

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072120\
 Data File : VN062569.D
 Acq On : 21 Jul 2020 13:10
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Quant Time: Jul 21 13:39:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	369312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	350218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173080	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	327362	97.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.46%	
35) Dibromofluoromethane	7.55	113	236038	102.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.84%	
50) Toluene-d8	10.06	98	943163	104.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.14%	
62) 4-Bromofluorobenzene	12.38	95	361881	108.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	252829	112.326	ug/l	99
3) Chloromethane	2.04	50	344191	97.466	ug/l	98
4) Vinyl Chloride	2.16	62	295931	101.214	ug/l	99
5) Bromomethane	2.51	94	132071	87.510	ug/l	100
6) Chloroethane	2.66	64	141284	86.195	ug/l	99
7) Trichlorofluoromethane	2.98	101	340936	92.571	ug/l	98
8) Diethyl Ether	3.37	74	171923	103.888	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	228514	104.151	ug/l	100
10) Methyl Iodide	3.91	142	311896	108.265	ug/l	99
11) Tert butyl alcohol	4.74	59	265293	482.019	ug/l	99
12) 1,1-Dichloroethene	3.69	96	233177	104.146	ug/l	99
13) Acrolein	3.56	56	284905	653.173	ug/l	99
14) Allyl chloride	4.27	41	517900	99.562	ug/l	100
15) Acrylonitrile	4.93	53	754045	521.139	ug/l	100
16) Acetone	3.77	43	626233	447.212	ug/l	100
17) Carbon Disulfide	4.00	76	750143	106.259	ug/l	99
18) Methyl Acetate	4.28	43	326835	93.601	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	880343	103.764	ug/l	98
20) Methylene Chloride	4.50	84	287464	94.349	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	256555	105.801	ug/l	98
22) Diisopropyl ether	5.90	45	1020525	99.273	ug/l	98
23) Vinyl Acetate	5.84	43	4342464	509.921	ug/l	99
24) 1,1-Dichloroethane	5.80	63	540801	101.183	ug/l	99
25) 2-Butanone	6.79	43	1015309	495.905	ug/l	99
26) 2,2-Dichloropropane	6.77	77	430514	103.911	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	296289	105.409	ug/l	99
28) Bromochloromethane	7.15	49	272760	94.612	ug/l	100
29) Tetrahydrofuran	7.17	42	684722	495.649	ug/l	99
30) Chloroform	7.33	83	506547	104.339	ug/l	100
31) Cyclohexane	7.61	56	488954	96.920	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	434827	107.381	ug/l	99
36) 1,1-Dichloropropene	7.75	75	396667	106.700	ug/l	99
37) Ethyl Acetate	6.88	43	429889	99.448	ug/l	99
38) Carbon Tetrachloride	7.73	117	378133	111.333	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	445661	112.351	ug/l	99
40) Benzene	8.00	78	1177397	106.805	ug/l	99
41) Methacrylonitrile	7.16	41	605152	341.535	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	428939	106.273	ug/l	100
43) Isopropyl Acetate	8.13	43	714007	104.520	ug/l #	91
44) Trichloroethene	8.80	130	265430	108.123	ug/l	100
45) 1,2-Dichloropropane	9.08	63	335439	105.453	ug/l	98
46) Dibromomethane	9.17	93	194389	107.581	ug/l	98
47) Bromodichloromethane	9.37	83	419275	108.805	ug/l	98
48) Methyl methacrylate	9.17	41	346472	103.885	ug/l	99
49) 1,4-Dioxane	9.17	88	104301	2123.456	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2145374	526.699	ug/l	99
52) Toluene	10.12	92	713068	111.431	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	492305	113.695	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	526005	110.346	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	273472	109.474	ug/l	98
56) Ethyl methacrylate	10.40	69	482457	115.941	ug/l	99
57) 1,3-Dichloropropane	10.68	76	506025	109.538	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	738951	515.200	ug/l	99
59) 2-Hexanone	10.72	43	1591868	537.803	ug/l	100
60) Dibromochloromethane	10.87	129	309544	113.209	ug/l	99
61) 1,2-Dibromoethane	10.98	107	283775	111.654	ug/l	98
64) Tetrachloroethene	10.60	164	221906	106.094	ug/l	97
65) Chlorobenzene	11.41	112	730177	106.934	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	273915	108.800	ug/l	99
67) Ethyl Benzene	11.48	91	1395149	109.263	ug/l	100
68) m/p-Xylenes	11.60	106	1018688	224.386	ug/l	99
69) o-Xylene	11.92	106	487135	110.477	ug/l	99
70) Styrene	11.94	104	847985	116.247	ug/l	100
71) Bromoform	12.10	173	218937	118.171	ug/l #	100
73) Isopropylbenzene	12.22	105	1319611	98.747	ug/l	100
74) N-amyl acetate	12.05	43	651666	101.473	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	421286	93.840	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	575509	134.309	ug/l #	100
77) Bromobenzene	12.50	156	307477	100.801	ug/l	99
78) n-propylbenzene	12.57	91	1578191	101.321	ug/l	100
79) 2-Chlorotoluene	12.65	91	946907	99.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1139896	103.553	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	157685	100.129	ug/l	99
82) 4-Chlorotoluene	12.75	91	988341	102.547	ug/l	100
83) tert-Butylbenzene	12.97	119	953903	102.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1137654	104.288	ug/l	99
85) sec-Butylbenzene	13.15	105	1275746	103.643	ug/l	100
86) p-Isopropyltoluene	13.26	119	1135121	106.866	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	556486	105.782	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	559883	103.627	ug/l	99
89) n-Butylbenzene	13.59	91	1005484	107.707	ug/l	99
90) Hexachloroethane	13.85	117	218582	104.312	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	529886	103.988	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	86831	106.225	ug/l	98

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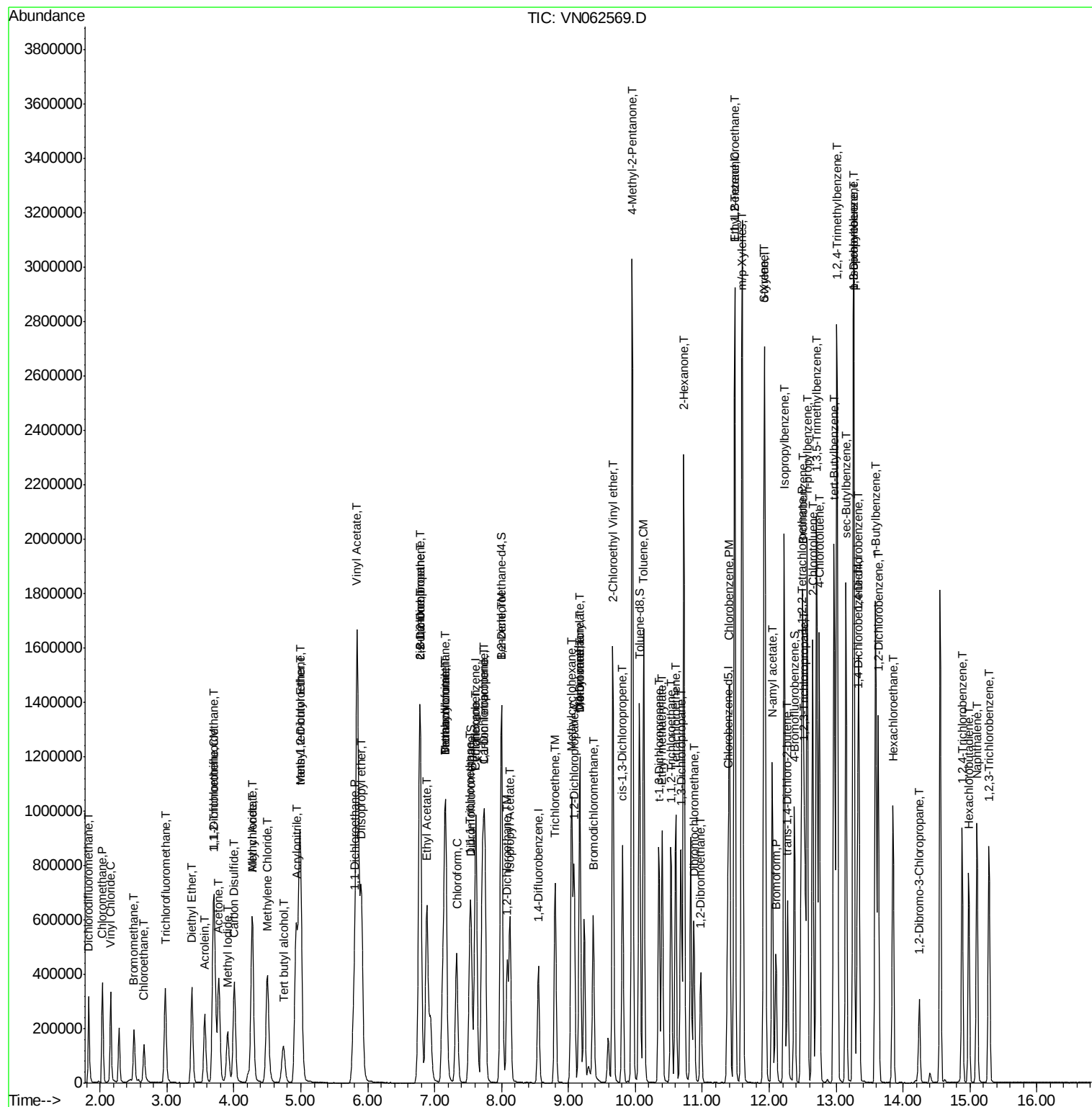
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	288511	126.143	ug/l	99
94) Hexachlorobutadiene	14.98	225	143213	104.843	ug/l	98
95) Naphthalene	15.10	128	766307	119.664	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	284430	119.518	ug/l	99

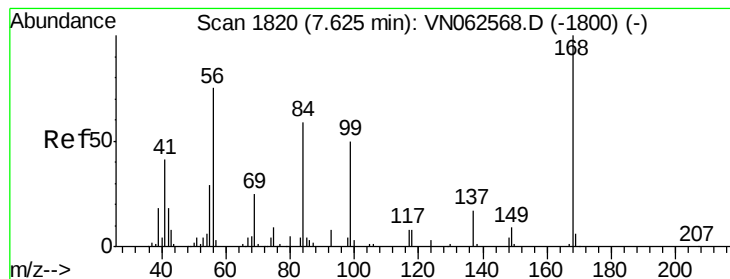
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN072120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

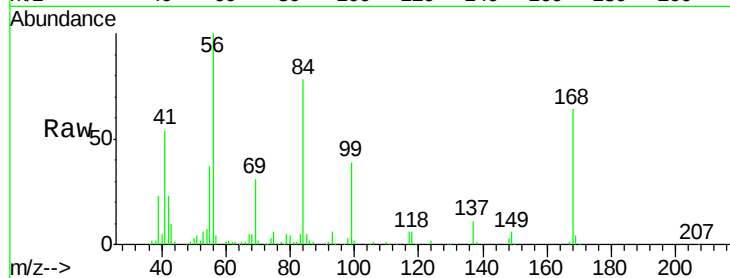
VSTDIC100

Tgt Ion:168 Resp: 218170

Ion Ratio Lower Upper

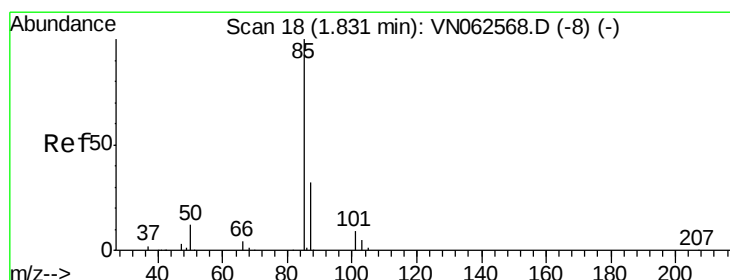
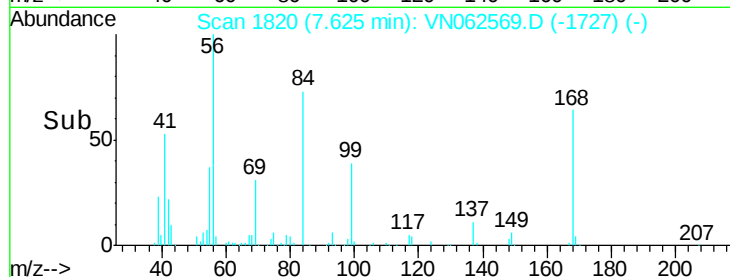
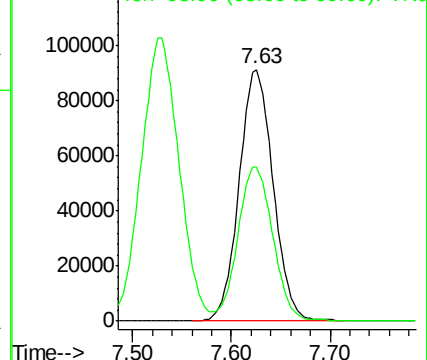
168 100

99 60.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 112.326 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062569.D

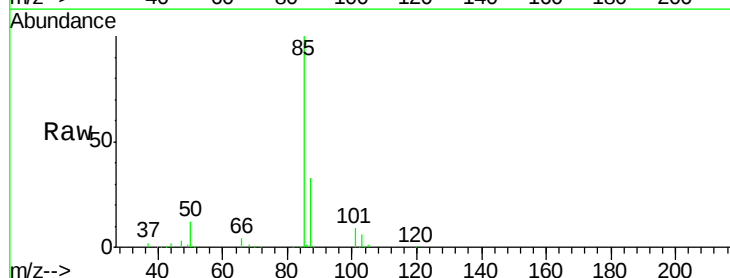
Acq: 21 Jul 2020 13:10

Tgt Ion: 85 Resp: 252829

Ion Ratio Lower Upper

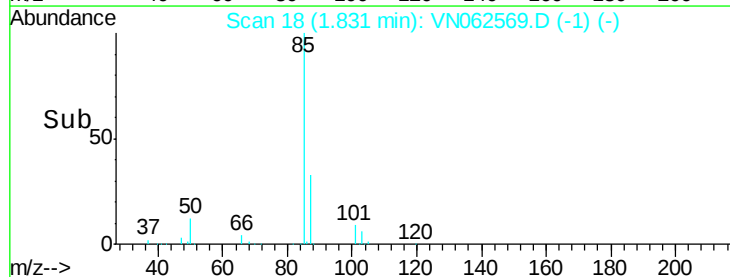
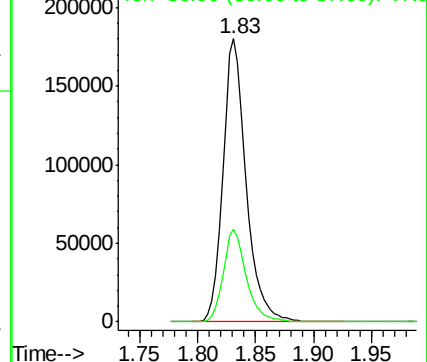
85 100

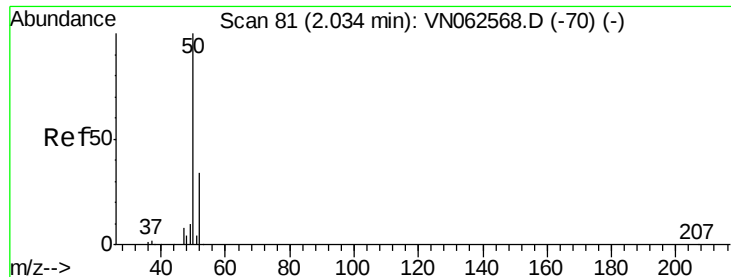
87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 97.466 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

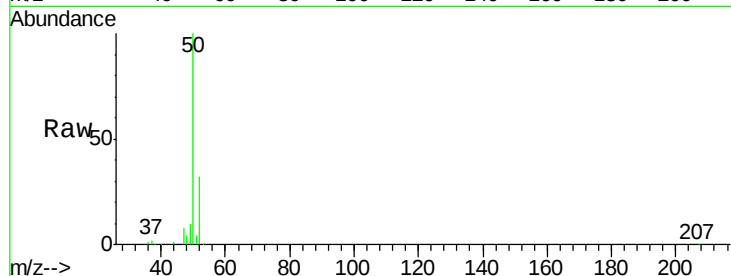
VSTDIC100

Tgt Ion: 50 Resp: 344191

Ion Ratio Lower Upper

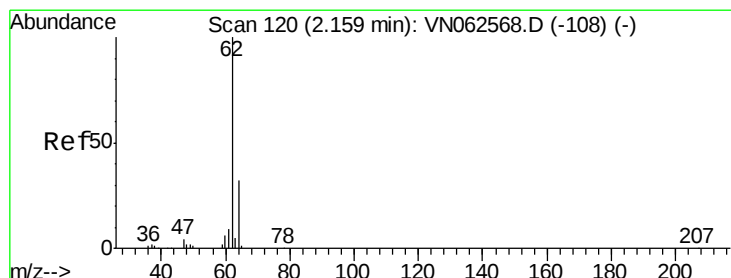
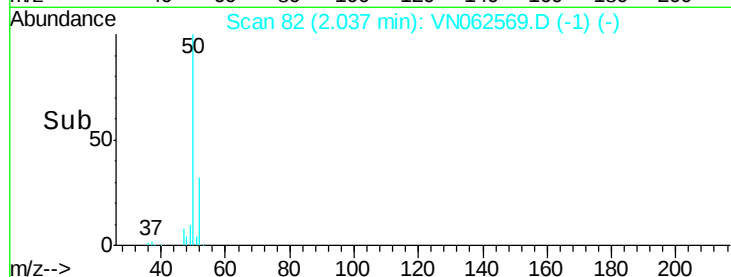
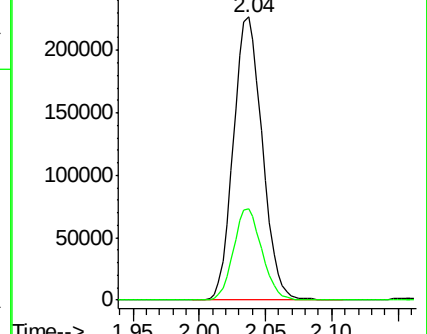
50 100

52 32.4 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 101.214 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062569.D

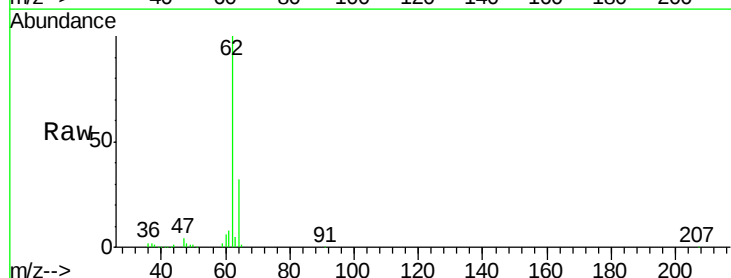
Acq: 21 Jul 2020 13:10

Tgt Ion: 62 Resp: 295931

Ion Ratio Lower Upper

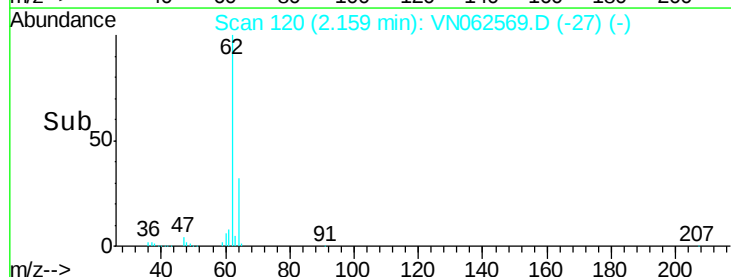
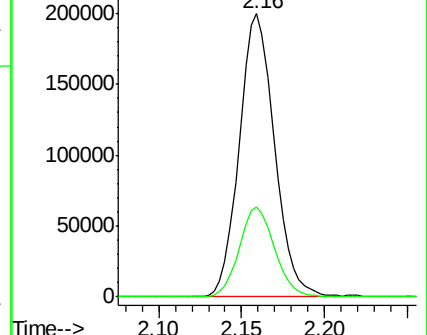
62 100

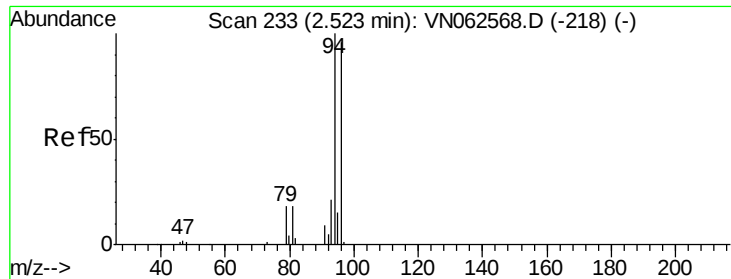
64 31.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 87.510 ug/l

RT: 2.51 min Scan# 228

Delta R.T. -0.02 min

Lab File: VN062569.D

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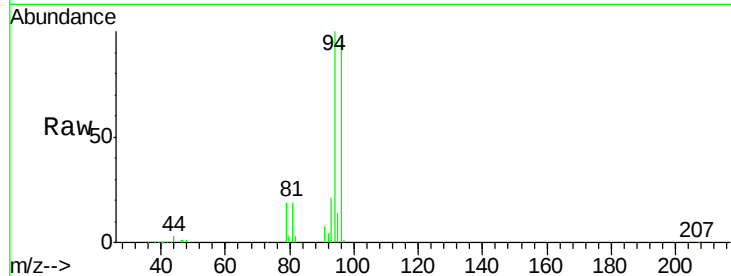
VSTDIC100

Tgt Ion: 94 Resp: 132071

Ion Ratio Lower Upper

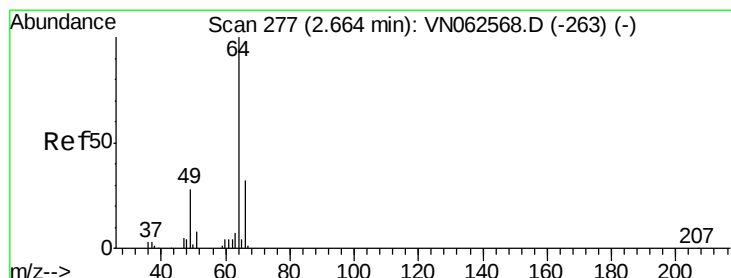
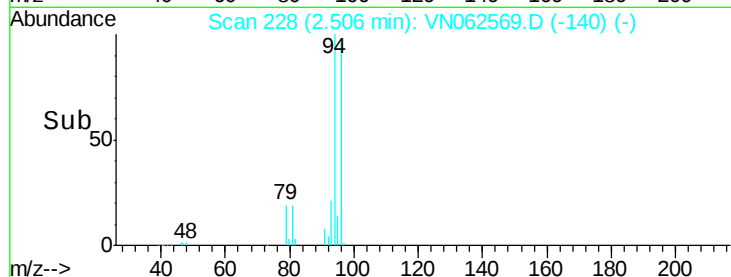
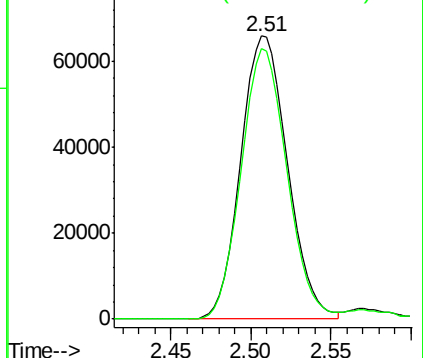
94 100

96 95.6 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 86.195 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062569.D

