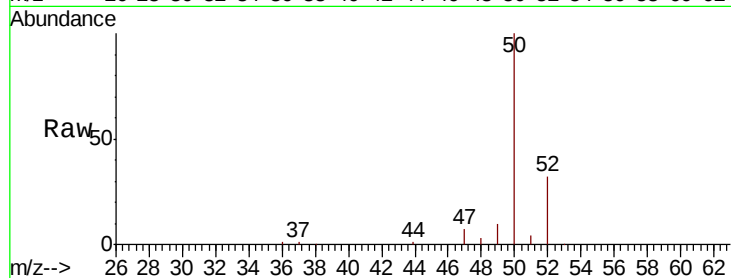
VSTDIC100

Tot Ion: 50 Resp: 281492

Ion Ratio Lower Upper

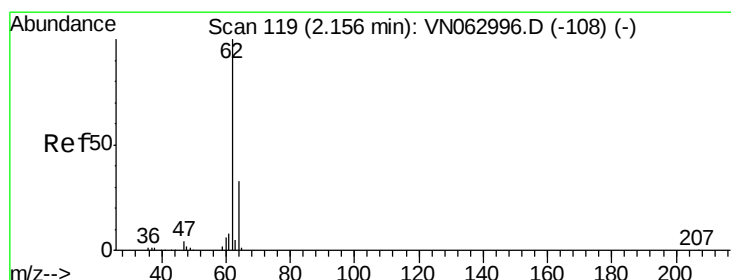
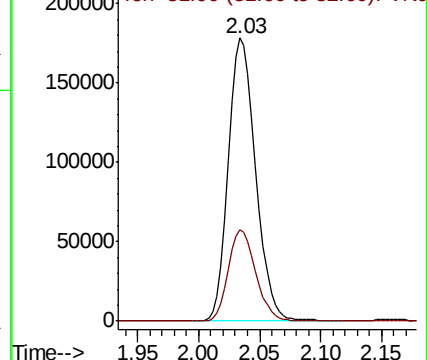
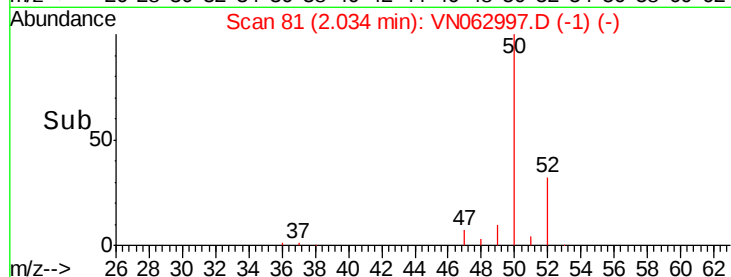
50 100

52 32.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN062997.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN062997.D (-1) (-)



#4

Vinyl Chloride

Concen: 111.683 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062997.D

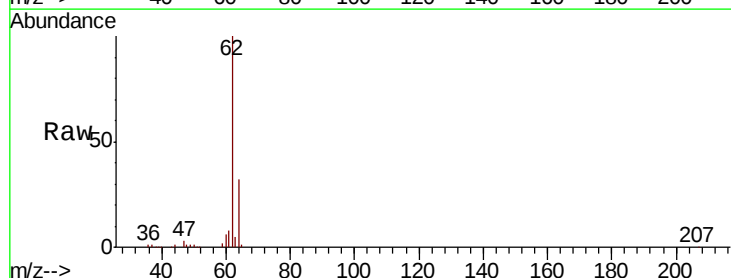
Acq: 18 Aug 2020 20:17

Tgt Ion: 62 Resp: 268723

Ion Ratio Lower Upper

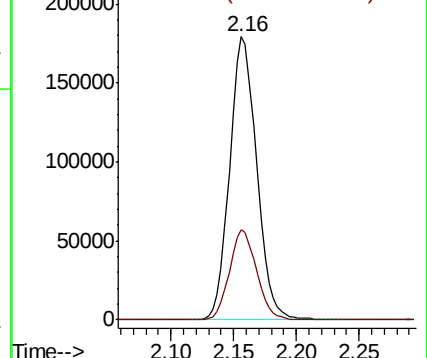
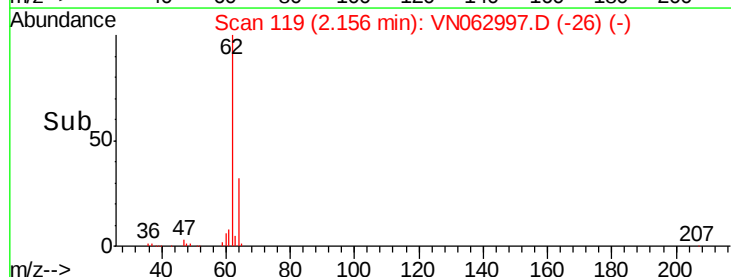
62 100

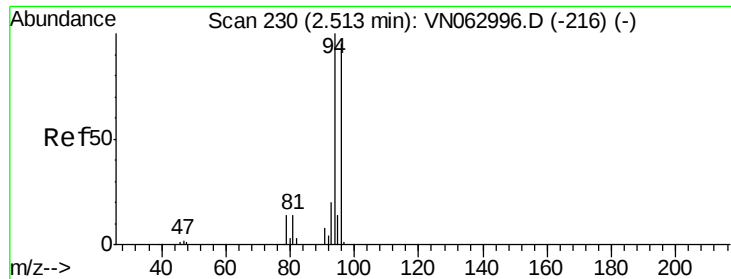
64 31.7 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN062997.D (-26) (-)

Ion 63.90 (63.60 to 64.60): VN062997.D (-26) (-)





#5

Bromomethane

Concen: 112.256 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.01 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

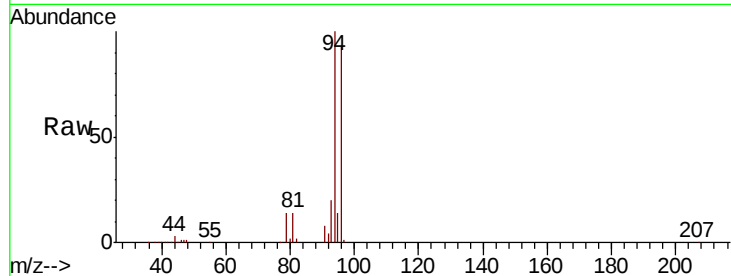
VSTDIC100

Tot Ion: 94 Resp: 160320

Ion Ratio Lower Upper

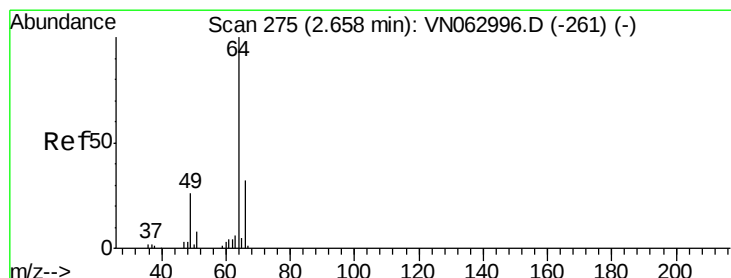
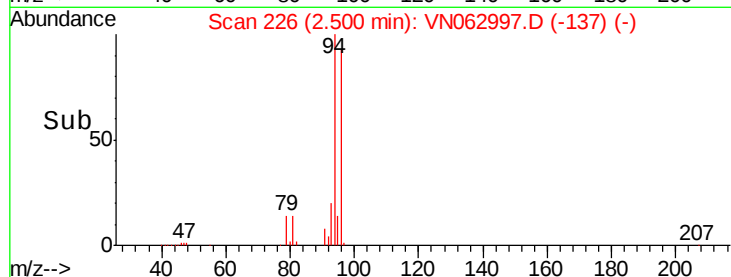
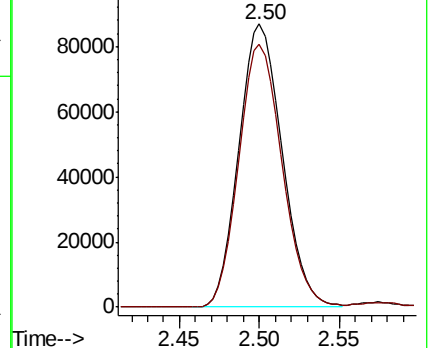
94 100

96 92.8 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN062997.D (-137) (-)

Ion 95.90 (95.60 to 96.60): VN062997.D (-137) (-)



#6

Chloroethane

Concen: 112.270 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.01 min

Lab File: VN062997.D

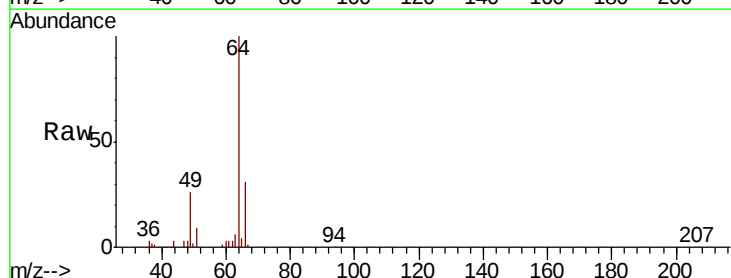
Acq: 18 Aug 2020 20:17

Tgt Ion: 64 Resp: 159492

Ion Ratio Lower Upper

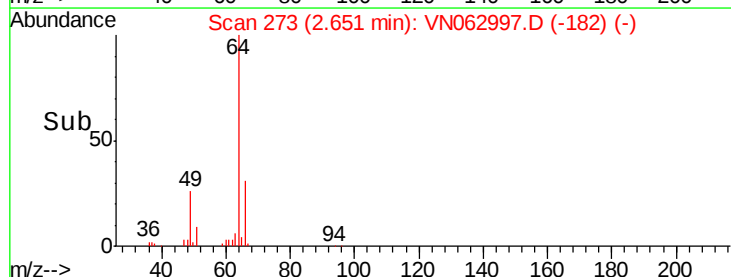
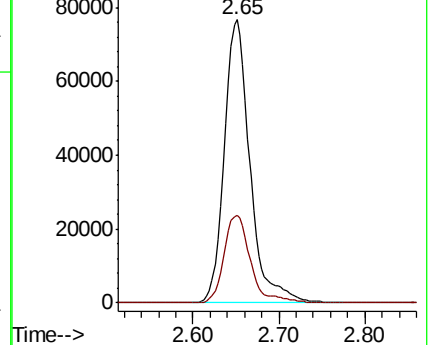
64 100

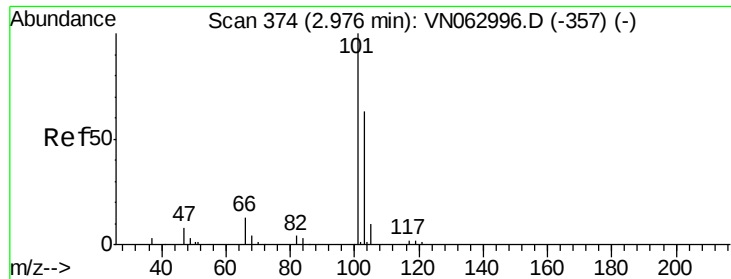
66 31.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN062997.D (-182) (-)

Ion 65.90 (65.60 to 66.60): VN062997.D (-182) (-)



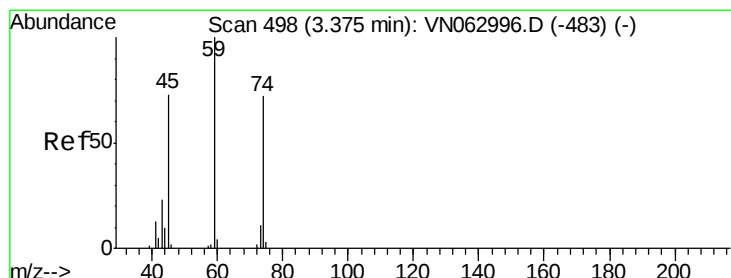
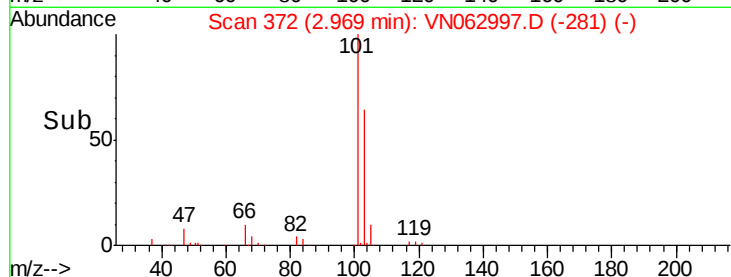
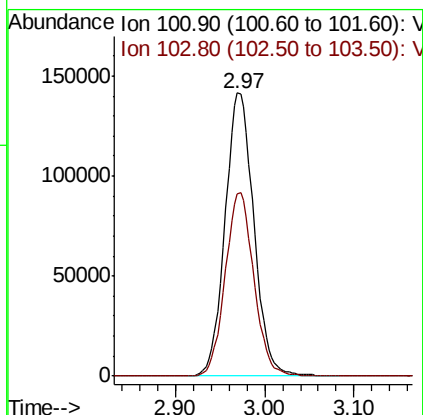
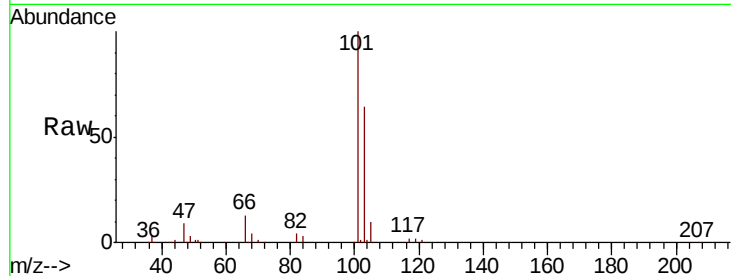


#7

Trichlorofluoromethane
Concen: 105.361 ug/l
RT: 2.97 min Scan# 372
Delta R.T. -0.01 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

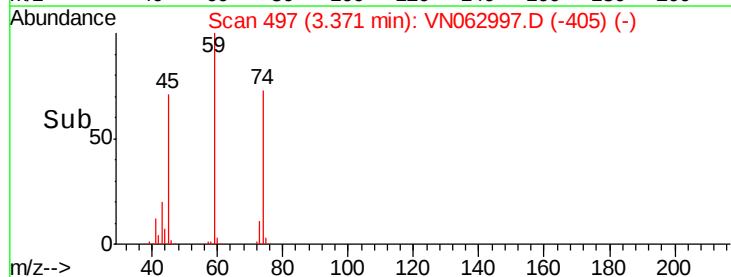
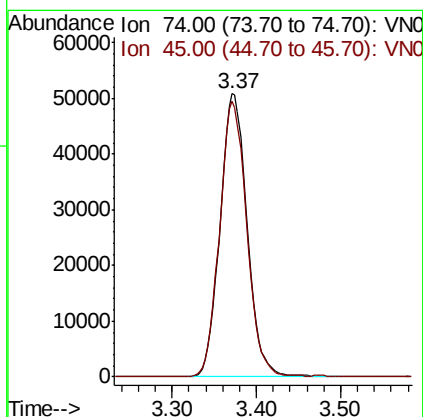
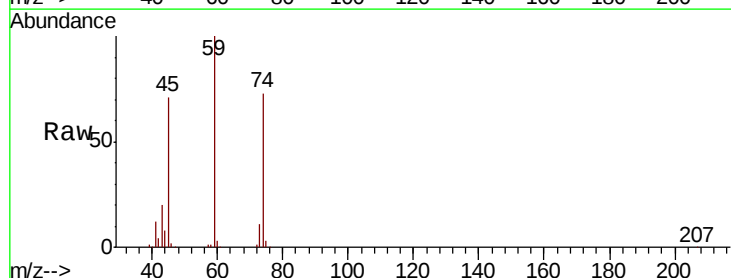
Tot Ion:101 Resp: 316148
Ion Ratio Lower Upper
101 100
103 64.3 50.5 75.7

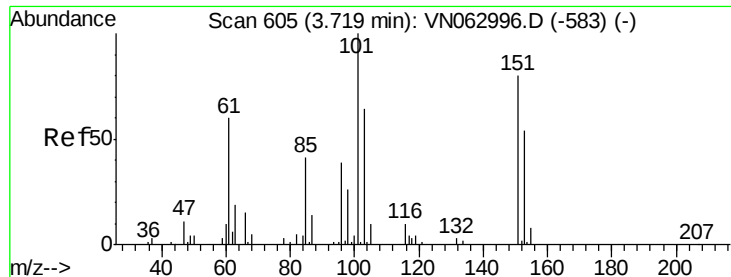


#8

Diethyl Ether
Concen: 106.776 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 74 Resp: 113344
Ion Ratio Lower Upper
74 100
45 97.5 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.718 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

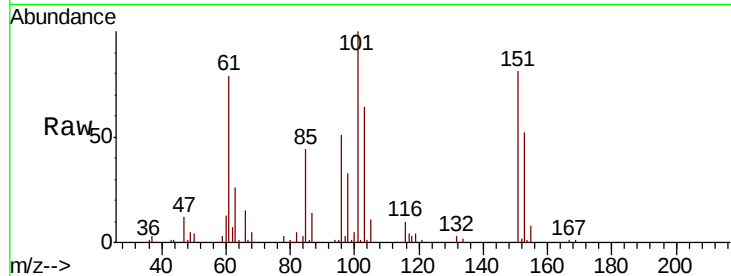
Tot Ion:101 Resp: 159616

Ion Ratio Lower Upper

101 100

85 42.4 34.0 51.0

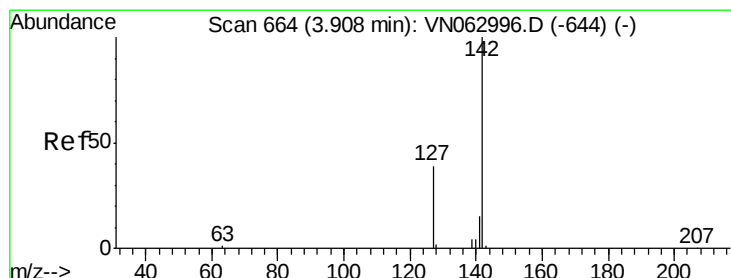
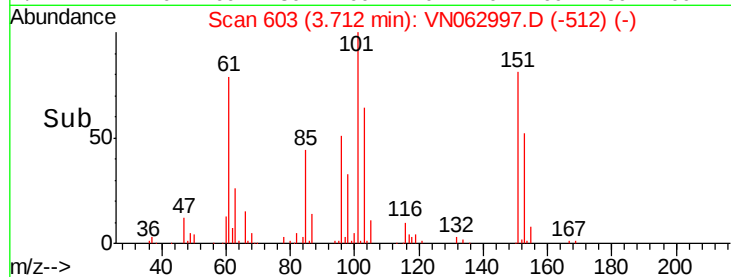
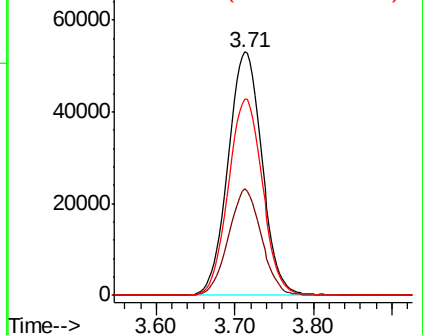
151 81.2 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 113.901 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

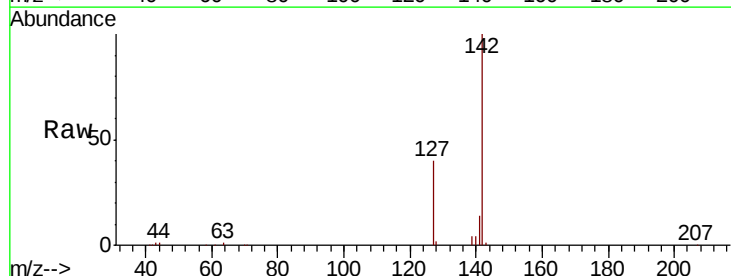
Tgt Ion:142 Resp: 233435

Ion Ratio Lower Upper

142 100

127 39.9 32.2 48.4

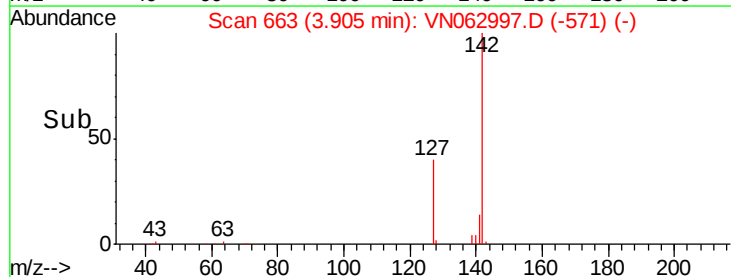
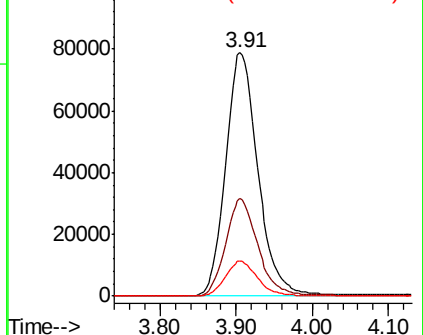
141 14.3 11.3 16.9

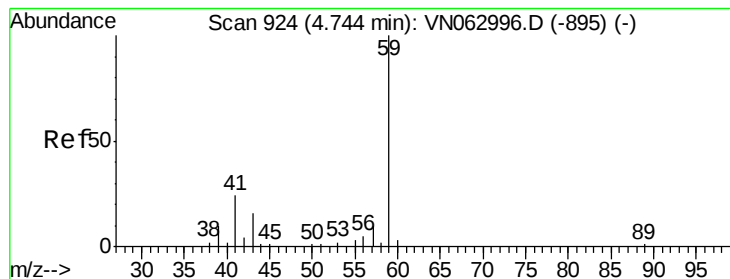


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



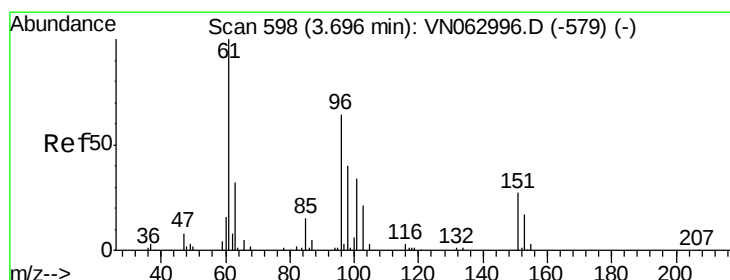
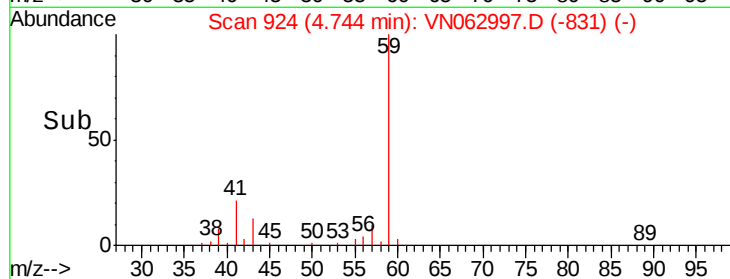
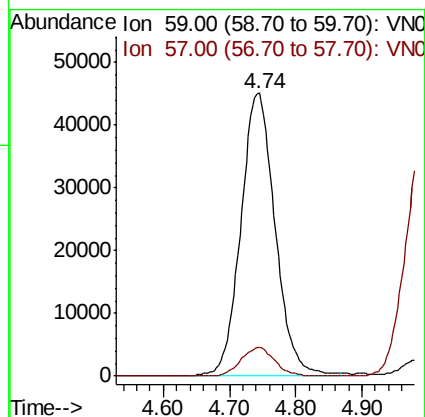
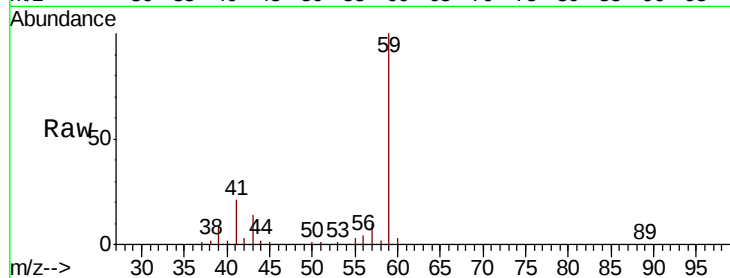


#11

Tert butyl alcohol
 Concen: 533.833 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

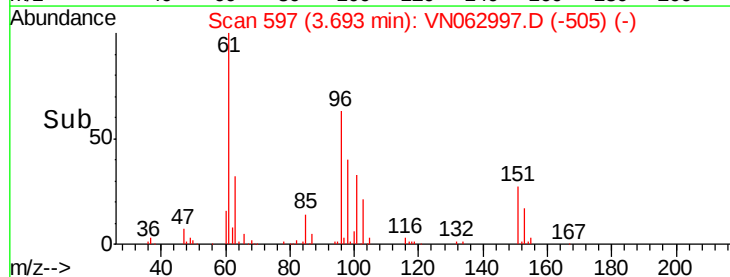
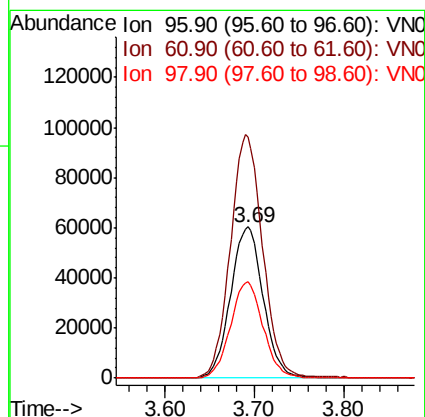
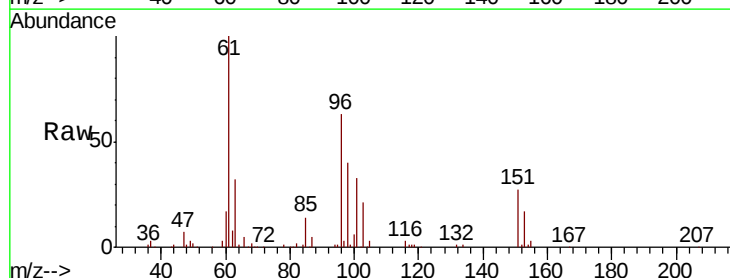
Tot Ion: 59 Resp: 162618
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.6

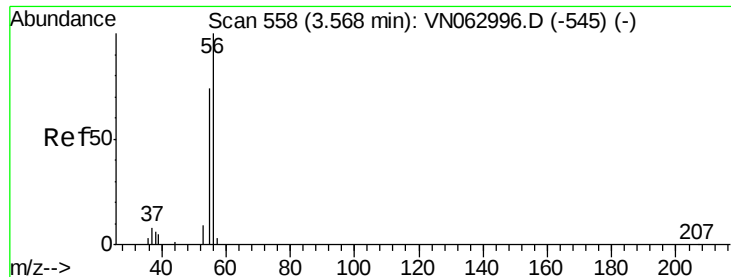


#12

1,1-Dichloroethene
 Concen: 99.610 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion: 96 Resp: 153427
 Ion Ratio Lower Upper
 96 100
 61 159.6 125.5 188.3
 98 63.7 50.4 75.6





#13

Acrolein

Concen: 379.469 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

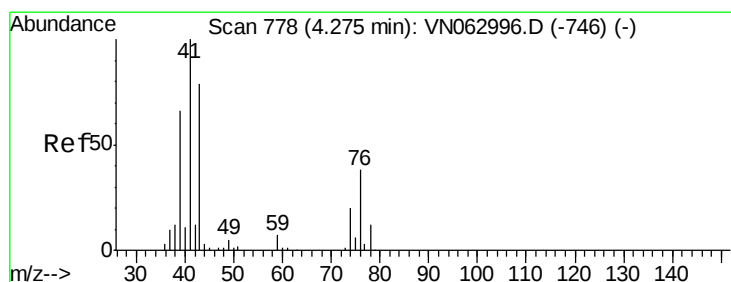
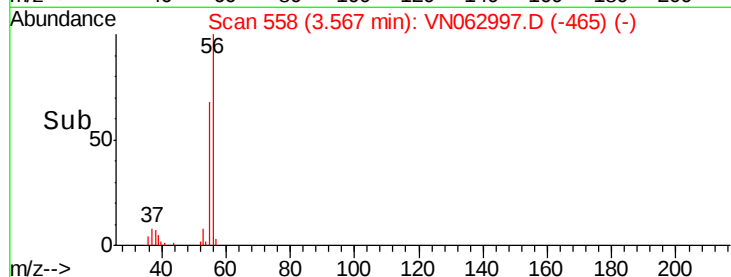
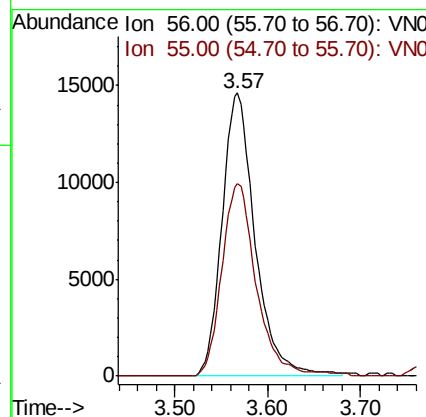
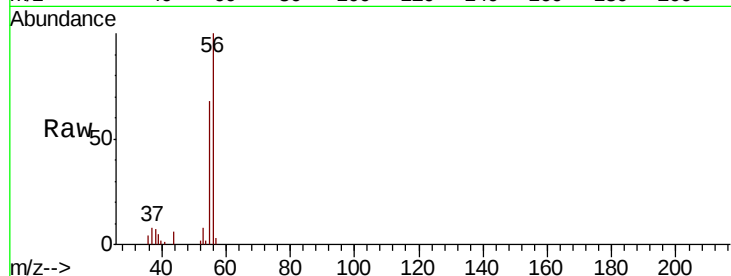
VSTDIC100

Tot Ion: 56 Resp: 36213

Ion Ratio Lower Upper

56 100

55 70.1 58.4 87.6



#14

Allyl chloride

Concen: 104.848 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

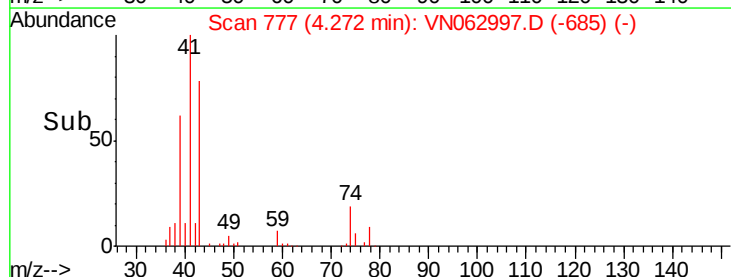
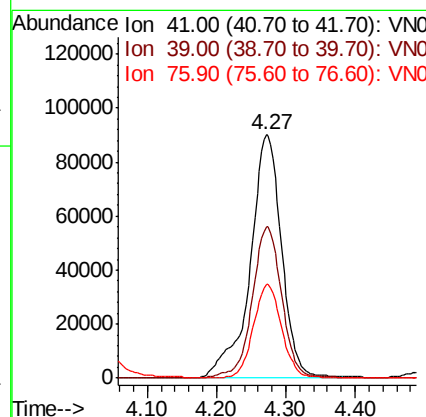
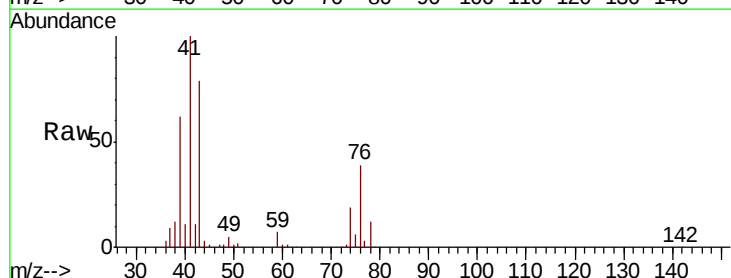
Tgt Ion: 41 Resp: 284746