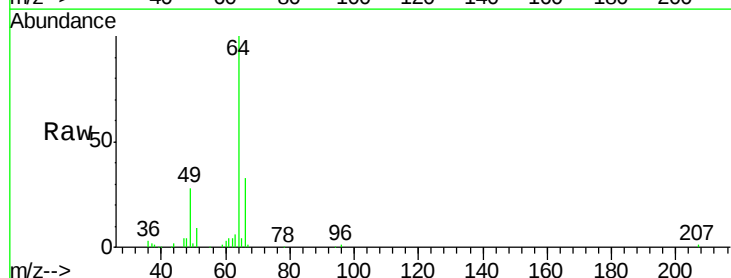
Acq: 21 Jul 2020 13:10

Tgt Ion: 64 Resp: 141284

Ion Ratio Lower Upper

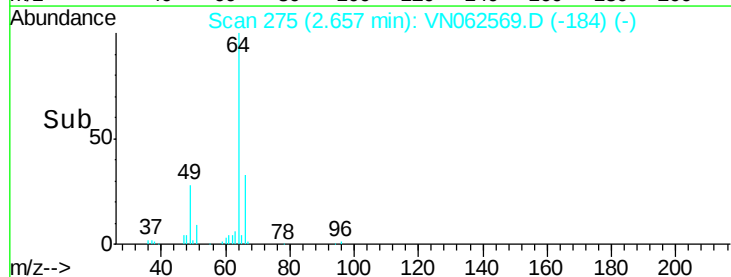
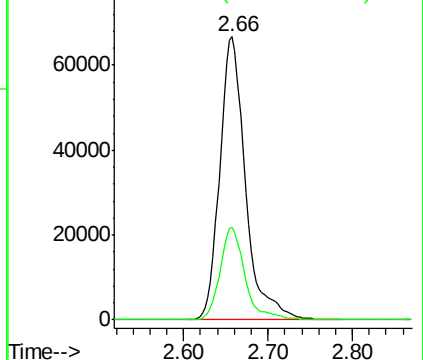
64 100

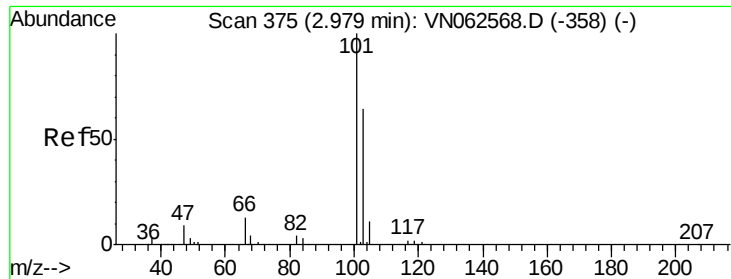
66 32.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



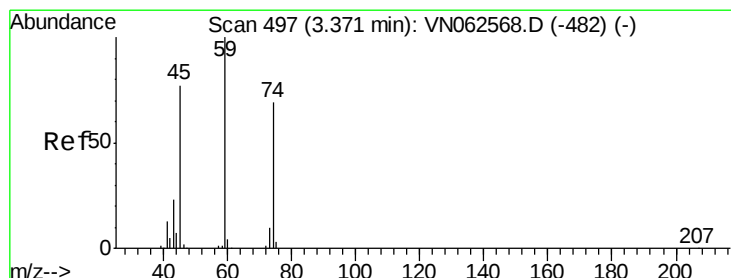
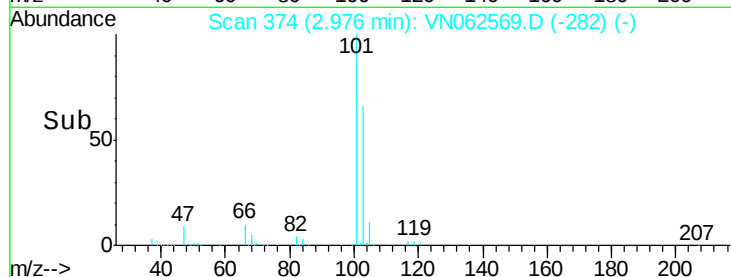
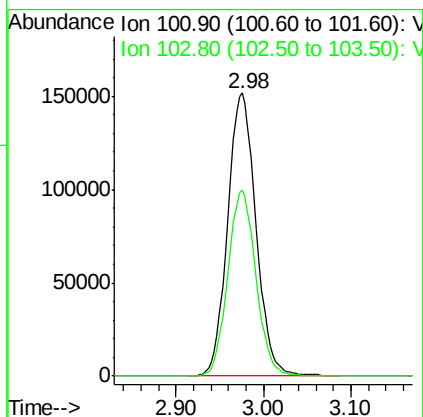
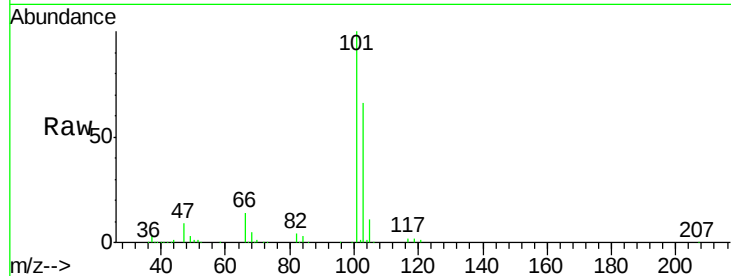


#7

Trichlorofluoromethane
Concen: 92.571 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062569.D
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Instrument :
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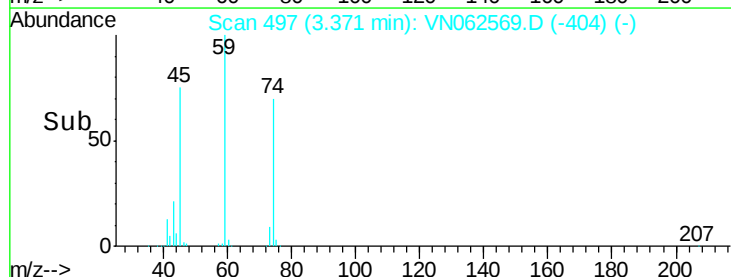
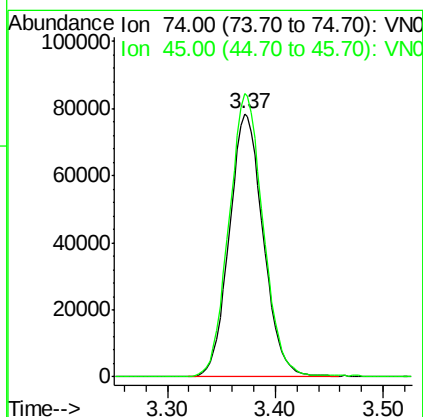
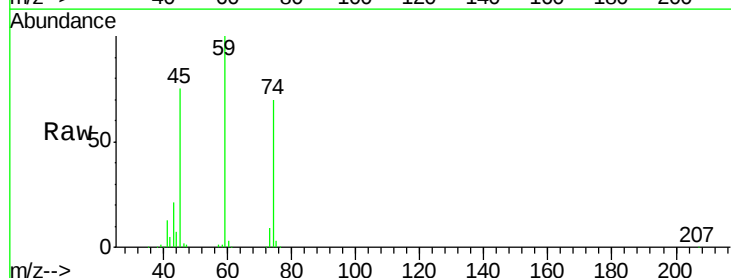
Tgt Ion:101 Resp: 340936
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3

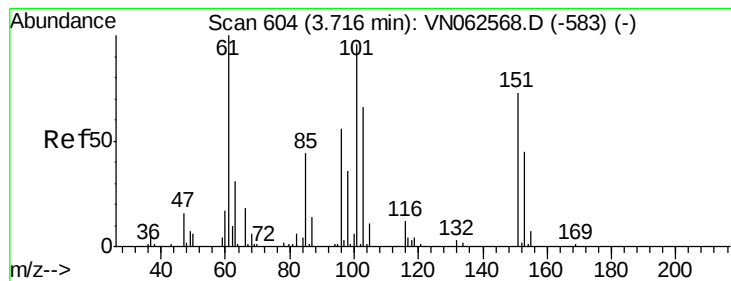


#8

Diethyl Ether
Concen: 103.888 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 74 Resp: 171923
Ion Ratio Lower Upper
74 100
45 108.7 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 104.151 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

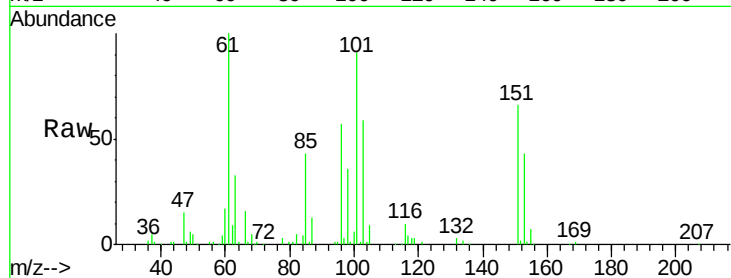
Tgt Ion:101 Resp: 228514

Ion Ratio Lower Upper

101 100

85 45.4 36.0 54.0

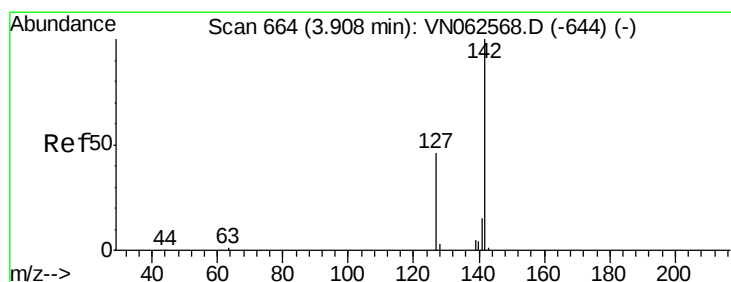
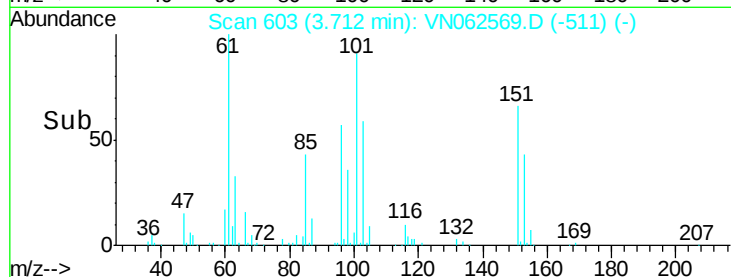
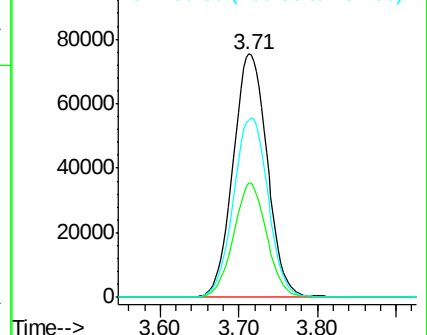
151 74.9 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 108.265 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

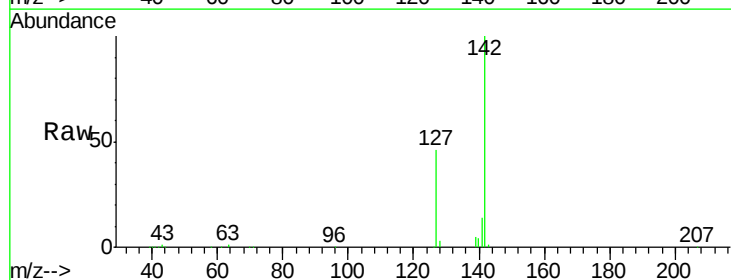
Tgt Ion:142 Resp: 311896

Ion Ratio Lower Upper

142 100

127 45.8 37.4 56.0

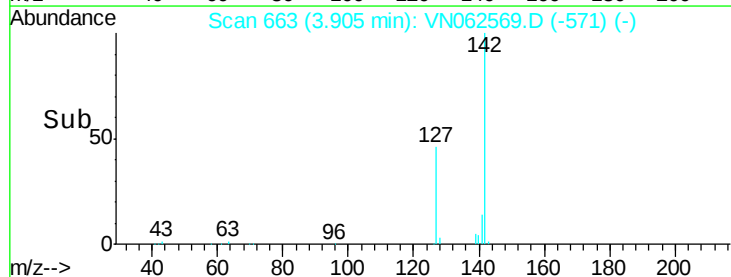
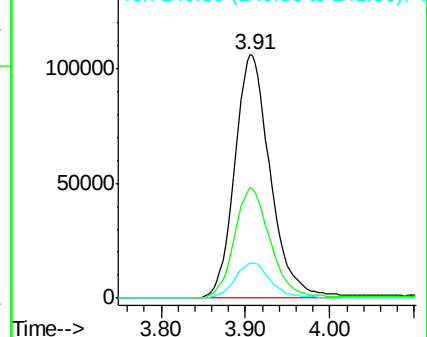
141 14.5 11.9 17.9

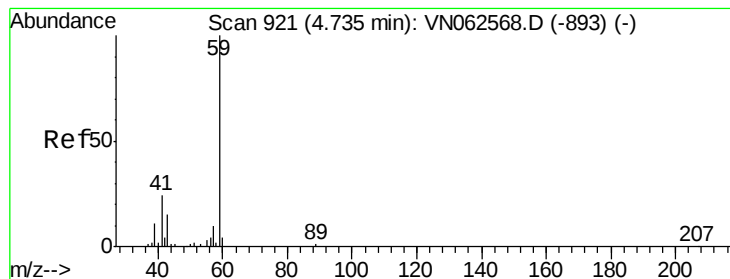


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



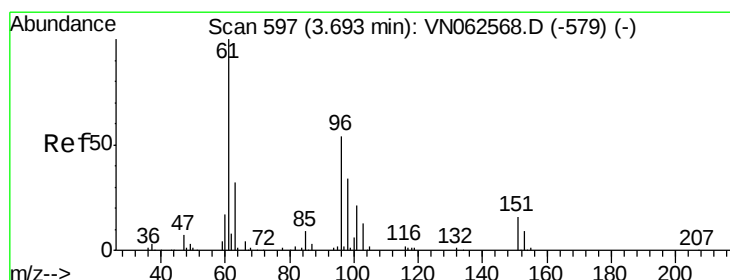
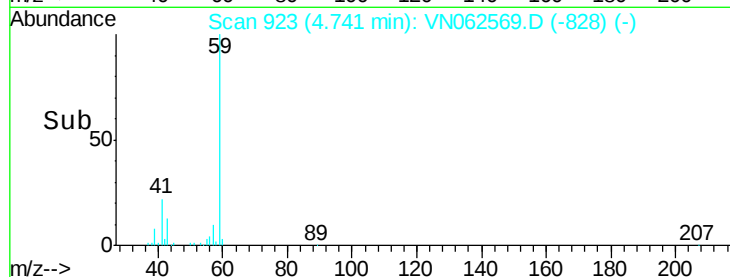
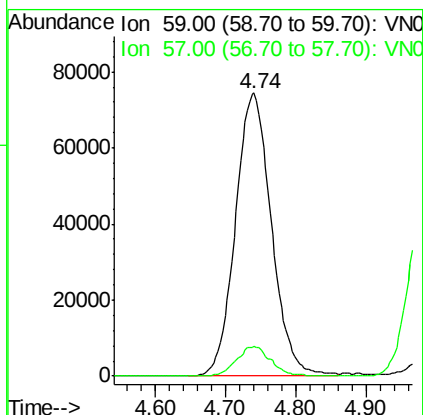
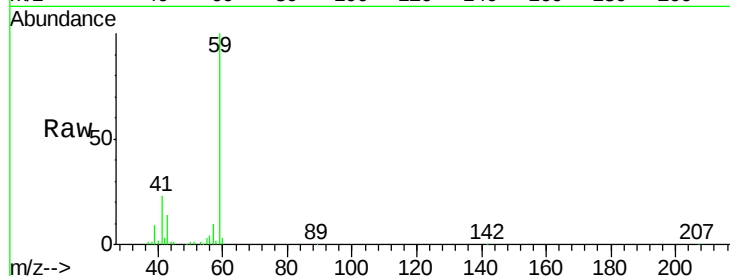


#11

Tert butyl alcohol
Concen: 482.019 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

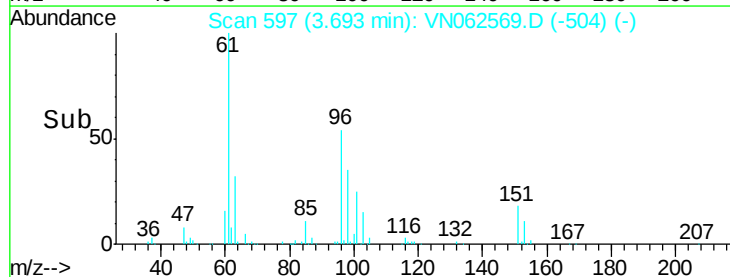
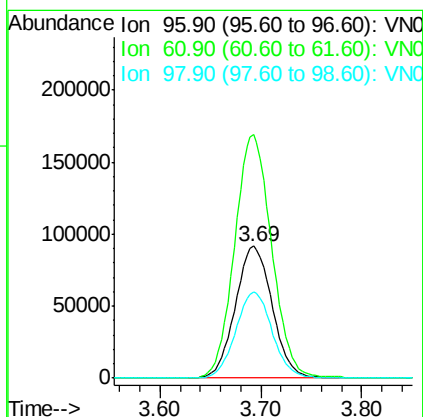
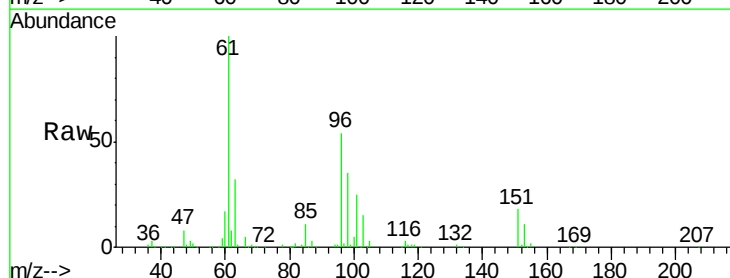
Tgt Ion: 59 Resp: 265293
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

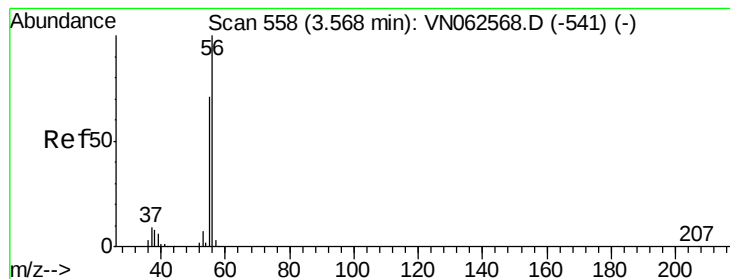


#12

1,1-Dichloroethene
Concen: 104.146 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 96 Resp: 233177
Ion Ratio Lower Upper
96 100
61 184.2 148.6 222.8
98 65.0 50.6 75.8





#13

Acrolein

Concen: 653.173 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

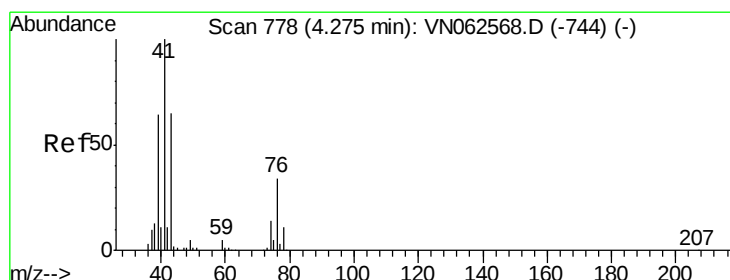
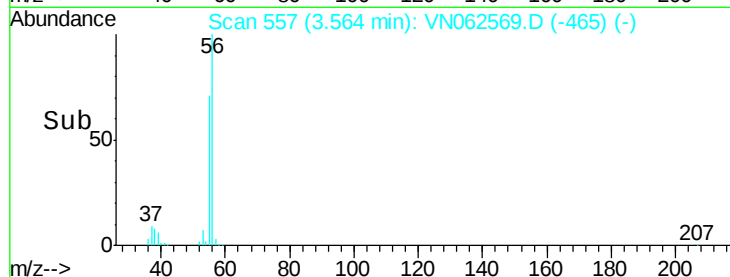
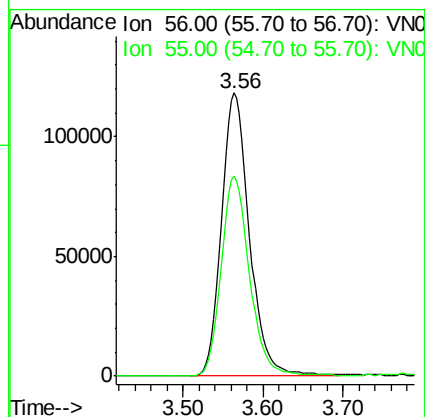
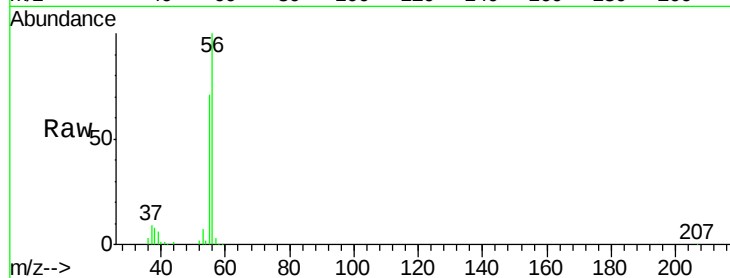
VSTDIC100

Tgt Ion: 56 Resp: 284905

Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.4



#14

Allyl chloride

Concen: 99.562 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

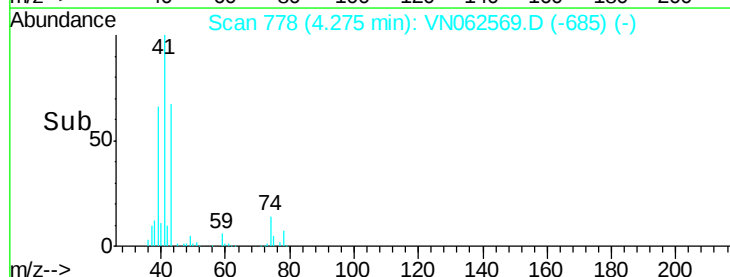
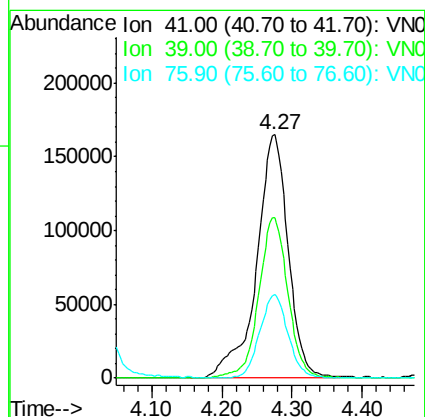
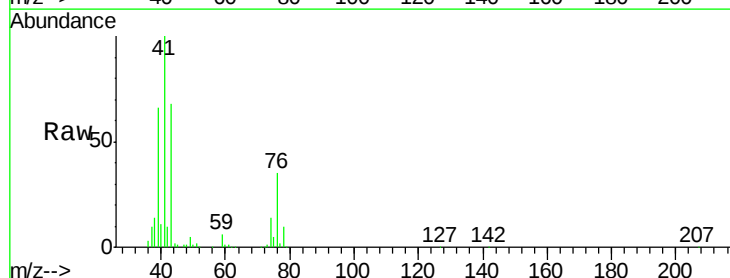
Tgt Ion: 41 Resp: 517900