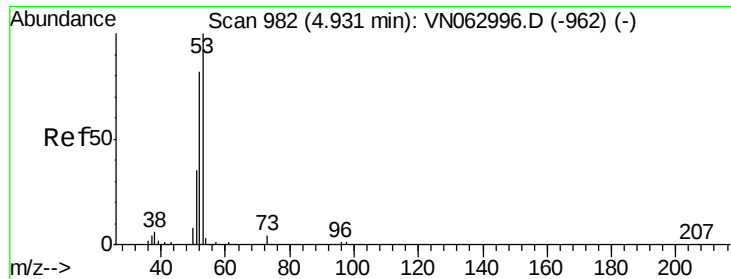
Ion Ratio Lower Upper

41 100

39 58.4 47.9 71.9

76 33.9 27.0 40.6





#15

Acrylonitrile

Concen: 550.759 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

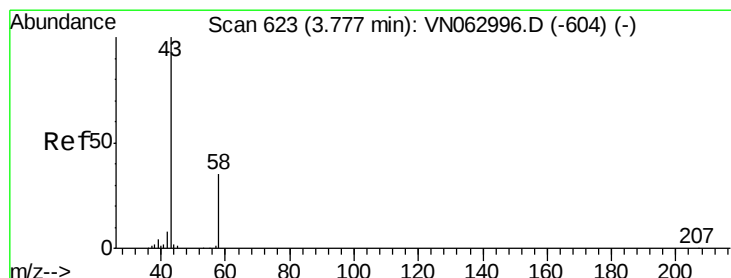
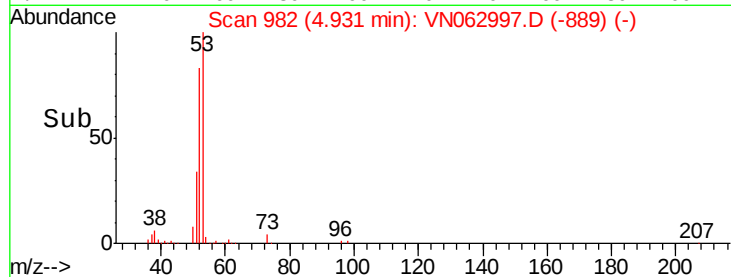
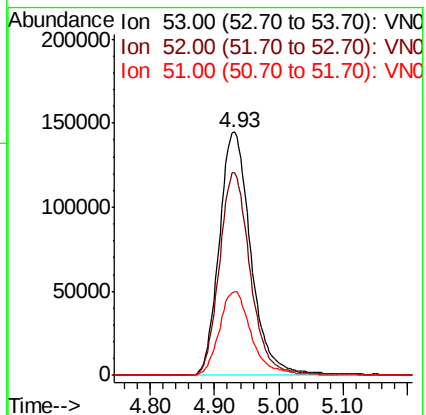
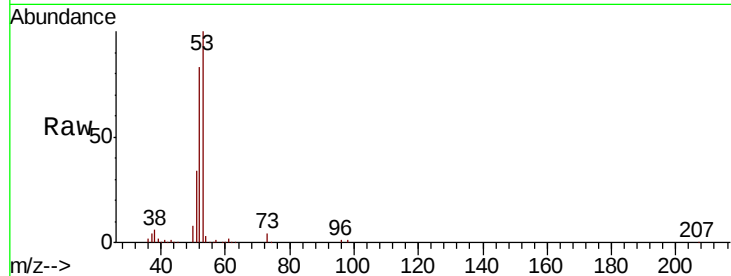
Tot Ion: 53 Resp: 493120

Ion Ratio Lower Upper

53 100

52 81.2 65.6 98.4

51 35.1 28.2 42.4



#16

Acetone

Concen: 483.249 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062997.D

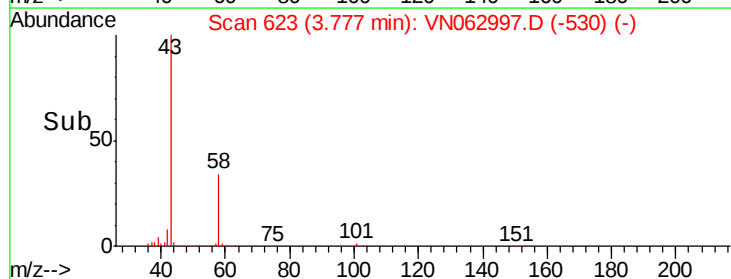
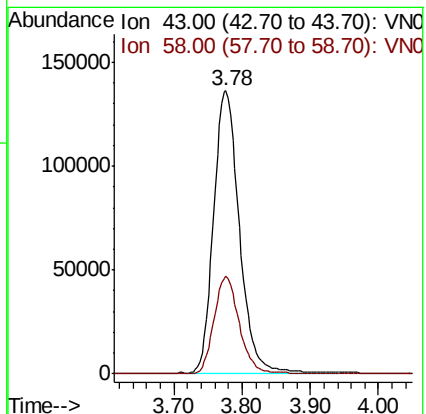
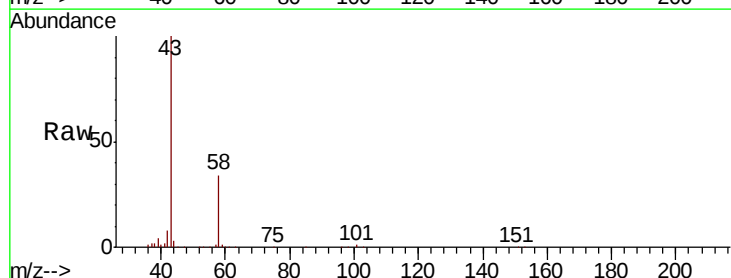
Acq: 18 Aug 2020 20:17

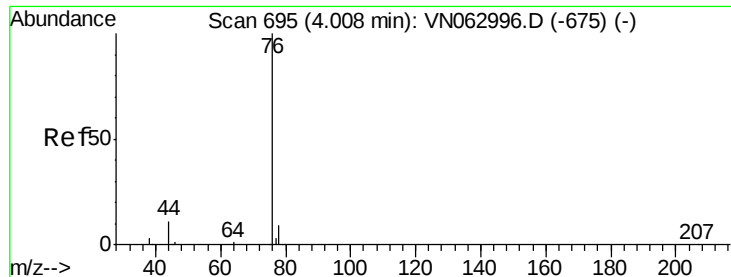
Tgt Ion: 43 Resp: 353904

Ion Ratio Lower Upper

43 100

58 34.3 27.8 41.6

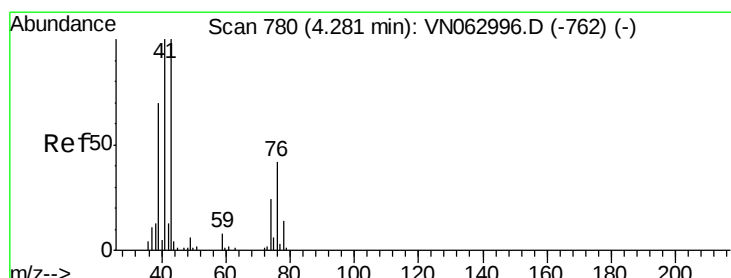
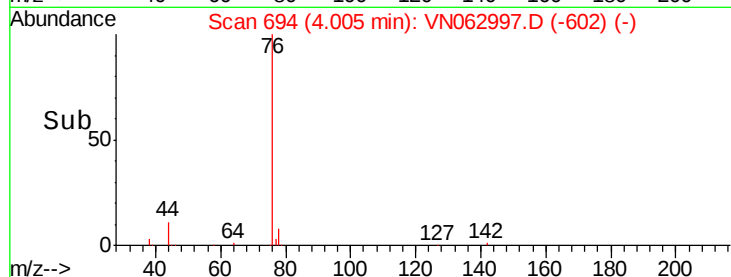
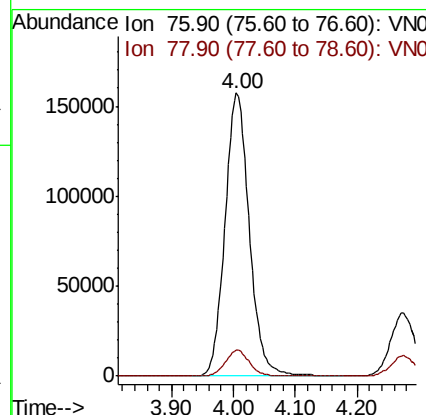
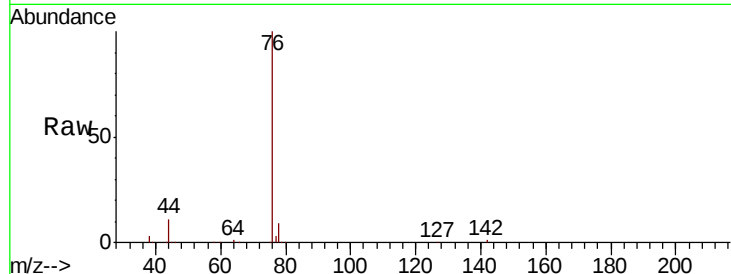




#17
Carbon Disulfide
Concen: 106.269 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

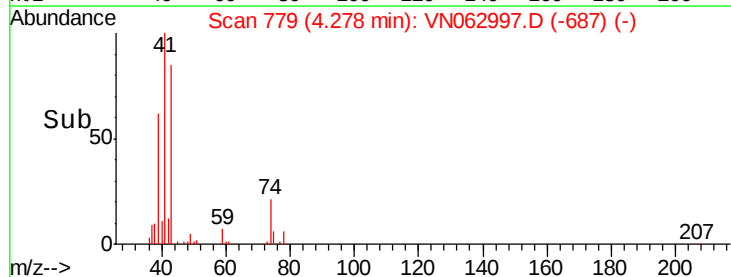
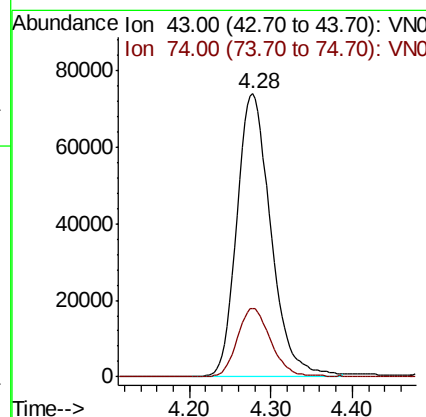
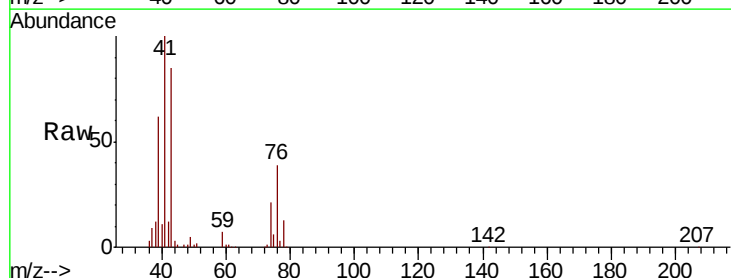
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

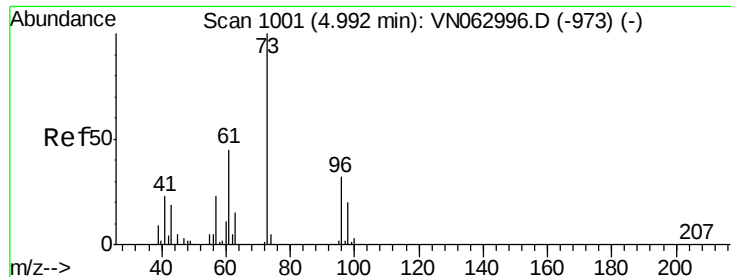
Tot Ion: 76 Resp: 428671
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 99.792 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 43 Resp: 213276
Ion Ratio Lower Upper
43 100
74 24.1 18.6 28.0

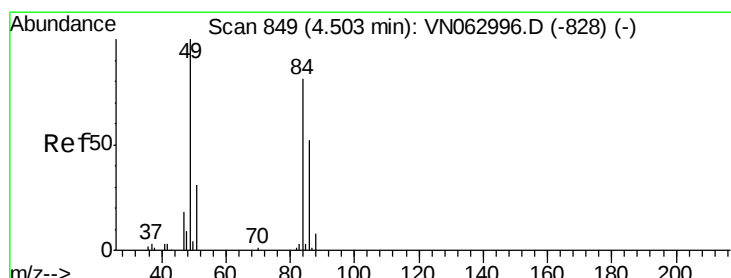
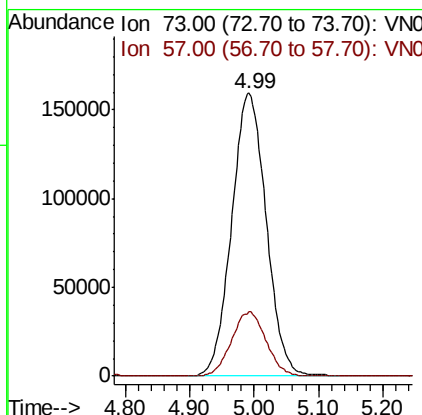
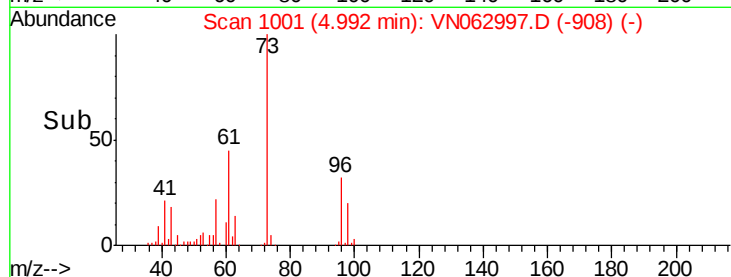
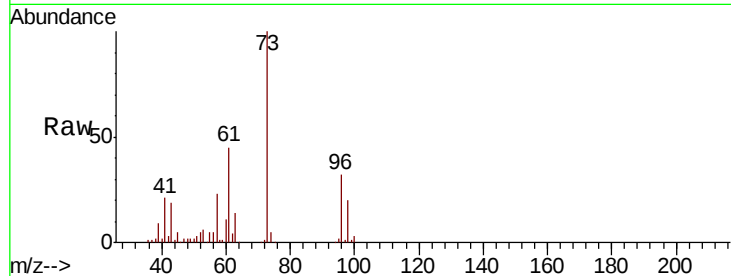




#19
Methyl tert-butyl Ether
Concen: 110.686 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

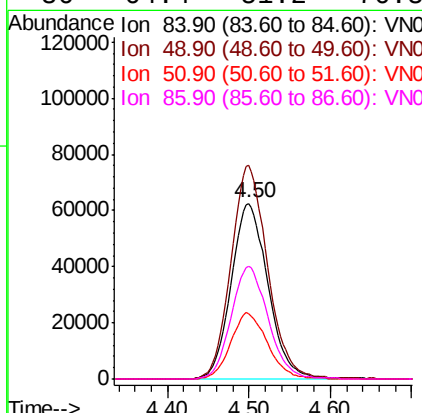
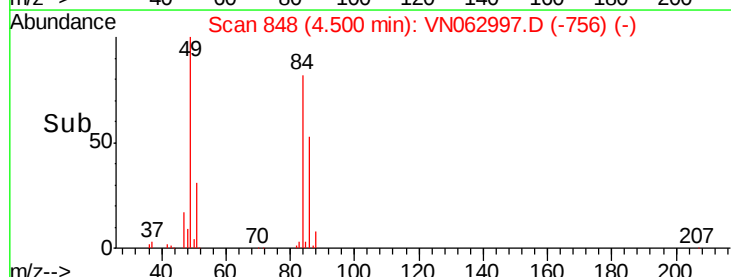
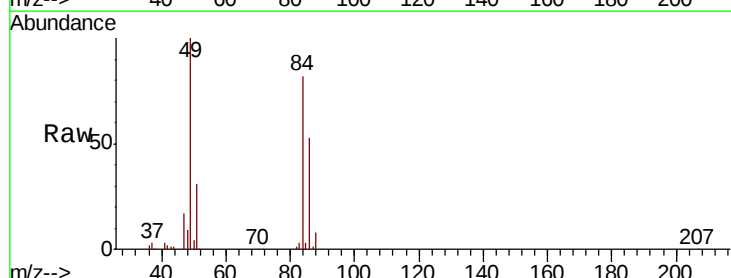
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

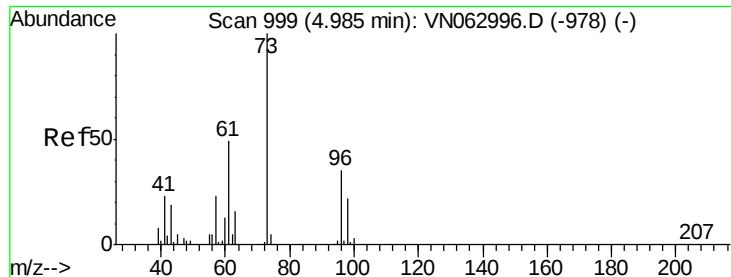
Tot Ion: 73 Resp: 594560
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 81.253 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 84 Resp: 196202
Ion Ratio Lower Upper
84 100
49 121.6 98.7 148.1
51 37.2 30.8 46.2
86 64.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 105.004 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

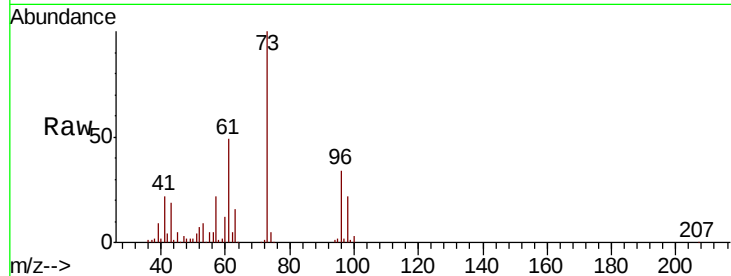
Tot Ion: 96 Resp: 169258

Ion Ratio Lower Upper

96 100

61 142.0 112.5 168.7

98 63.4 49.4 74.0

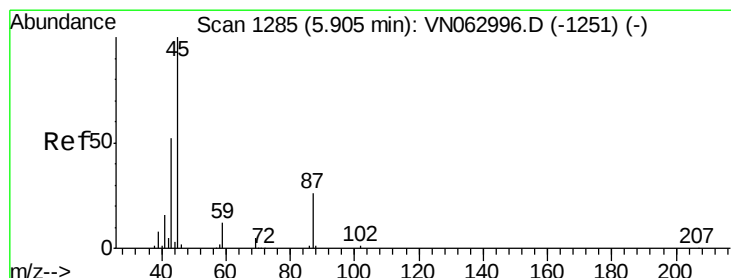
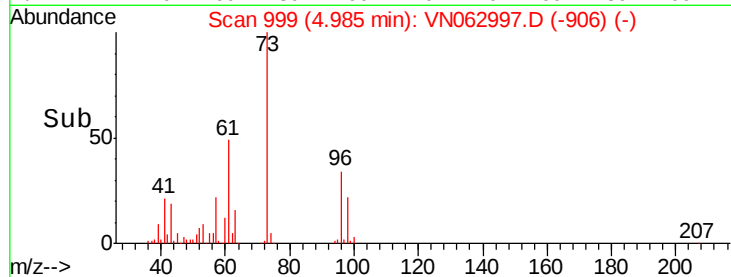
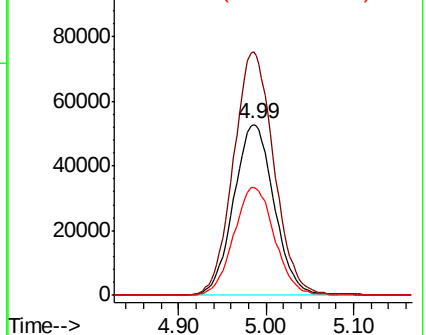


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 107.561 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Tgt Ion: 45 Resp: 662883

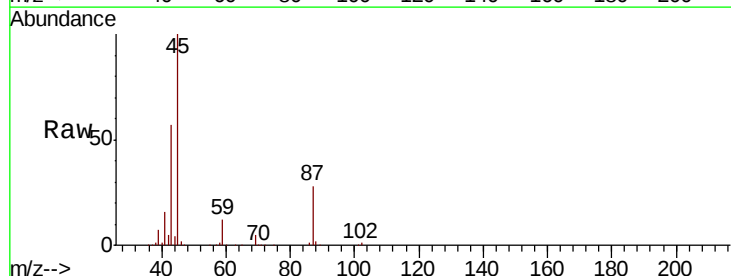
Ion Ratio Lower Upper

45 100

43 55.6 45.7 68.5

87 27.7 21.8 32.6

59 11.7 9.3 13.9



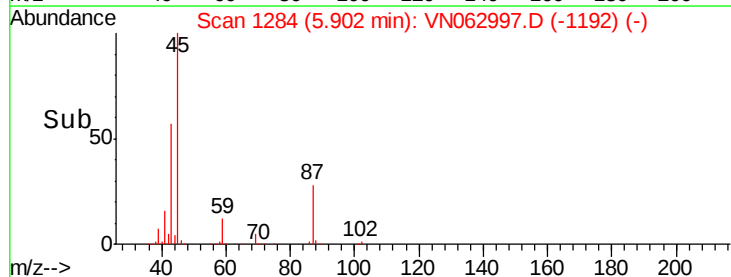
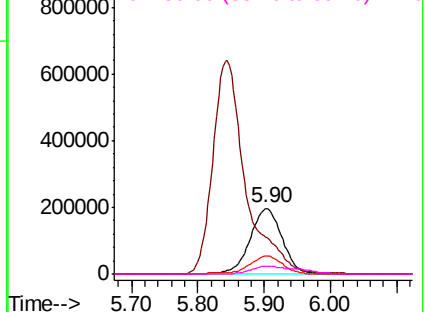
Abundance

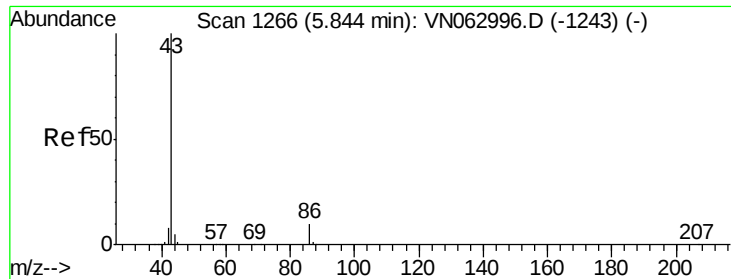
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 529.658 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

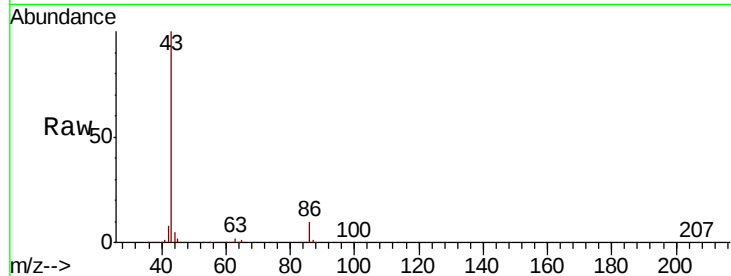
VSTDIC100

Tot Ion: 43 Resp: 2202718

Ion Ratio Lower Upper

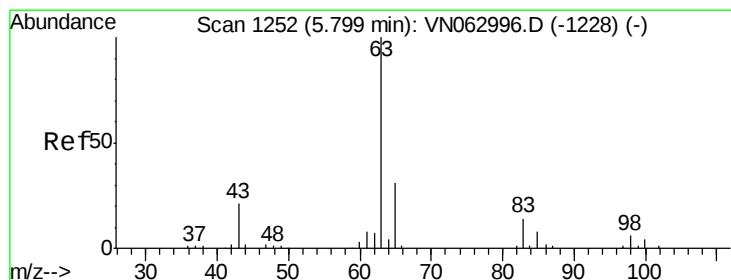
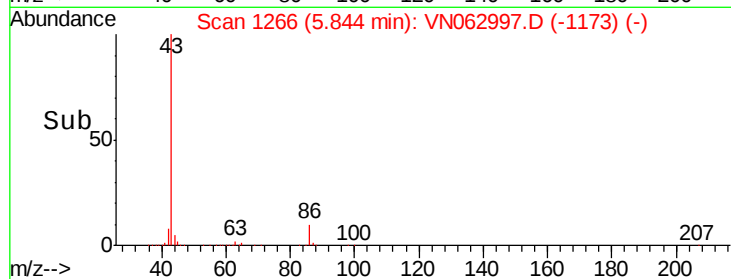
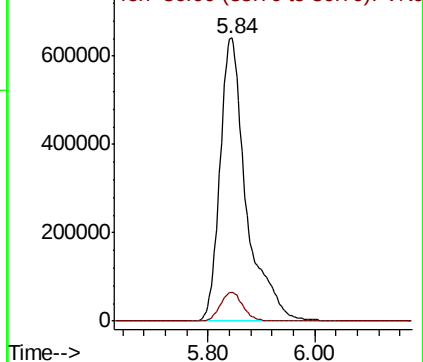
43 100

86 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN062997.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN062997.D (-1173) (-)



#24

1,1-Dichloroethane

Concen: 102.175 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

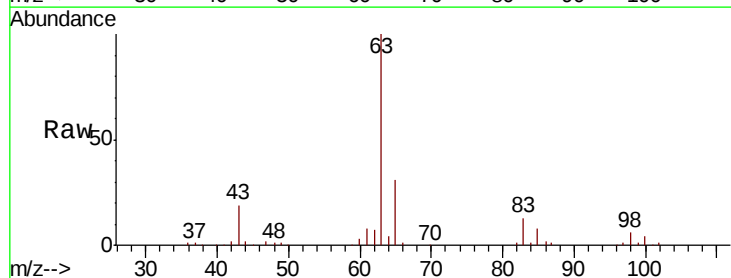
Tgt Ion: 63 Resp: 351874

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.7

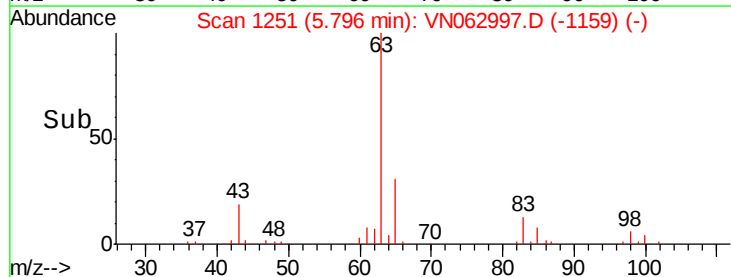
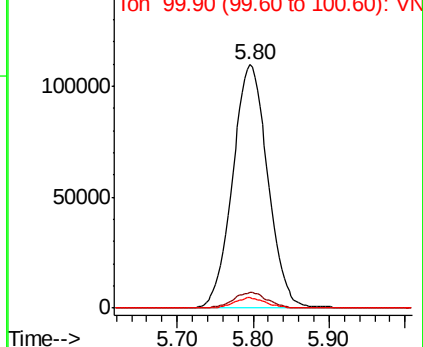
100 4.2 2.0 5.8

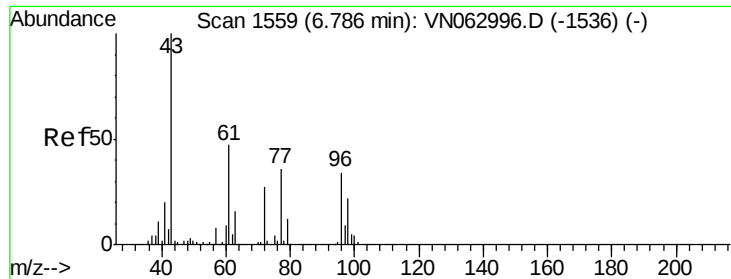


Abundance Ion 62.90 (62.60 to 63.60): VN062997.D (-1159) (-)

Ion 97.90 (97.60 to 98.60): VN062997.D (-1159) (-)

Ion 99.90 (99.60 to 100.60): VN062997.D (-1159) (-)

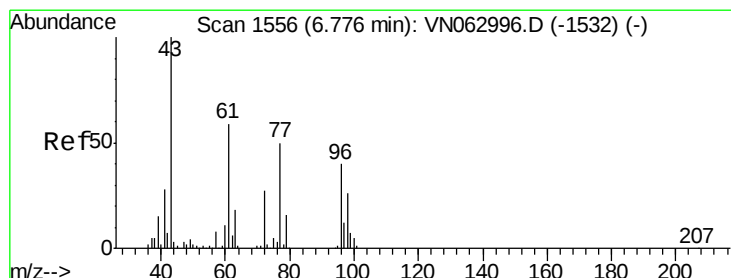
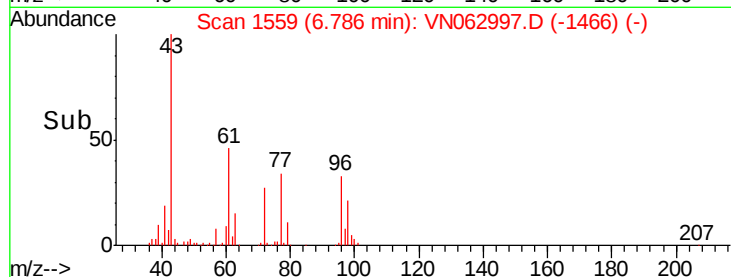
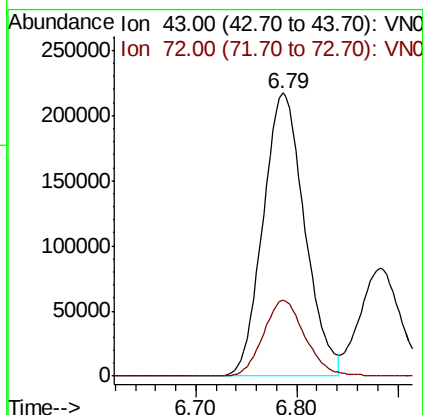
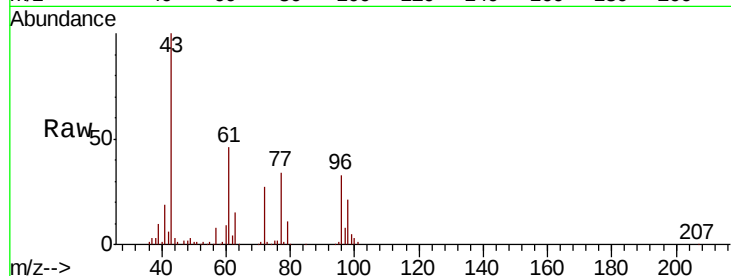




#25
2-Butanone
Concen: 544.592 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

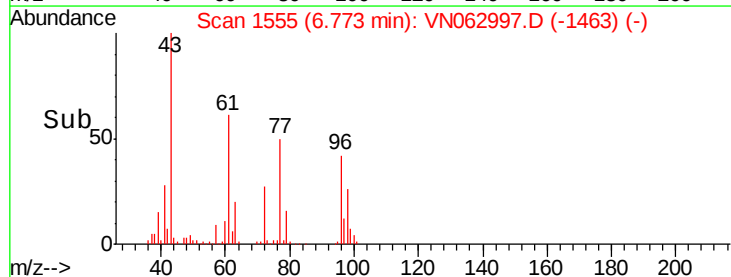
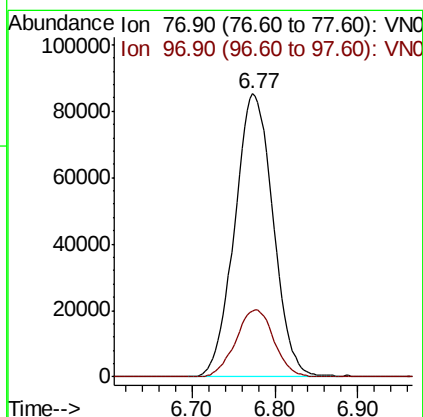
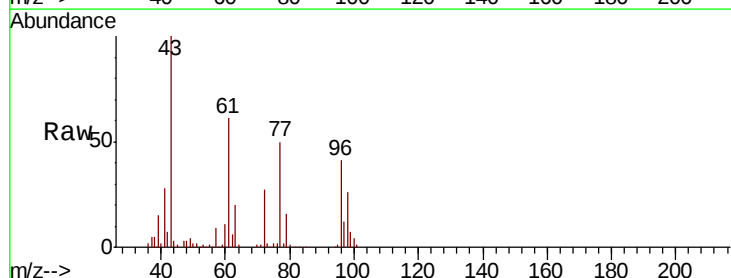
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

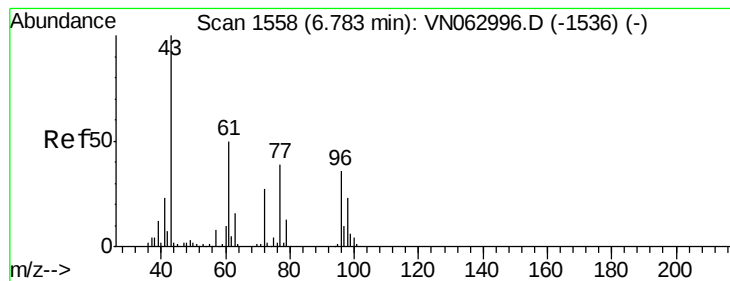
Tot Ion: 43 Resp: 621794
Ion Ratio Lower Upper
43 100
72 26.9 21.8 32.6



#26
2,2-Dichloropropane
Concen: 101.391 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 77 Resp: 274604
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 107.152 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

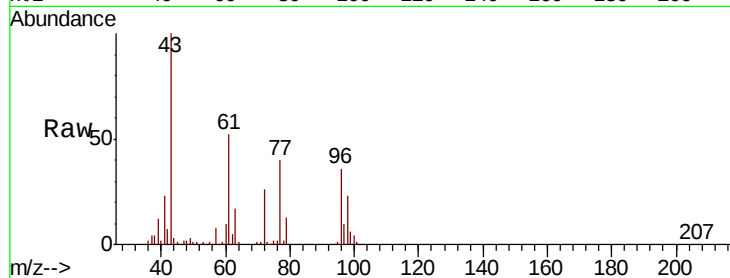
Tot Ion: 96 Resp: 216489

Ion Ratio Lower Upper

96 100

61 145.5 0.0 292.8

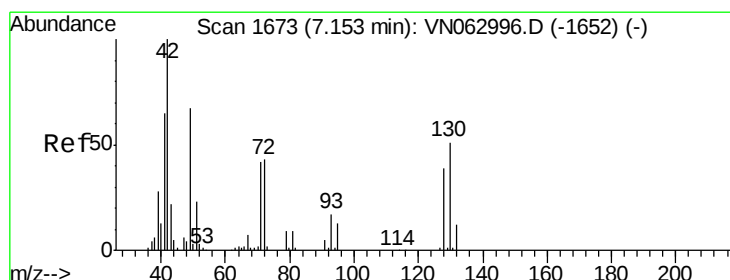
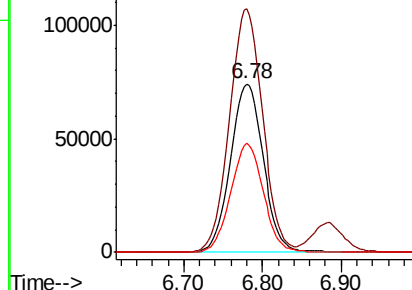
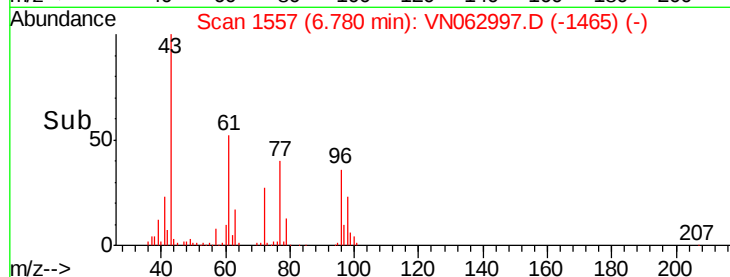
98 64.2 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN062997.D (-1465) (-)

Ion 60.90 (60.60 to 61.60): VN062997.D (-1465) (-)

Ion 97.90 (97.60 to 98.60): VN062997.D (-1465) (-)



#28

Bromochloromethane

Concen: 103.047 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

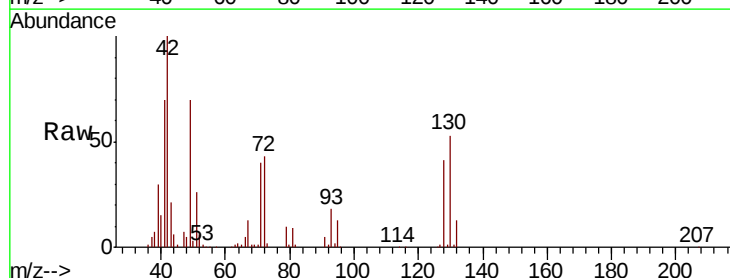
Tgt Ion: 49 Resp: 185682

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

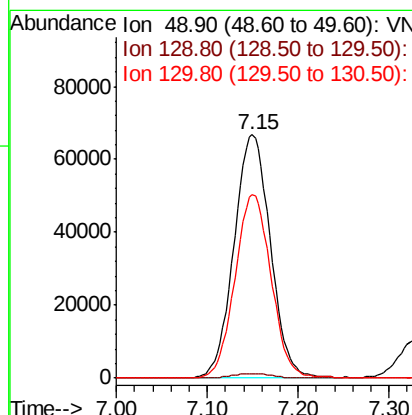
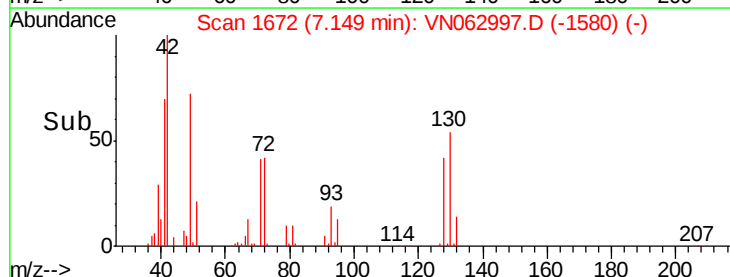
130 74.9 61.1 91.7

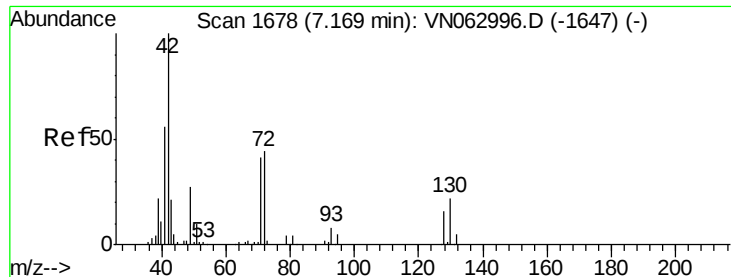


Abundance Ion 48.90 (48.60 to 49.60): VN062997.D (-1580) (-)

Ion 128.80 (128.50 to 129.50): VN062997.D (-1580) (-)

Ion 129.80 (129.50 to 130.50): VN062997.D (-1580) (-)

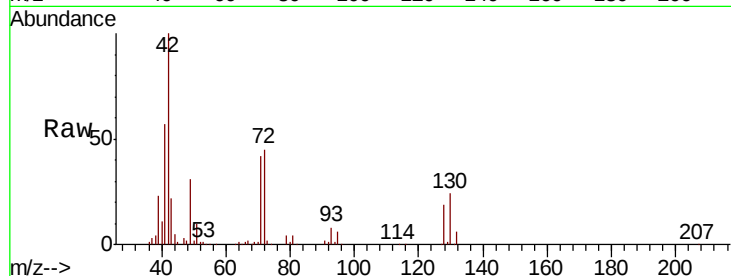




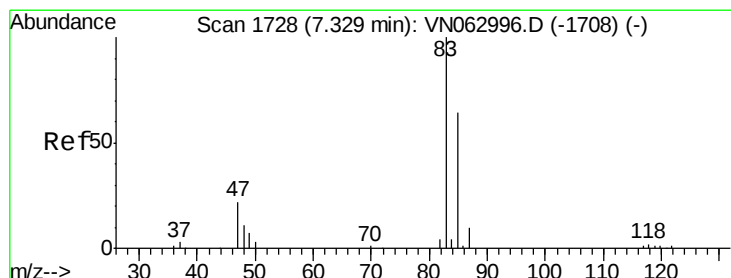
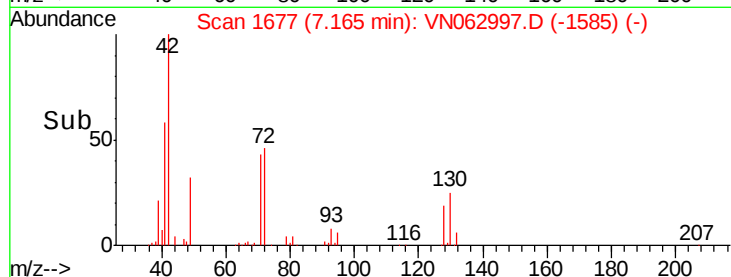
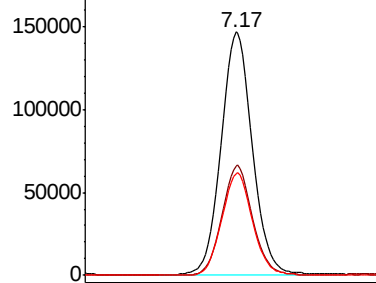
#29
Tetrahydrofuran
Concen: 565.357 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 416607
Ion Ratio Lower Upper
42 100
72 43.8 34.6 52.0
71 41.3 32.3 48.5

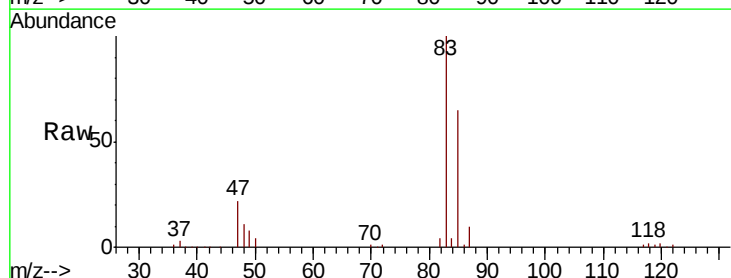


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

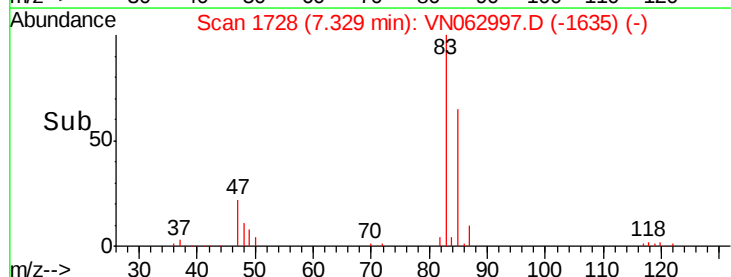
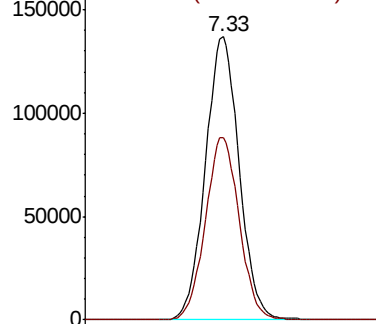


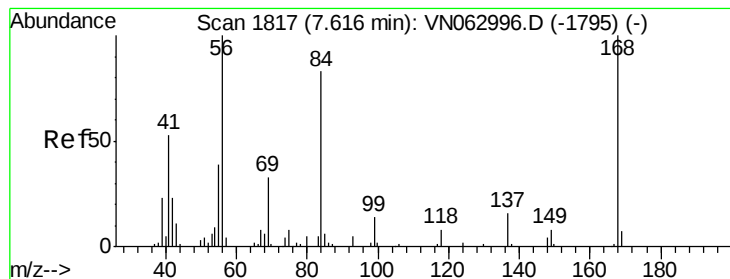
#30
Chloroform
Concen: 103.817 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 83 Resp: 360076
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 109.430 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

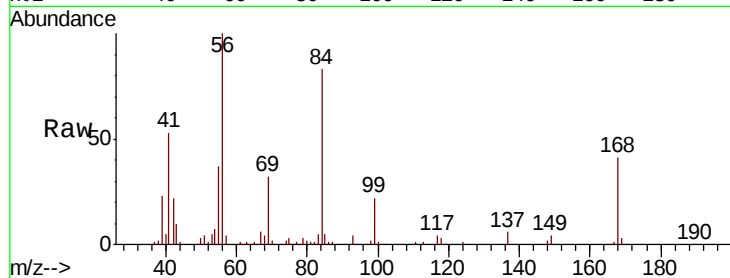
Tot Ion: 56 Resp: 346858

Ion Ratio Lower Upper

56 100

69 31.5 26.6 40.0

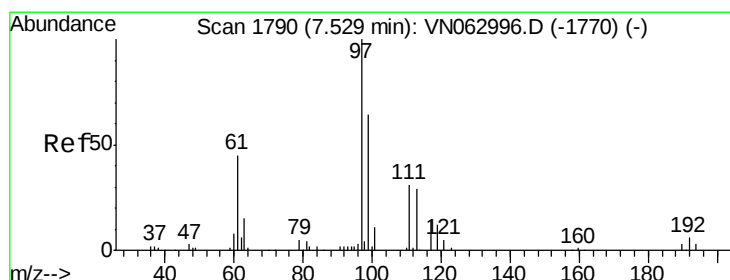
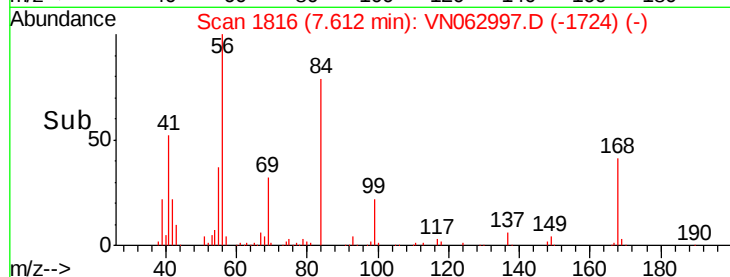
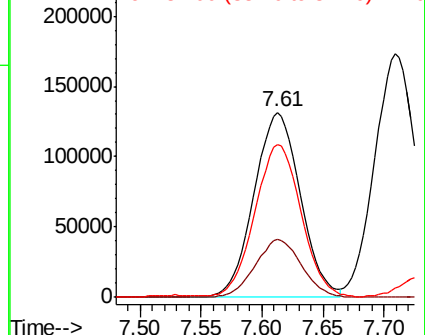
84 81.8 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VN062997.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062997.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062997.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 104.740 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

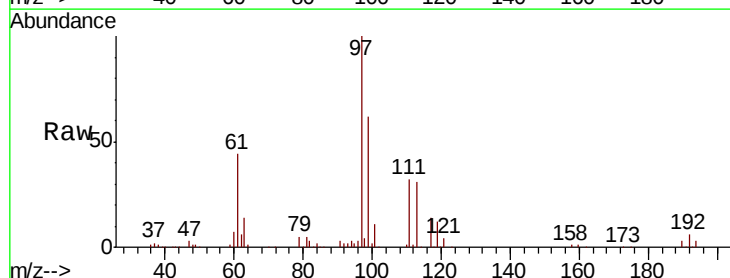
Tgt Ion: 97 Resp: 296580

Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

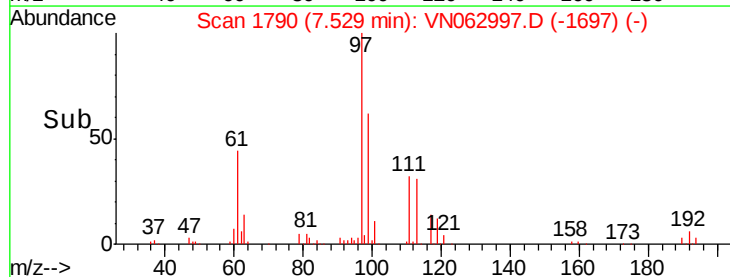
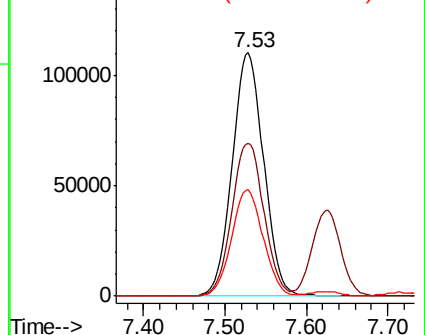
61 44.0 36.2 54.4

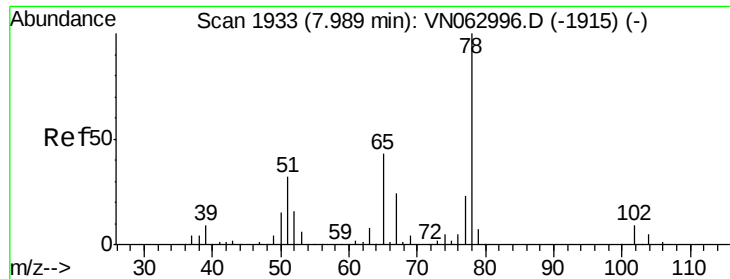


Abundance Ion 96.90 (96.60 to 97.60): VN062997.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062997.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062997.D (-1697) (-)

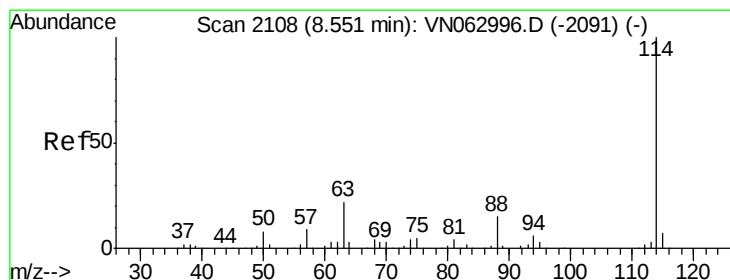
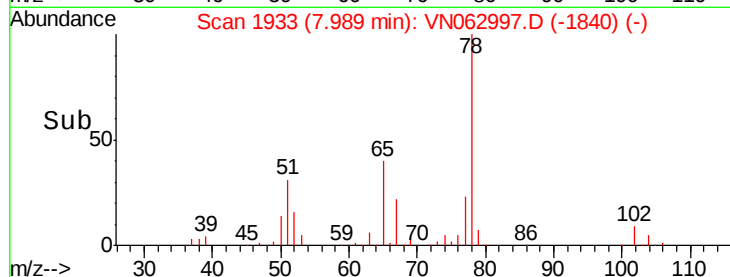
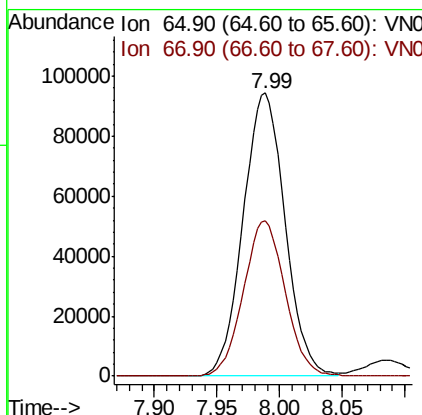
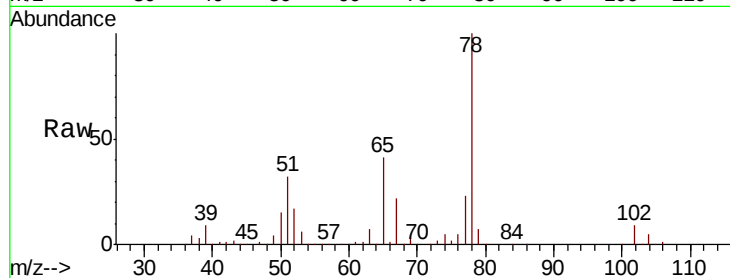




#33
 1,2-Dichloroethane-d4
 Concen: 102.134 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

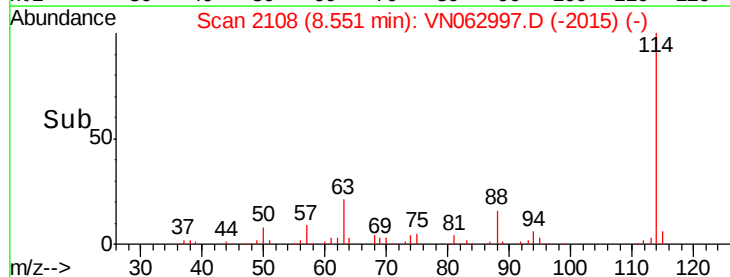
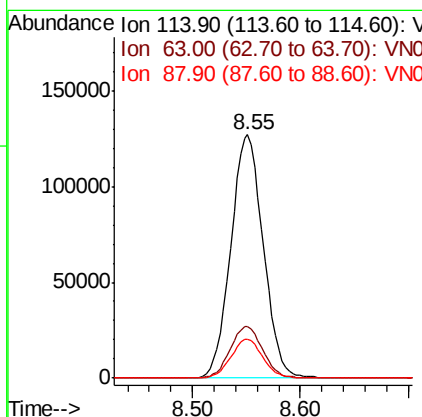
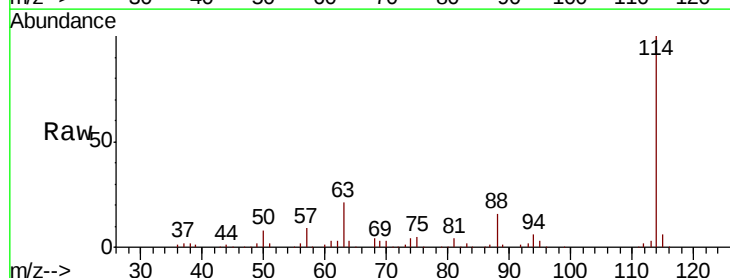
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

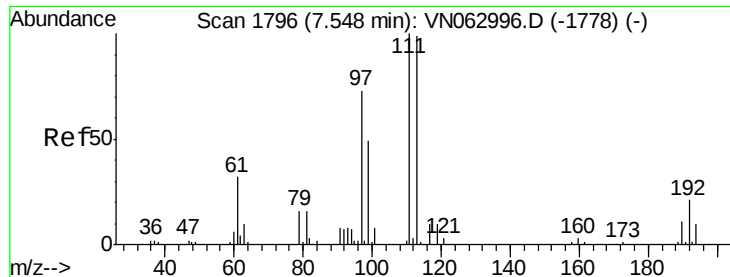
Tot Ion: 65 Resp: 219649
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion: 114 Resp: 266168
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.1 0.0 30.6

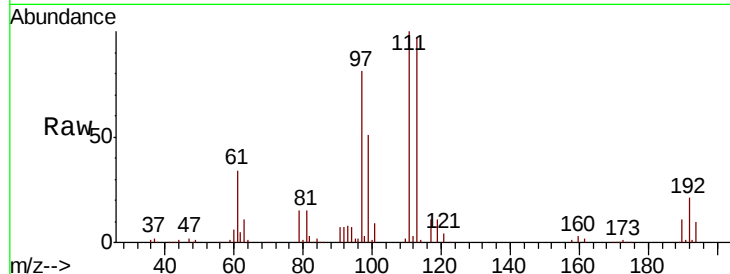




#35
 Dibromofluoromethane
 Concen: 104.202 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.7	122.5
192	21.9	17.5	26.3

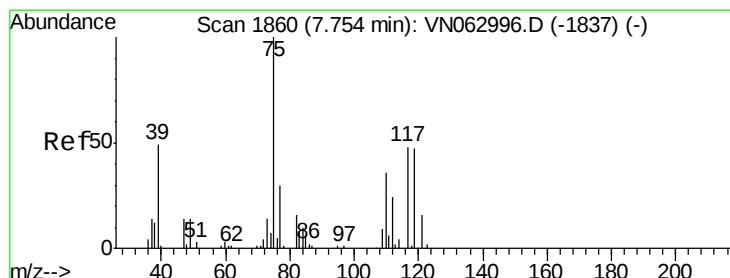
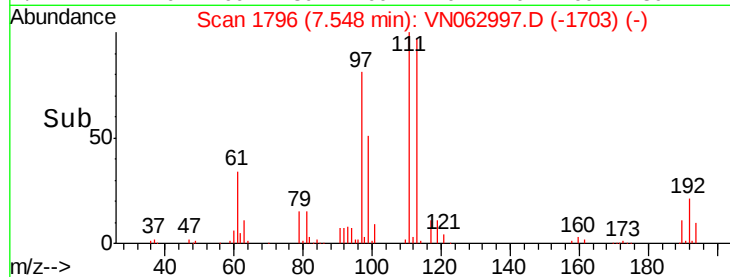
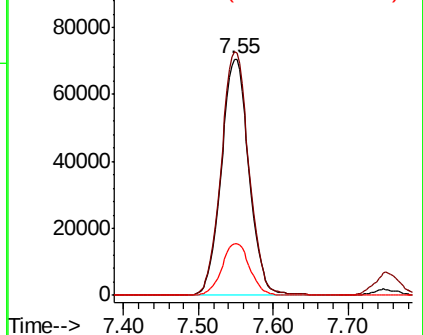


Abundance

Ion 112.80 (112.50 to 113.50): V

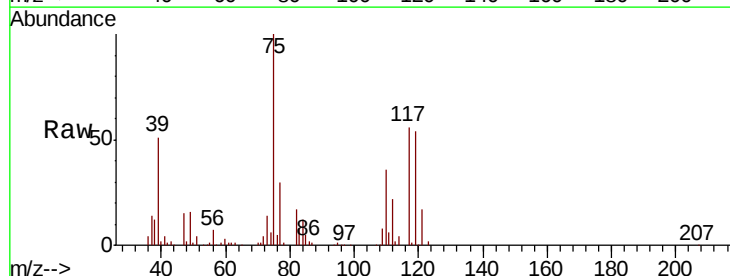
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 108.232 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.5	52.6
77	30.6	24.2	36.4

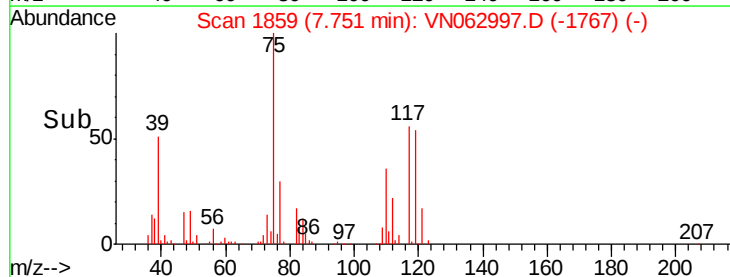
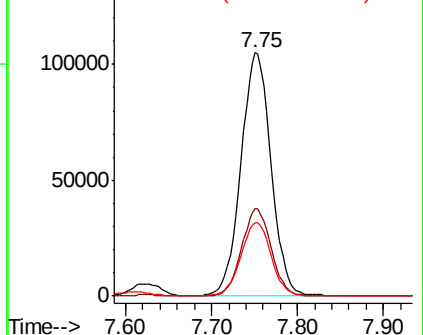


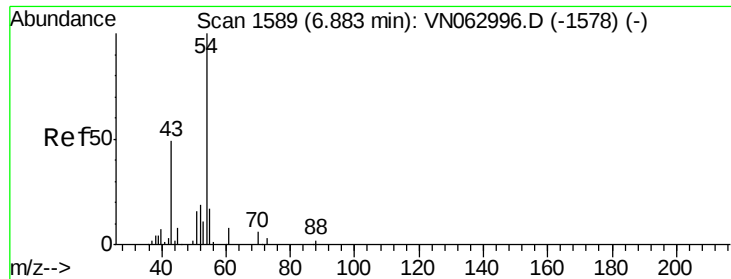
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

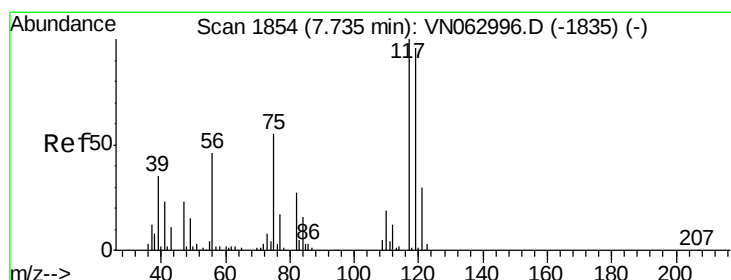
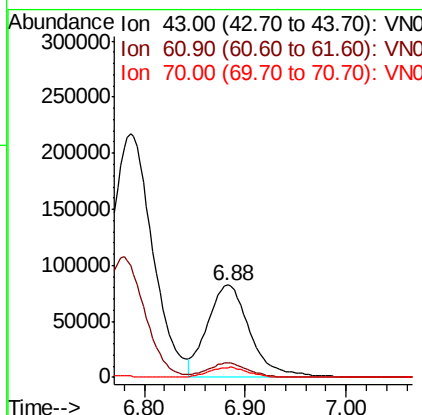
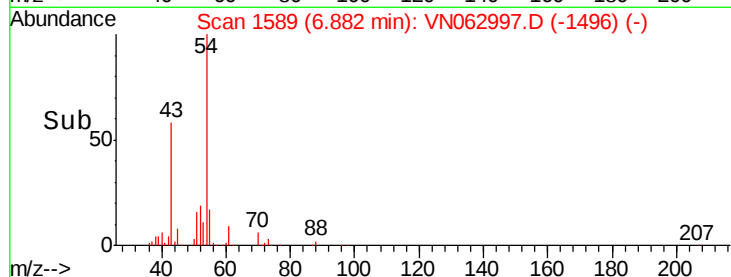
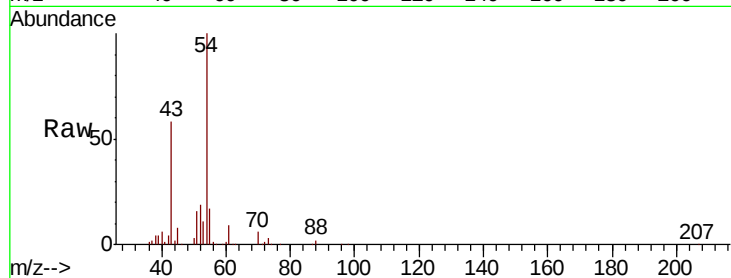