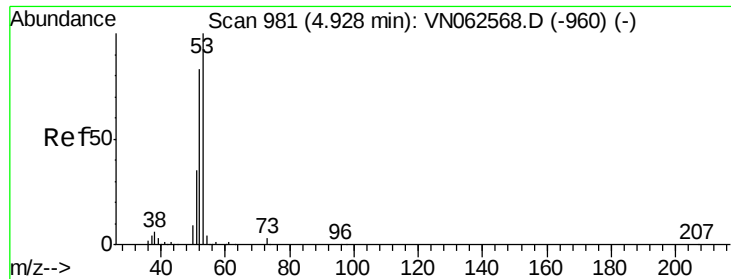
Ion Ratio Lower Upper

41 100

39 60.8 49.0 73.4

76 30.0 24.0 36.0





#15

Acrylonitrile

Concen: 521.139 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

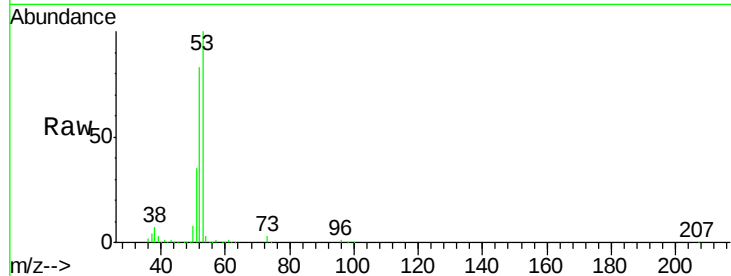
Tgt Ion: 53 Resp: 754045

Ion Ratio Lower Upper

53 100

52 82.6 66.3 99.5

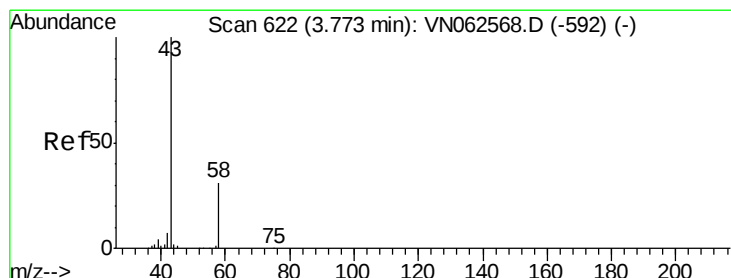
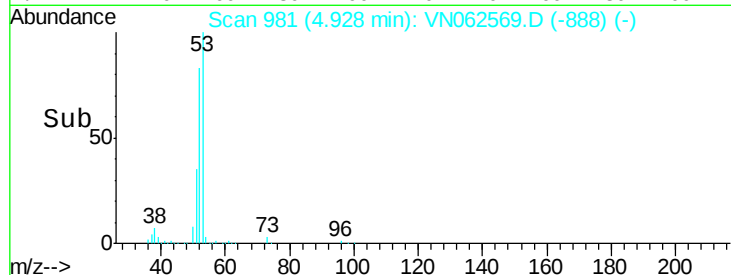
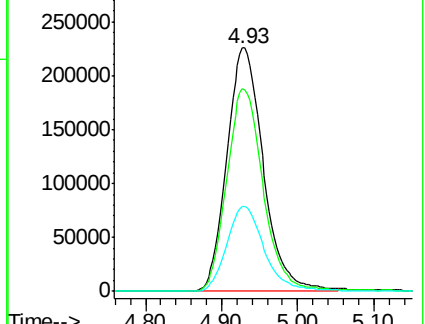
51 36.1 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN062569.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN062569.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN062569.D (-888) (-)



#16

Acetone

Concen: 447.212 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062569.D

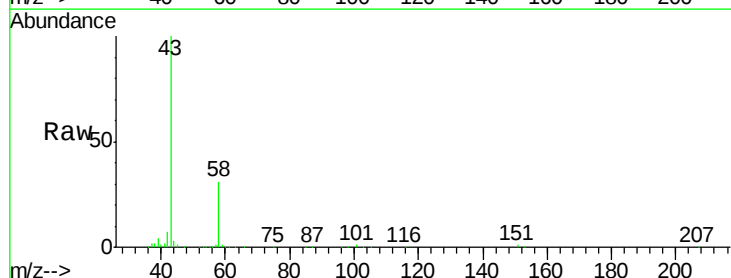
Acq: 21 Jul 2020 13:10

Tgt Ion: 43 Resp: 626233

Ion Ratio Lower Upper

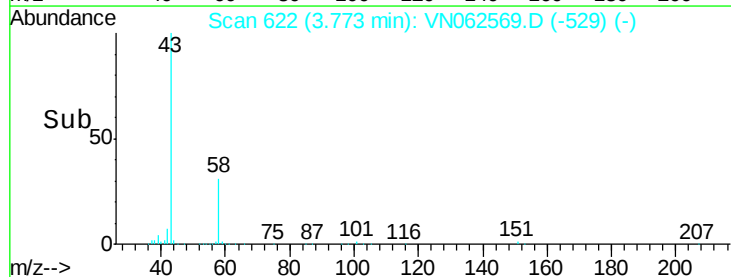
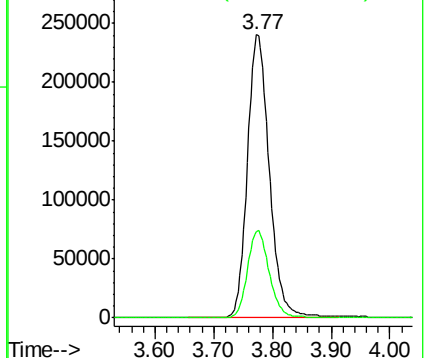
43 100

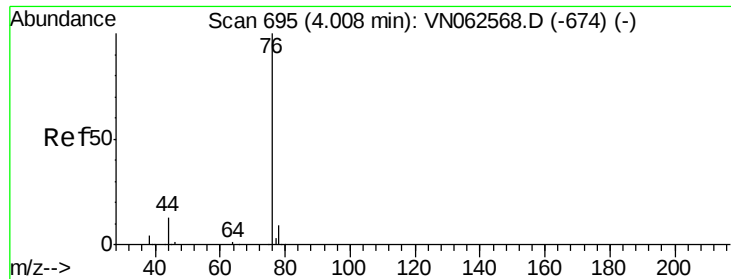
58 30.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062569.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062569.D (-529) (-)





#17

Carbon Disulfide

Concen: 106.259 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

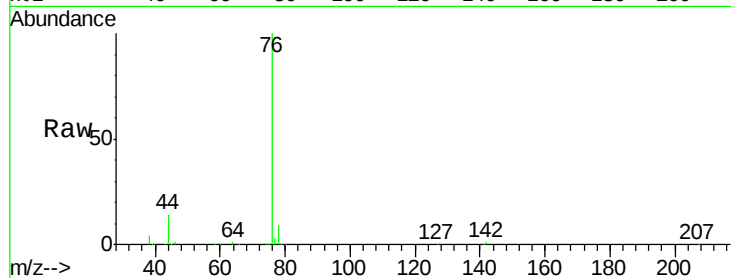
VSTDIC100

Tgt Ion: 76 Resp: 750143

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN062568.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN062569.D (-602) (-)

4.00

300000

250000

200000

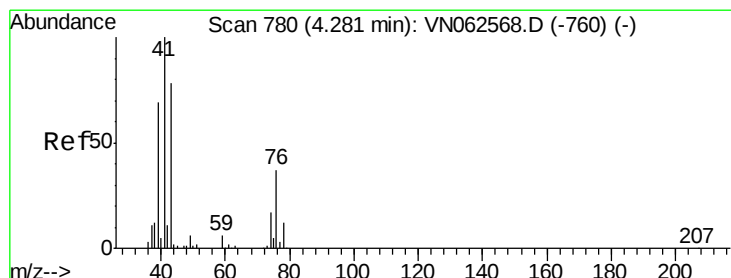
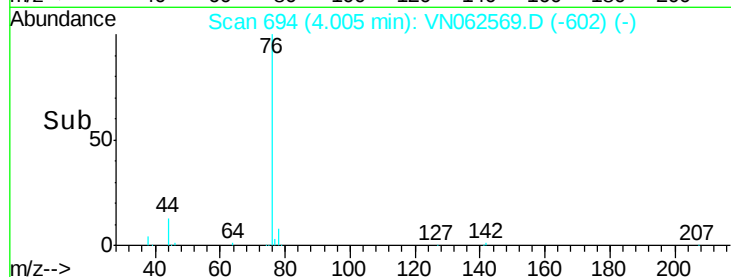
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 93.601 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062569.D

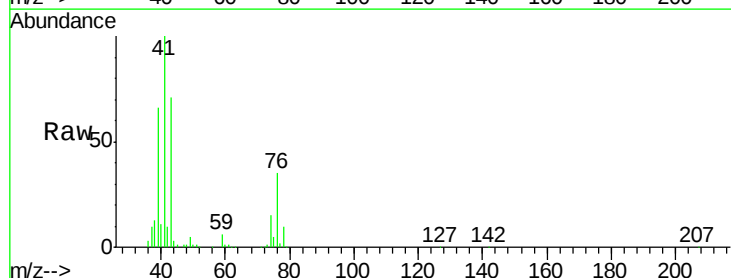
Acq: 21 Jul 2020 13:10

Tgt Ion: 43 Resp: 326835

Ion Ratio Lower Upper

43 100

74 20.8 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-760) (-)

Ion 74.00 (73.70 to 74.70): VN062569.D (-687) (-)

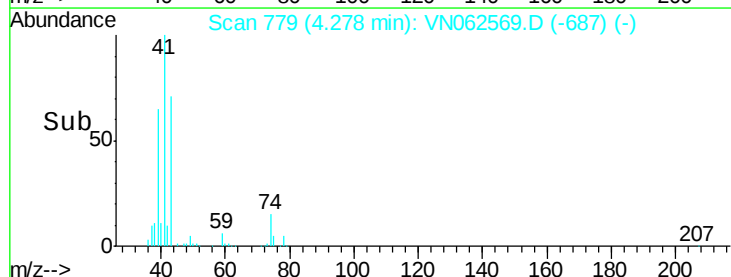
4.28

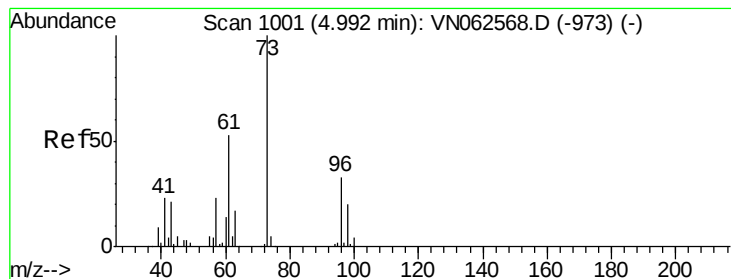
100000

50000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 103.764 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampled :

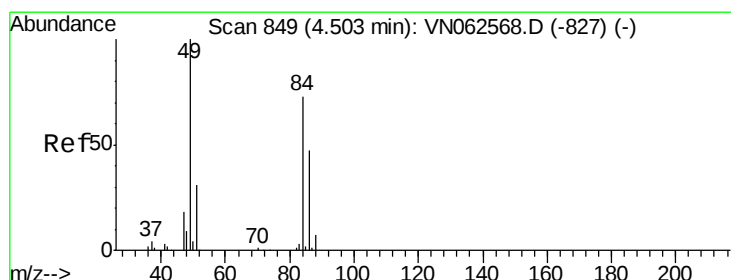
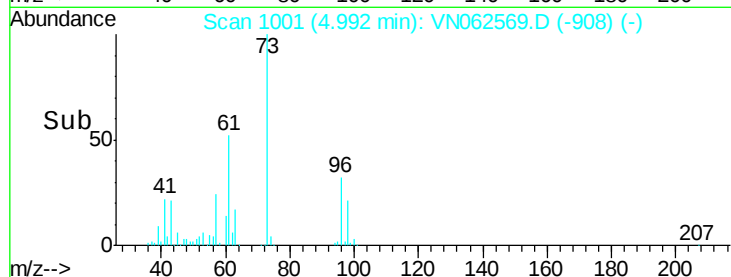
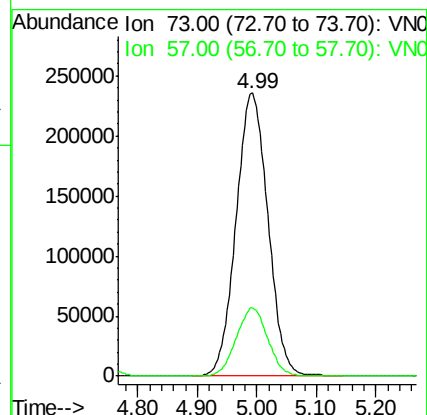
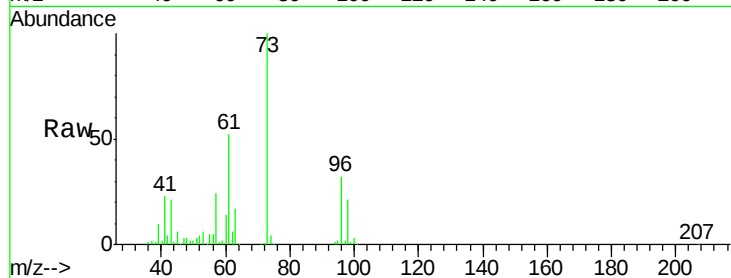
VSTDIC100

Tgt Ion: 73 Resp: 880343

Ion Ratio Lower Upper

73 100

57 24.2 18.6 27.8



#20

Methylene Chloride

Concen: 94.349 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Tgt Ion: 84 Resp: 287464

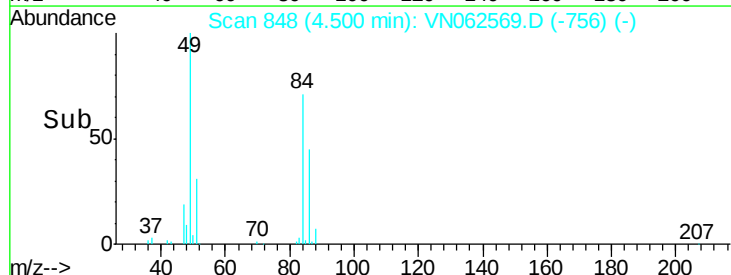
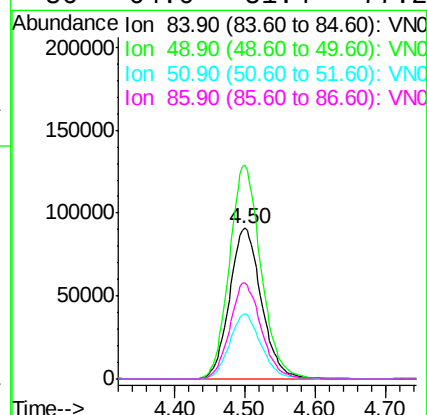
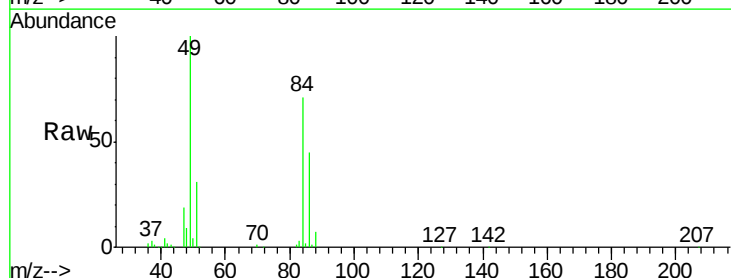
Ion Ratio Lower Upper

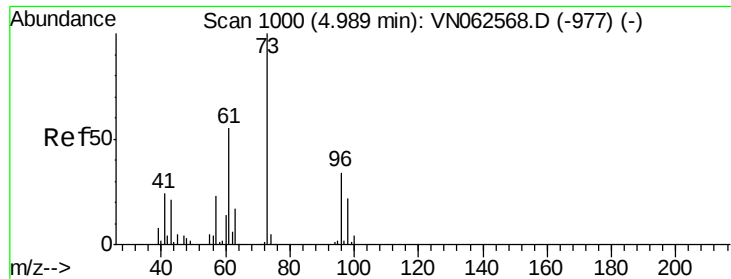
84 100

49 141.4 109.4 164.0

51 43.5 33.6 50.4

86 64.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 105.801 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

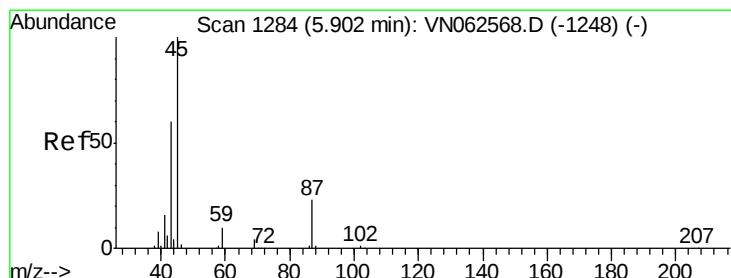
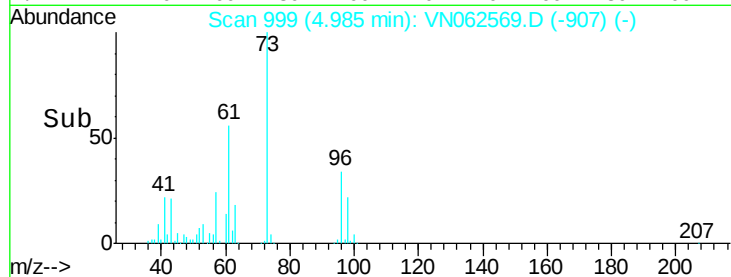
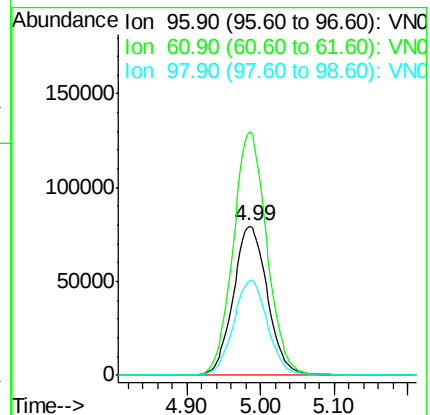
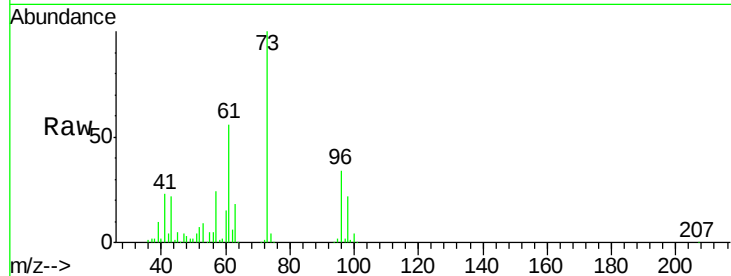
Tgt Ion: 96 Resp: 256555

Ion Ratio Lower Upper

96 100

61 163.4 128.6 192.8

98 63.7 50.6 76.0



#22

Diisopropyl ether

Concen: 99.273 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Tgt Ion: 45 Resp: 1020525

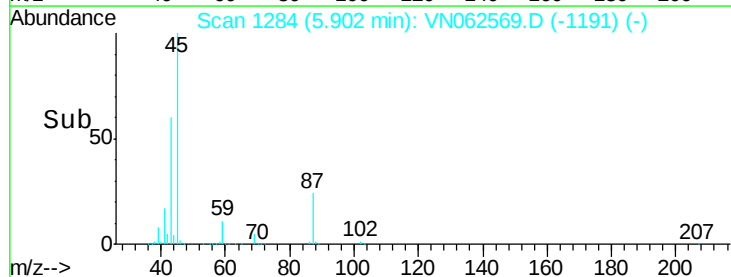
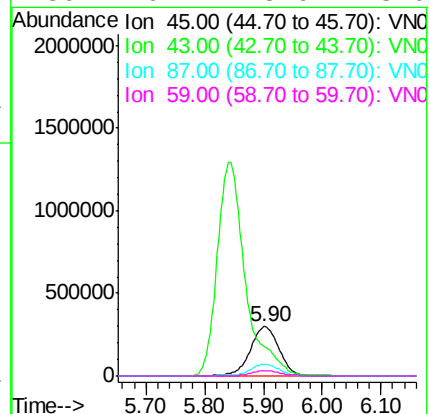
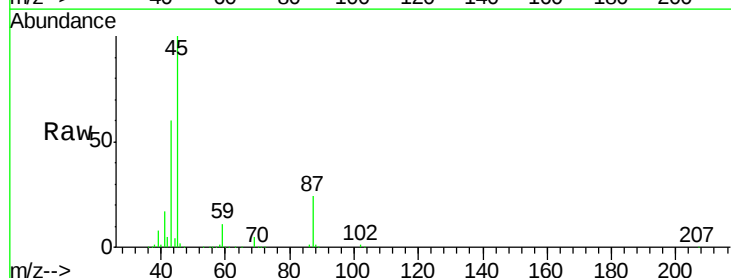
Ion Ratio Lower Upper

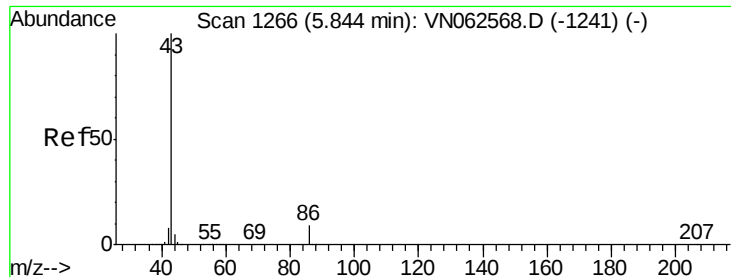
45 100

43 59.1 48.7 73.1

87 24.0 19.0 28.6

59 10.7 8.6 13.0





#23

Vinyl Acetate

Concen: 509.921 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

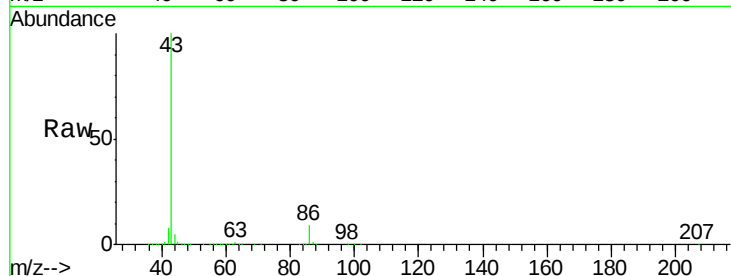
VSTDIC100

Tgt Ion: 43 Resp: 4342464

Ion Ratio Lower Upper

43 100

86 8.9 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN062569.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN062569.D (-1173) (-)

5.84

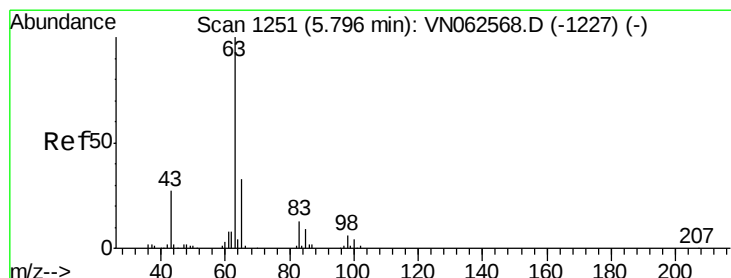
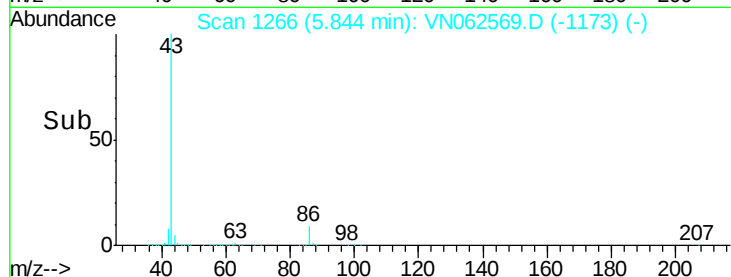
1500000

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 101.183 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