#37
Ethyl Acetate
Concen: 107.641 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

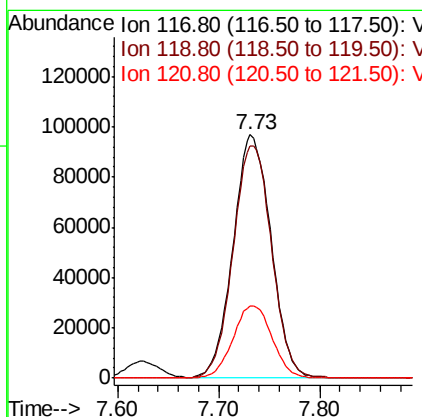
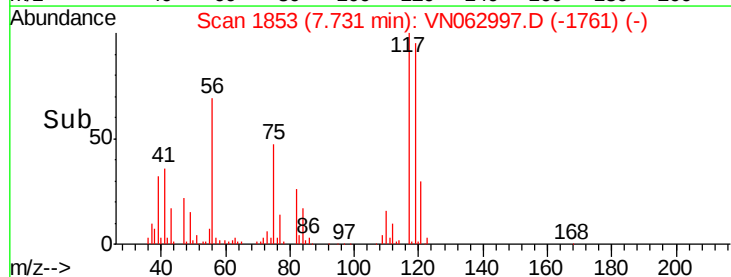
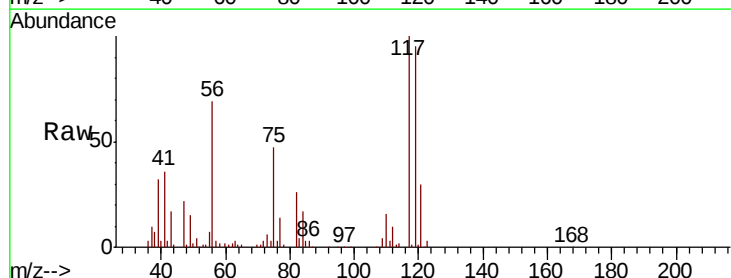
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

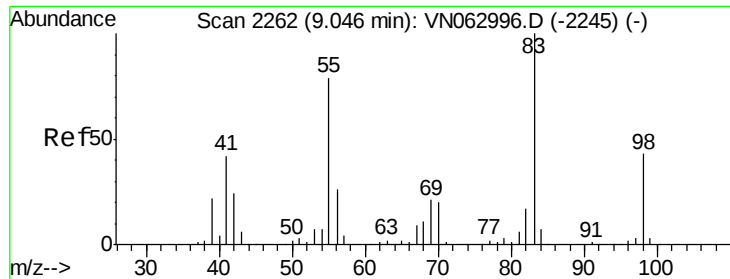
Tot Ion: 43 Resp: 237170
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.8
70 10.4 8.2 12.2



#38
Carbon Tetrachloride
Concen: 106.270 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 117 Resp: 251656
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4
121 29.6 24.2 36.2

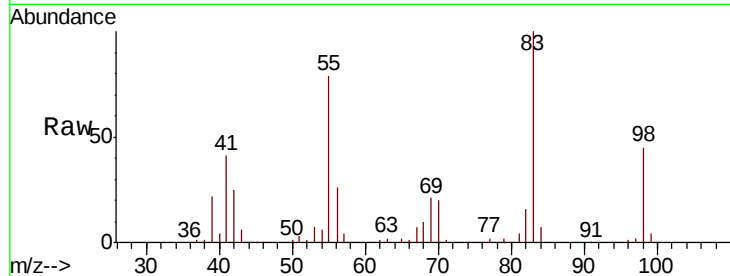




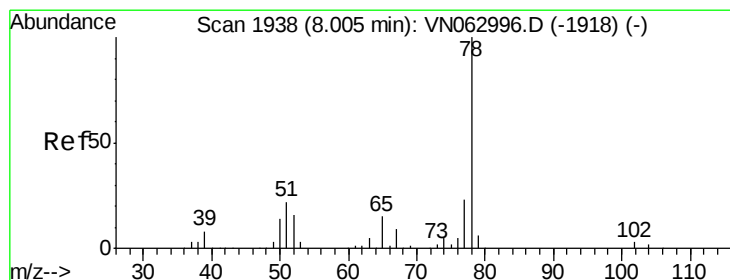
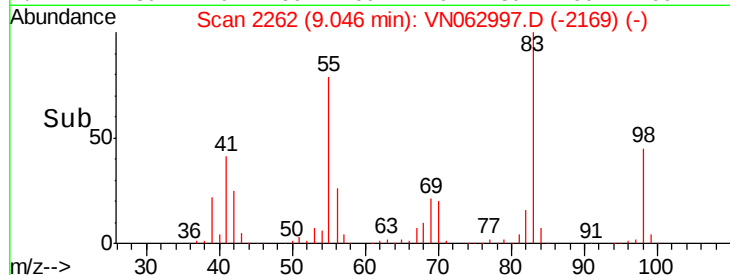
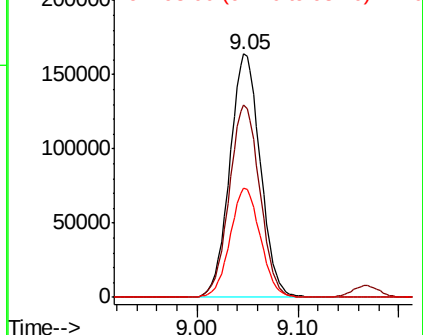
#39
Methvlcvclohexane
Concen: 124.714 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion: 83 Resp: 345660
Ion Ratio Lower Upper
83 100
55 78.9 63.3 94.9
98 44.7 34.2 51.4

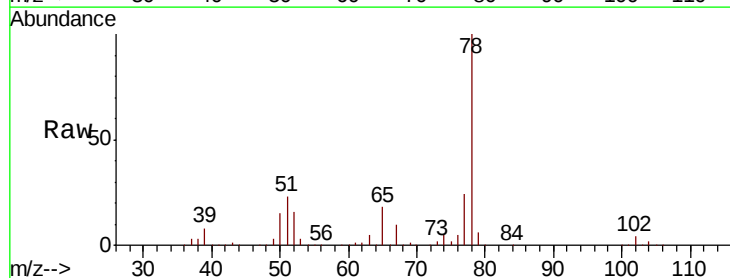


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

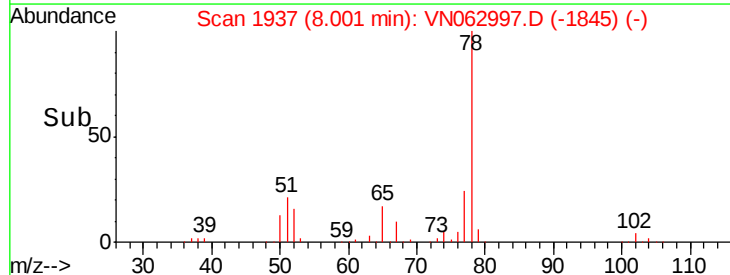
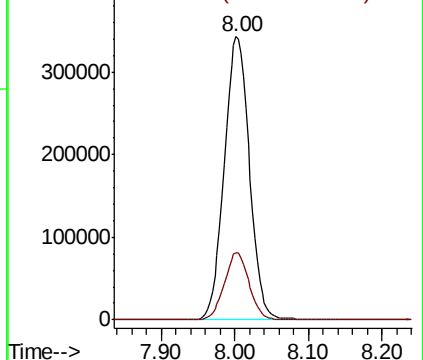


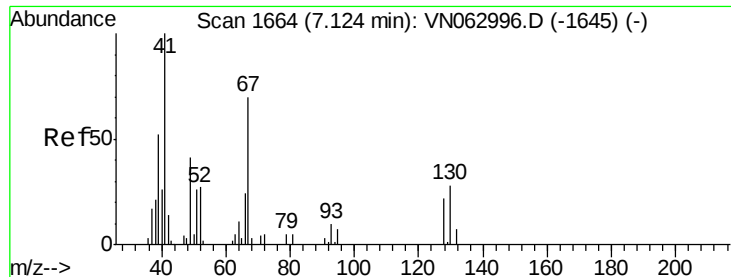
#40
Benzene
Concen: 109.336 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 78 Resp: 813397
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

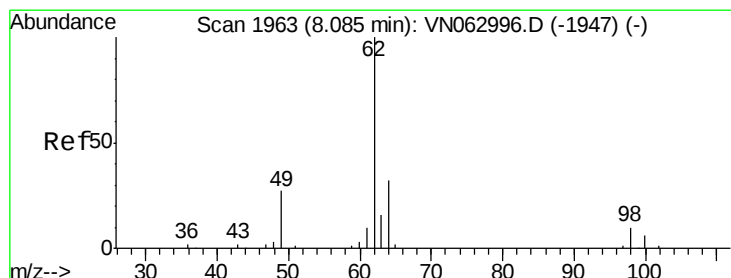
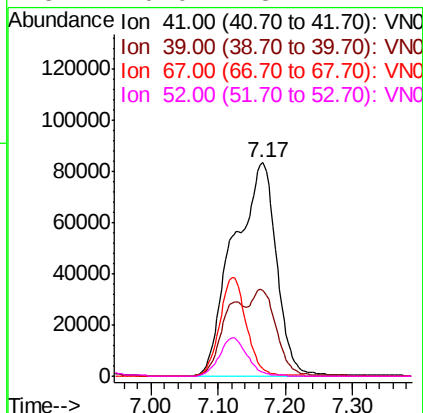
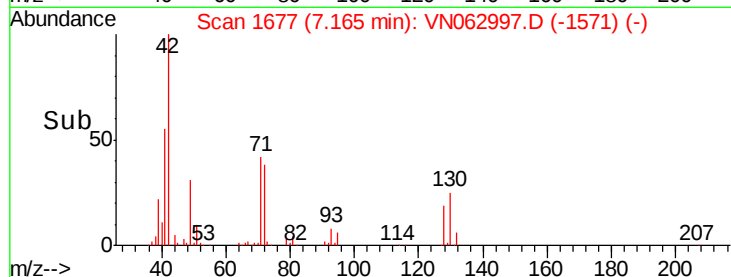
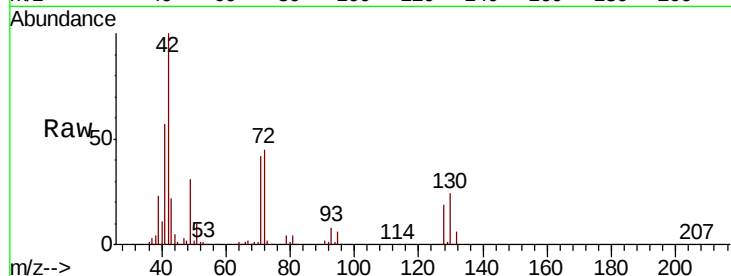




#41
Methacrylonitrile
Concen: 353.689 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

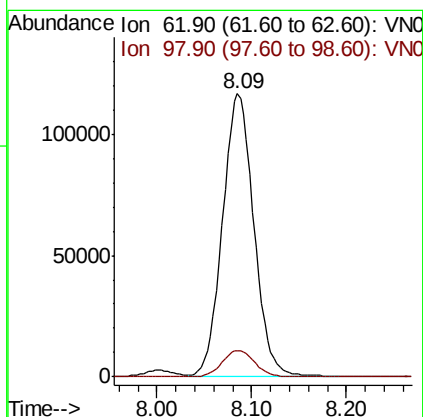
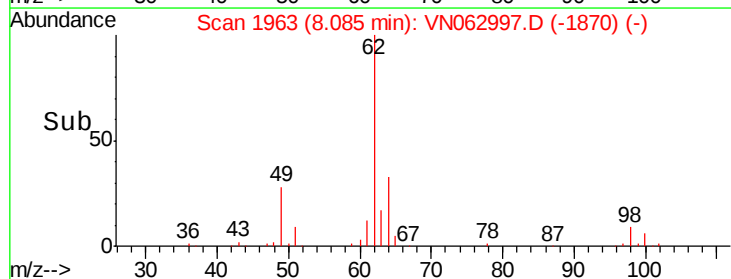
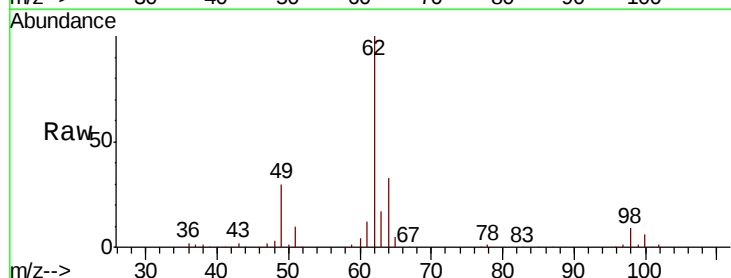
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

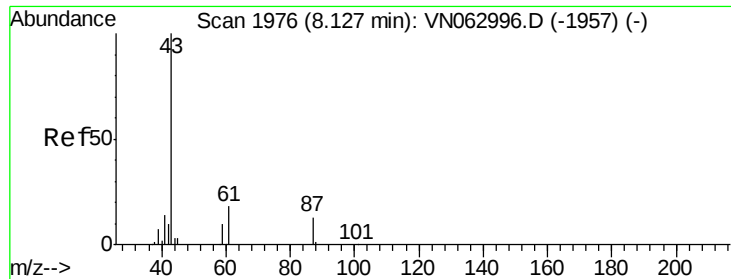
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.6	62.4#
67	0.0	71.8	107.8#
52	0.0	28.2	42.4#



#42
1,2-Dichloroethane
Concen: 106.884 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4





#43

Isopropyl Acetate

Concen: 112.246 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

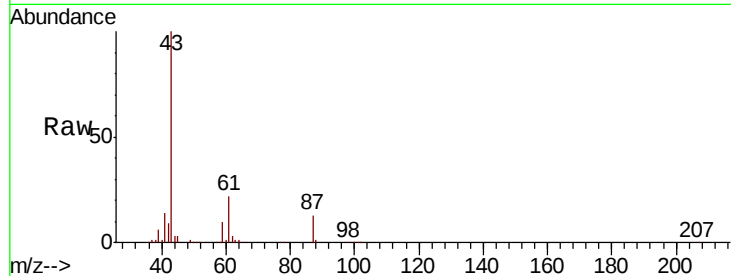
Tot Ion: 43 Resp: 408710

Ion Ratio Lower Upper

43 100

61 21.7 22.6 33.8#

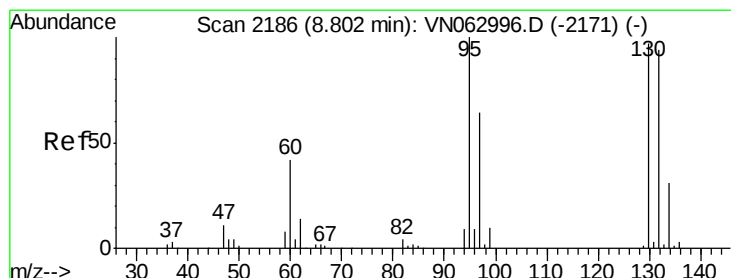
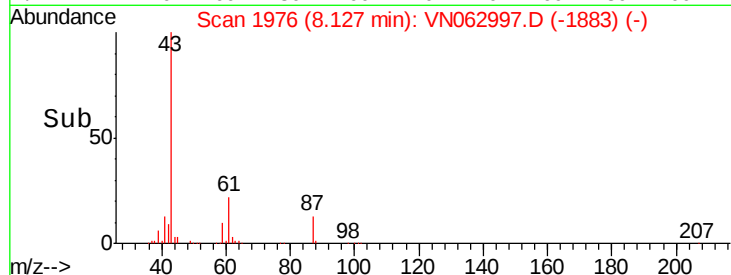
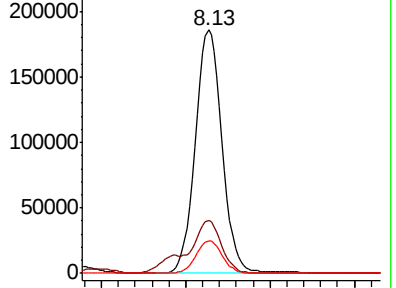
87 13.2 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062997.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062997.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062997.D (-1957) (-)



#44

Trichloroethene

Concen: 107.054 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062997.D

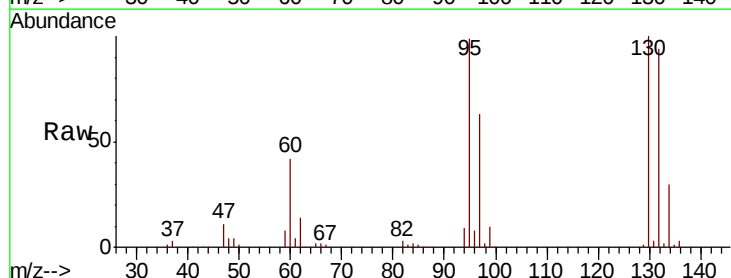
Acq: 18 Aug 2020 20:17

Tgt Ion:130 Resp: 198105

Ion Ratio Lower Upper

130 100

95 98.9 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

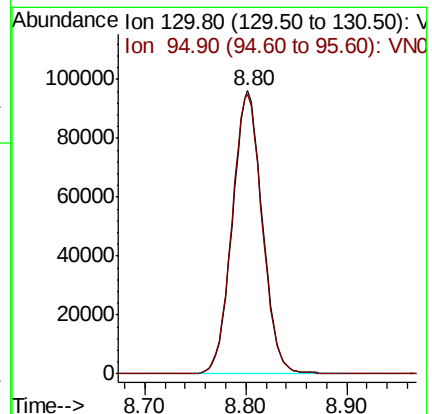
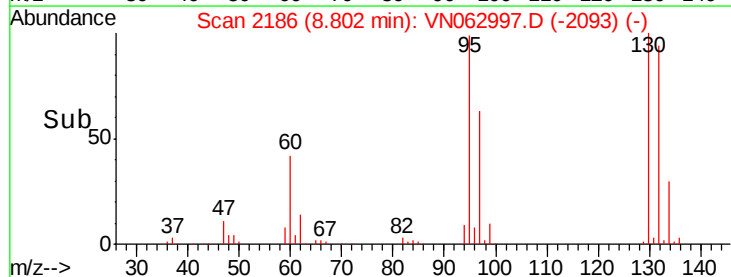
Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

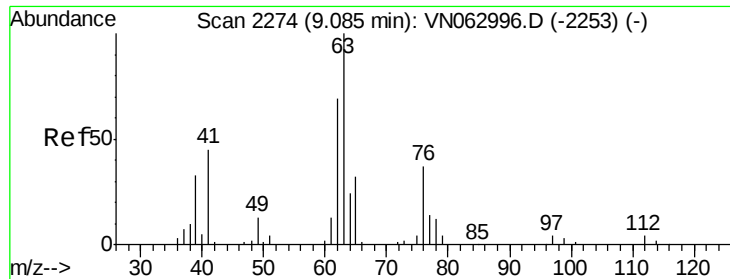
Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062997.D (-2171) (-)

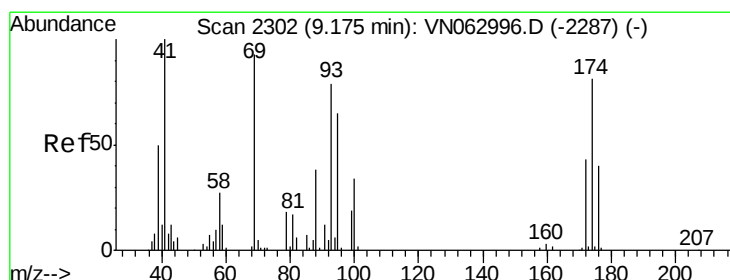
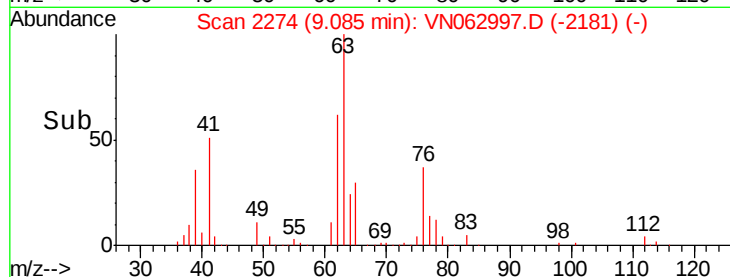
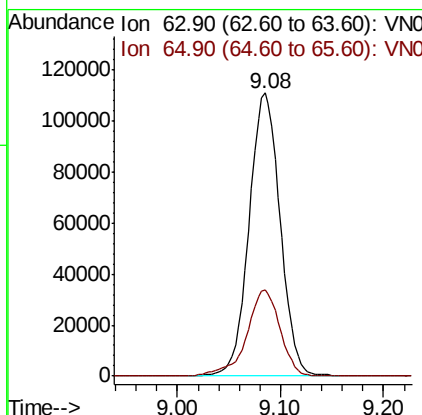
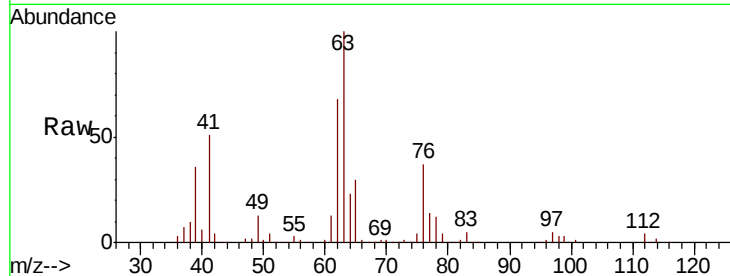




#45
 1,2-Dichloropropane
 Concen: 107.879 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

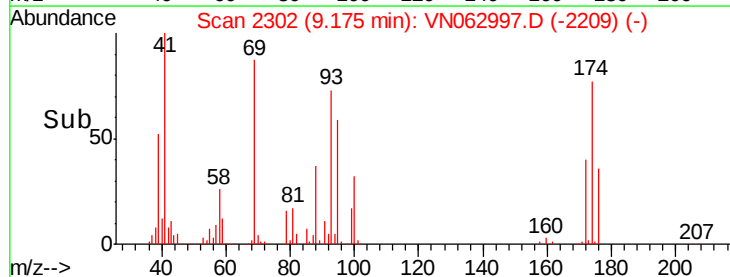
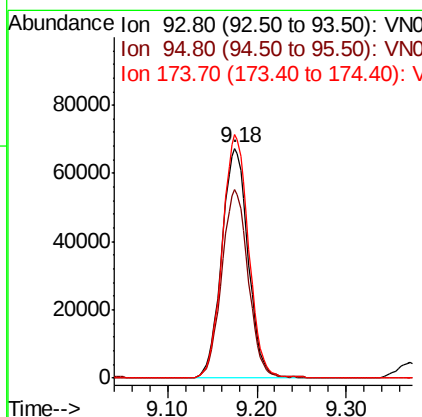
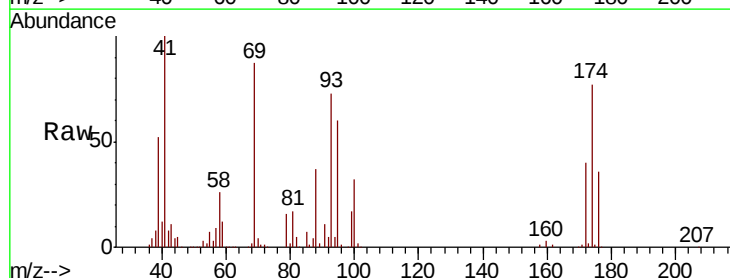
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

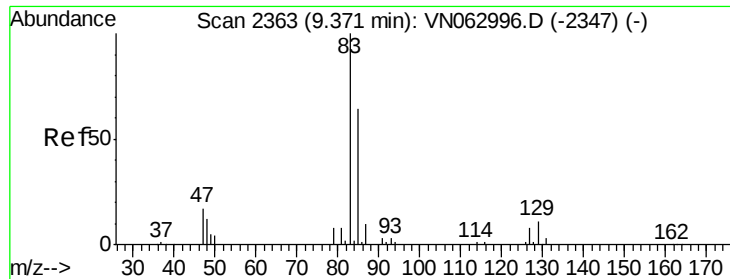
Tot Ion: 63 Resp: 231986
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.6 38.4



#46
 Dibromomethane
 Concen: 111.476 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion: 93 Resp: 138486
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.2 99.4
 174 105.4 84.6 127.0

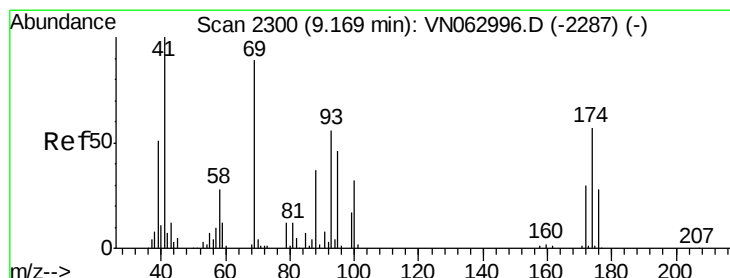
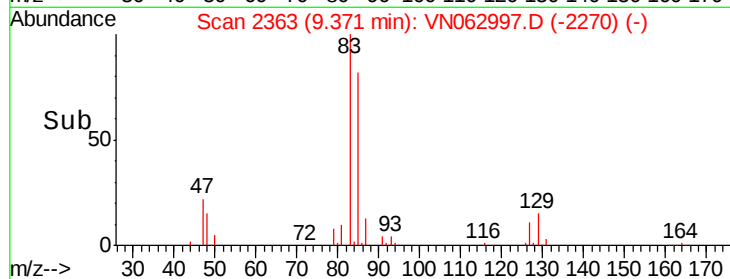
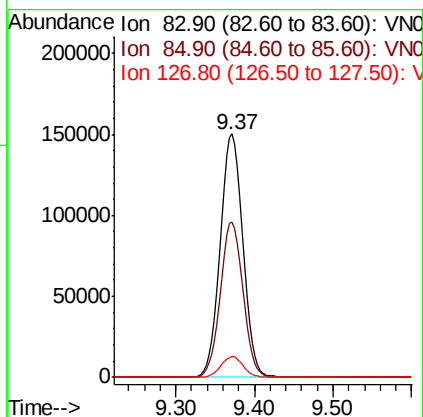
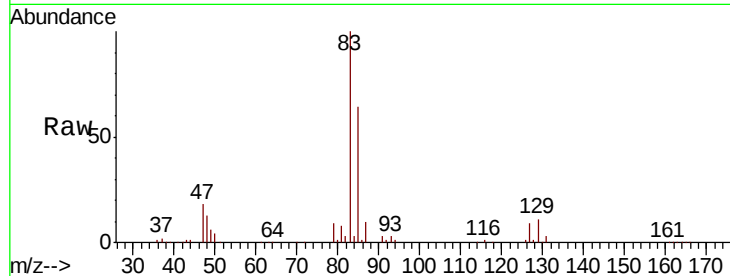




#47
Bromodichloromethane
Concen: 109.756 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

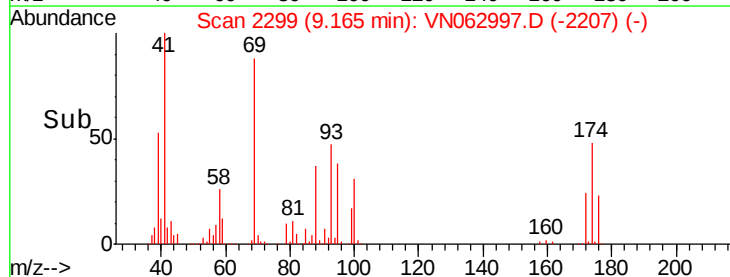
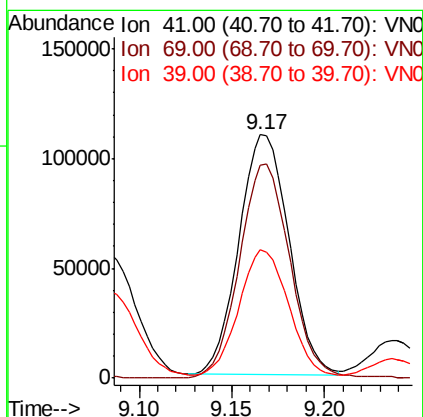
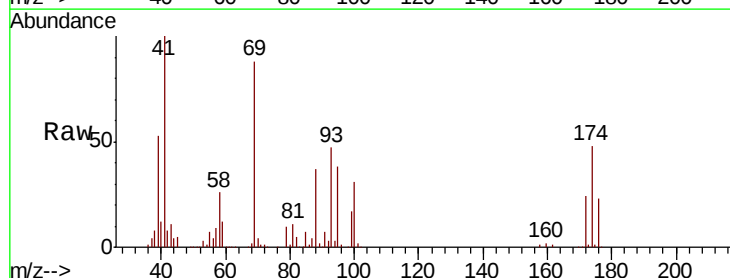
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

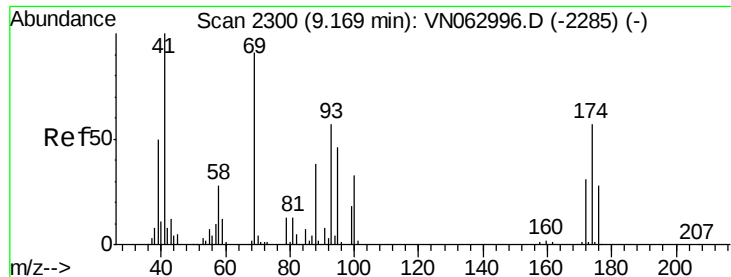
Tot Ion	83	Resp	298638
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.1	76.7
127	8.6	6.6	9.8



#48
Methyl methacrylate
Concen: 119.660 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion	41	Resp	206153
Ion Ratio	Lower	Upper	
41	100		
69	90.1	74.2	111.4
39	53.7	42.5	63.7