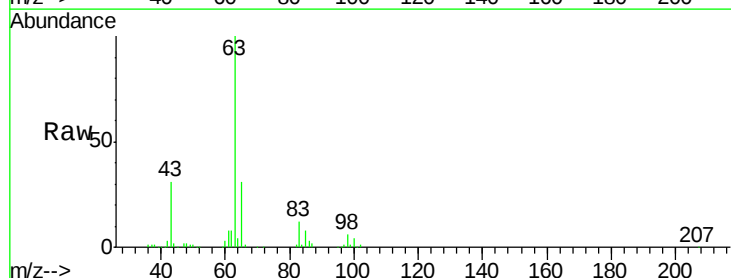
Tgt Ion: 63 Resp: 540801

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.5 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN062569.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062569.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062569.D (-1158) (-)

5.80

200000

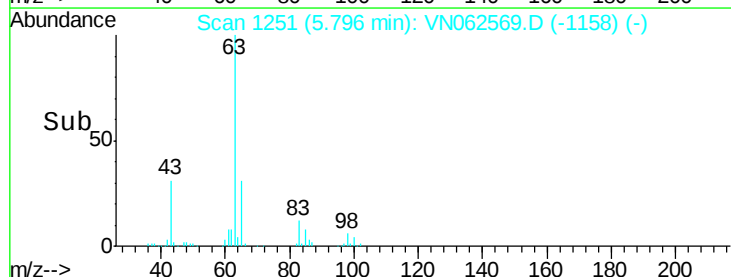
150000

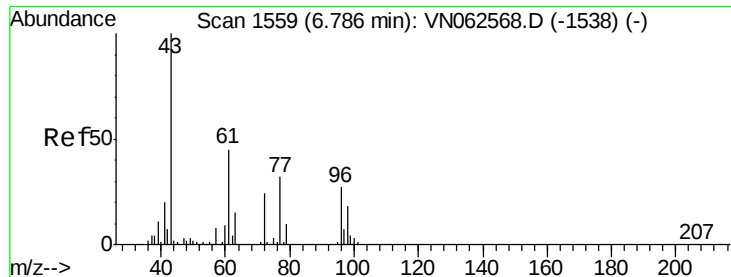
100000

50000

0

Time-->

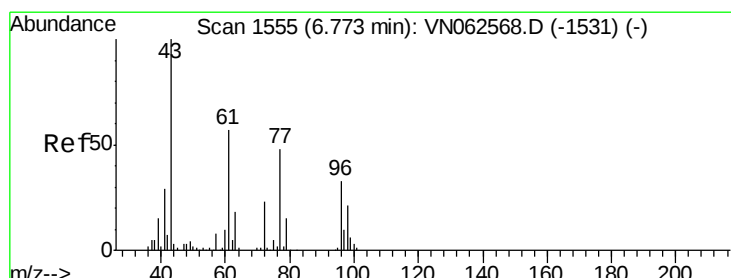
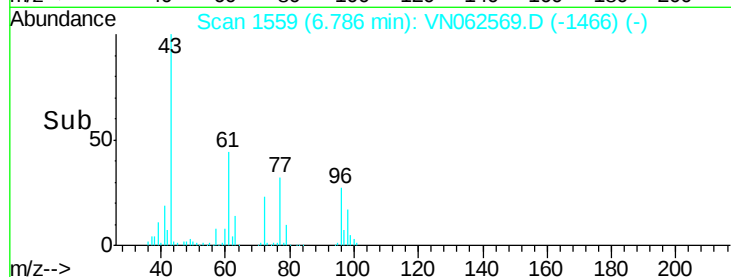
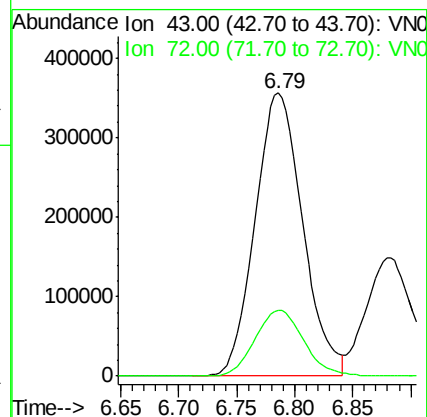
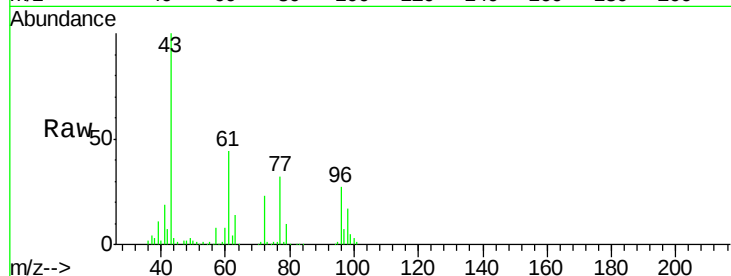




#25
2-Butanone
Concen: 495.905 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

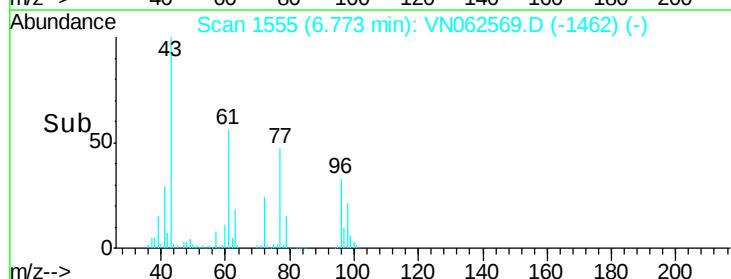
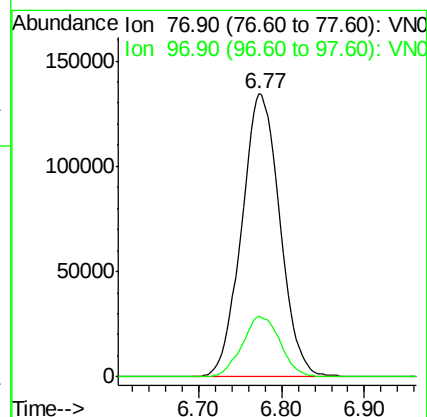
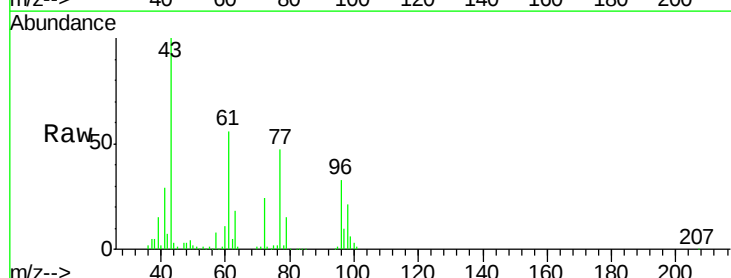
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

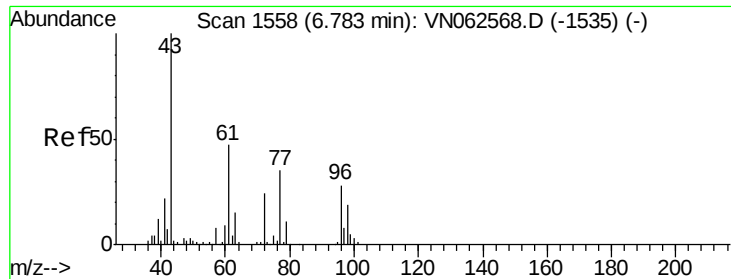
Tgt Ion: 43 Resp: 1015309
Ion Ratio Lower Upper
43 100
72 23.2 19.0 28.6



#26
2,2-Dichloropropane
Concen: 103.911 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 77 Resp: 430514
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 105.409 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

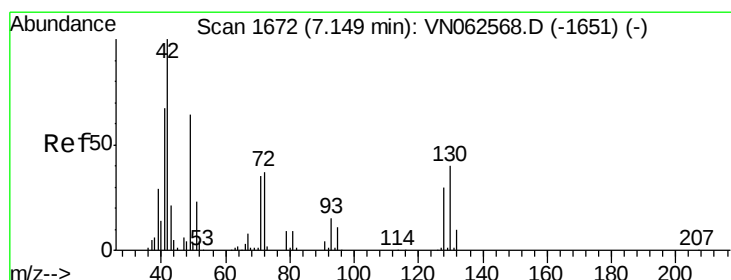
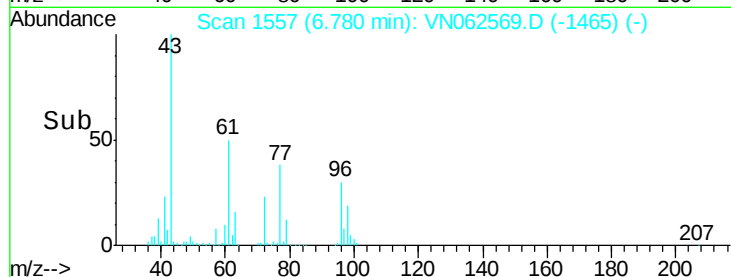
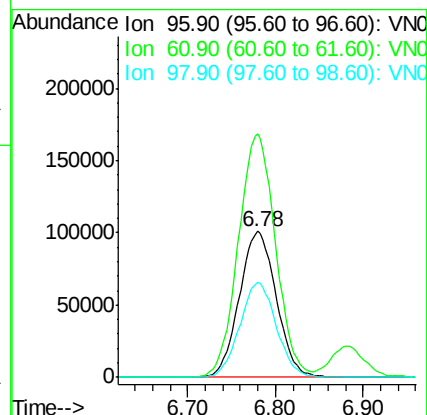
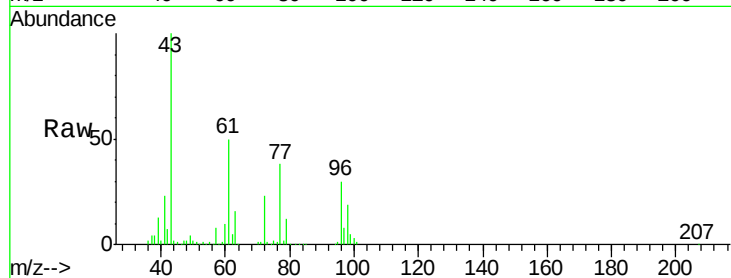
Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 296289

Ion	Ratio	Lower	Upper
96	100		
61	167.2	0.0	332.4
98	64.4	0.0	127.4



#28

Bromochloromethane

Concen: 94.612 ug/l

RT: 7.15 min Scan# 1672

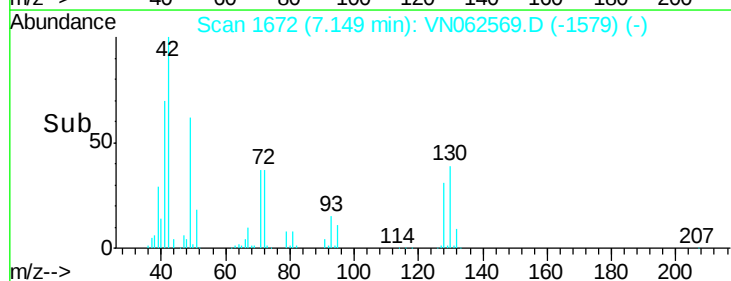
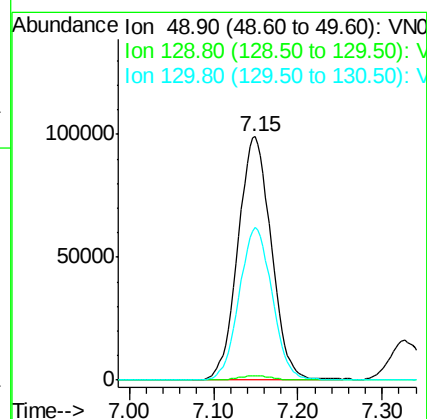
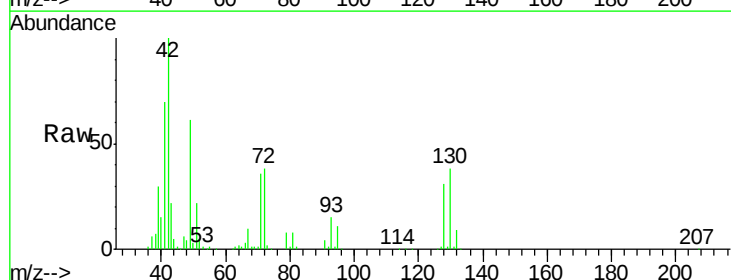
Delta R.T. -0.00 min

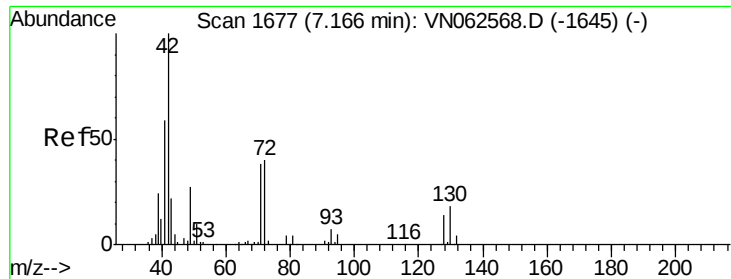
Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Tgt Ion: 49 Resp: 272760

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	62.1	49.8	74.8

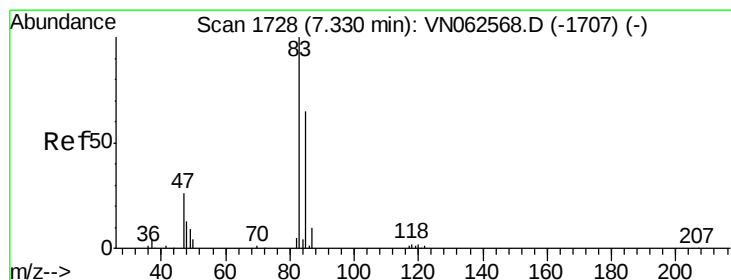
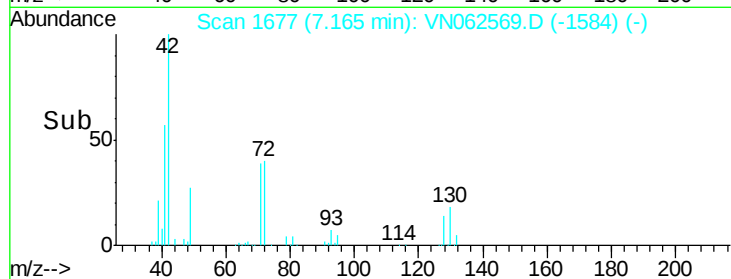
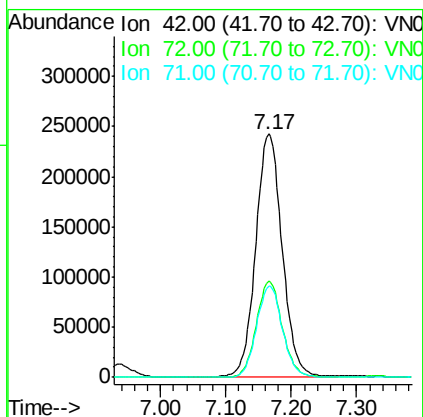
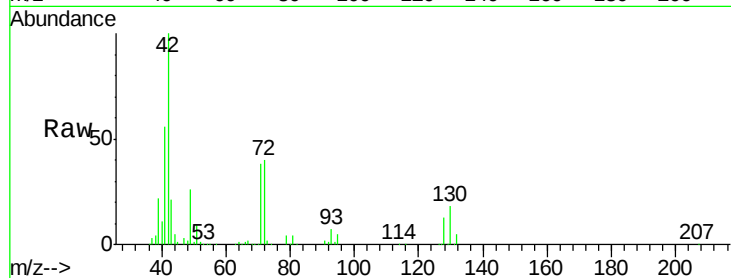




#29
Tetrahydrofuran
Concen: 495.649 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

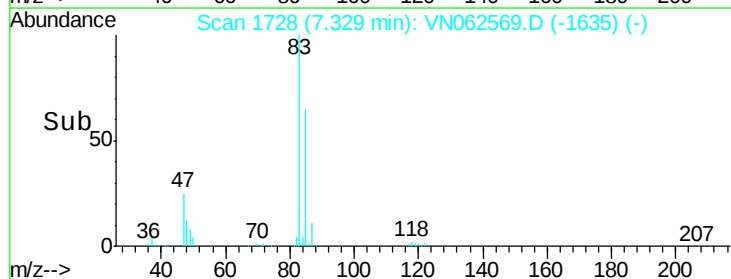
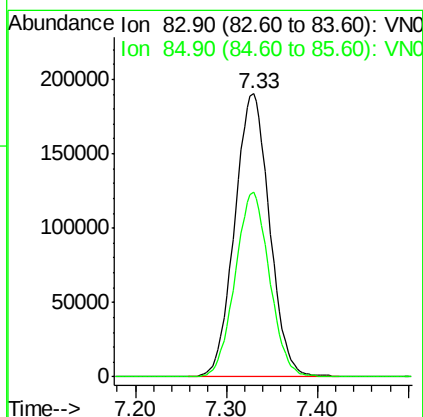
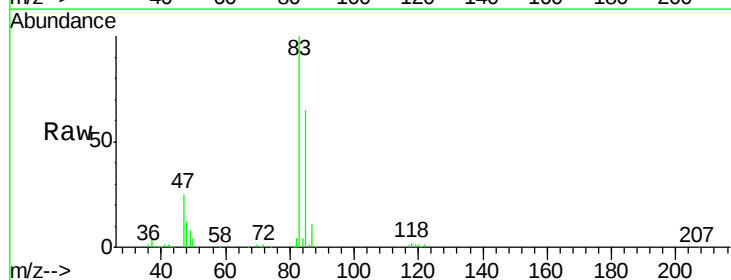
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

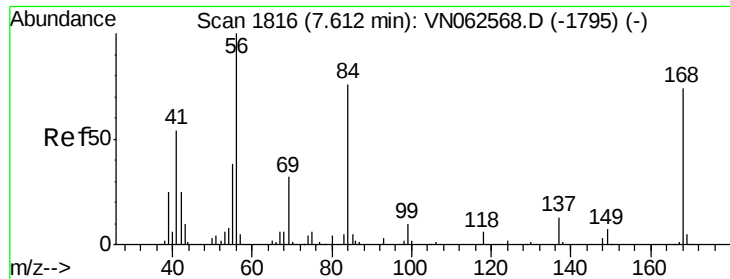
Tgt Ion: 42 Resp: 684722
Ion Ratio Lower Upper
42 100
72 38.6 30.7 46.1
71 36.9 29.1 43.7



#30
Chloroform
Concen: 104.339 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 83 Resp: 506547
Ion Ratio Lower Upper
83 100
85 65.2 52.0 78.0

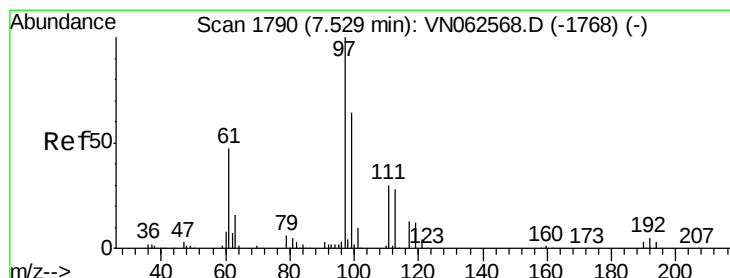
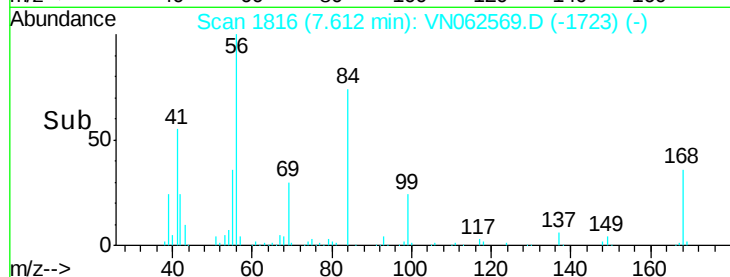
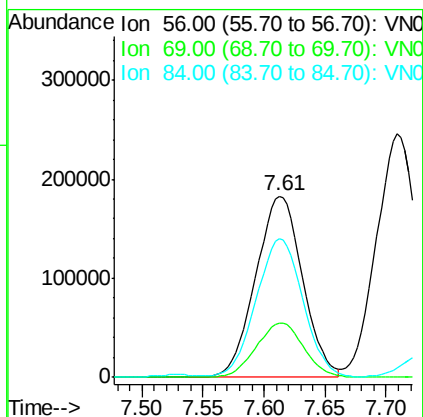
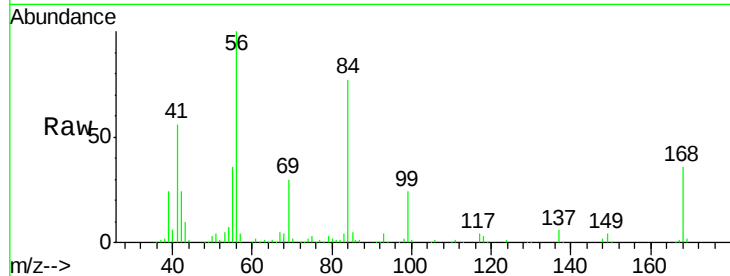




#31
Cyclohexane
Concen: 96.920 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

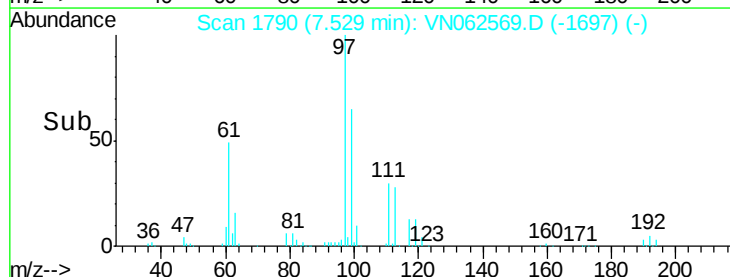
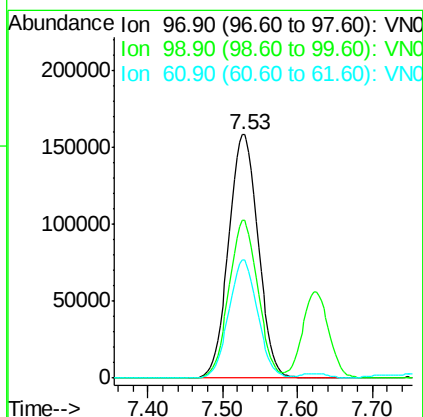
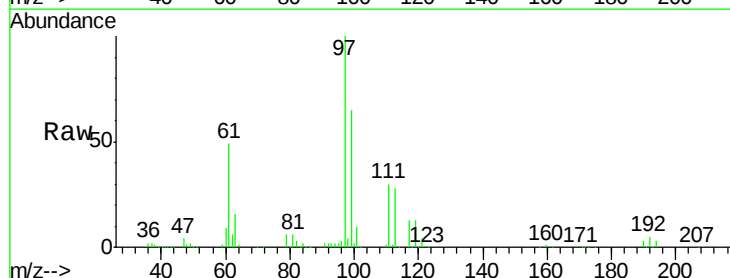
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

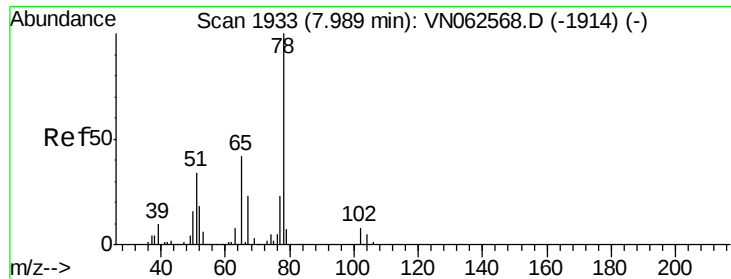
Tgt Ion: 56 Resp: 488954
Ion Ratio Lower Upper
56 100
69 30.1 25.3 37.9
84 75.4 61.0 91.4



#32
1,1,1-Trichloroethane
Concen: 107.381 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 97 Resp: 434827
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 47.4 38.4 57.6

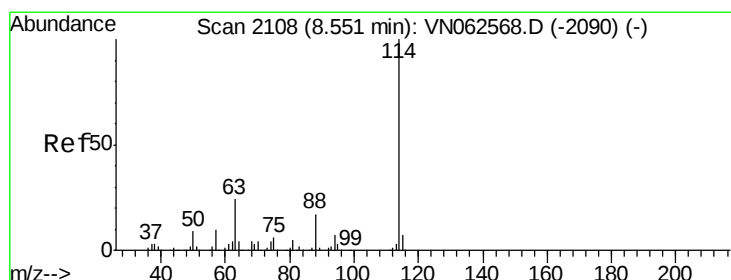
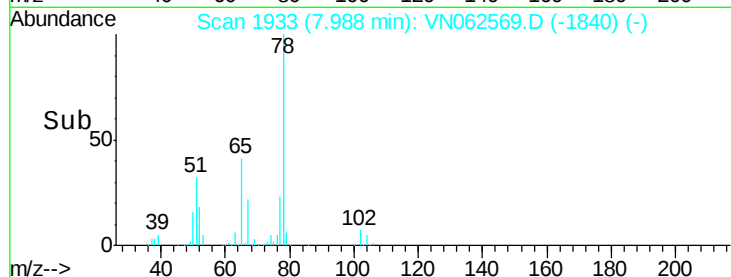
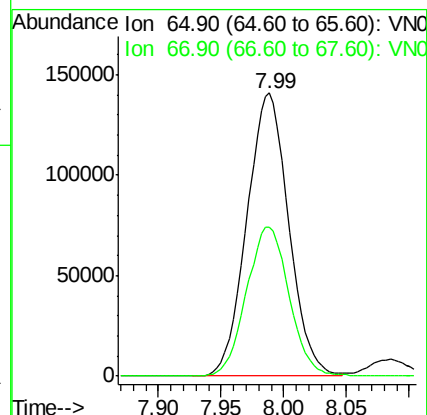
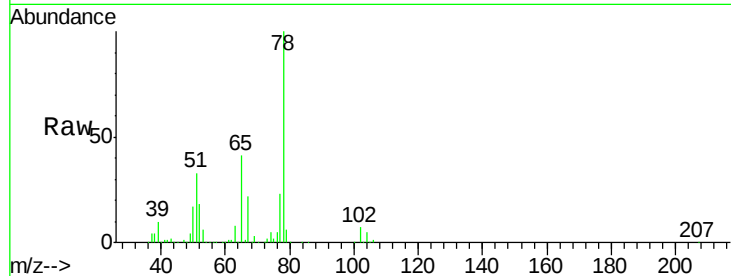




#33
 1,2-Dichloroethane-d4
 Concen: 97.727 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

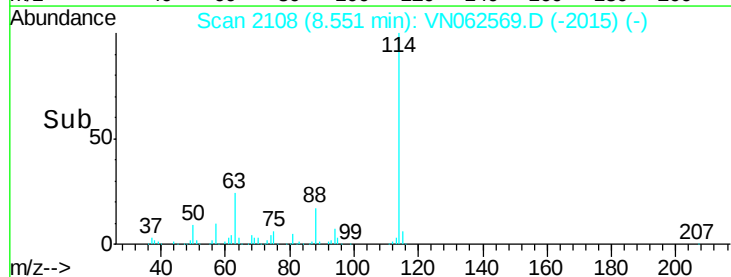
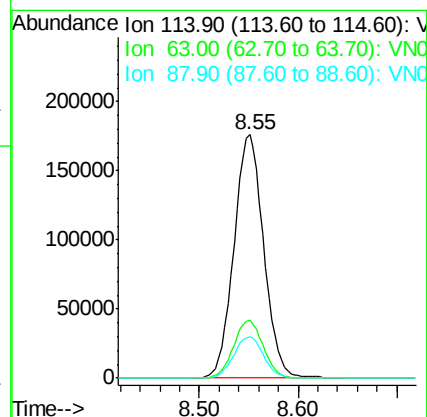
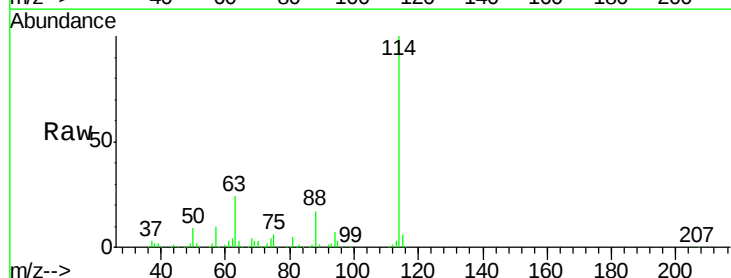
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

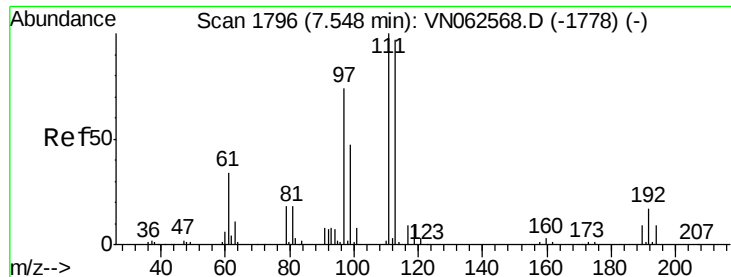
Tgt Ion: 65 Resp: 327362
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion: 114 Resp: 369312
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 48.4
 88 17.0 0.0 33.8

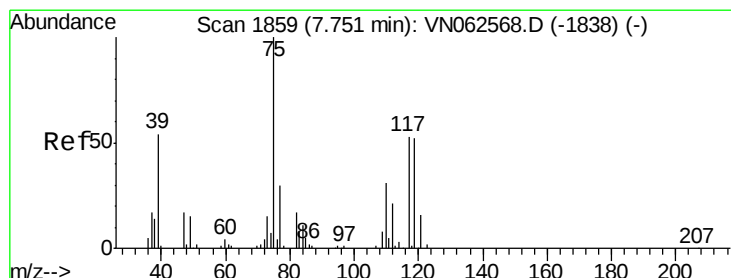
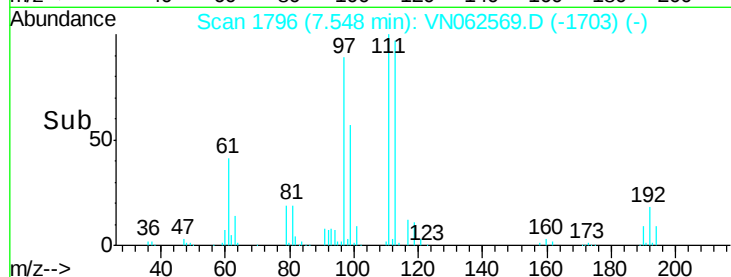
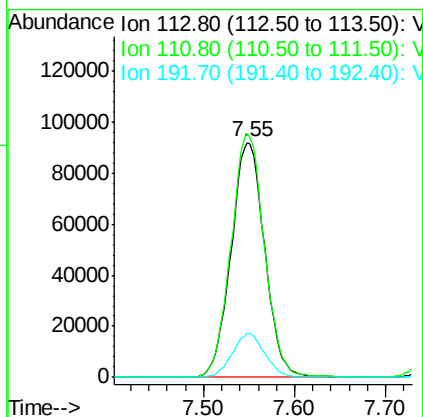
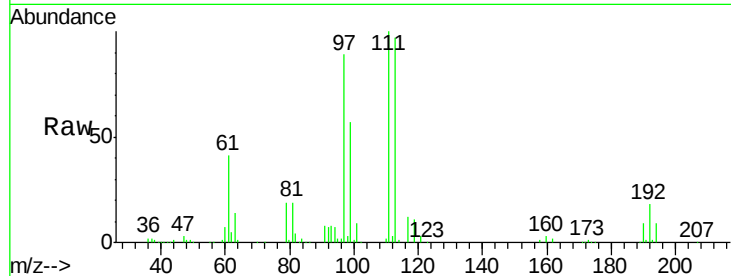




#35
 Dibromofluoromethane
 Concen: 102.924 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

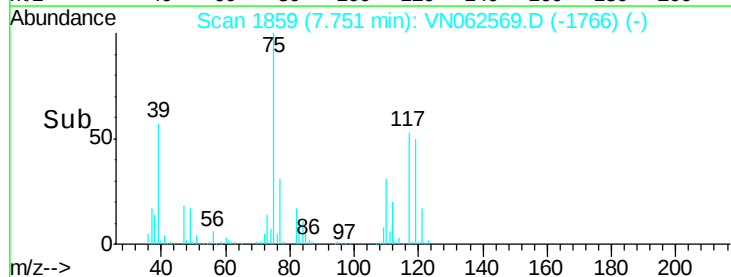
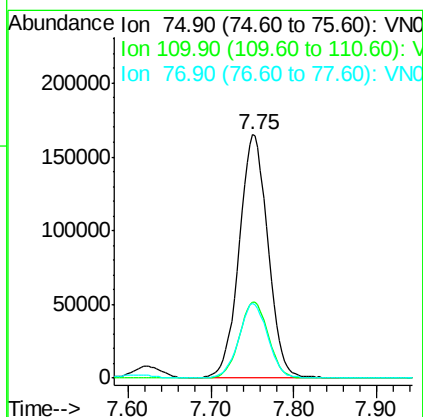
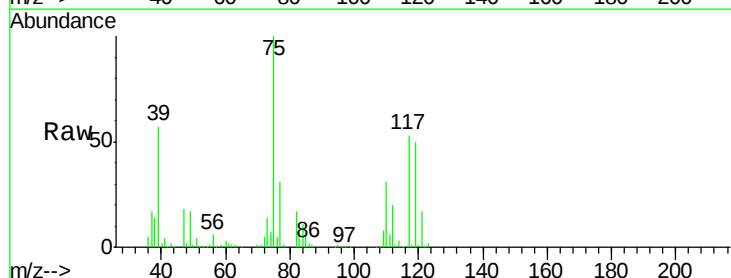
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

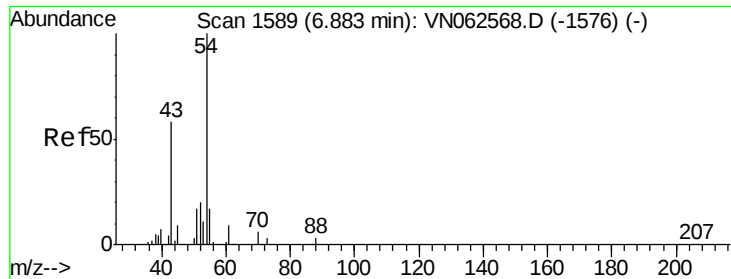
Tgt Ion: 113 Resp: 236038
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 18.0 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 106.700 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion: 75 Resp: 396667
 Ion Ratio Lower Upper
 75 100
 110 31.8 16.0 48.0
 77 31.1 24.6 36.8

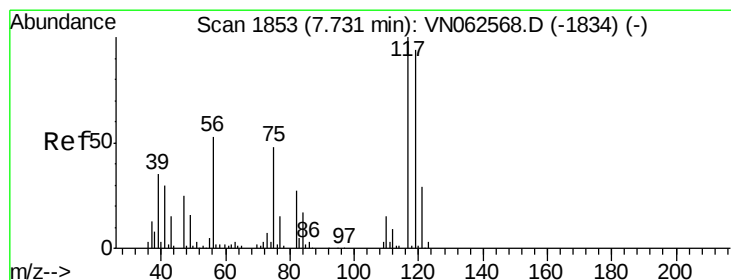
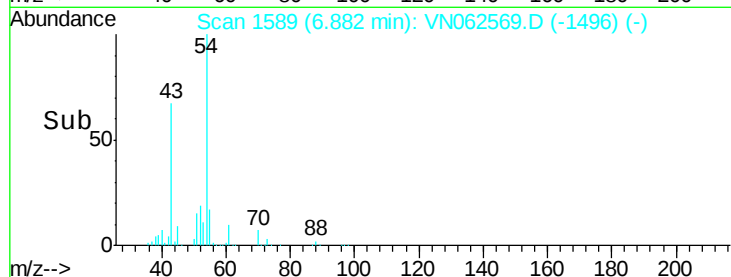
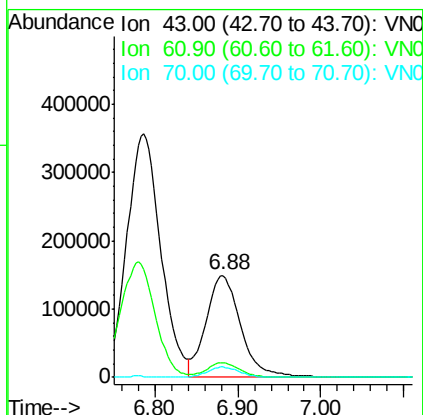
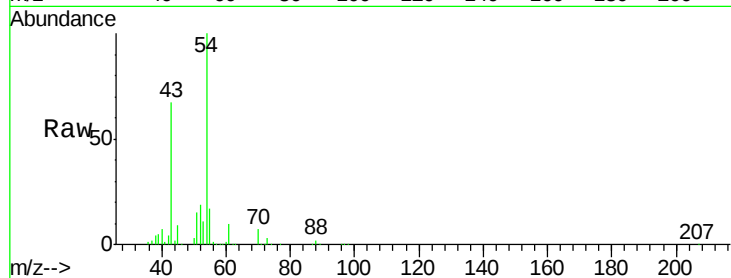




#37
 Ethyl Acetate
 Concen: 99.448 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

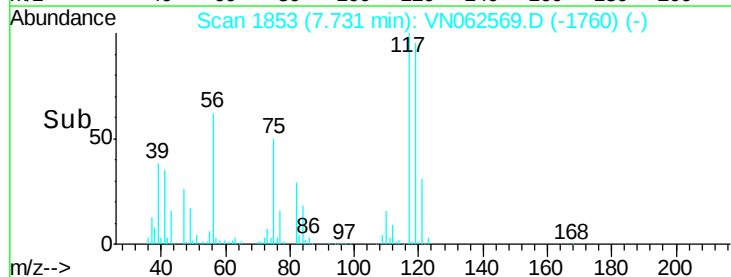
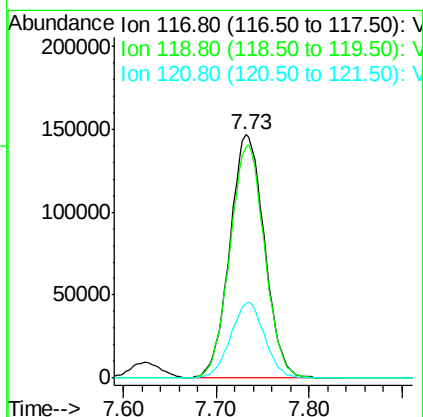
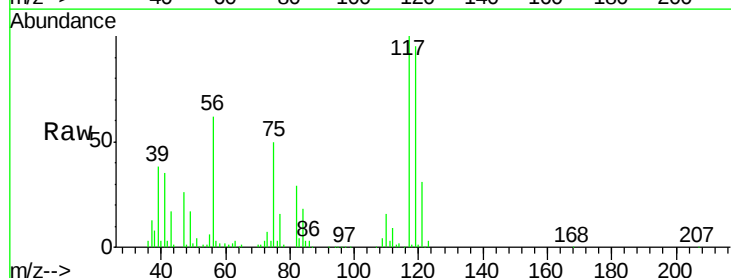
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

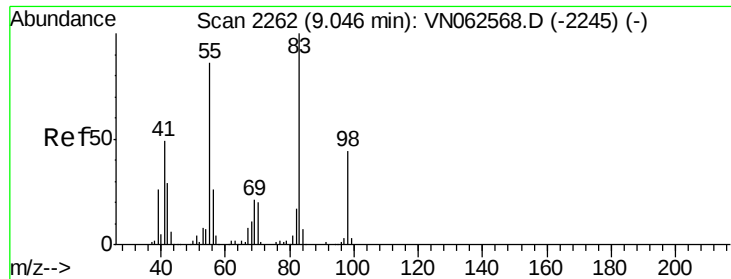
Tgt Ion: 43 Resp: 429889
 Ion Ratio Lower Upper
 43 100
 61 13.7 11.3 16.9
 70 9.5 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 111.333 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion: 117 Resp: 378133
 Ion Ratio Lower Upper
 117 100
 119 95.1 74.8 112.2
 121 30.9 23.0 34.6

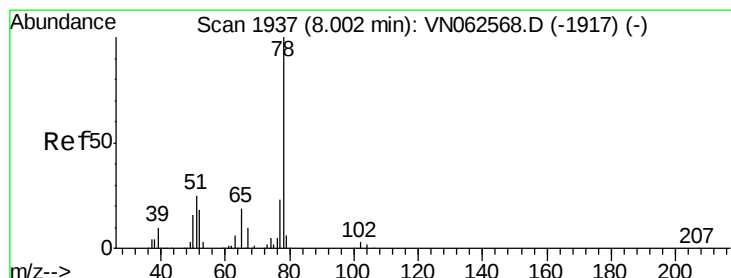
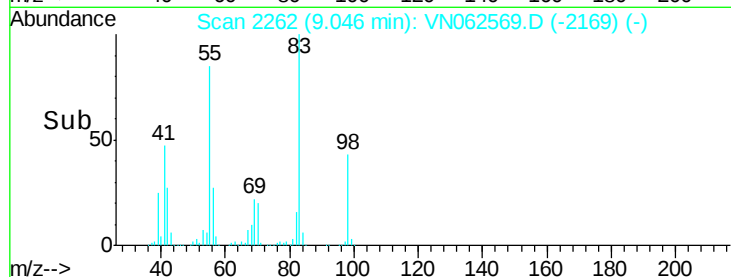
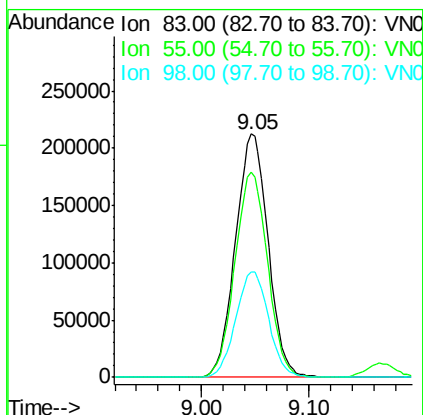
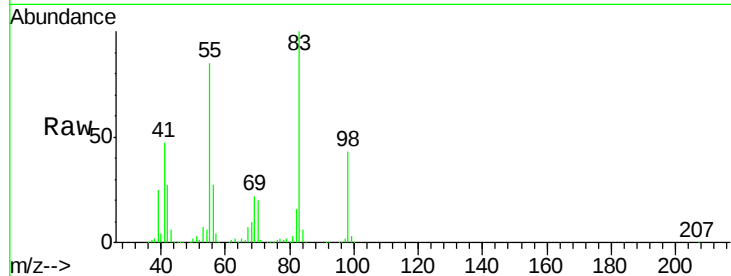




#39
Methylcyclohexane
Concen: 112.351 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

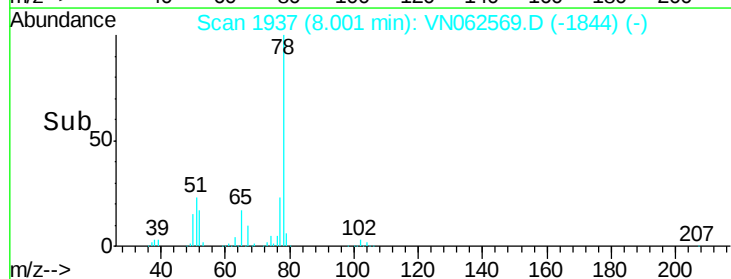
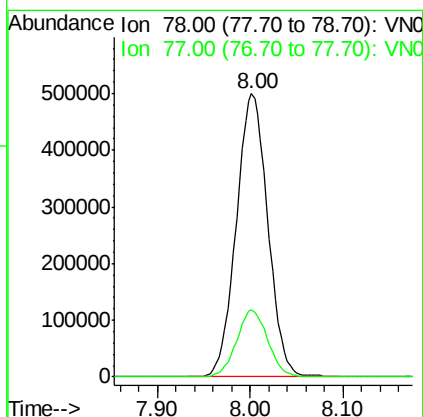
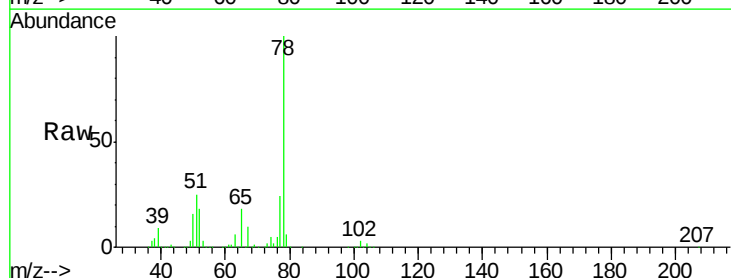
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

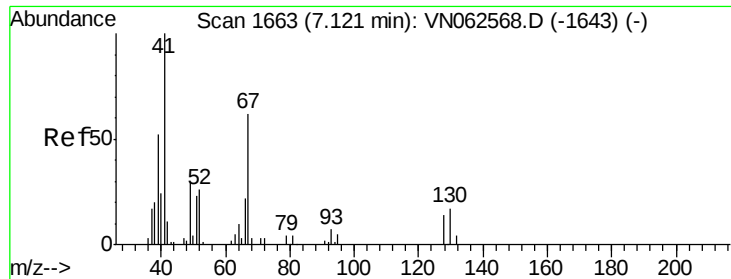
Tgt Ion: 83 Resp: 445661
Ion Ratio Lower Upper
83 100
55 84.5 68.9 103.3
98 43.5 35.1 52.7



#40
Benzene
Concen: 106.805 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 78 Resp: 1177397
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

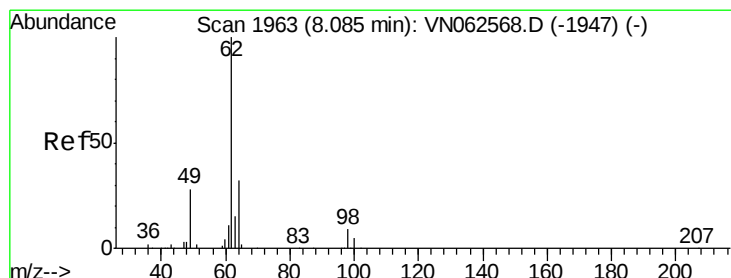
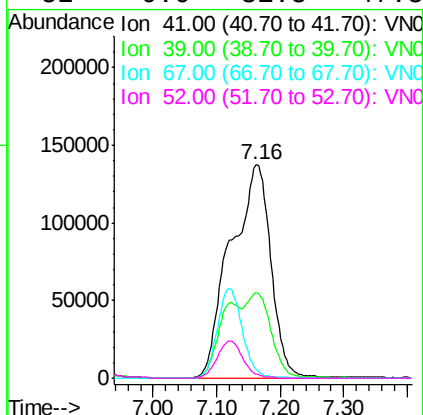
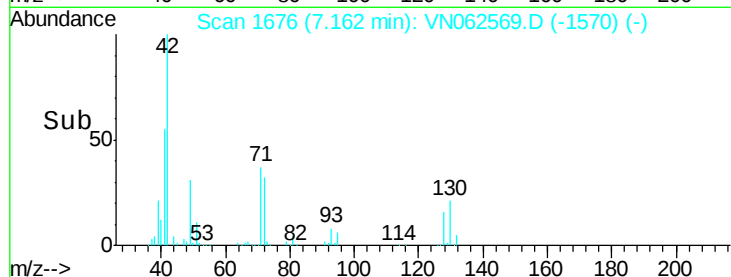
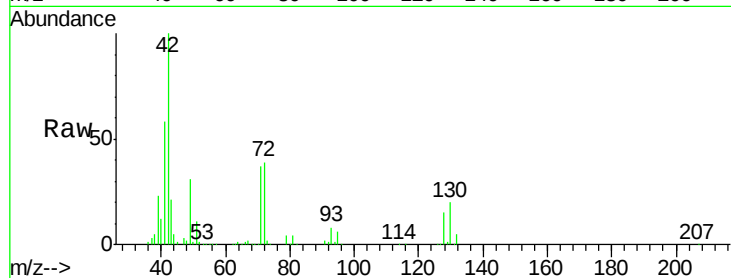