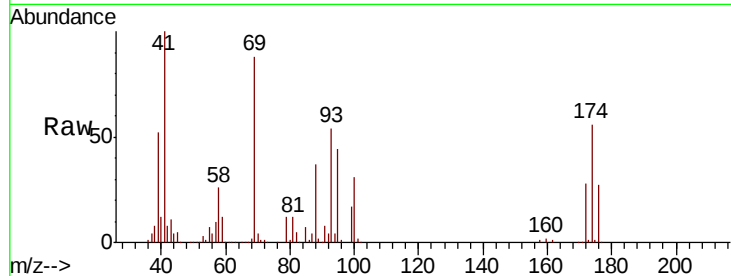




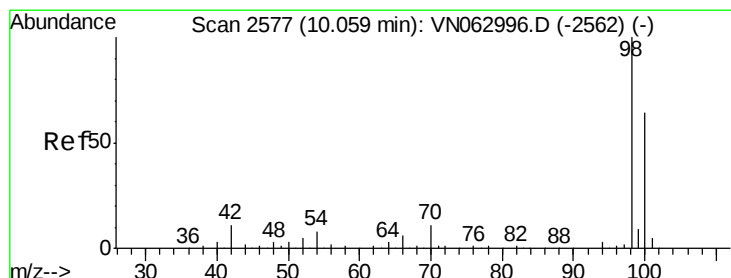
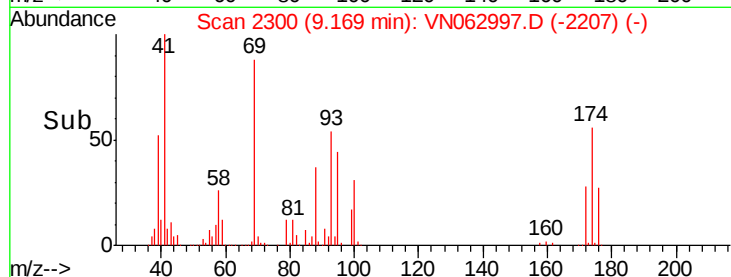
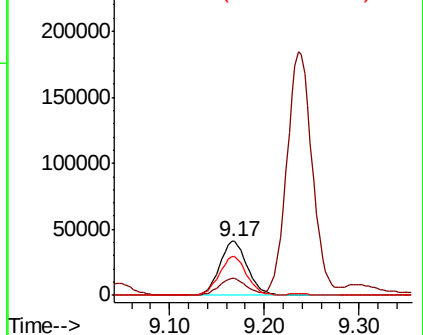
#49
 1,4-Dioxane
 Concen: 2505.028 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 88 Resp: 84125
 Ion Ratio Lower Upper
 88 100
 43 30.0 25.2 37.8
 58 70.7 56.7 85.1

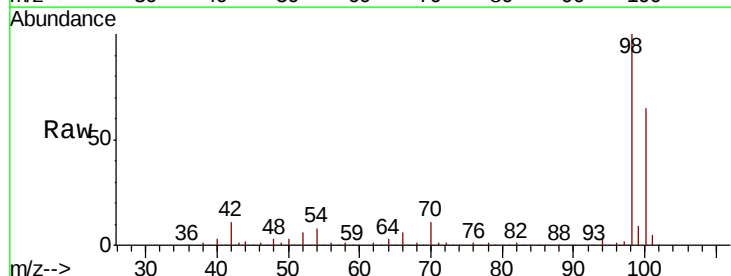


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

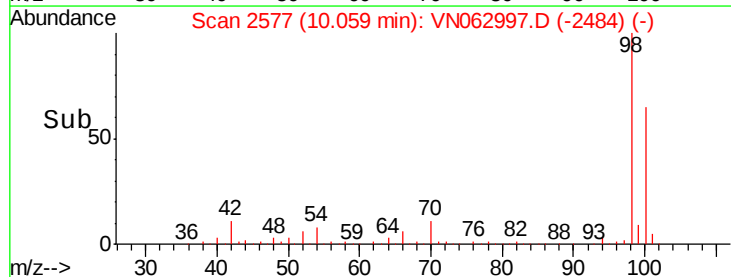
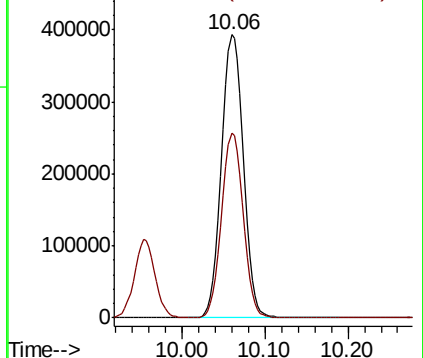


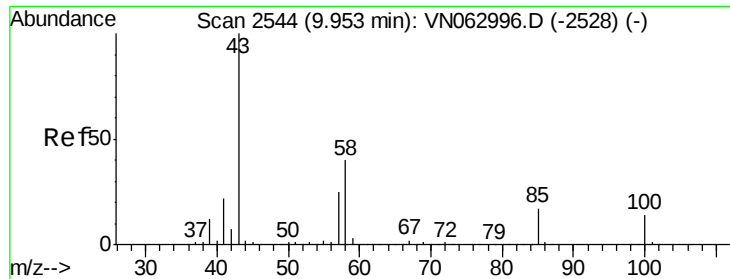
#50
 Toluene-d8
 Concen: 108.101 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion: 98 Resp: 720134
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 586.788 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

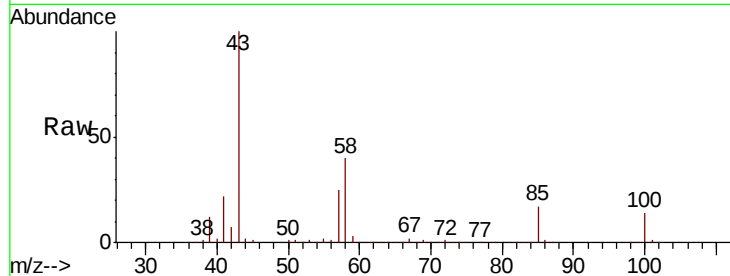
VSTDIC100

Tot Ion: 43 Resp: 1350522

Ion Ratio Lower Upper

43 100

58 40.0 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN062997.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062997.D (-2528) (-)

9.95

800000

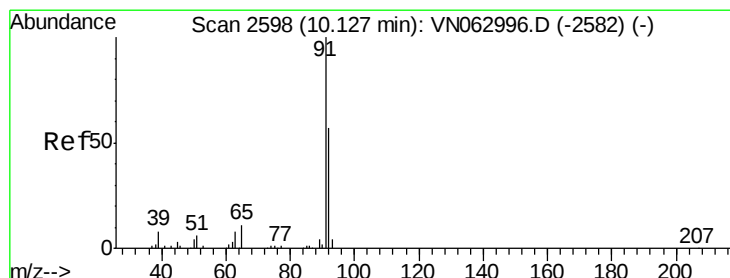
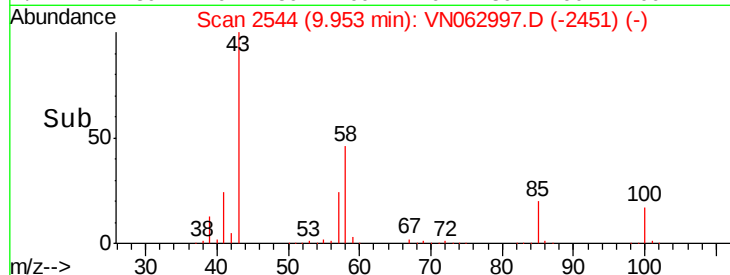
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 114.074 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062997.D

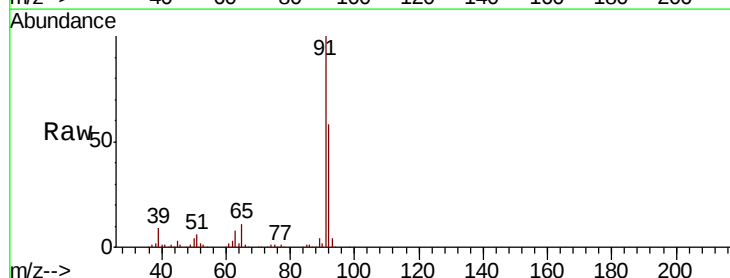
Acq: 18 Aug 2020 20:17

Tgt Ion: 92 Resp: 511937

Ion Ratio Lower Upper

92 100

91 174.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062997.D (-2505) (-)

Ion 91.00 (90.70 to 91.70): VN062997.D (-2505) (-)

10.13

500000

400000

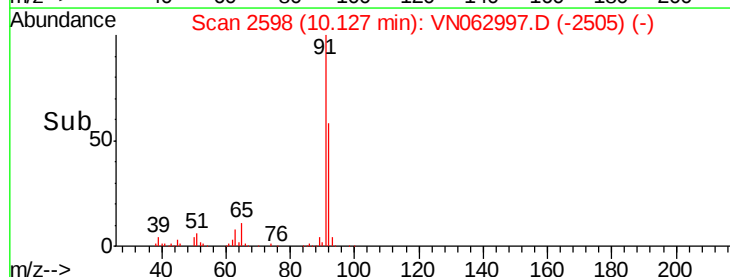
300000

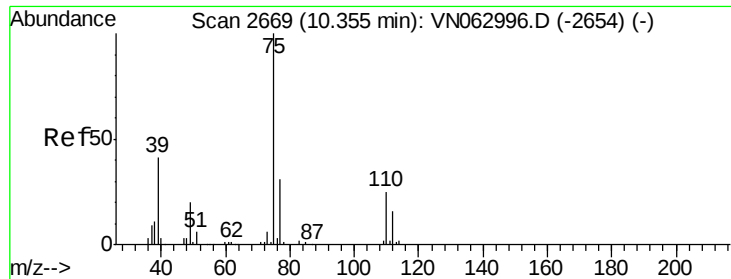
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 116.702 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

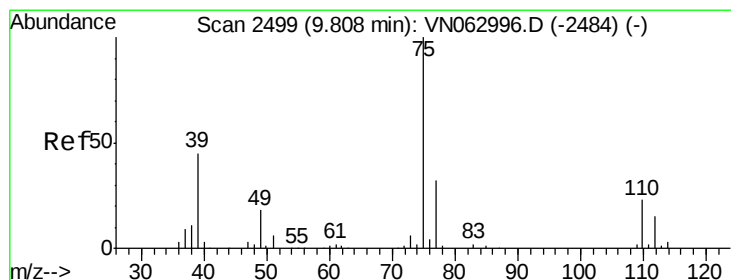
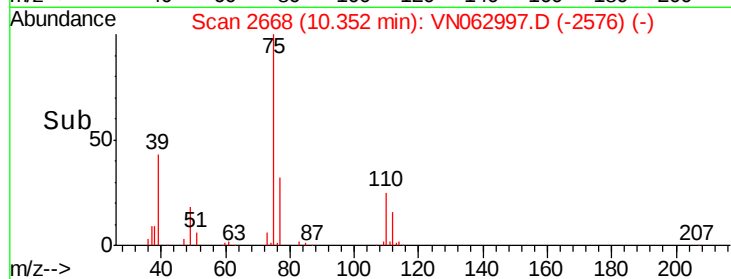
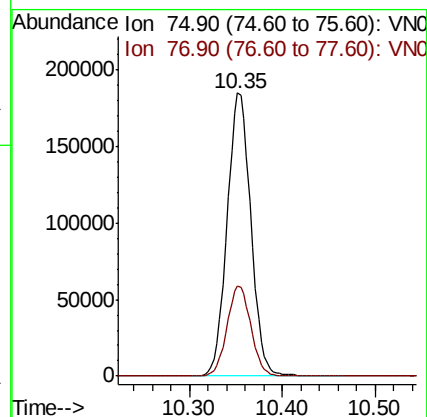
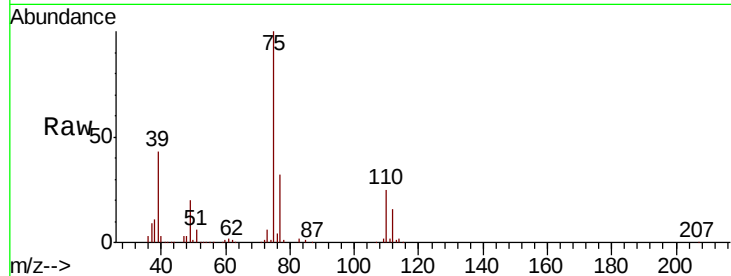
VSTDIC100

Tot Ion: 75 Resp: 328372

Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 115.360 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

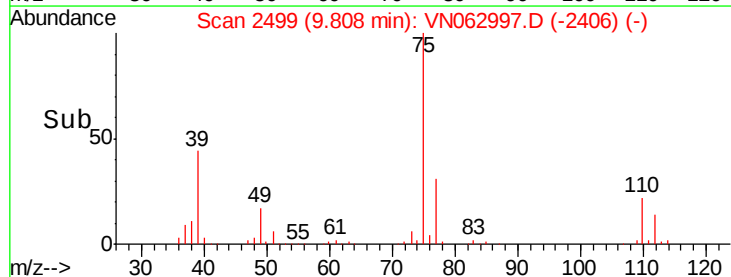
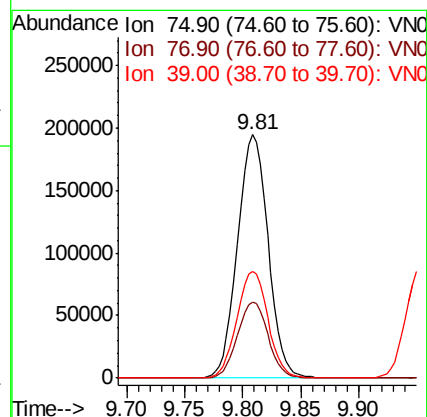
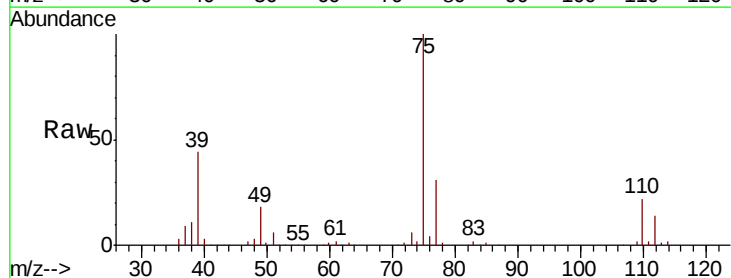
Tgt Ion: 75 Resp: 356078

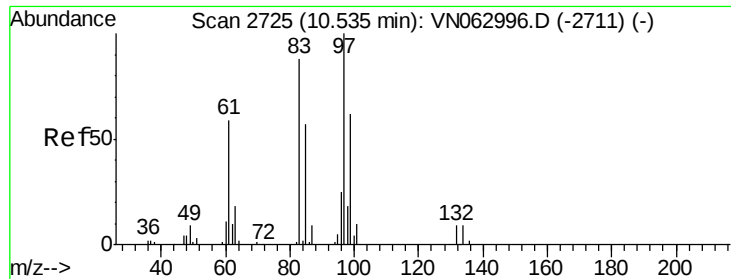
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 44.0 35.7 53.5

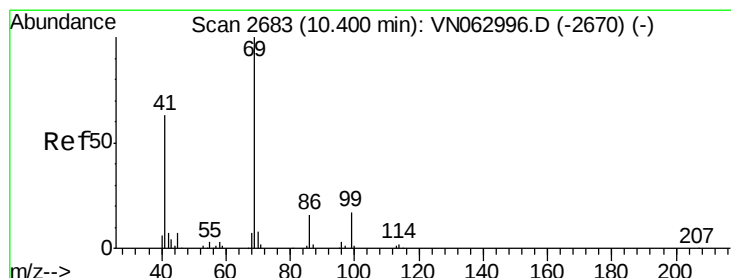
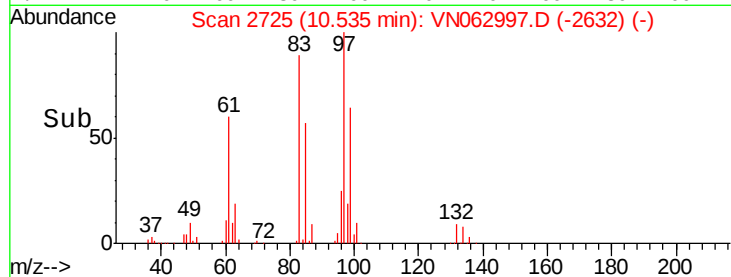
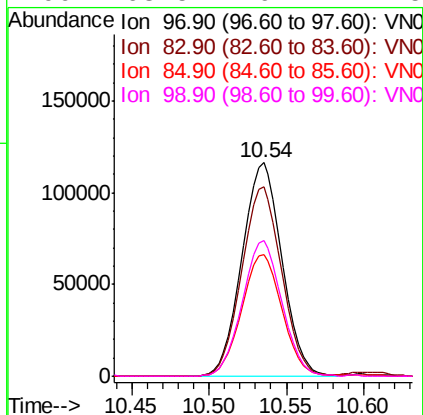
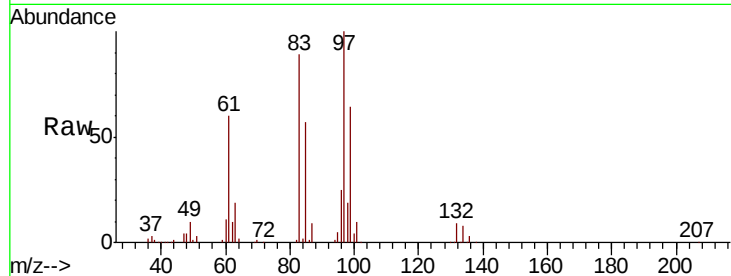




#55
 1,1,2-Trichloroethane
 Concen: 109.272 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

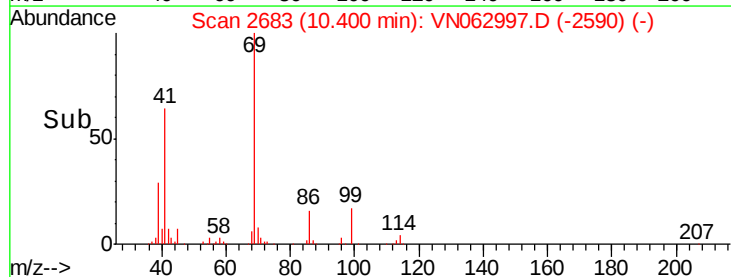
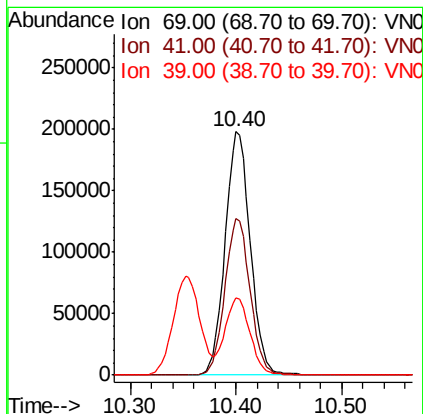
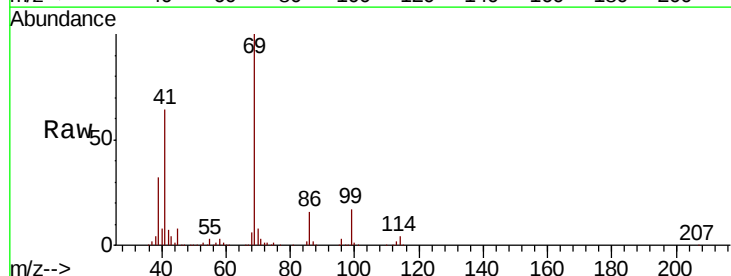
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

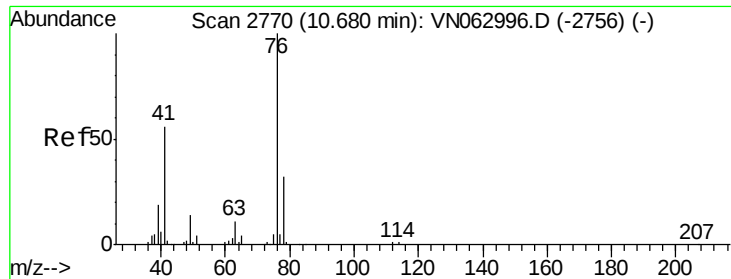
Tot Ion:	97	Resp:	209682
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.5	105.7
85	56.8	45.8	68.6
99	63.5	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 126.035 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion:	69	Resp:	326587
Ion	Ratio	Lower	Upper
69	100		
41	64.1	50.2	75.2
39	31.9	24.2	36.4





#57

1,3-Dichloropropane

Concen: 110.750 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

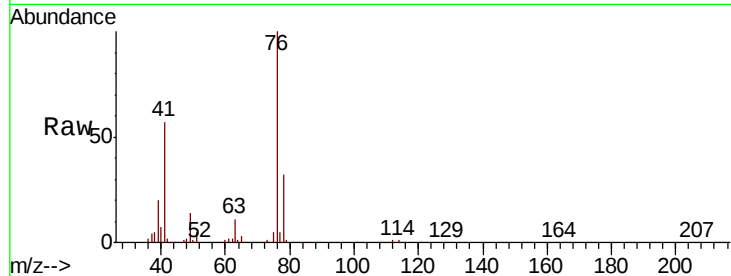
VSTDIC100

Tot Ion: 76 Resp: 352898

Ion Ratio Lower Upper

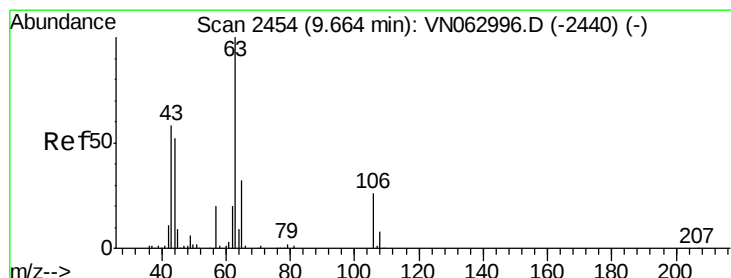
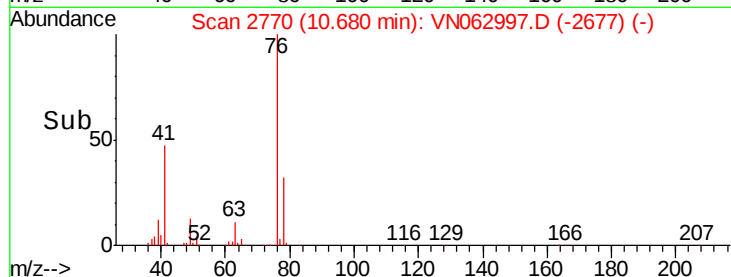
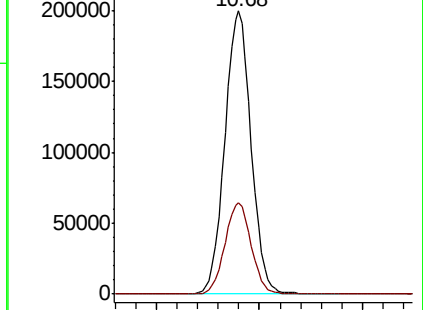
76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN062997.D (-2756) (-)

Ion 77.90 (77.60 to 78.60): VN062997.D (-2756) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 657.417 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062997.D

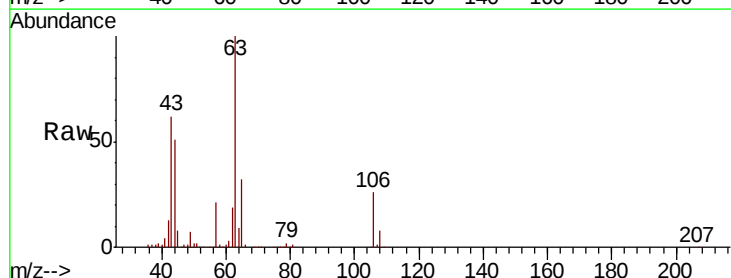
Acq: 18 Aug 2020 20:17

Tgt Ion: 63 Resp: 408287

Ion Ratio Lower Upper

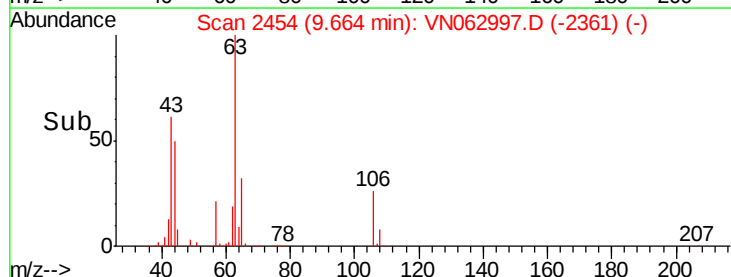
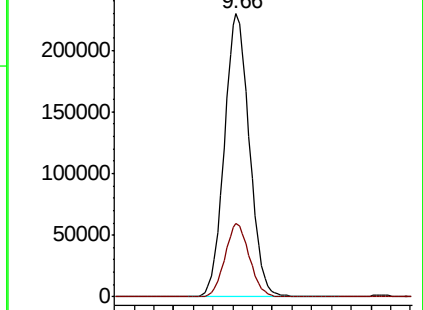
63 100

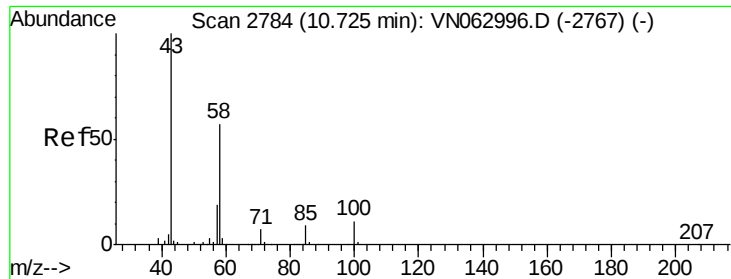
106 25.3 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN062997.D (-2440) (-)

Ion 105.90 (105.60 to 106.60): VN062997.D (-2440) (-)

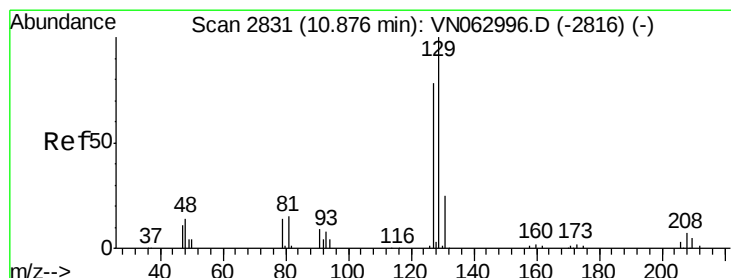
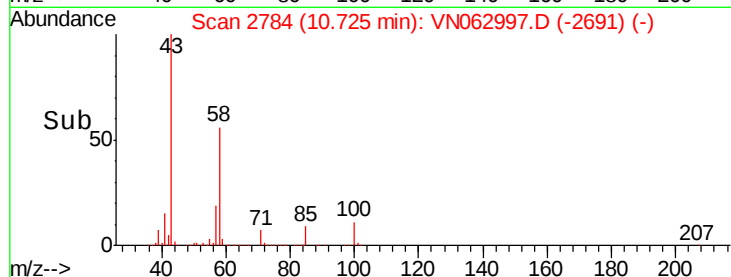
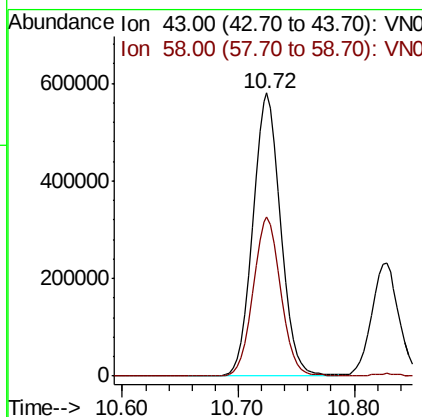
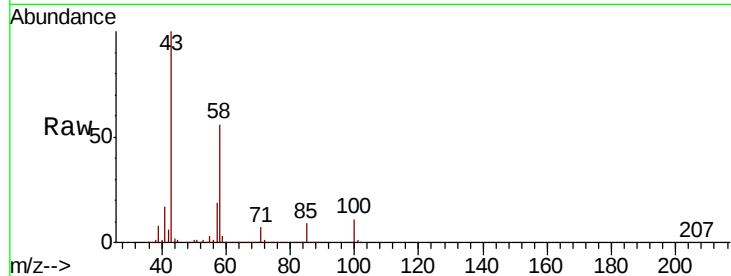




#59
2-Hexanone
Concen: 605.080 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

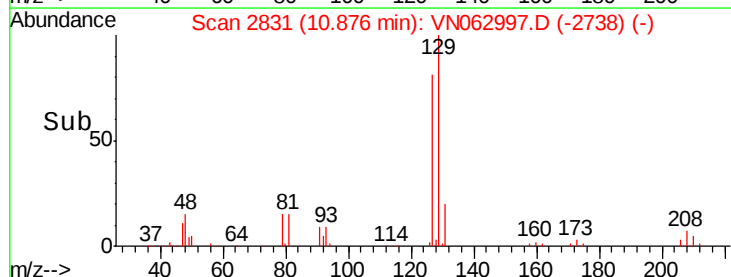
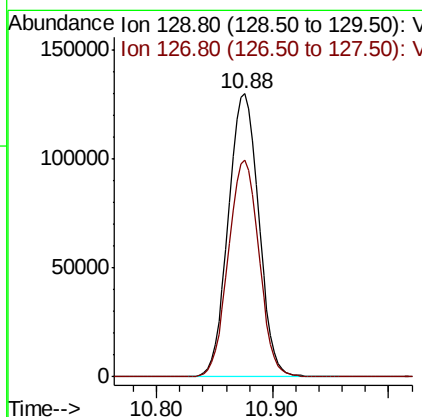
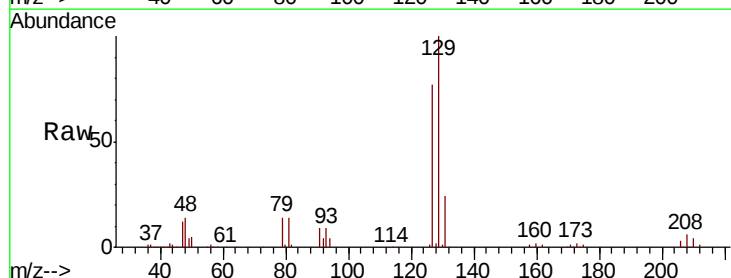
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

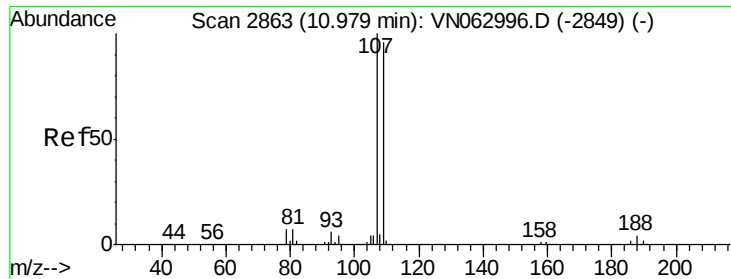
Tot Ion: 43 Resp: 971390
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.3



#60
Dibromochloromethane
Concen: 111.087 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 129 Resp: 235904
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2