#41
Methacrylonitrile
Concen: 341.535 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

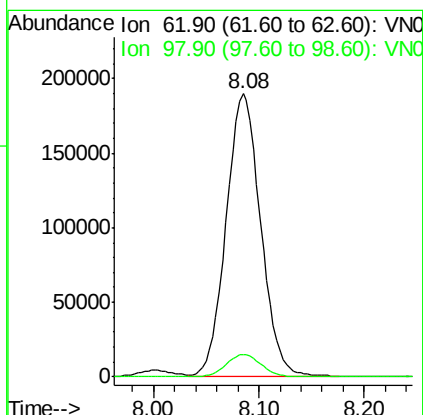
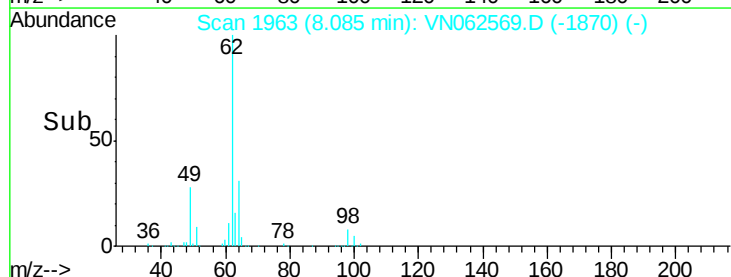
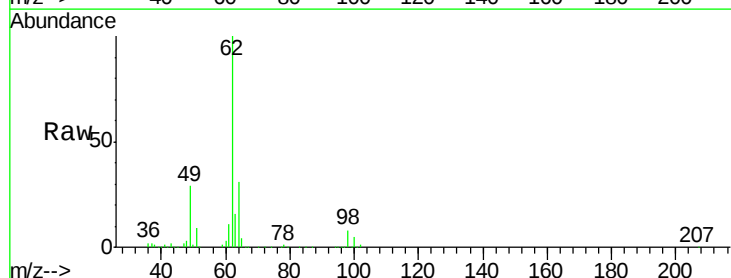
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

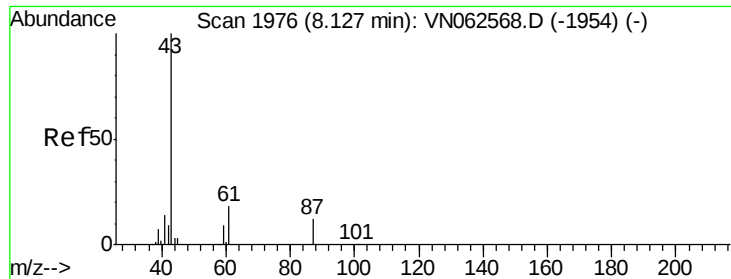
Tgt Ion: 41 Resp: 605152
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 72.5 108.7#
52 0.0 31.8 47.8#



#42
1,2-Dichloroethane
Concen: 106.273 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 62 Resp: 428939
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.2





#43

Isopropyl Acetate

Concen: 104.520 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

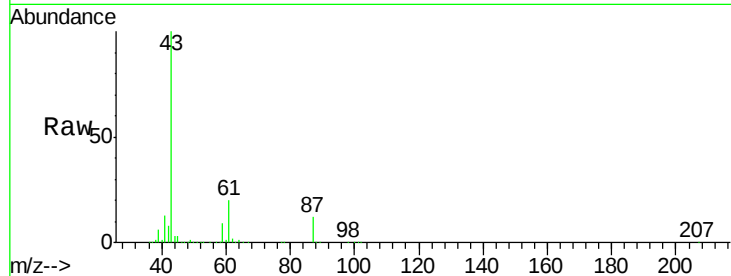
Tgt Ion: 43 Resp: 714007

Ion Ratio Lower Upper

43 100

61 19.6 20.8 31.2#

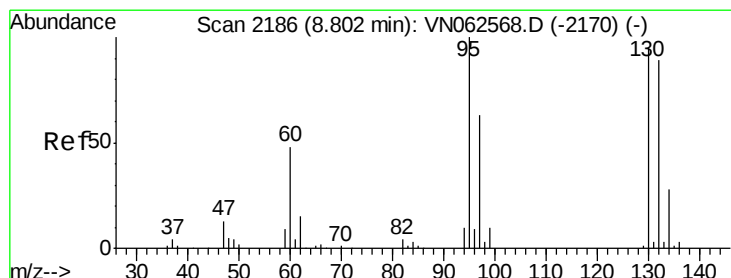
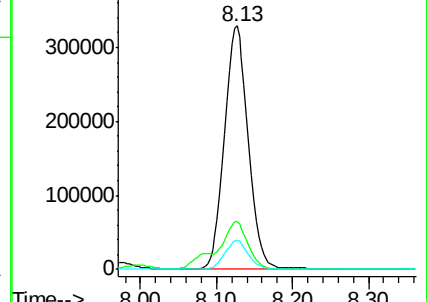
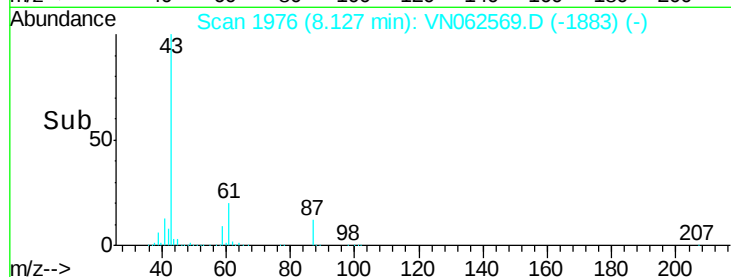
87 11.8 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062568.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1954) (-)



#44

Trichloroethene

Concen: 108.123 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062569.D

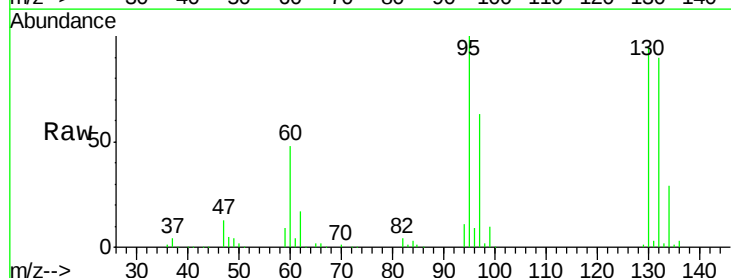
Acq: 21 Jul 2020 13:10

Tgt Ion: 130 Resp: 265430

Ion Ratio Lower Upper

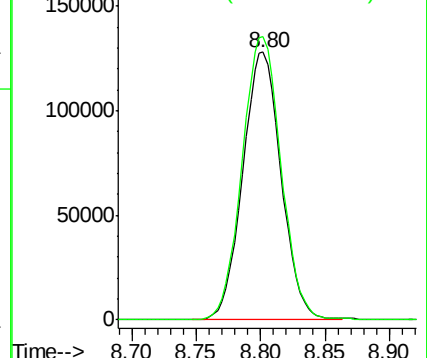
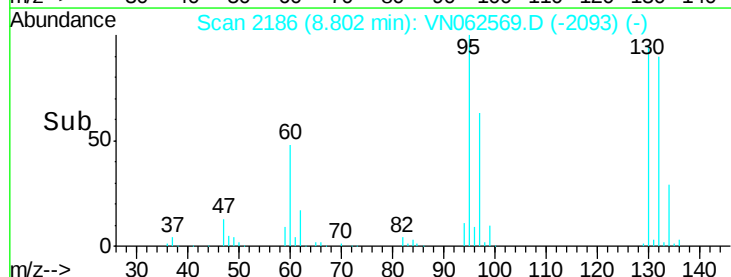
130 100

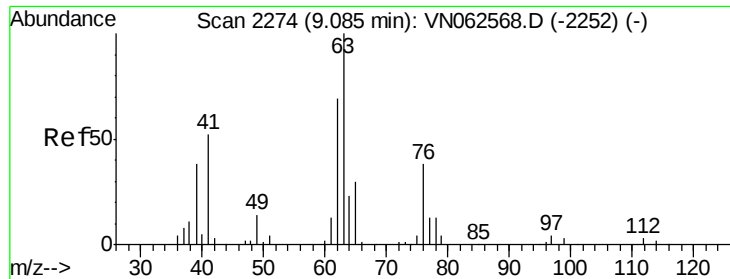
95 105.7 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062568.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062568.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 105.453 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

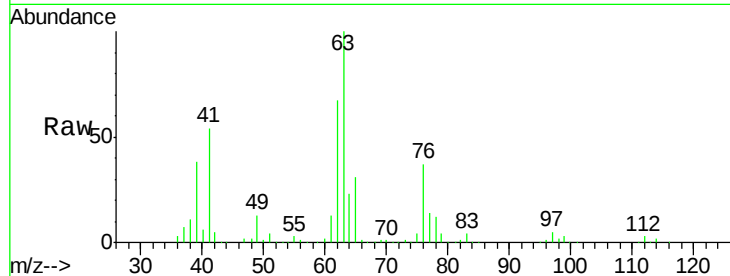
VSTDIC100

Tgt Ion: 63 Resp: 335439

Ion Ratio Lower Upper

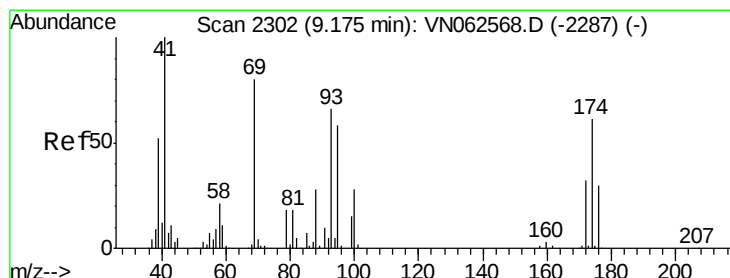
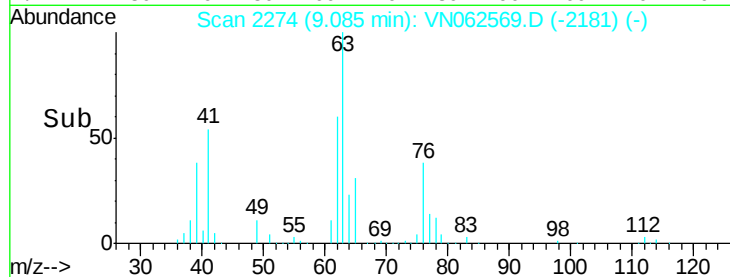
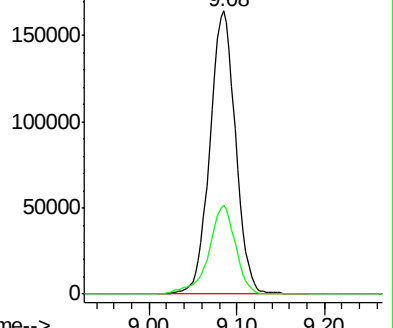
63 100

65 31.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN062568.D (-2252) (-)

Ion 64.90 (64.60 to 65.60): VN062568.D (-2252) (-)



#46

Dibromomethane

Concen: 107.581 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

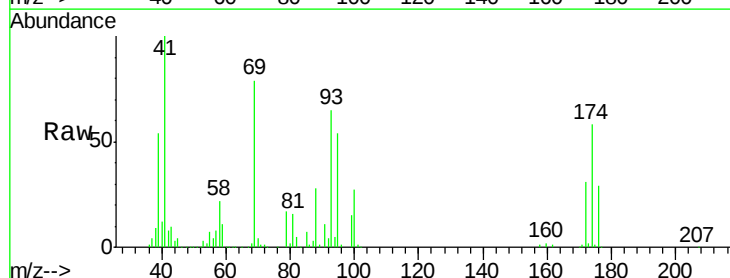
Tgt Ion: 93 Resp: 194389

Ion Ratio Lower Upper

93 100

95 81.7 67.6 101.4

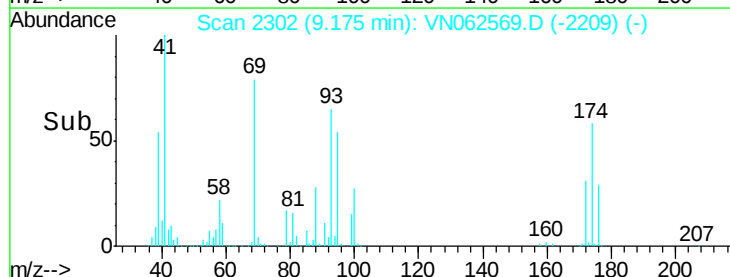
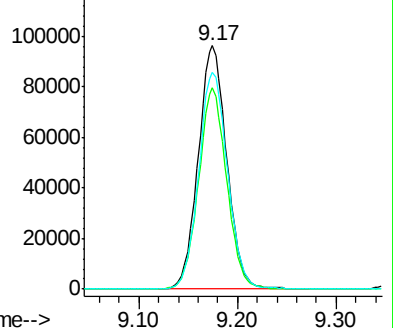
174 90.5 72.5 108.7

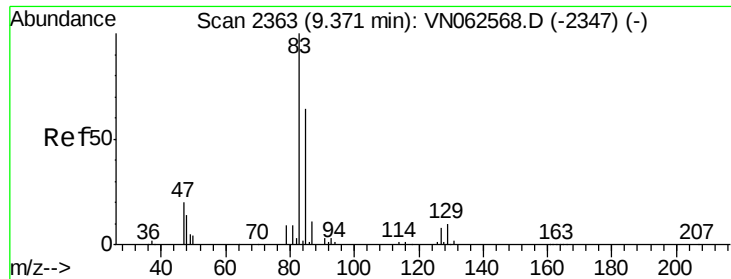


Abundance Ion 92.80 (92.50 to 93.50): VN062568.D (-2287) (-)

Ion 94.80 (94.50 to 95.50): VN062568.D (-2287) (-)

Ion 173.70 (173.40 to 174.40): VN062568.D (-2287) (-)





#47

Bromodichloromethane

Concen: 108.805 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

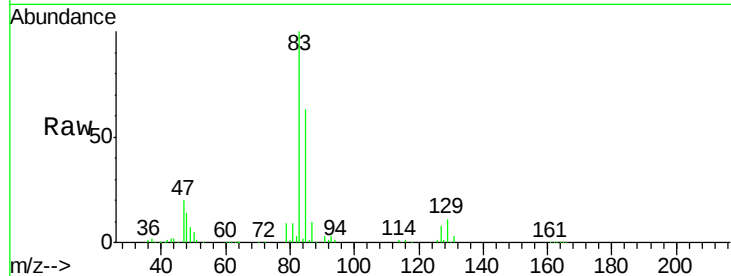
Tgt Ion: 83 Resp: 419275

Ion Ratio Lower Upper

83 100

85 62.9 51.6 77.4

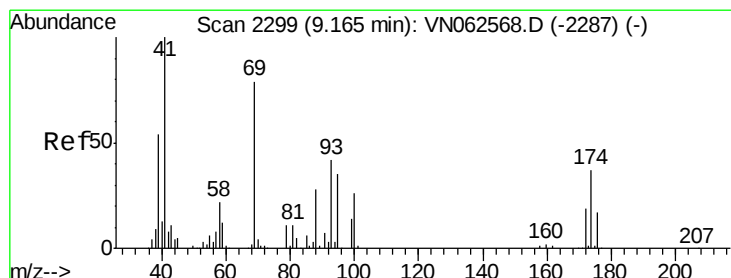
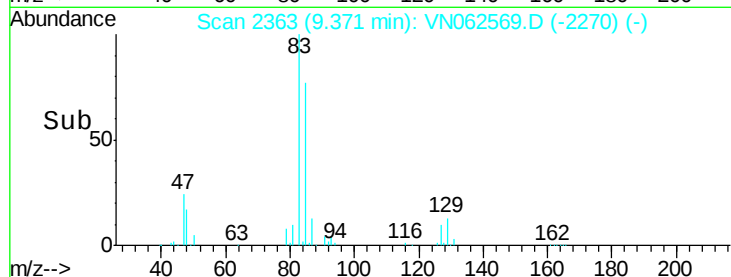
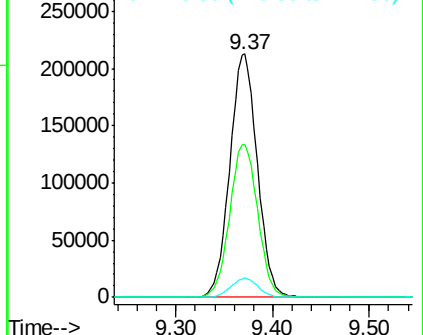
127 7.9 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062569.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062569.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062569.D (-2270) (-)



#48

Methyl methacrylate

Concen: 103.885 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

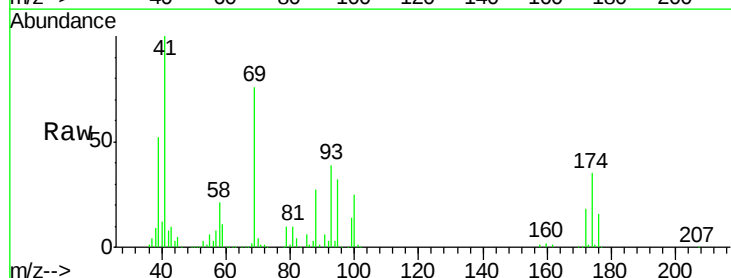
Tgt Ion: 41 Resp: 346472

Ion Ratio Lower Upper

41 100

69 79.9 64.4 96.6

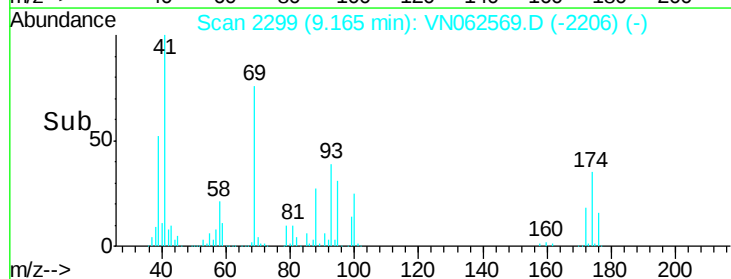
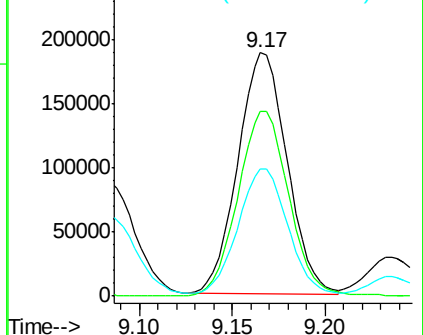
39 53.9 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN062569.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062569.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062569.D (-2206) (-)

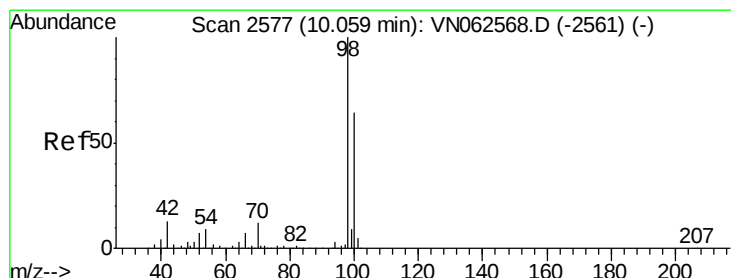
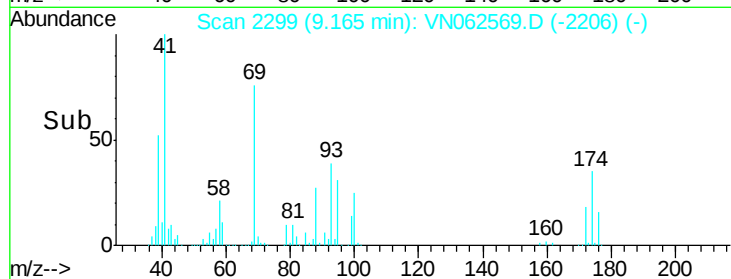
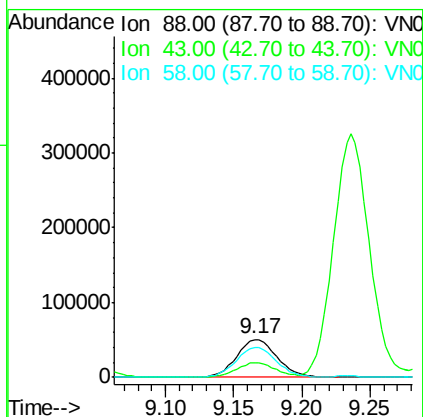
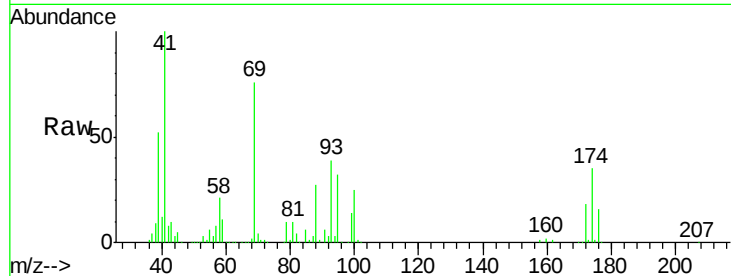




#49
1,4-Dioxane
Concen: 2123.456 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

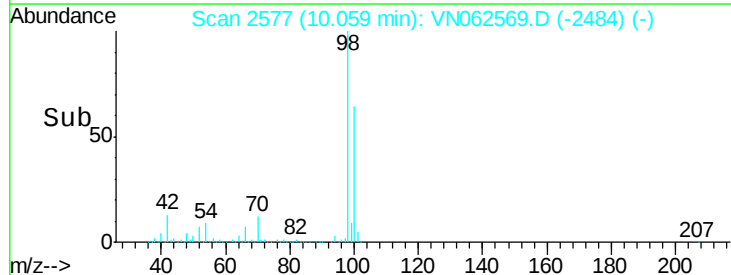
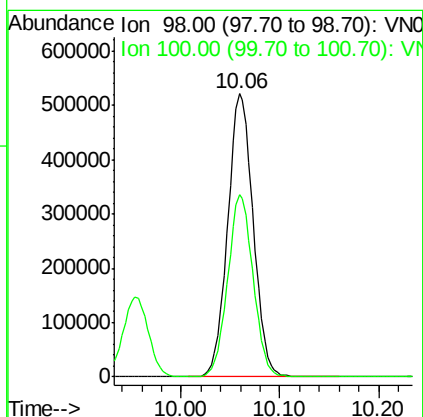
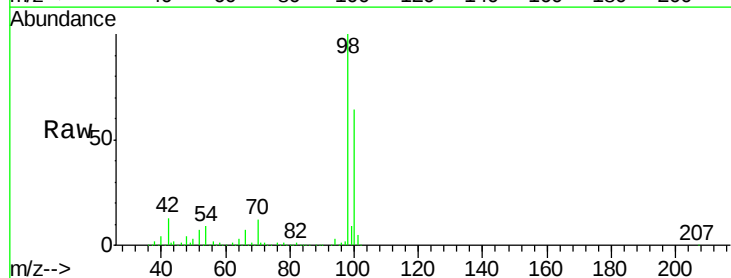
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