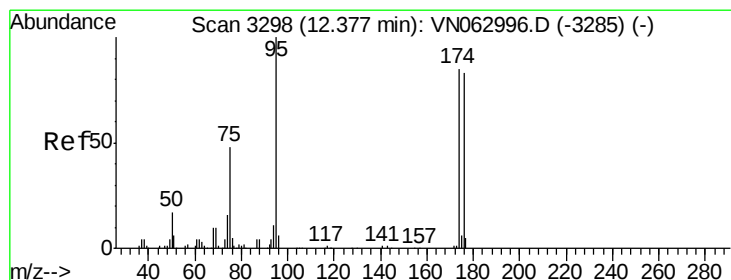
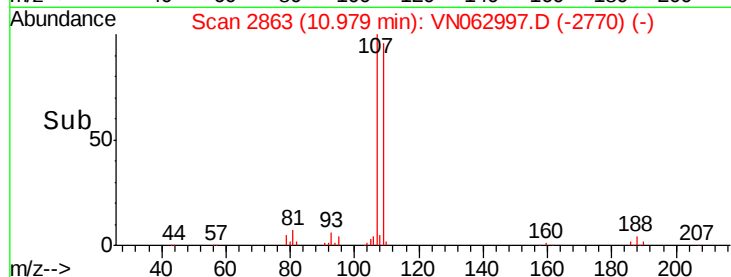
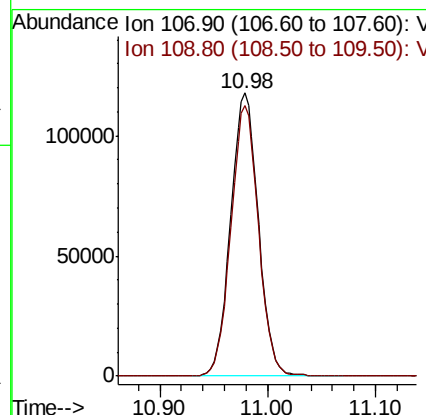
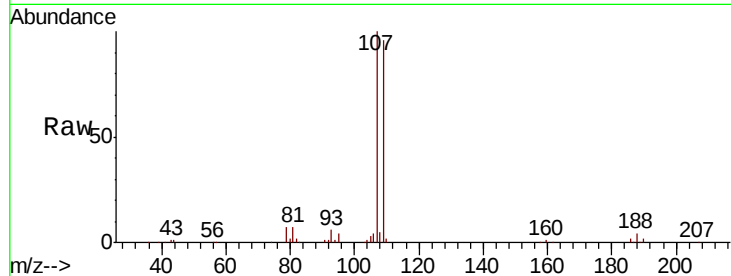




#61
 1,2-Dibromoethane
 Concen: 114.377 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

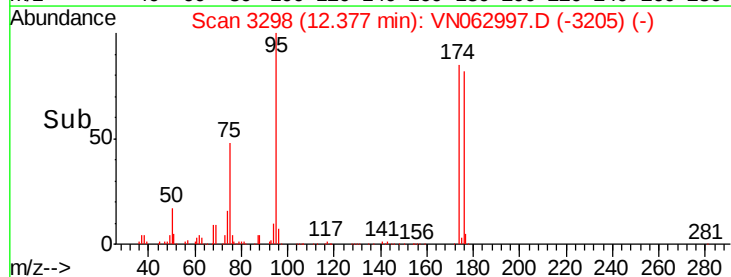
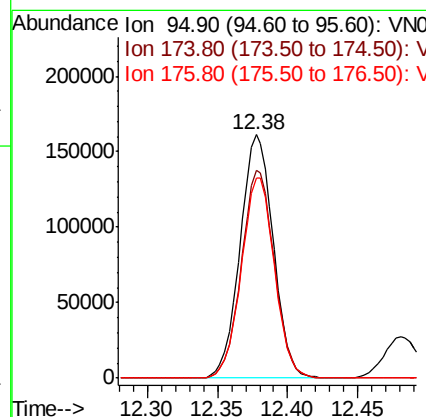
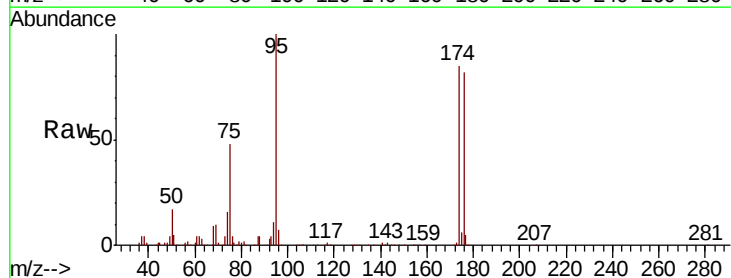
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

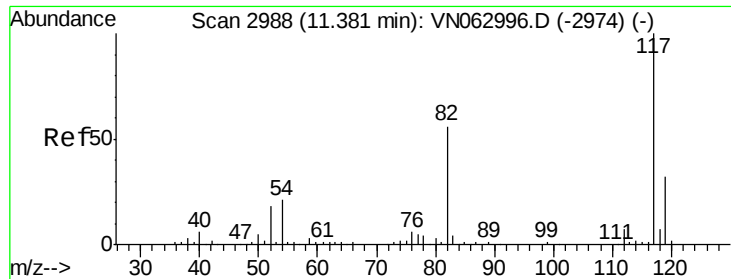
Tot Ion:107 Resp: 210890
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 113.150 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion: 95 Resp: 265993
 Ion Ratio Lower Upper
 95 100
 174 84.9 0.0 170.8
 176 82.3 0.0 164.8

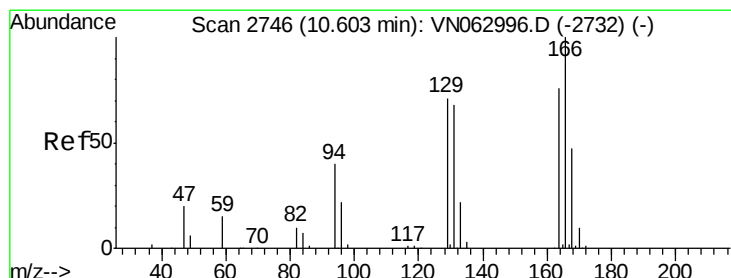
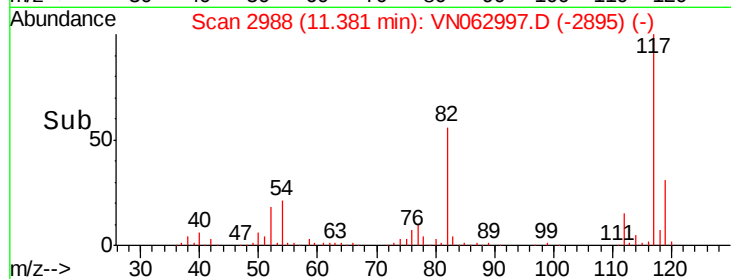
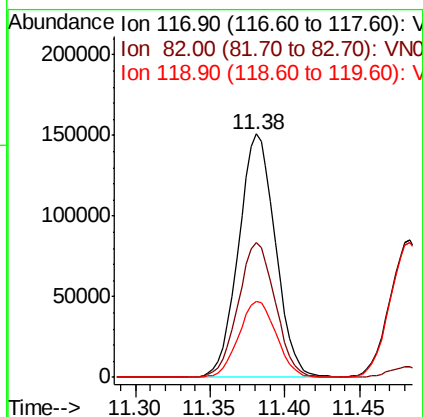
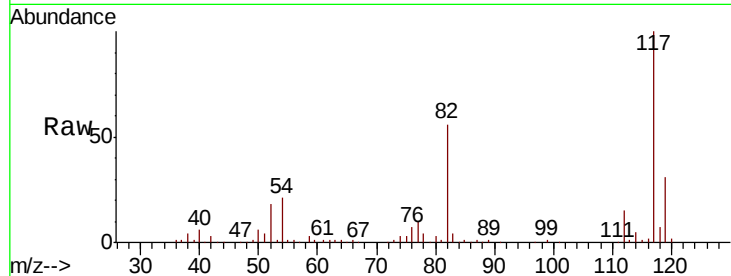




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

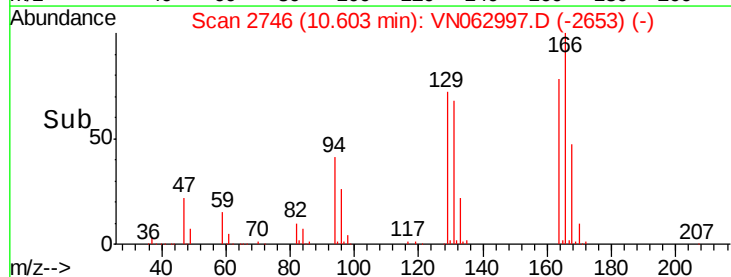
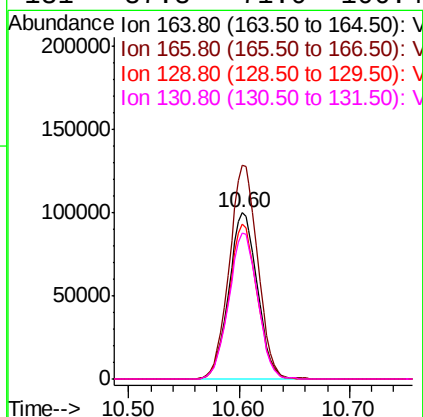
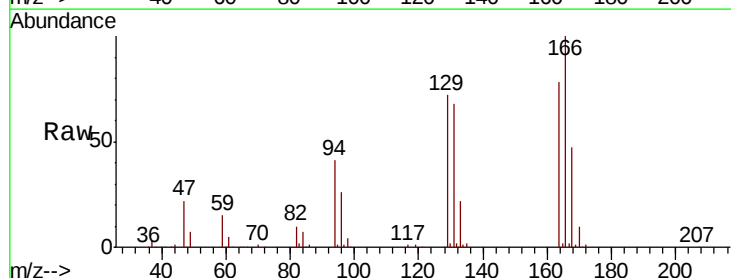
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

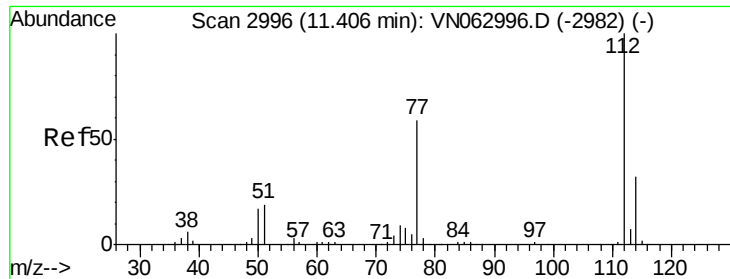
Tot Ion:117 Resp: 258321
Ion Ratio Lower Upper
117 100
82 55.5 44.5 66.7
119 31.1 25.5 38.3



#64
Tetrachloroethene
Concen: 105.181 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion:164 Resp: 178603
Ion Ratio Lower Upper
164 100
166 128.5 105.0 157.6
129 93.0 74.7 112.1
131 87.8 71.0 106.4

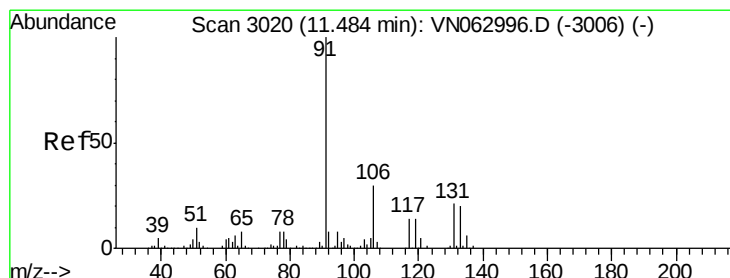
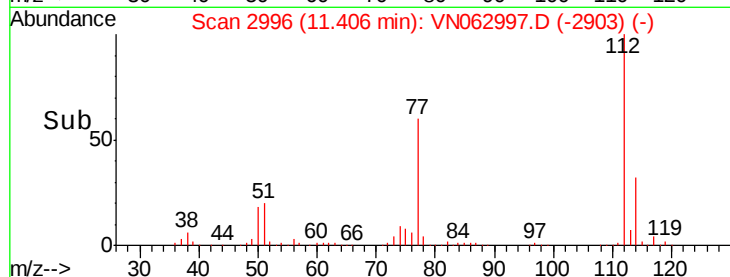
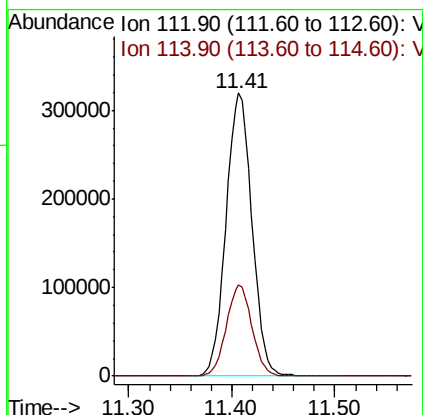
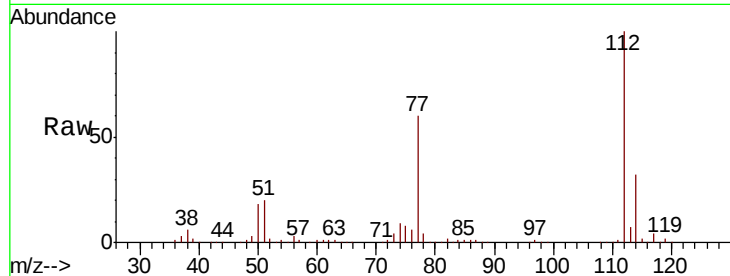




#65
Chlorobenzene
Concen: 107.973 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

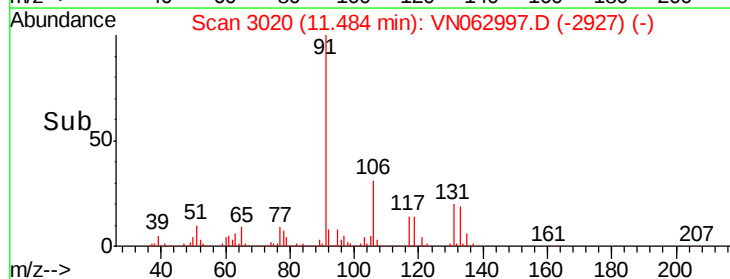
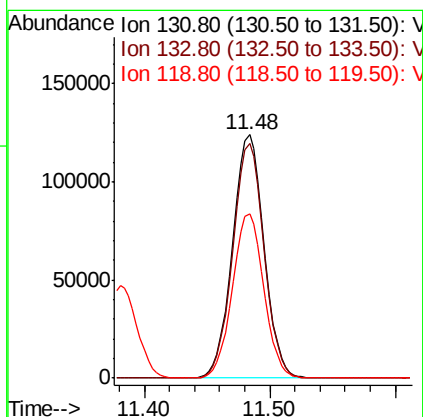
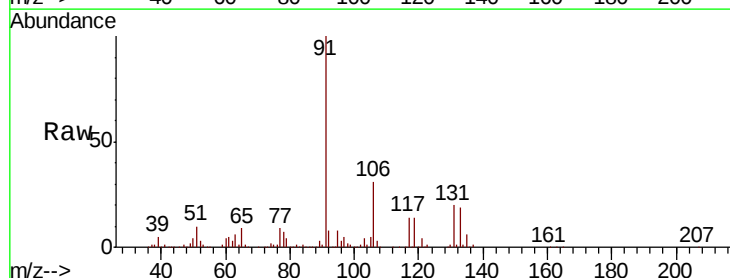
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

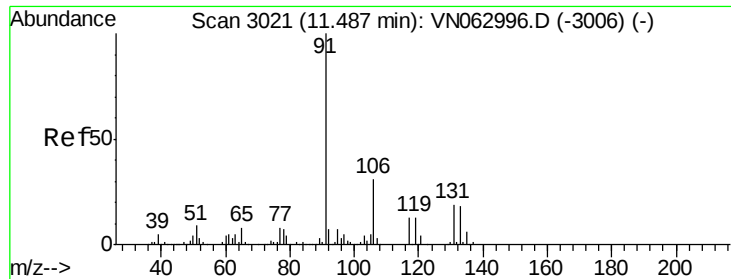
Tot Ion:112 Resp: 560169
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 107.071 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion:131 Resp: 216061
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 67.6 33.1 99.3

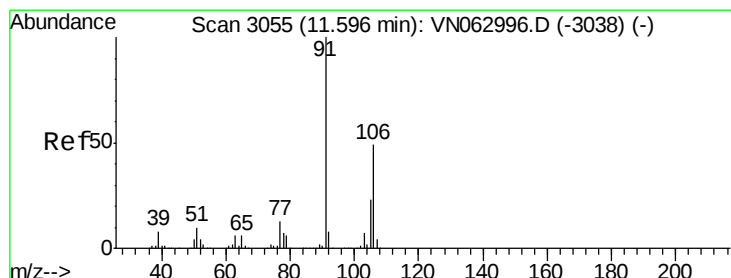
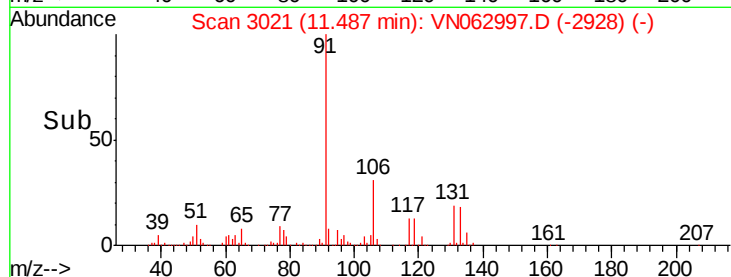
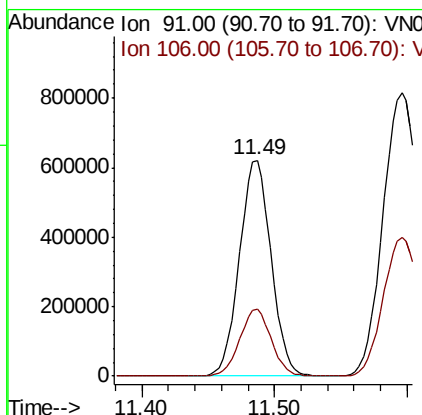
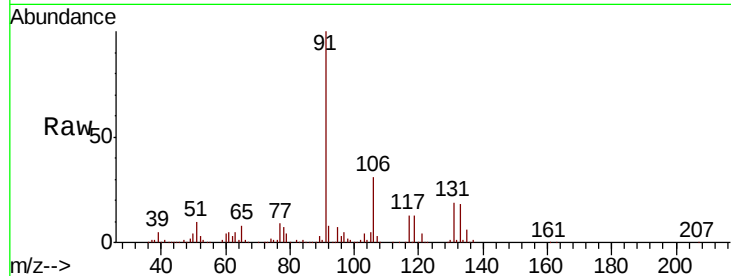




#67
Ethyl Benzene
Concen: 117.560 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

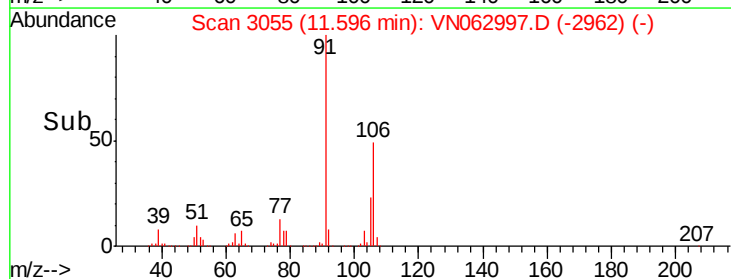
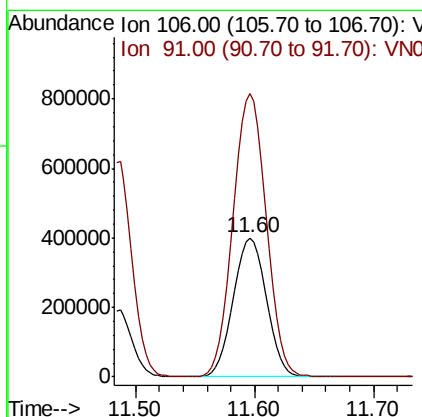
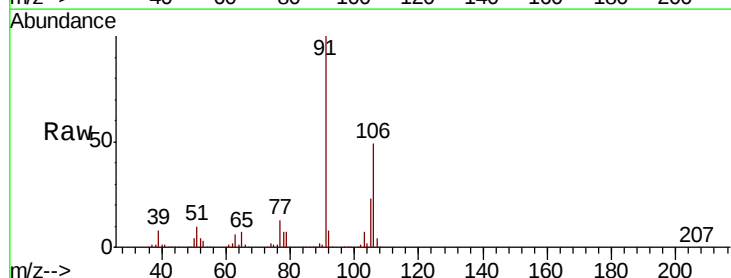
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

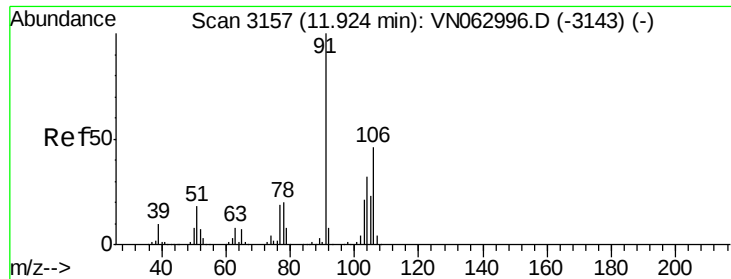
Tot Ion: 91 Resp: 1030566
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



#68
m/p-Xylenes
Concen: 237.068 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 106 Resp: 772400
Ion Ratio Lower Upper
106 100
91 204.6 163.0 244.4

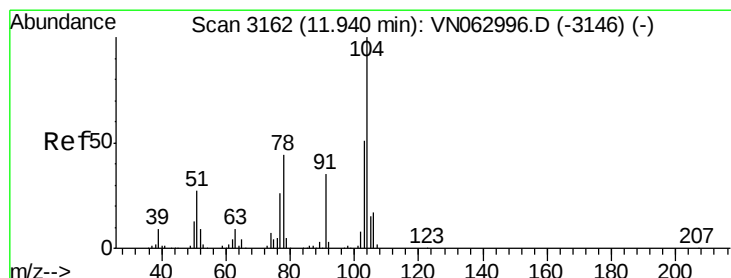
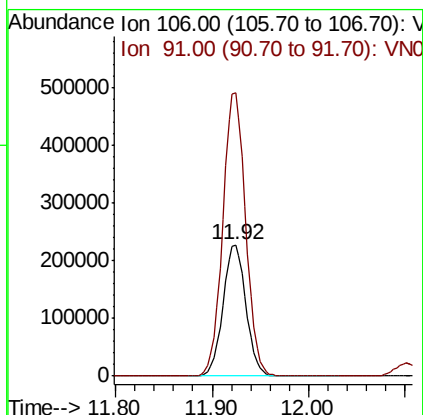
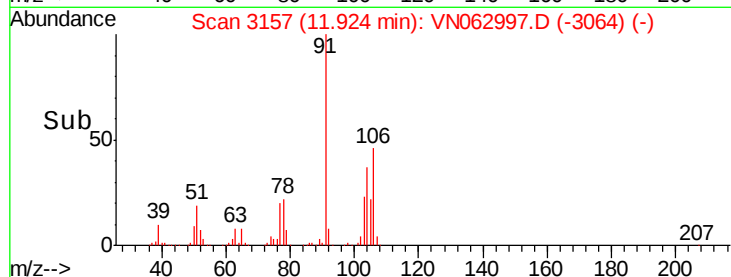
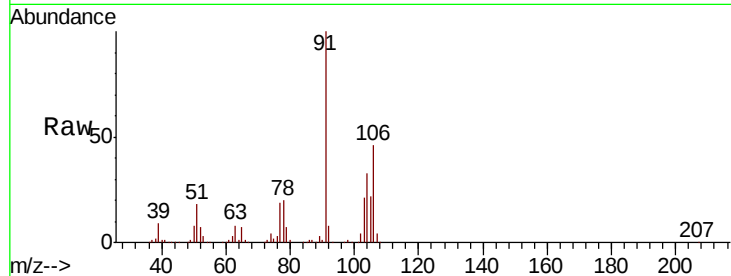




#69
o-Xylene
Concen: 119.574 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

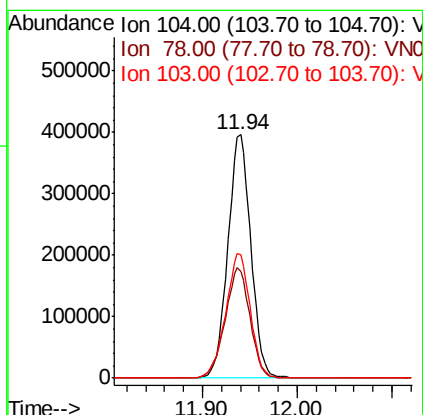
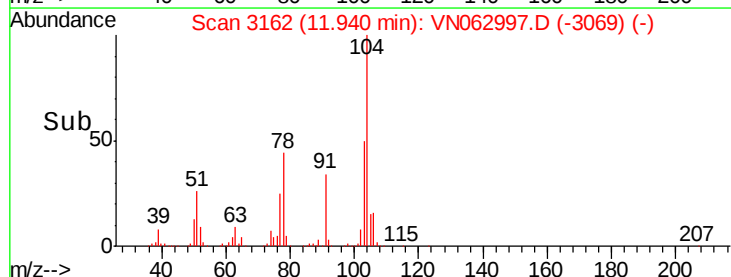
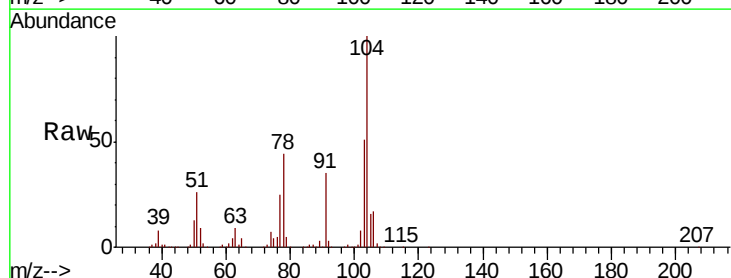
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

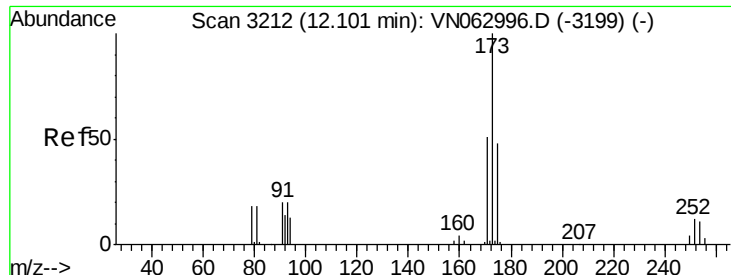
Tot Ion:106 Resp: 374114
Ion Ratio Lower Upper
106 100
91 215.5 107.3 321.9



#70
Styrene
Concen: 125.083 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion:104 Resp: 671620
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 54.4 44.3 66.5





#71

Bromoform

Concen: 113.144 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

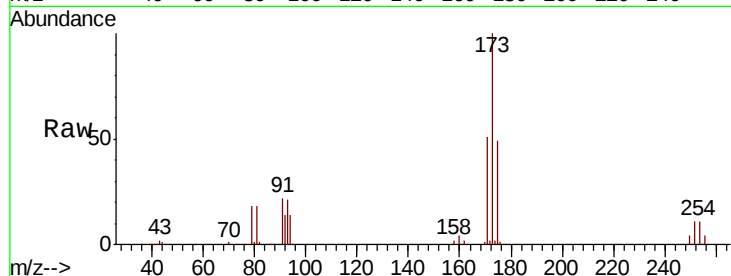
Tot Ion:173 Resp: 181732

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

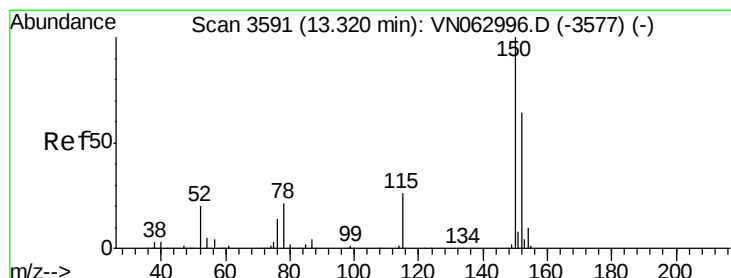
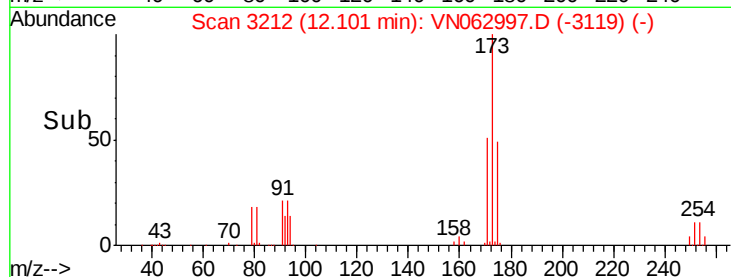
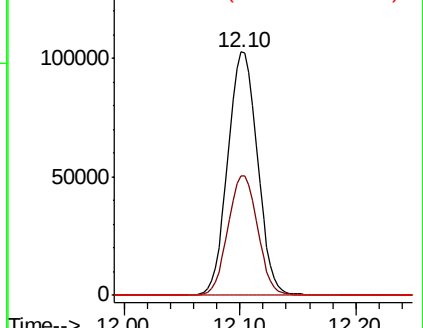
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

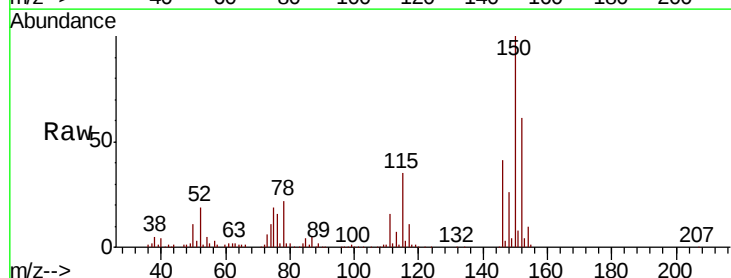
Tgt Ion:152 Resp: 134510

Ion Ratio Lower Upper

152 100

115 57.7 28.7 86.3

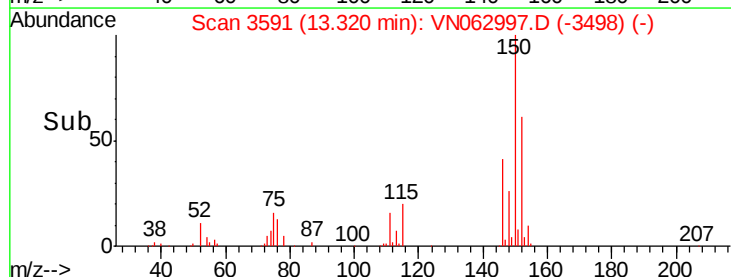
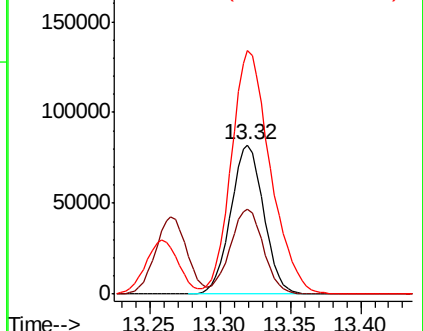
150 192.6 0.0 348.8