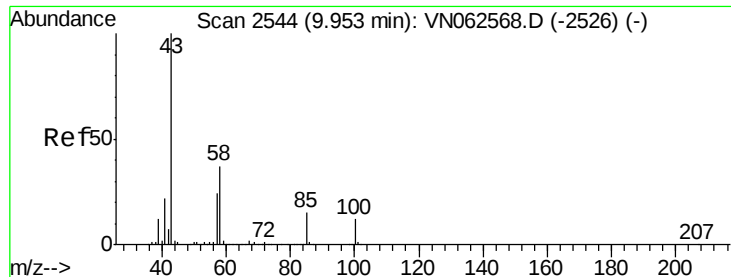
Tgt Ion: 88 Resp: 104301
Ion Ratio Lower Upper
88 100
43 37.3 32.0 48.0
58 78.6 62.8 94.2



#50
Toluene-d8
Concen: 104.071 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 98 Resp: 943163
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 526.699 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

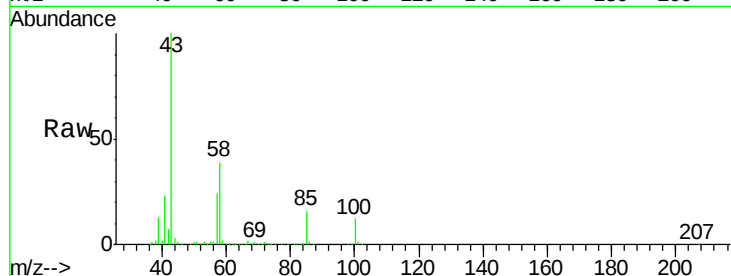
VSTDIC100

Tgt Ion: 43 Resp: 2145374

Ion Ratio Lower Upper

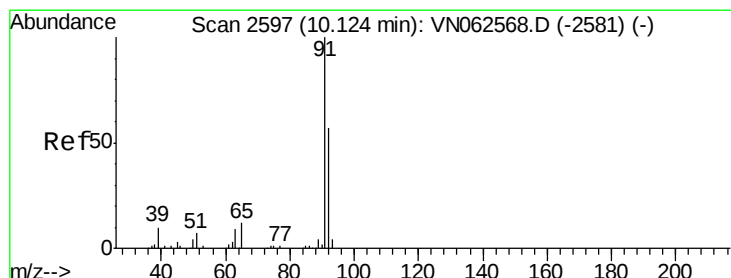
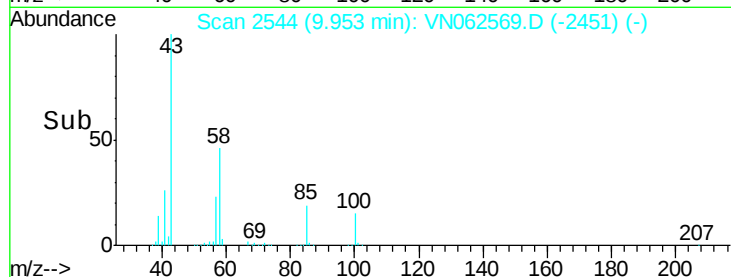
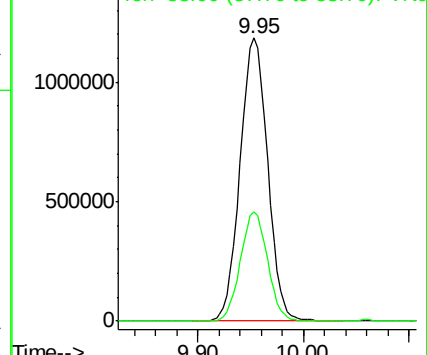
43 100

58 38.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-2526) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-2526) (-)



#52

Toluene

Concen: 111.431 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062569.D

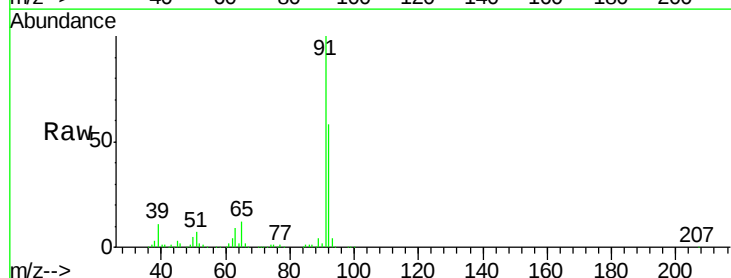
Acq: 21 Jul 2020 13:10

Tgt Ion: 92 Resp: 713068

Ion Ratio Lower Upper

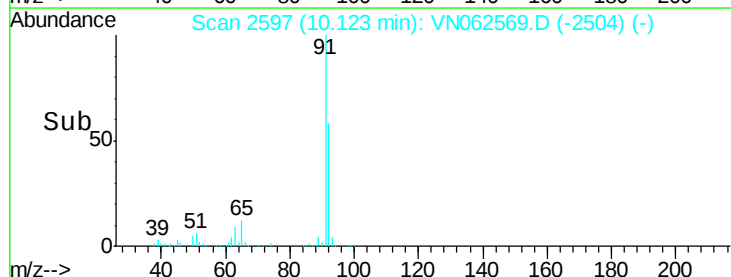
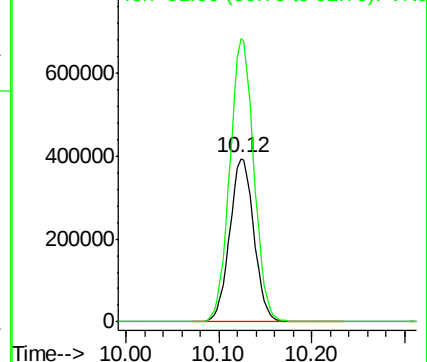
92 100

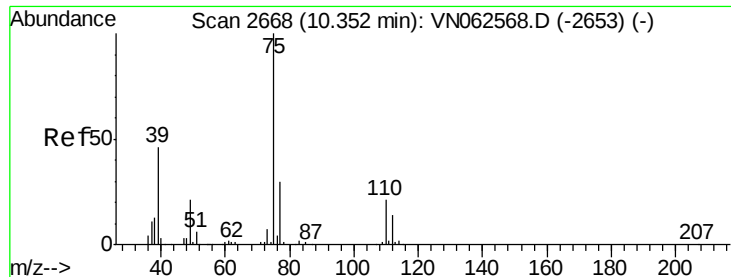
91 172.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062568.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062568.D (-2581) (-)





#53

t-1,3-Dichloropropene

Concen: 113.695 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

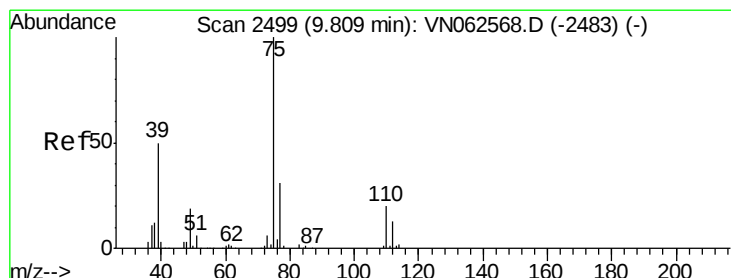
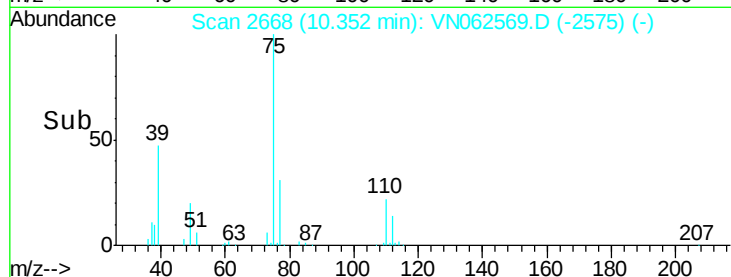
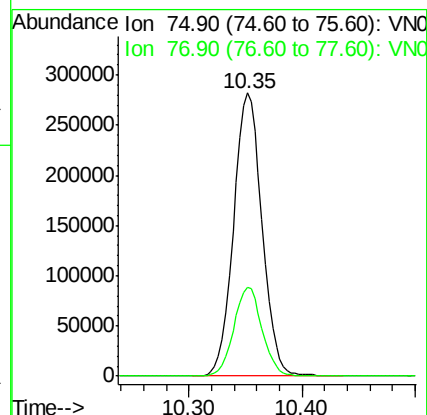
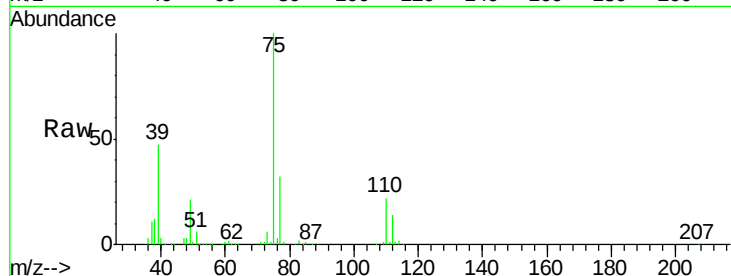
VSTDIC100

Tgt Ion: 75 Resp: 492305

Ion Ratio Lower Upper

75 100

77 31.6 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 110.346 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

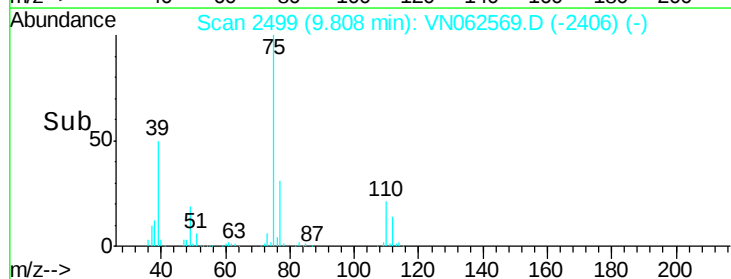
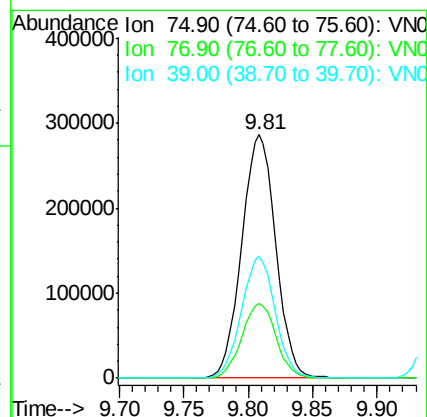
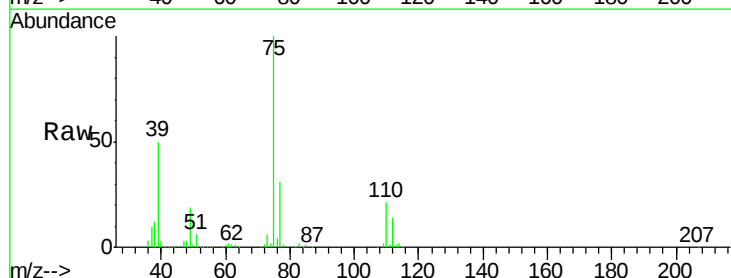
Tgt Ion: 75 Resp: 526005

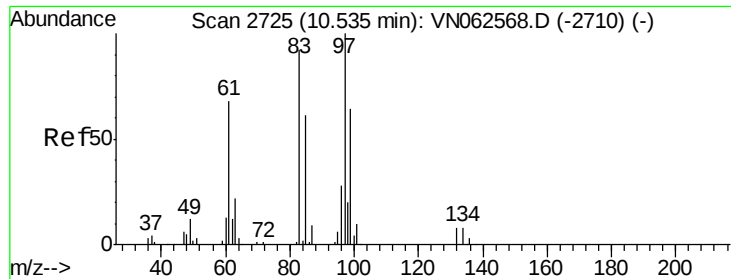
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

39 50.0 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 109.474 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tgt Ion: 97 Resp: 273472

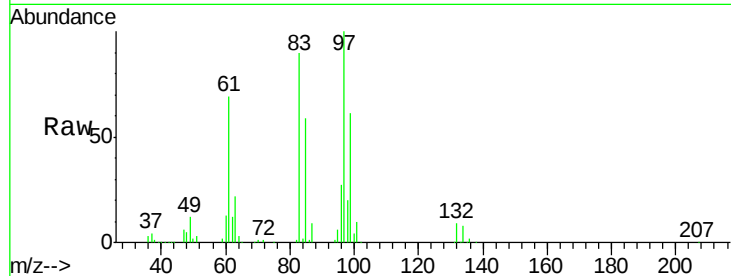
Ion Ratio Lower Upper

97 100

83 89.9 73.7 110.5

85 59.1 48.5 72.7

99 61.3 50.8 76.2

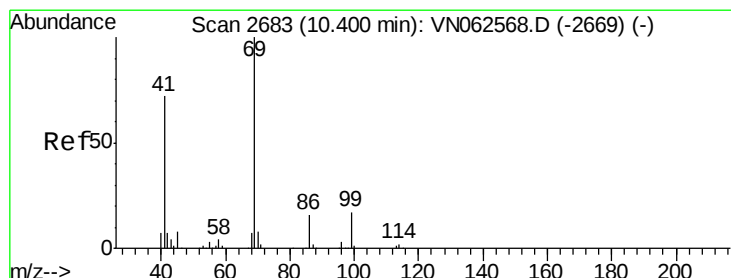
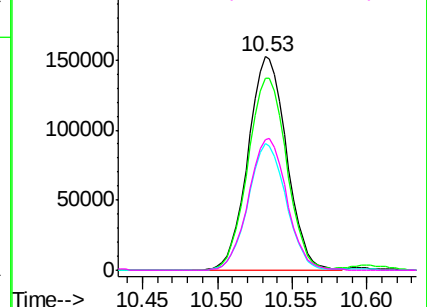
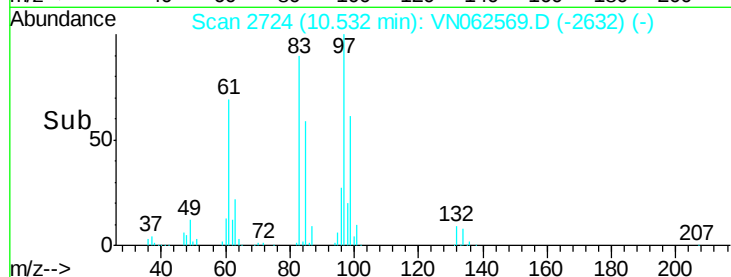


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 115.941 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

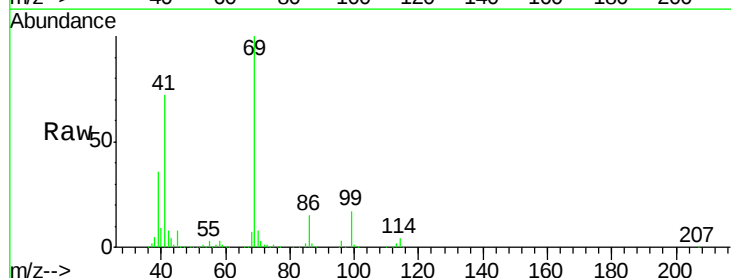
Tgt Ion: 69 Resp: 482457

Ion Ratio Lower Upper

69 100

41 71.5 57.2 85.8

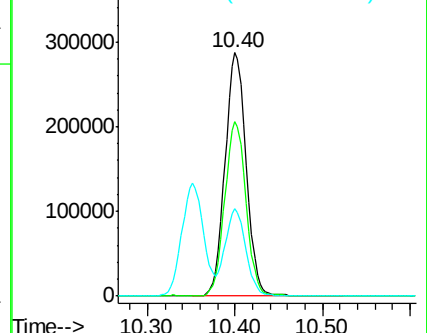
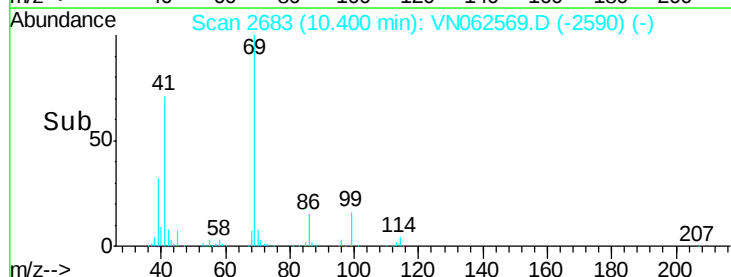
39 34.9 28.6 43.0

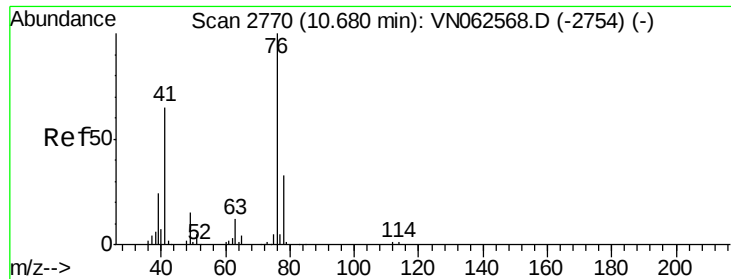


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

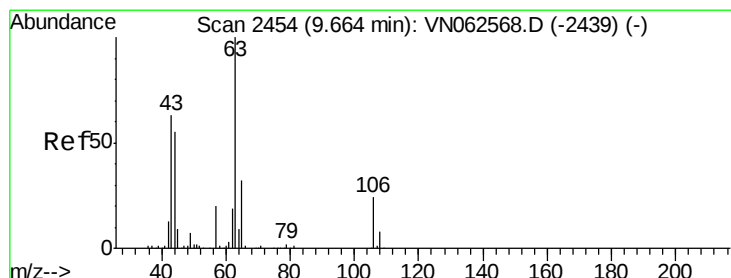
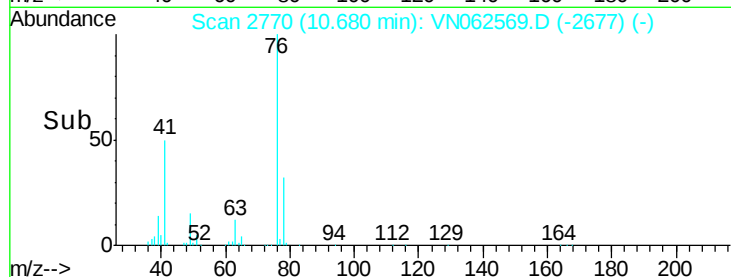
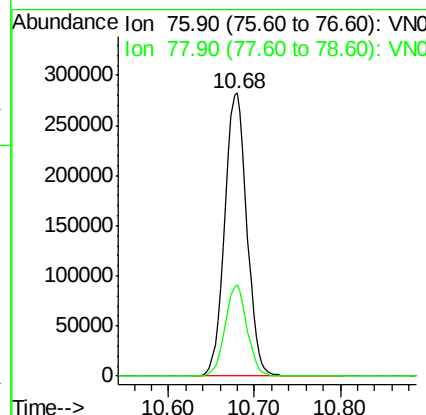
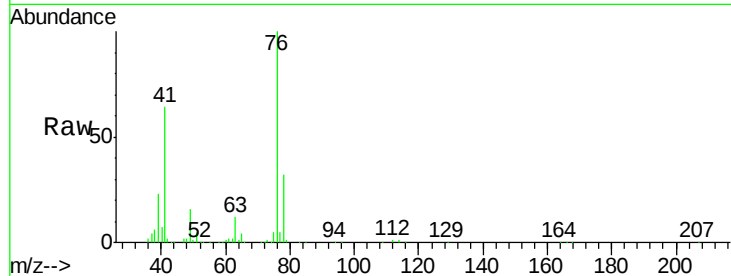




#57
 1,3-Dichloropropane
 Concen: 109.538 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

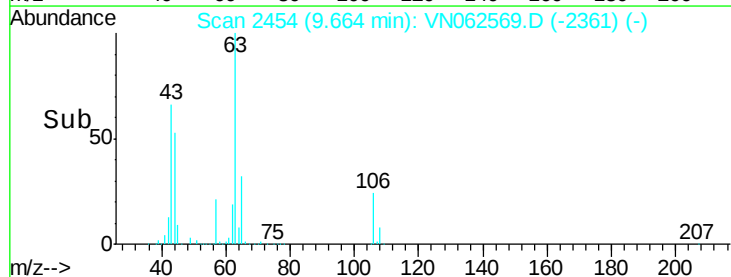
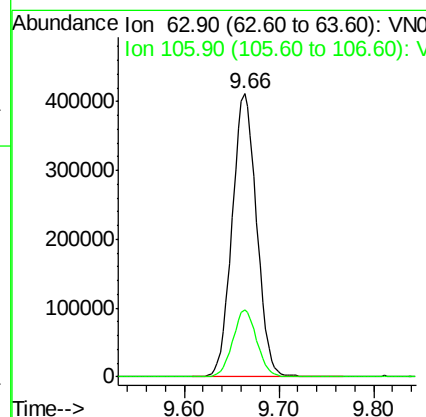
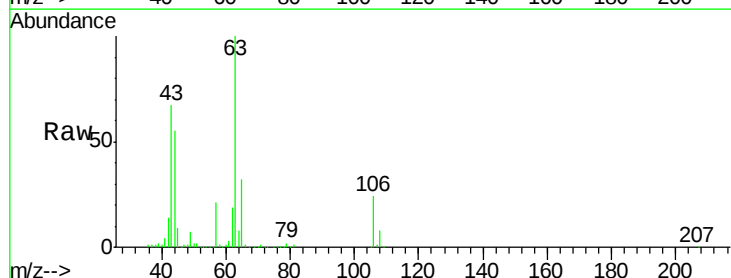
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

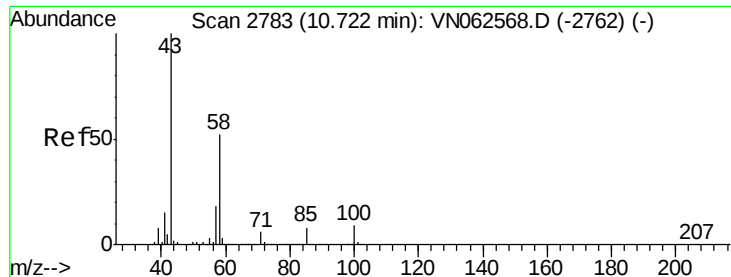
Tgt Ion: 76 Resp: 506025
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 515.200 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion: 63 Resp: 738951
 Ion Ratio Lower Upper
 63 100
 106 23.3 18.9 28.3

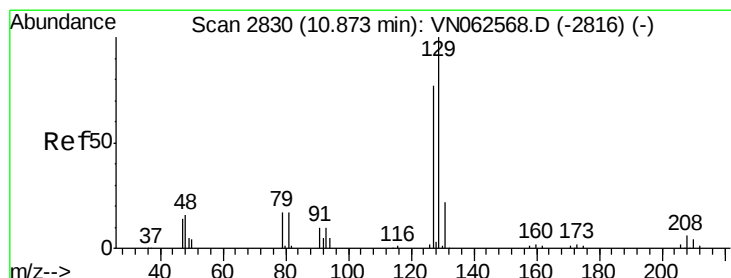
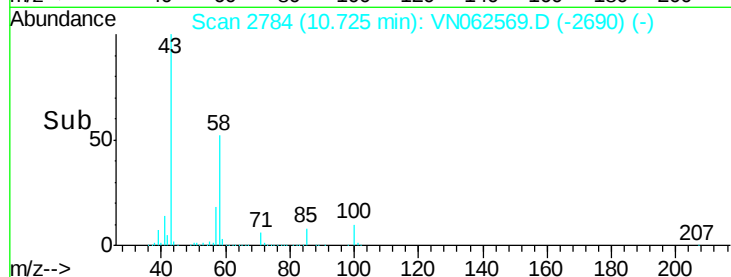
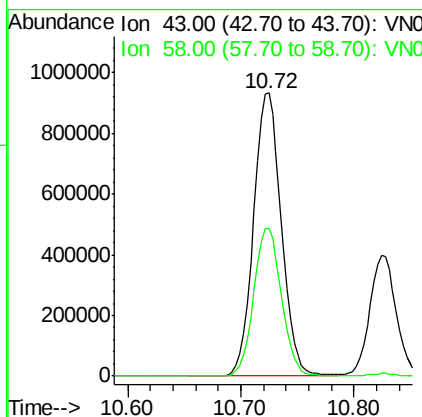
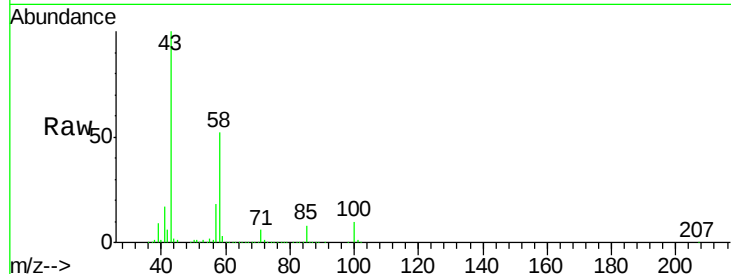