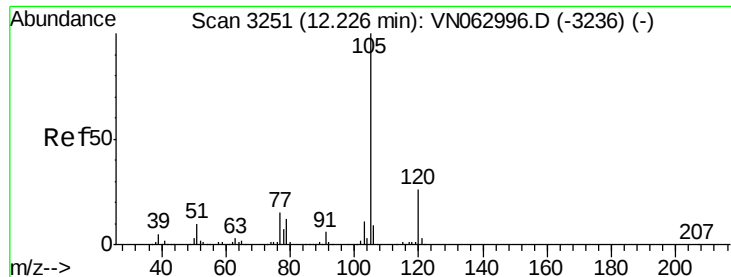


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 109.066 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

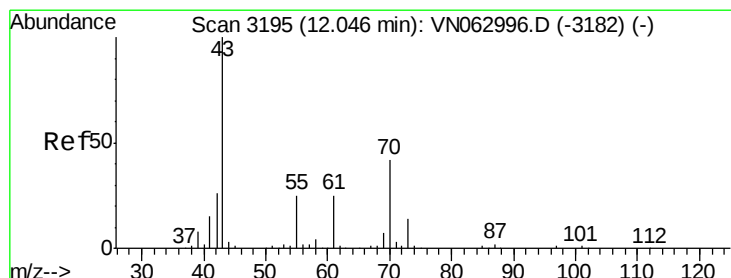
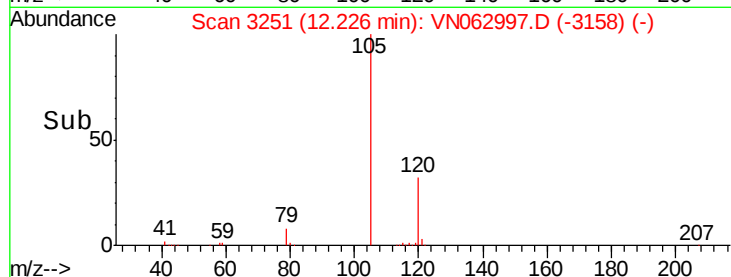
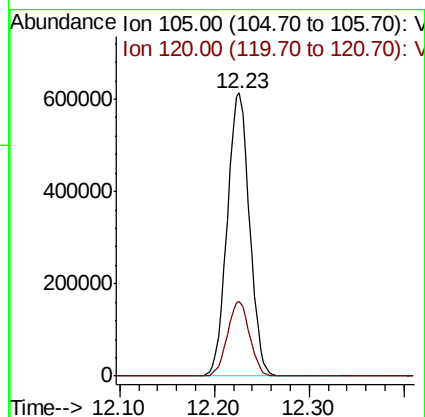
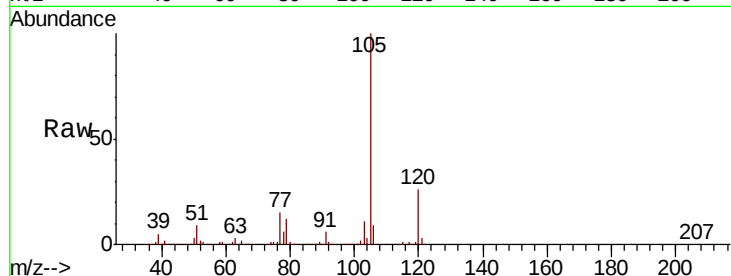
VSTDIC100

Tot Ion:105 Resp: 1004633

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 117.199 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Tgt Ion: 43 Resp: 386640

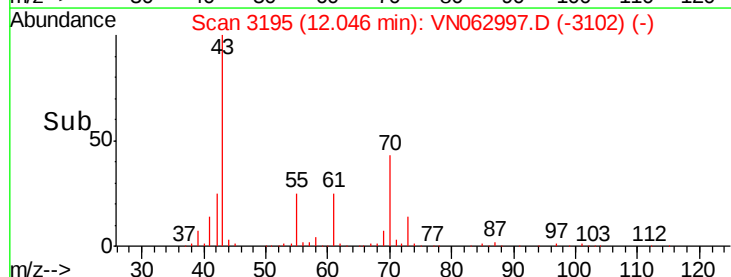
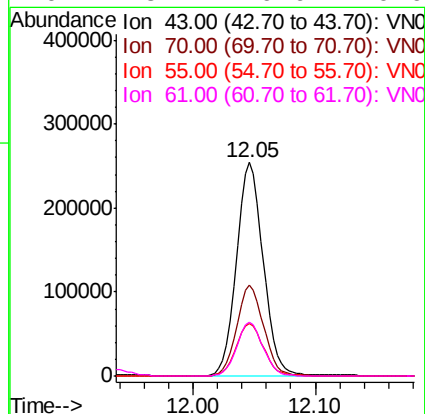
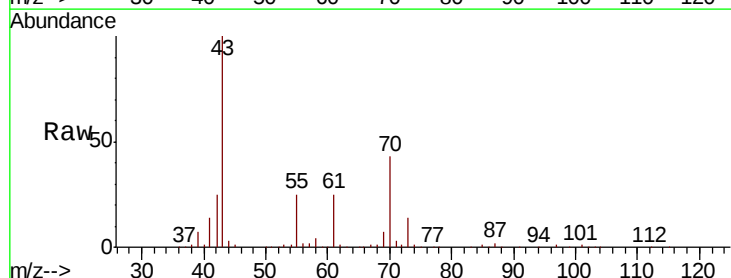
Ion Ratio Lower Upper

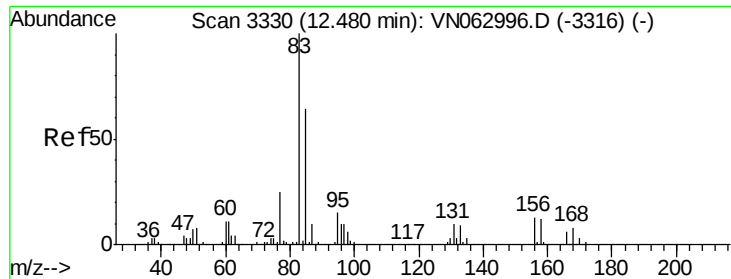
43 100

70 43.0 33.4 50.0

55 25.3 20.2 30.2

61 25.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 95.812 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

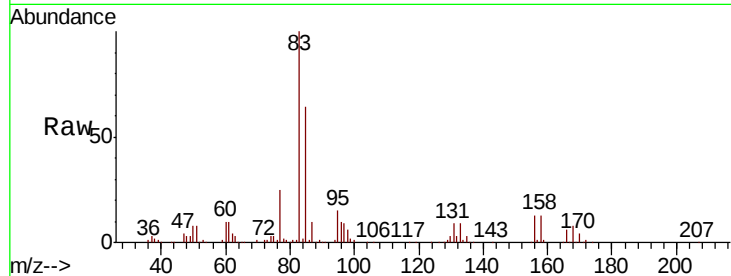
Tot Ion: 83 Resp: 314885

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

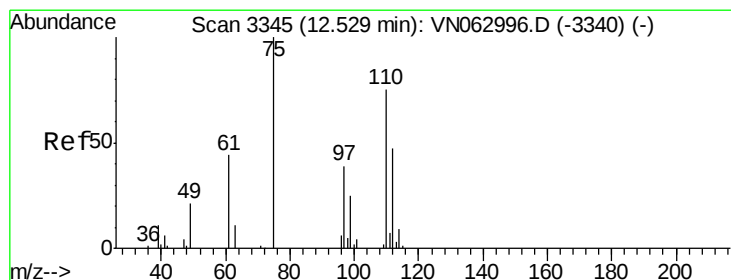
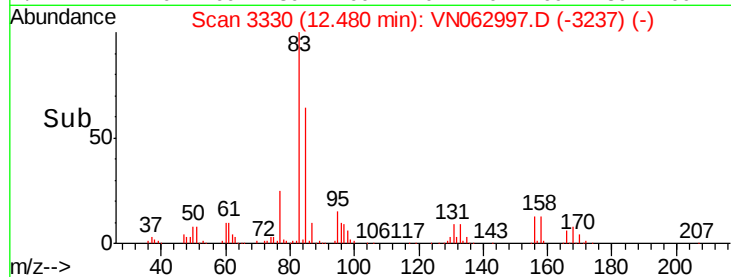
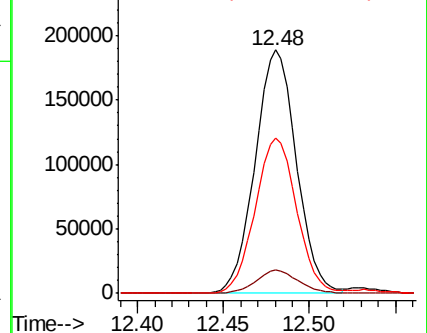
85 64.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN062997.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062997.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062997.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 149.576 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062997.D

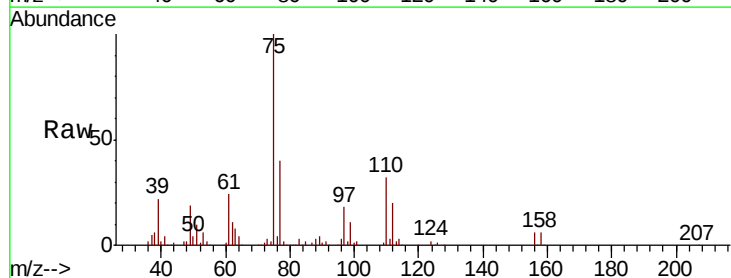
Acq: 18 Aug 2020 20:17

Tgt Ion: 75 Resp: 396259

Ion Ratio Lower Upper

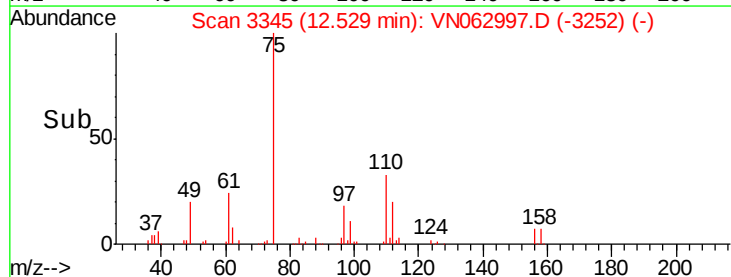
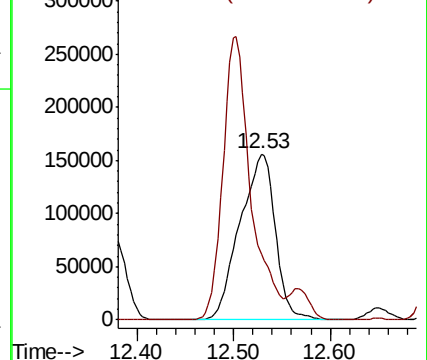
75 100

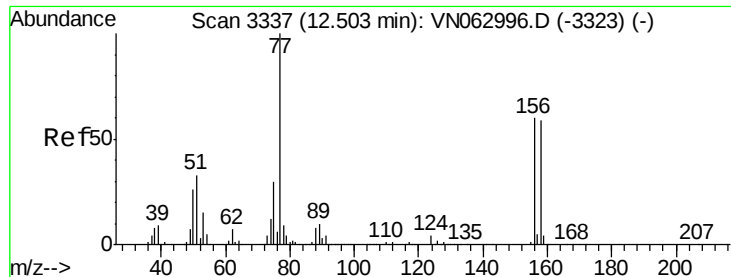
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062997.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062997.D (-3252) (-)





#77

Bromobenzene

Concen: 104.612 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

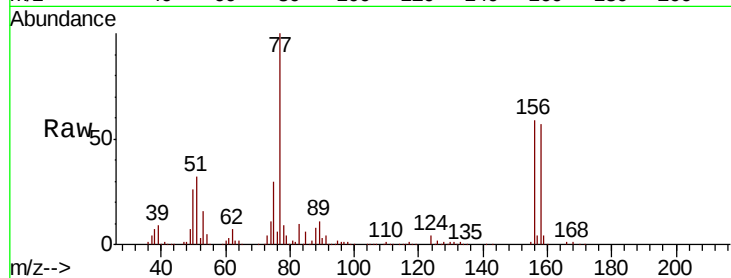
Tot Ion:156 Resp: 265020

Ion Ratio Lower Upper

156 100

77 201.9 101.0 302.9

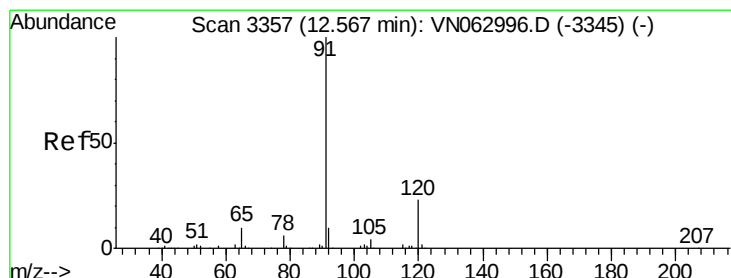
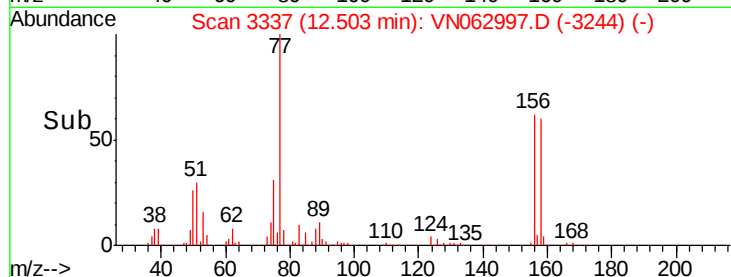
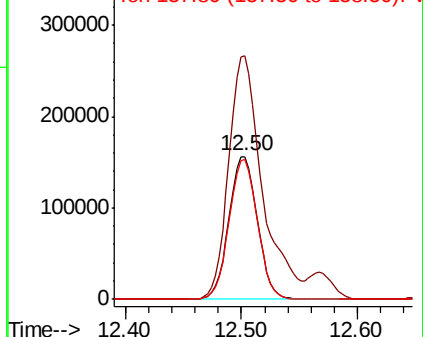
158 97.4 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 114.339 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062997.D

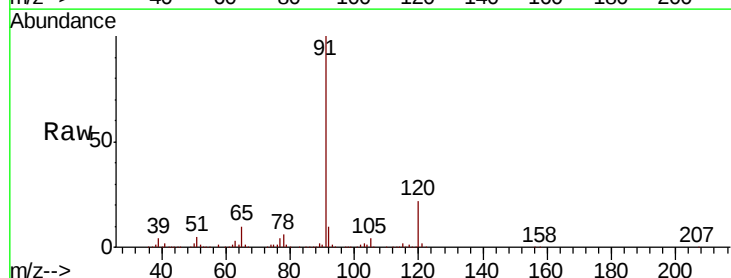
Acq: 18 Aug 2020 20:17

Tgt Ion: 91 Resp: 1200466

Ion Ratio Lower Upper

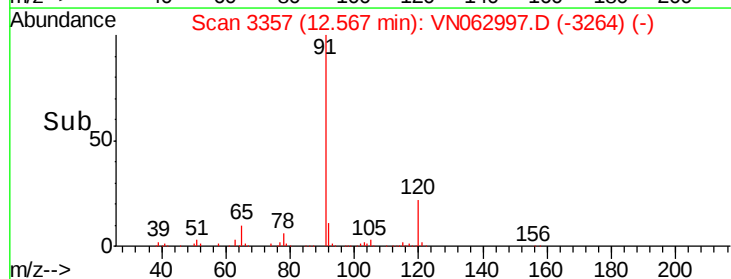
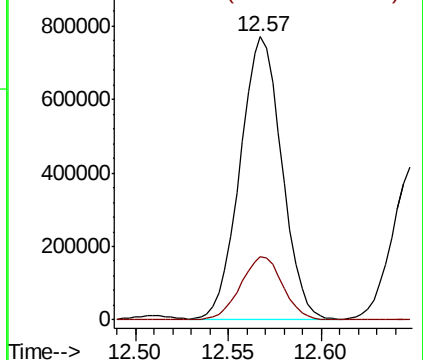
91 100

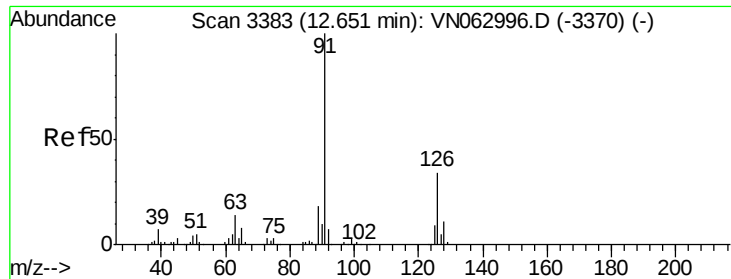
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

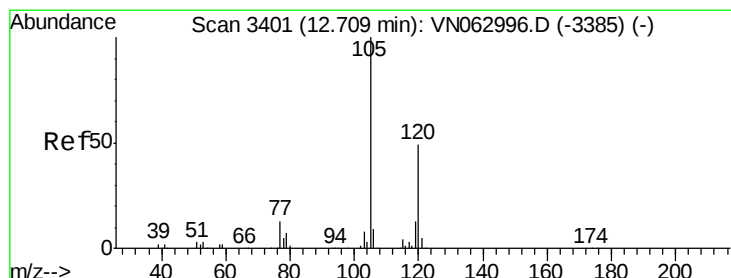
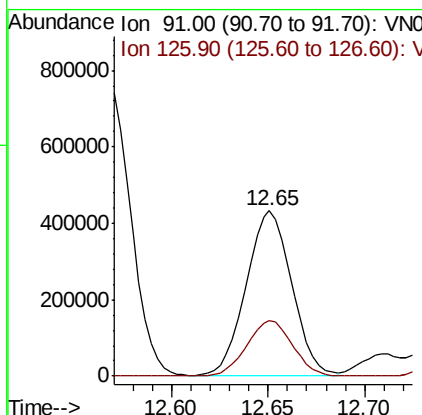
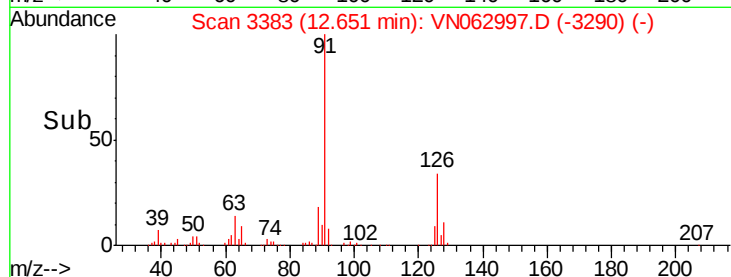
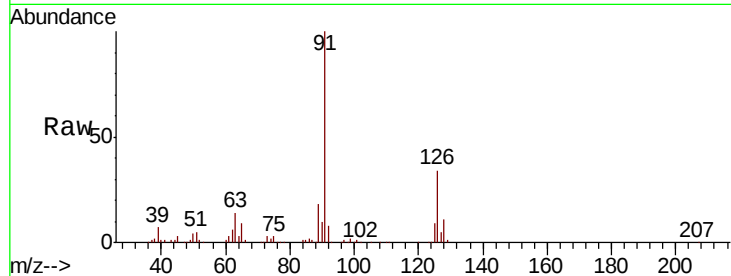




#79
2-Chlorotoluene
Concen: 106.967 ug/l
RT: 12.65 min Scan# 3383
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

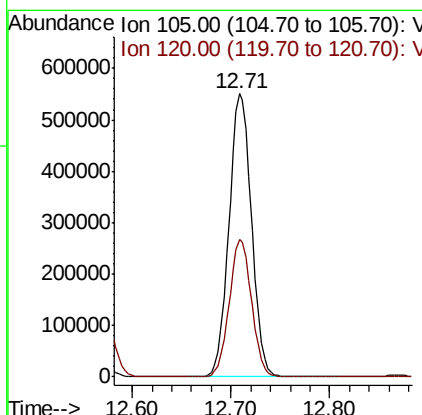
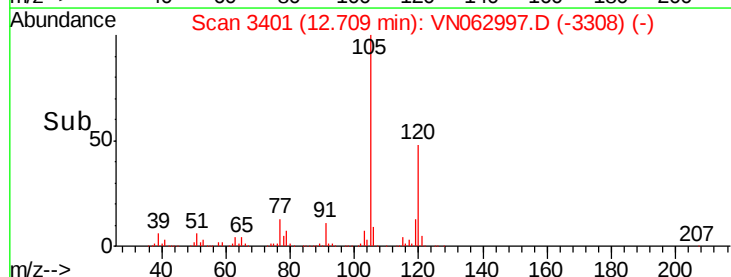
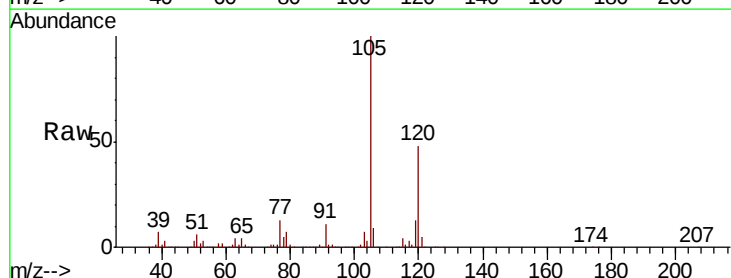
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

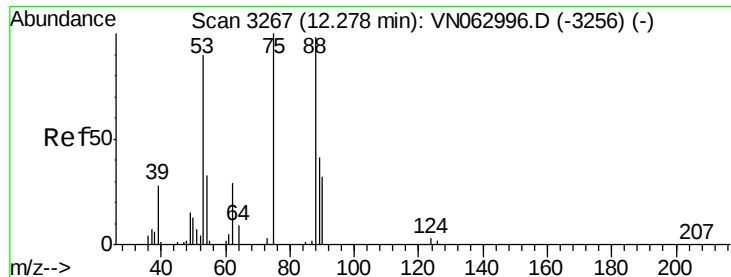
Tot Ion: 91 Resp: 706393
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 115.411 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 105 Resp: 878798
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 113.384 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

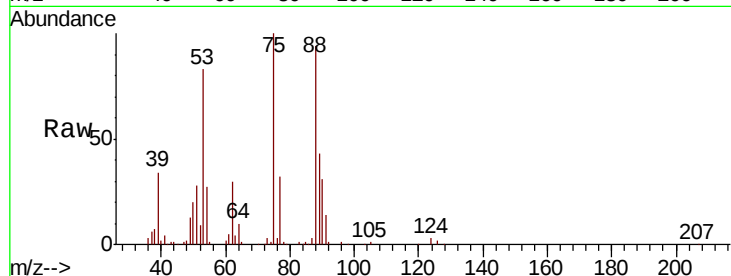
Tot Ion: 75 Resp: 107939

Ion Ratio Lower Upper

75 100

53 84.5 69.2 103.8

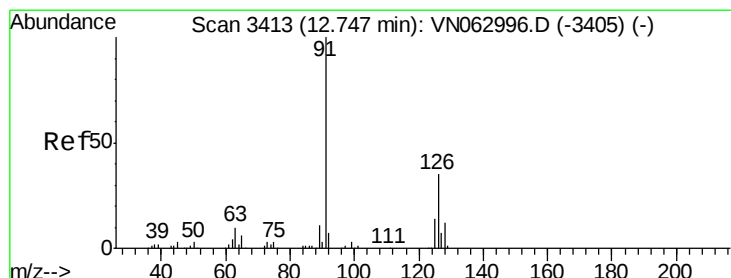
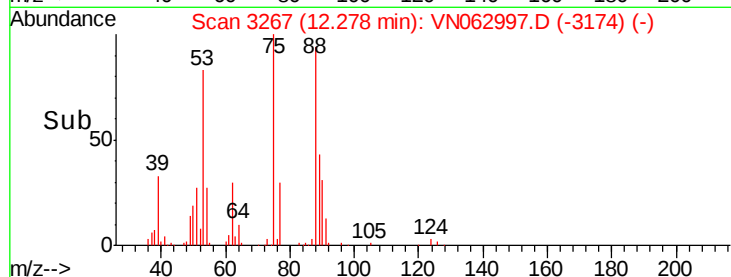
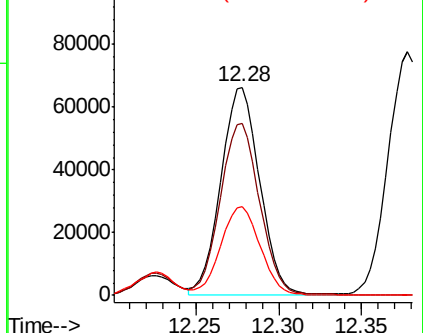
89 43.6 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VN062997.D (-3174) (-)

Ion 53.00 (52.70 to 53.70): VN062997.D (-3174) (-)

Ion 88.90 (88.60 to 89.60): VN062997.D (-3174) (-)



#82

4-Chlorotoluene

Concen: 110.667 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062997.D

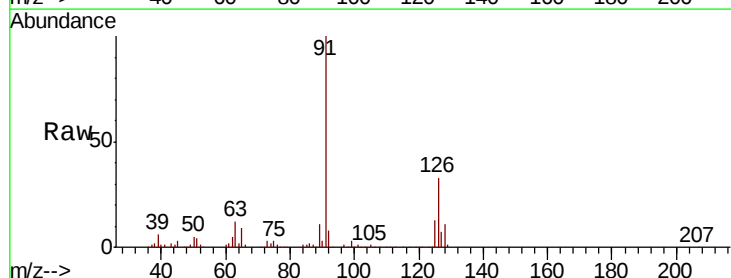
Acq: 18 Aug 2020 20:17

Tgt Ion: 91 Resp: 744174

Ion Ratio Lower Upper

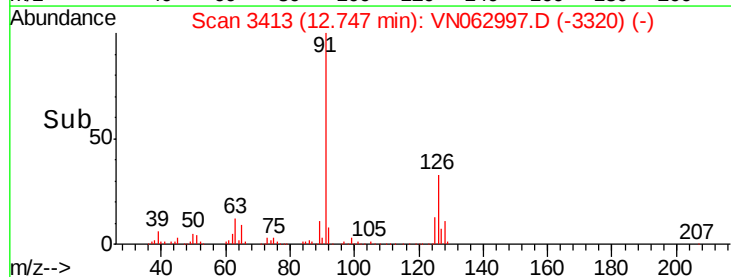
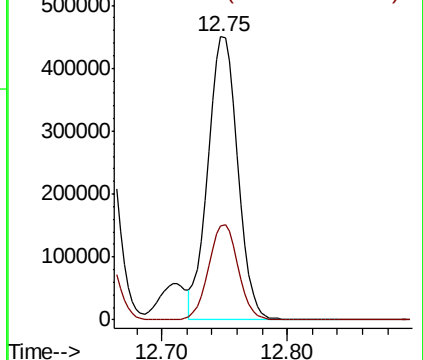
91 100

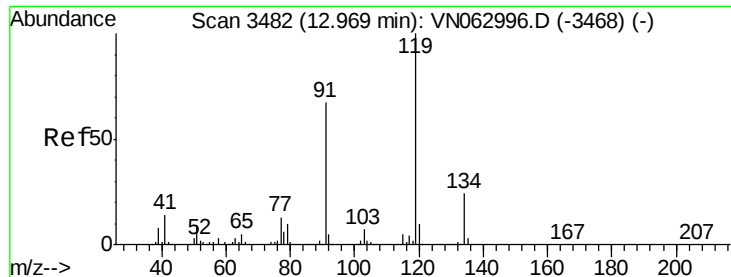
126 33.5 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN062997.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062997.D (-3320) (-)

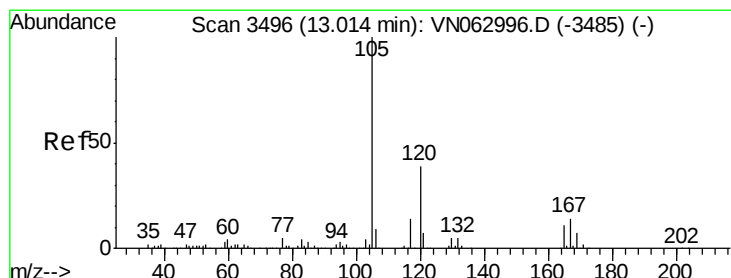
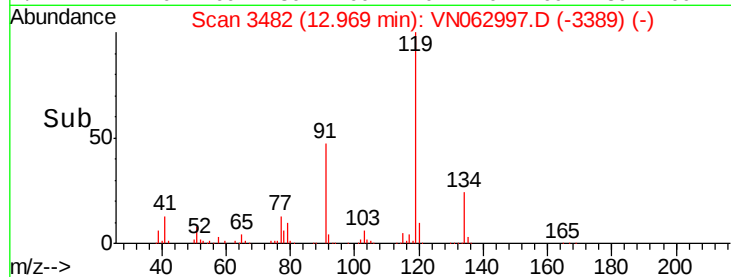
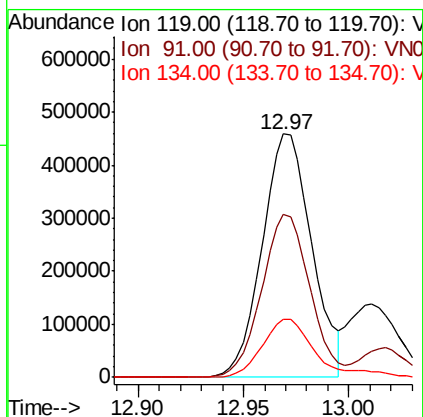
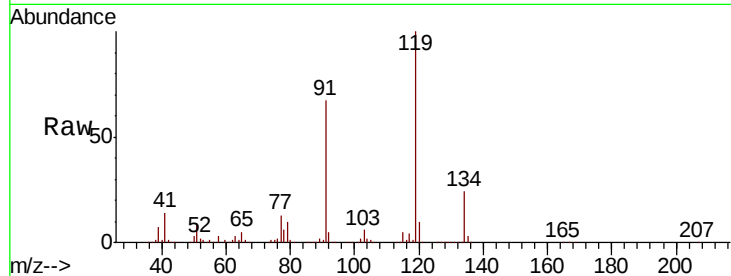




#83
tert-Butylbenzene
Concen: 114.241 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

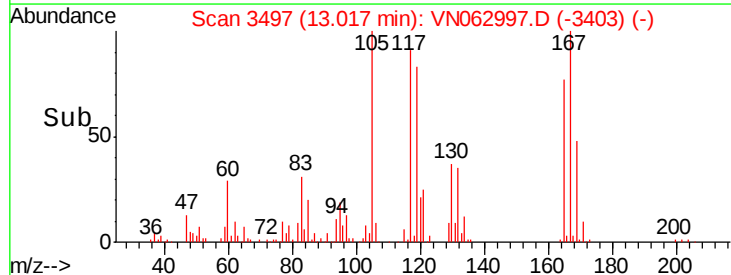
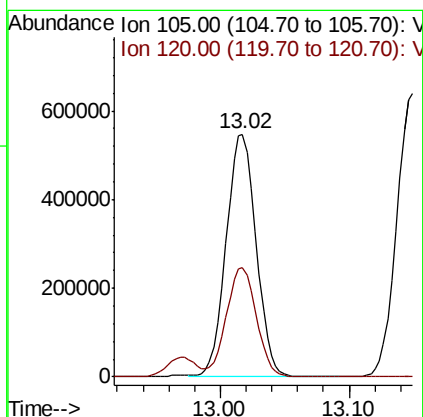
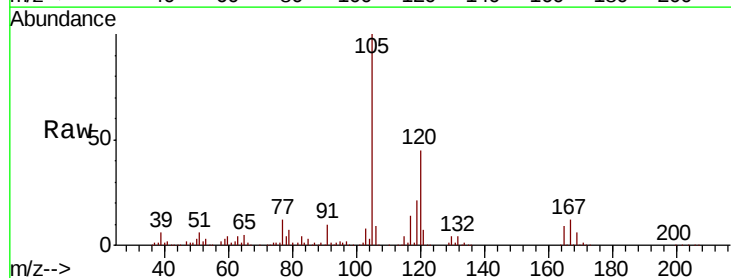
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

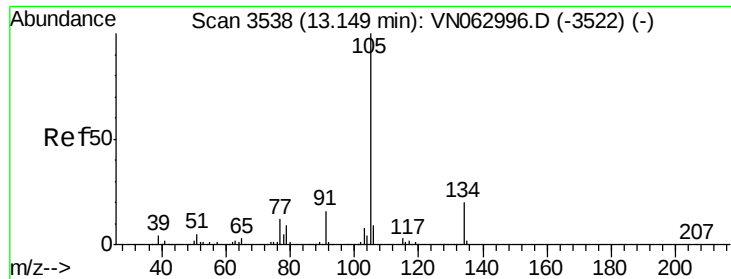
Tot Ion:119 Resp: 750807
Ion Ratio Lower Upper
119 100
91 64.9 32.5 97.4
134 23.9 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 118.690 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion:105 Resp: 880457
Ion Ratio Lower Upper
105 100
120 45.2 22.5 67.5





#85

sec-Butylbenzene

Concen: 114.432 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

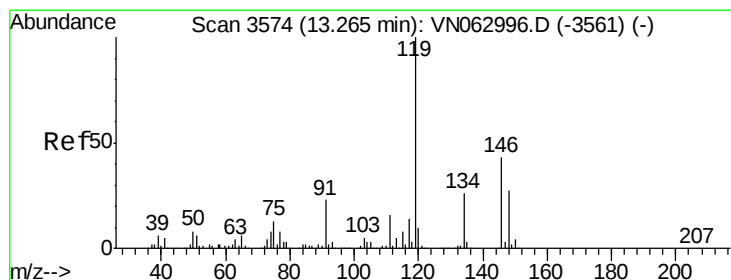
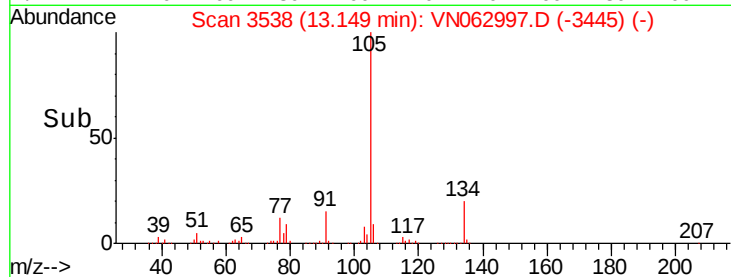
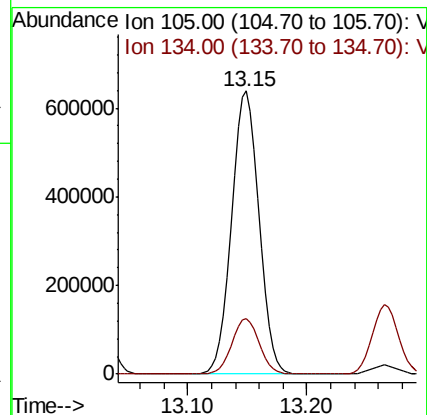
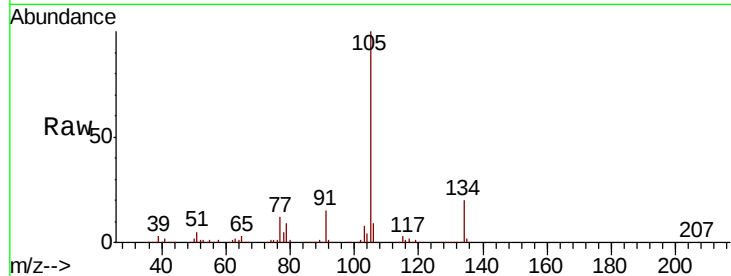
VSTDIC100

Tot Ion:105 Resp: 1016397

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 118.391 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062997.D

Acq: 18 Aug 2020 20:17

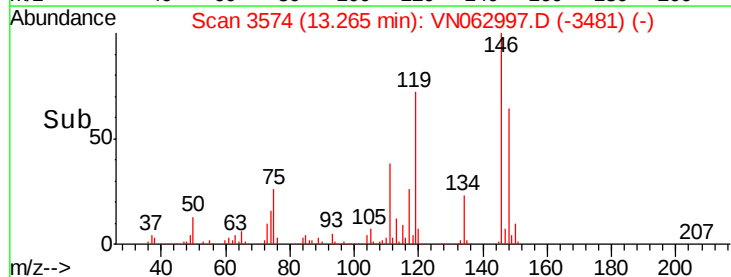
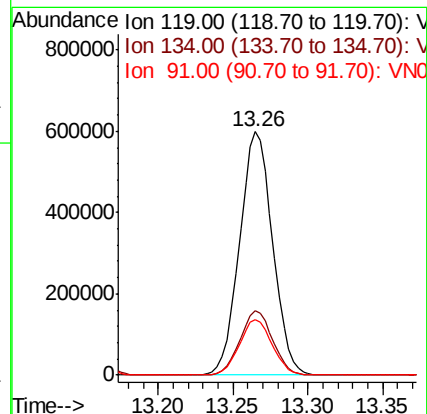
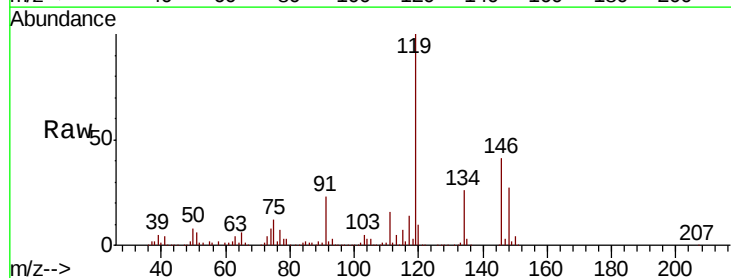
Tgt Ion:119 Resp: 916256

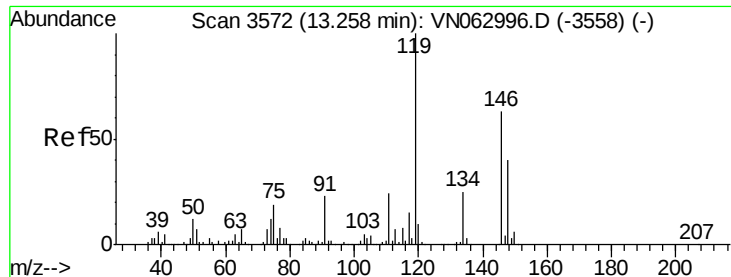
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.1 11.5 34.4

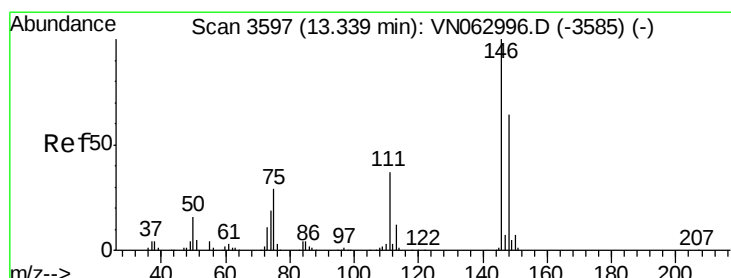
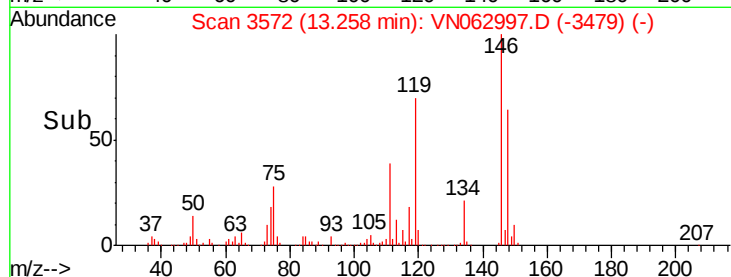
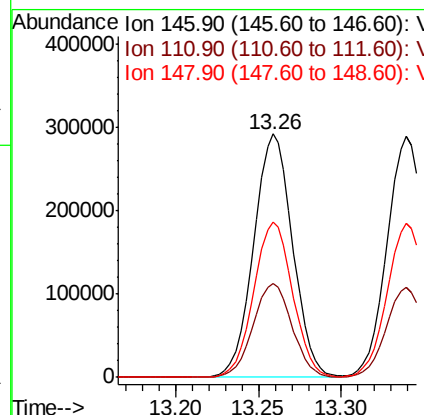
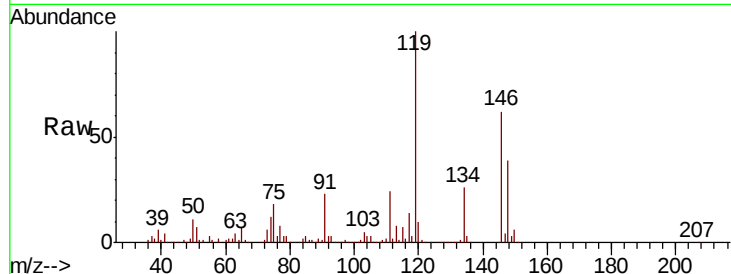




#87
 1,3-Dichlorobenzene
 Concen: 108.919 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

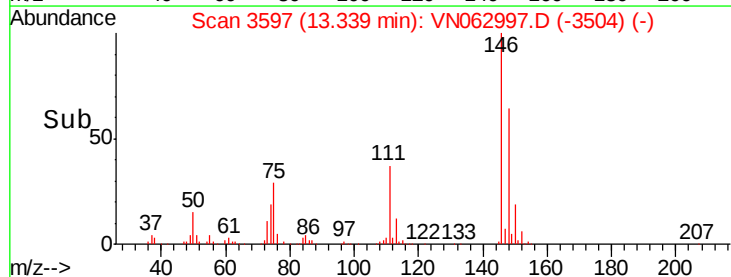
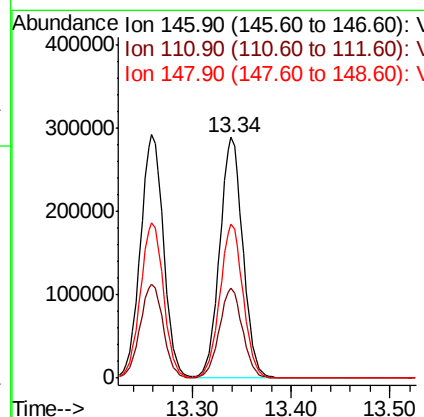
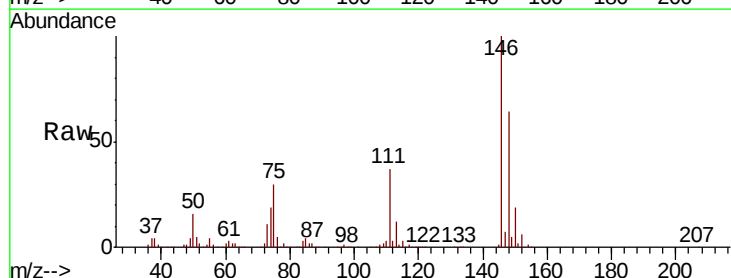
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

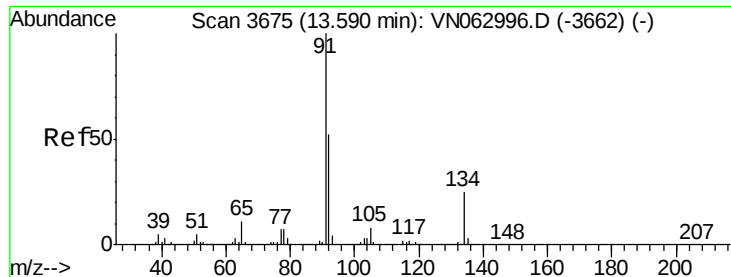
Tot Ion:146 Resp: 474211
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.1
 148 63.9 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 106.980 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion:146 Resp: 472745
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.4
 148 64.0 32.4 97.0

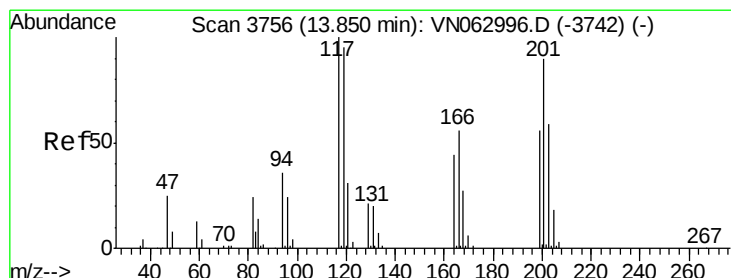
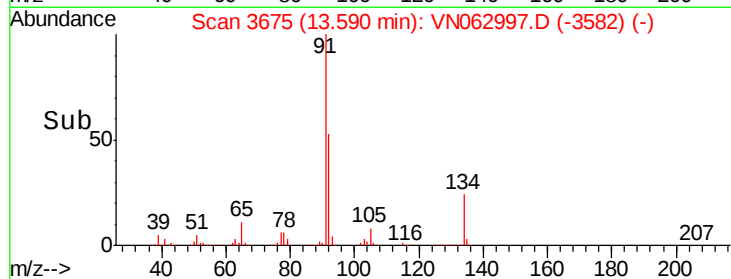
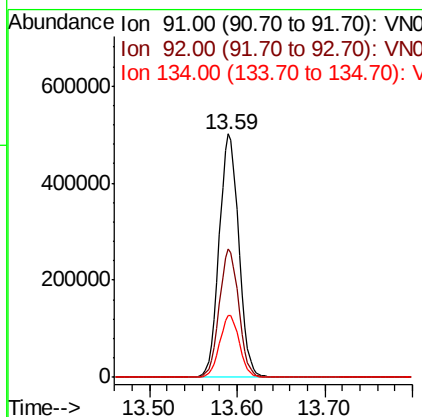
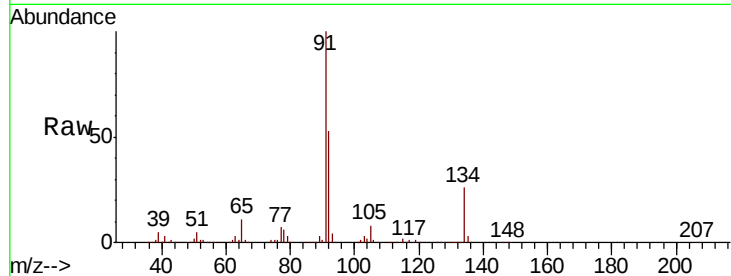




#89
n-Butylbenzene
Concen: 119.273 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

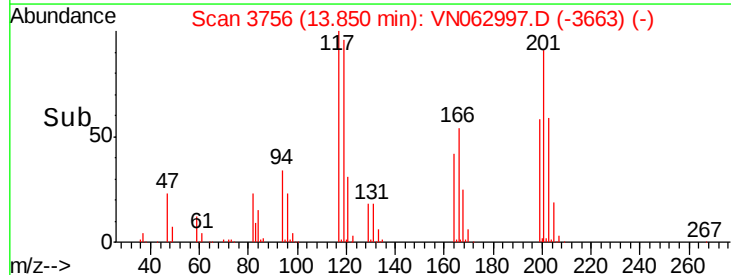
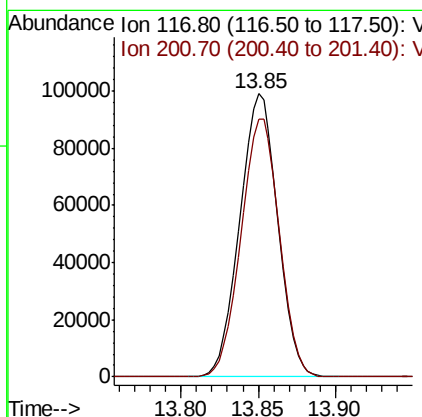
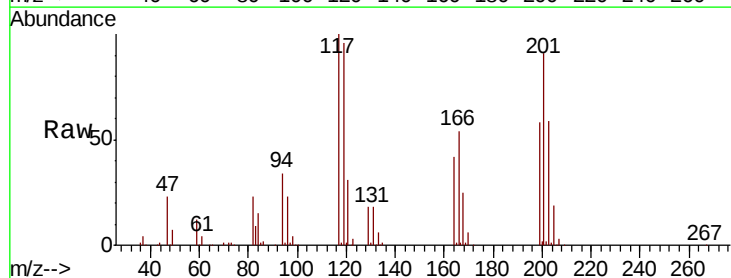
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

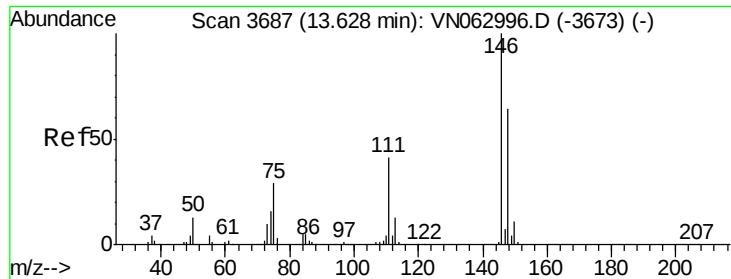
Tot Ion: 91 Resp: 779000
Ion Ratio Lower Upper
91 100
92 52.3 25.9 77.6
134 25.6 12.4 37.0



#90
Hexachloroethane
Concen: 102.877 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion: 117 Resp: 169229
Ion Ratio Lower Upper
117 100
201 91.8 44.1 132.4

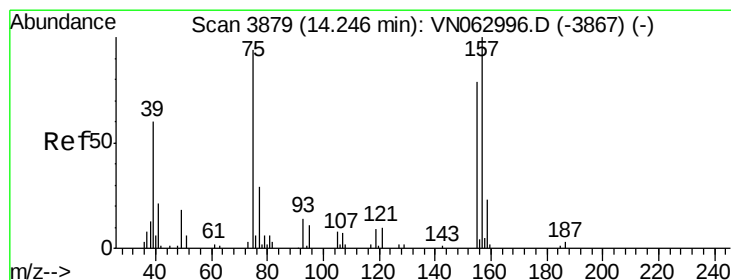
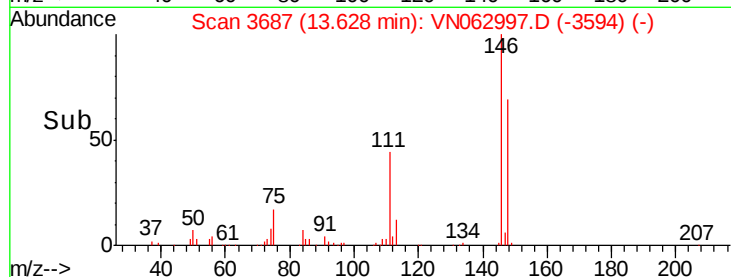
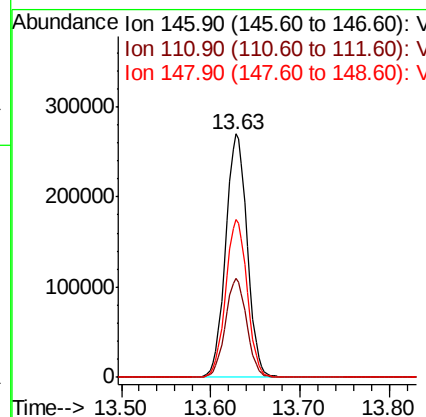
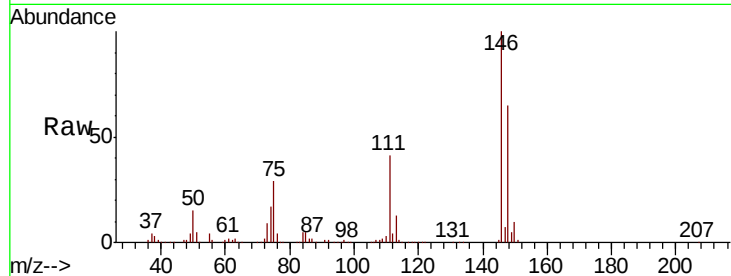




#91
 1,2-Dichlorobenzene
 Concen: 107.068 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

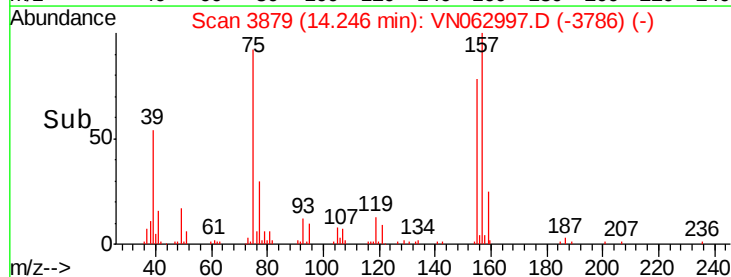
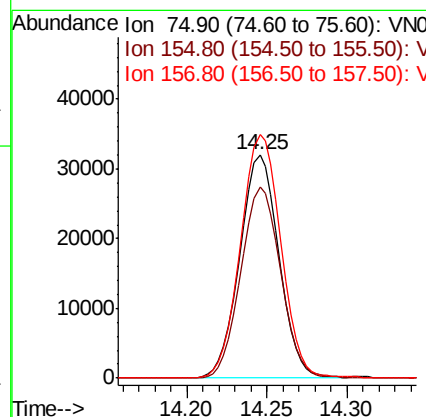
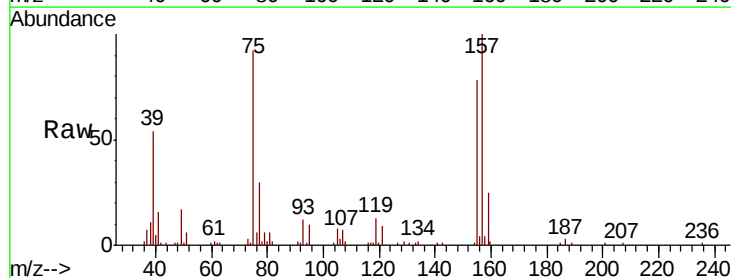
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

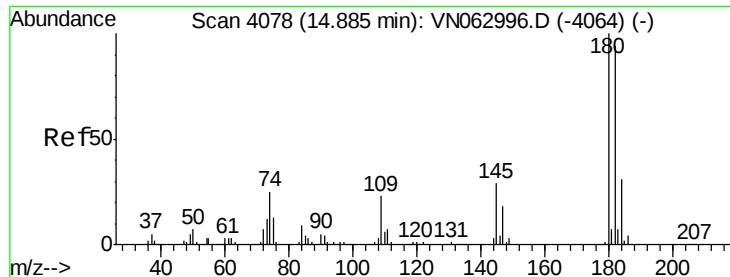
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.5
148	64.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 115.268 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.6	42.4	127.1
157	112.1	55.2	165.6

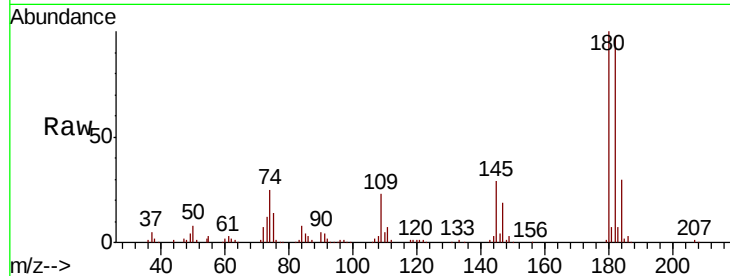




#93
 1,2,4-Trichlorobenzene
 Concen: 133.765 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.0	141.2
145	28.9	14.1	42.4

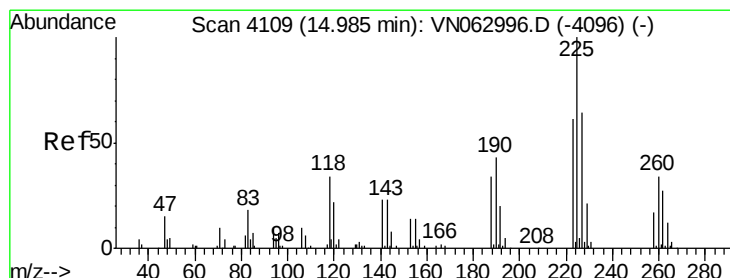
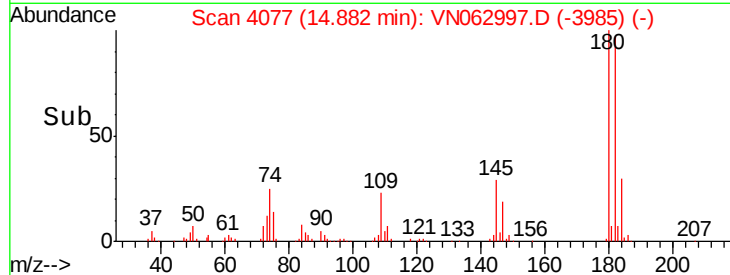
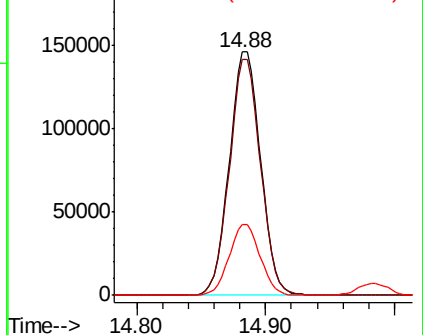


Abundance

Ion 179.80 (179.50 to 180.50): V

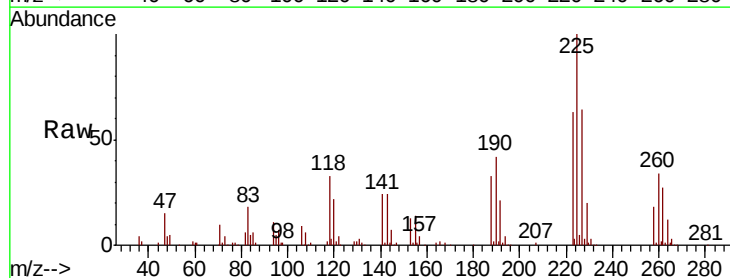
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 102.160 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN062997.D
 Acq: 18 Aug 2020 20:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.9	92.5
227	64.3	31.9	95.9

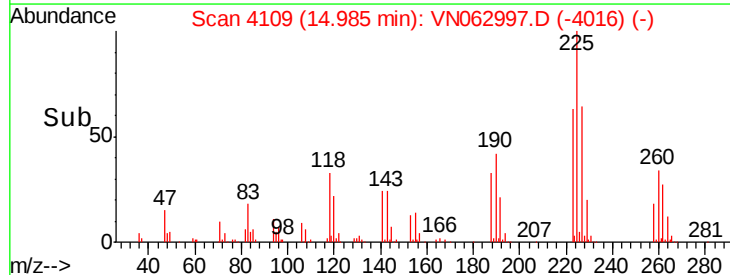
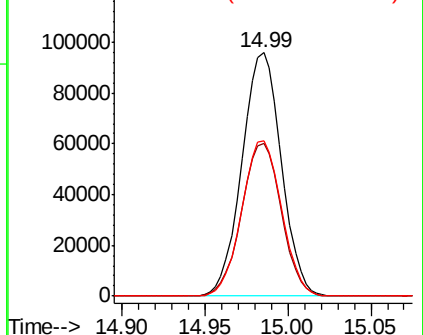


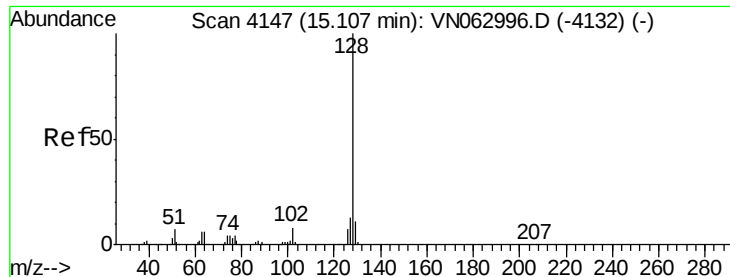
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

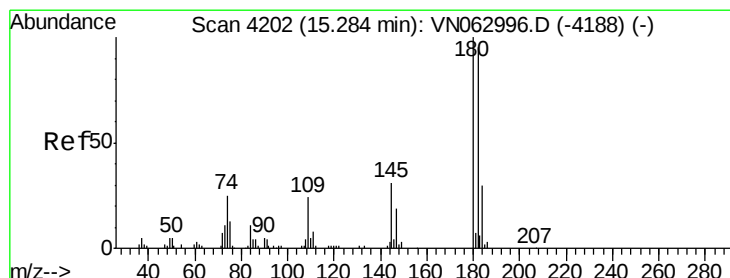
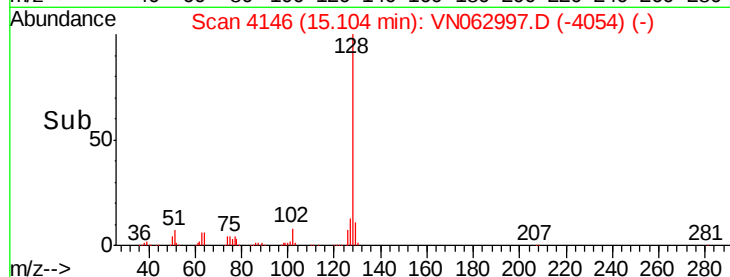
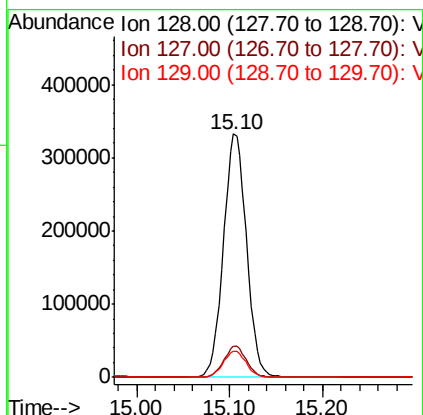
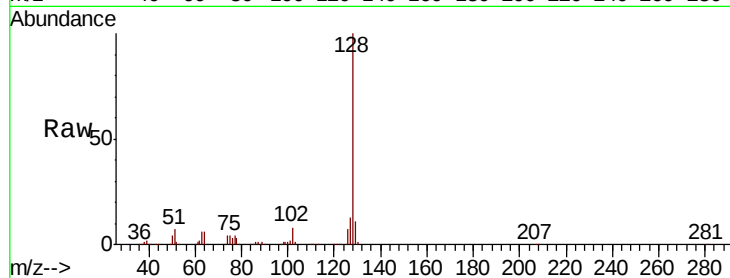




#95
Naphthalene
Concen: 139.905 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 573437
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 132.475 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062997.D
Acq: 18 Aug 2020 20:17

Tgt Ion:180 Resp: 244473
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.9
145 30.3 15.6 46.7