#59
2-Hexanone
Concen: 537.803 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

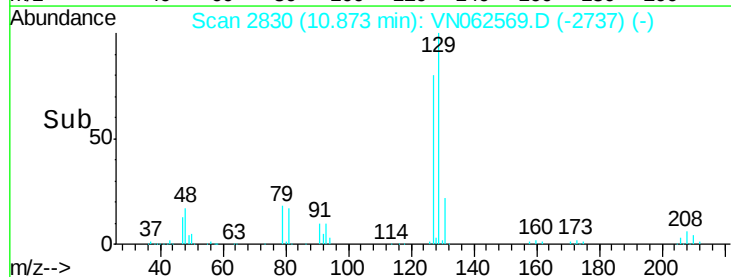
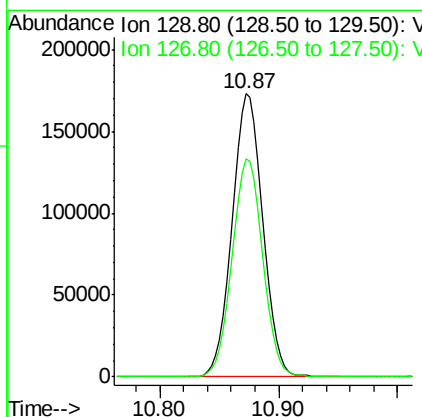
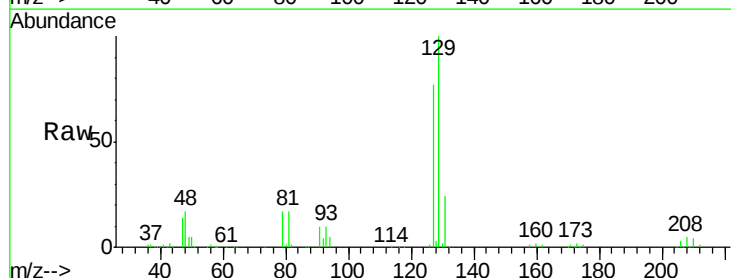
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

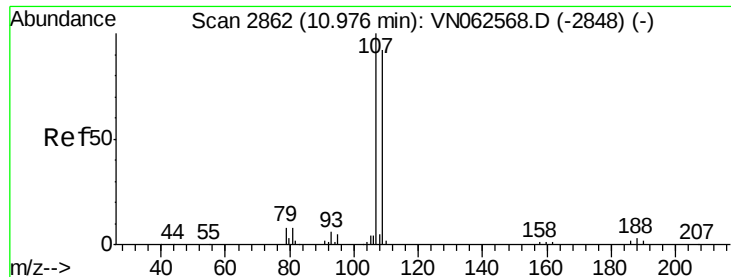
Tgt Ion: 43 Resp: 1591868
Ion Ratio Lower Upper
43 100
58 52.3 26.0 78.0



#60
Dibromochloromethane
Concen: 113.209 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 129 Resp: 309544
Ion Ratio Lower Upper
129 100
127 77.0 38.0 113.9





#61

1,2-Dibromoethane

Concen: 111.654 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

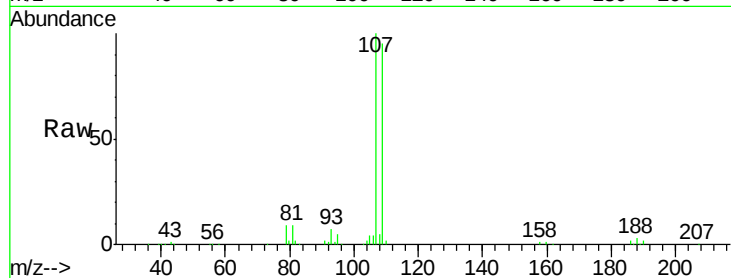
VSTDIC100

Tgt Ion: 107 Resp: 283775

Ion Ratio Lower Upper

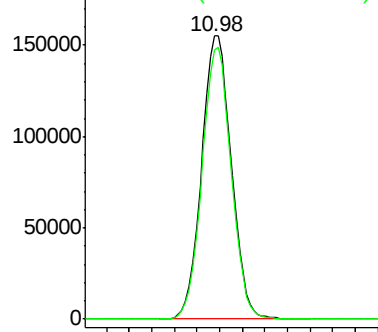
107 100

109 94.1 73.8 110.6

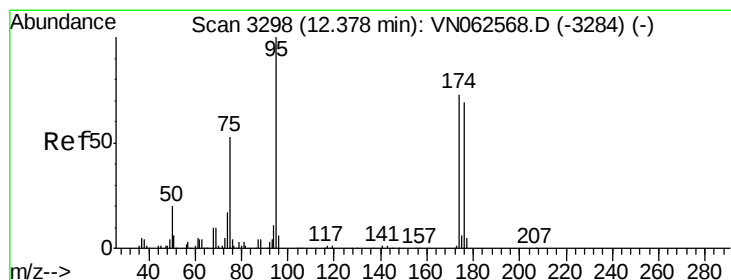
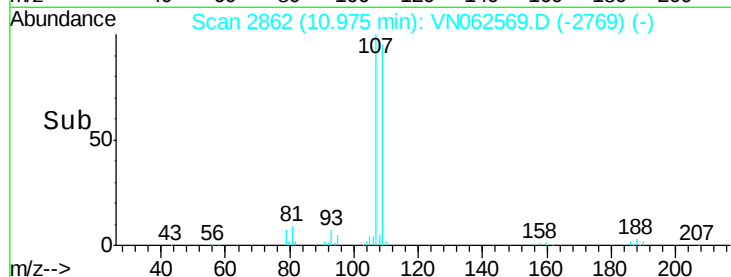


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 108.845 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

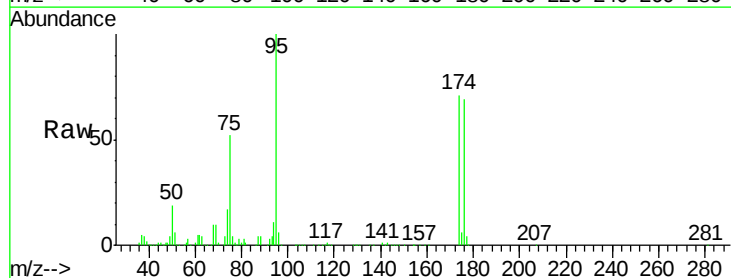
Tgt Ion: 95 Resp: 361881

Ion Ratio Lower Upper

95 100

174 71.4 0.0 144.6

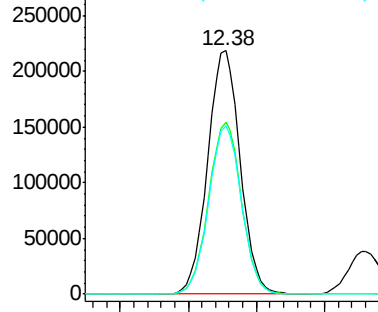
176 69.5 0.0 139.4



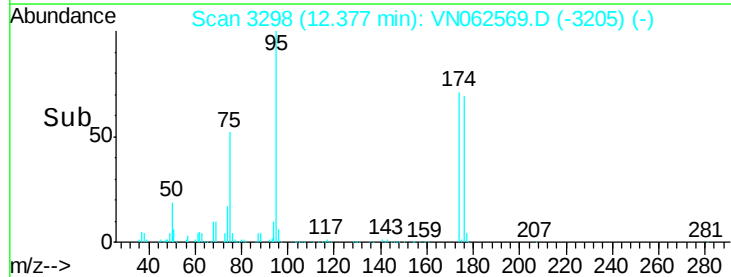
Abundance Ion 94.90 (94.60 to 95.60): V

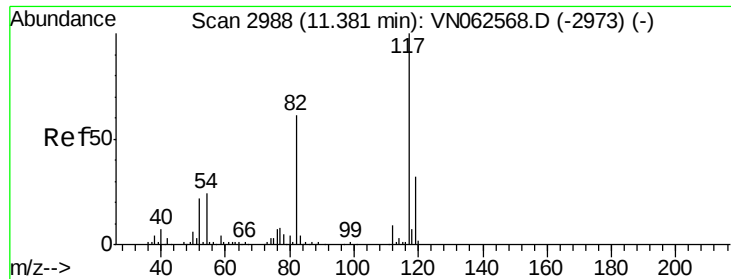
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

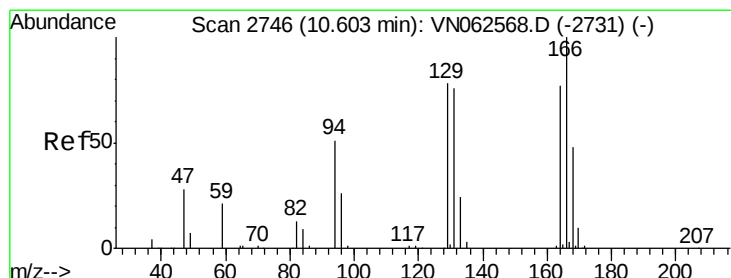
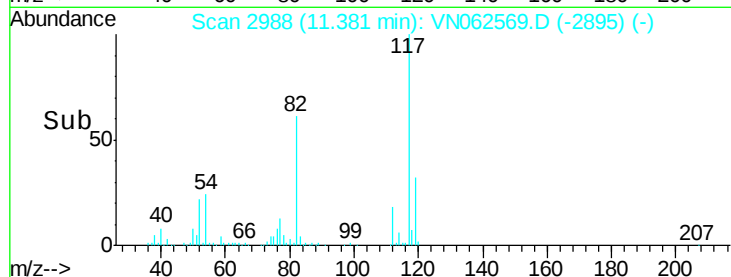
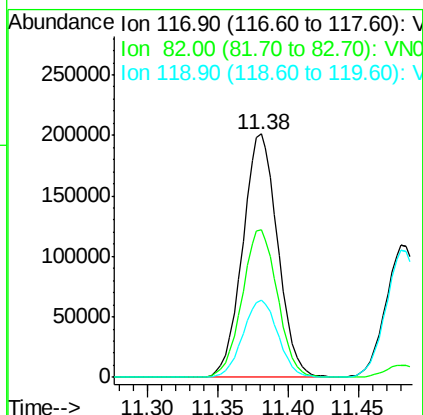
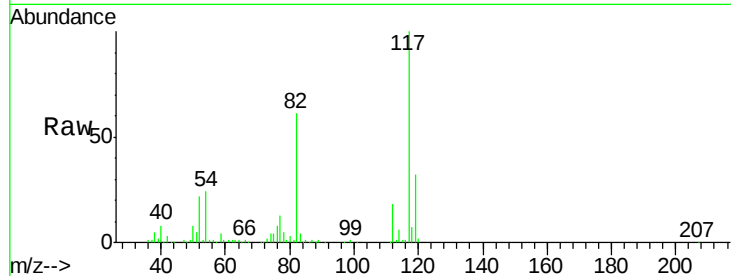




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

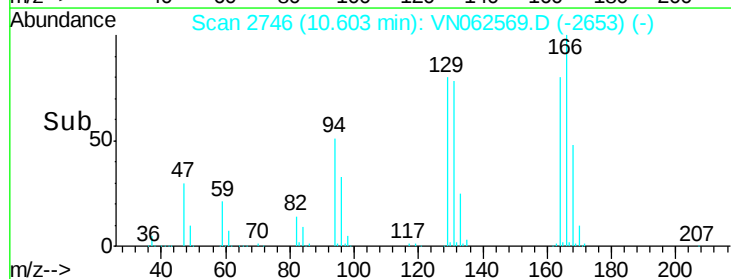
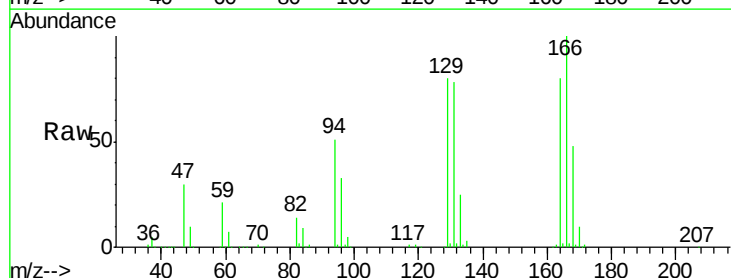
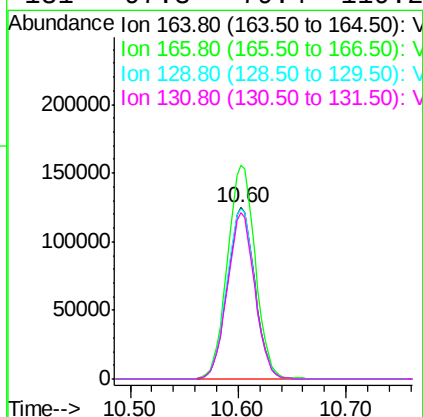
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

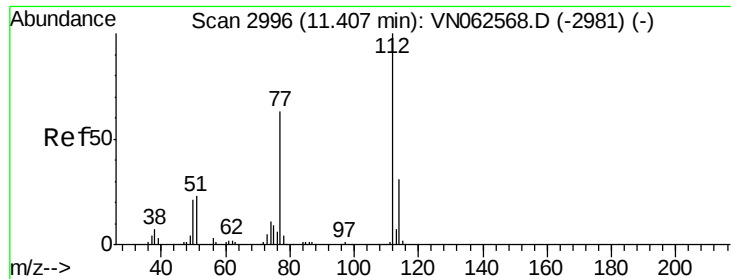
Tgt Ion:117 Resp: 350218
Ion Ratio Lower Upper
117 100
82 60.6 49.0 73.6
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 106.094 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion:164 Resp: 221906
Ion Ratio Lower Upper
164 100
166 124.9 104.4 156.6
129 99.9 81.0 121.4
131 97.3 79.4 119.2

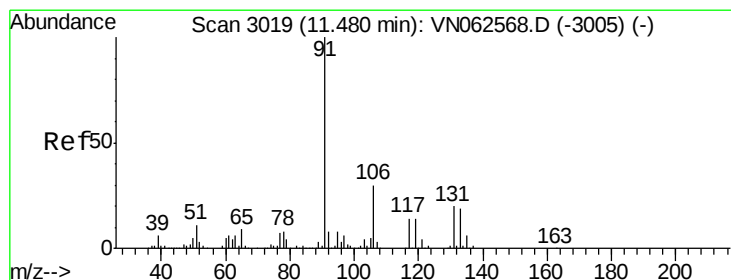
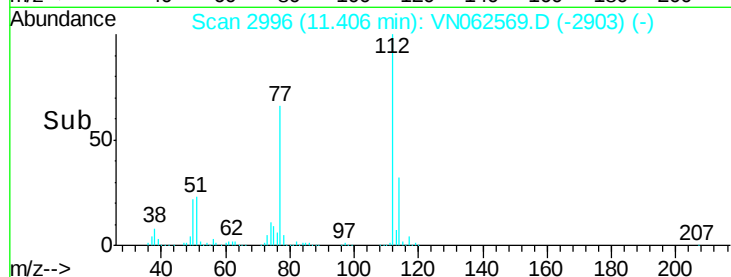
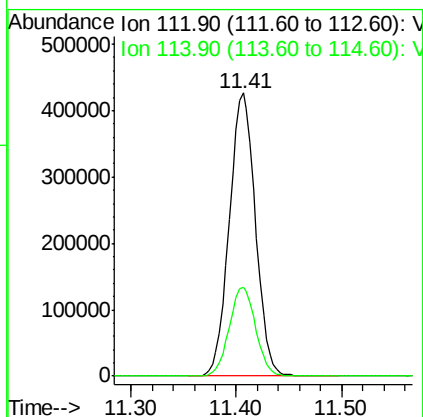
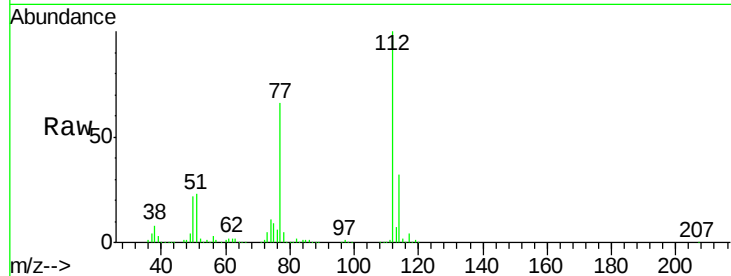




#65
Chlorobenzene
Concen: 106.934 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

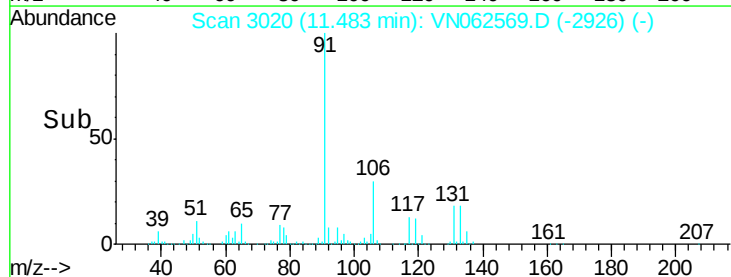
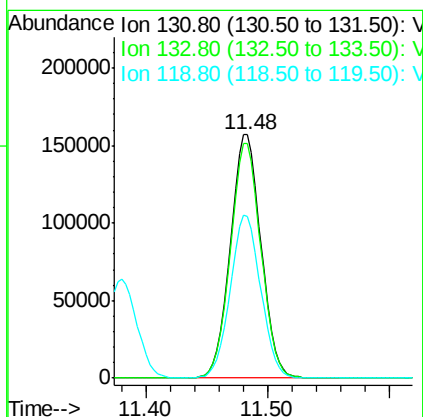
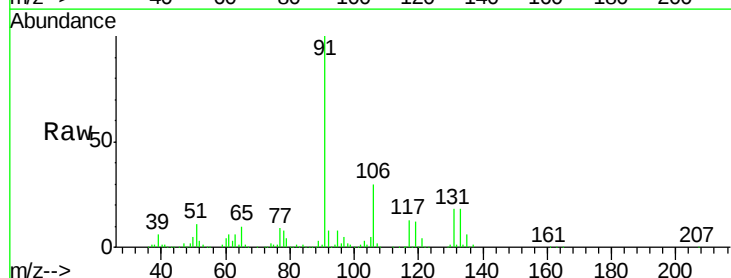
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

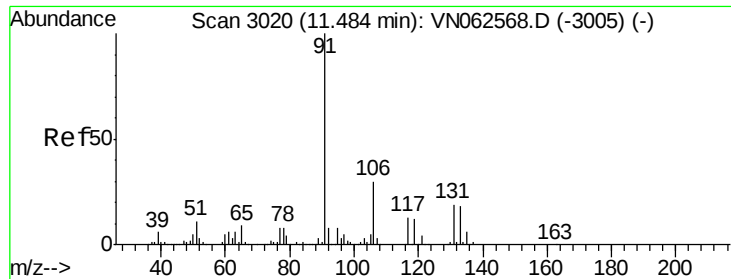
Tgt Ion:112 Resp: 730177
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 108.800 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion:131 Resp: 273915
Ion Ratio Lower Upper
131 100
133 96.2 47.3 142.0
119 66.9 33.7 101.0

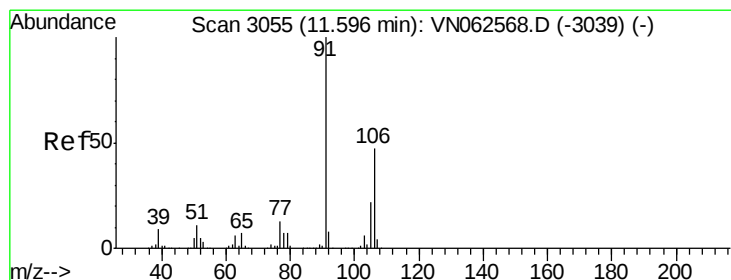
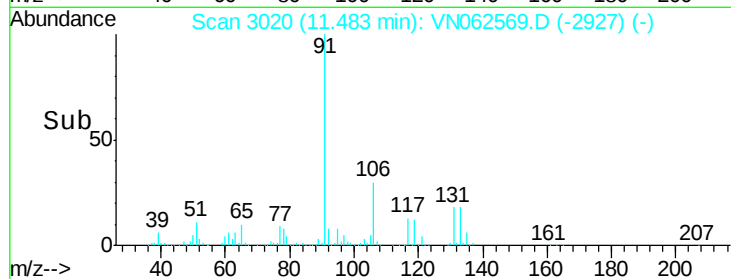
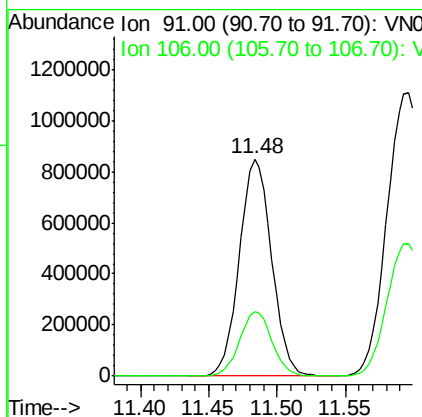
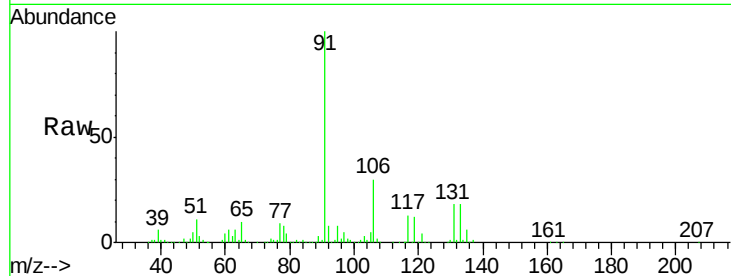




#67
Ethyl Benzene
Concen: 109.263 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

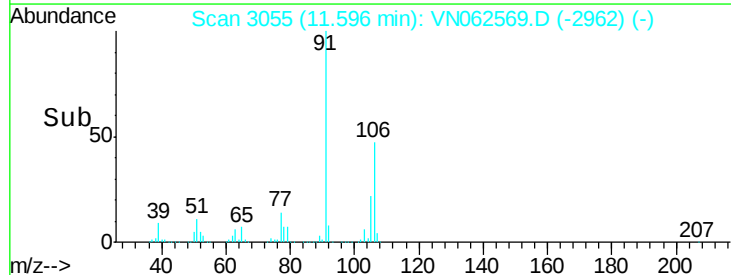
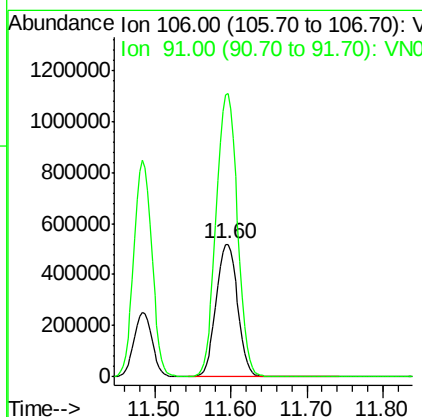
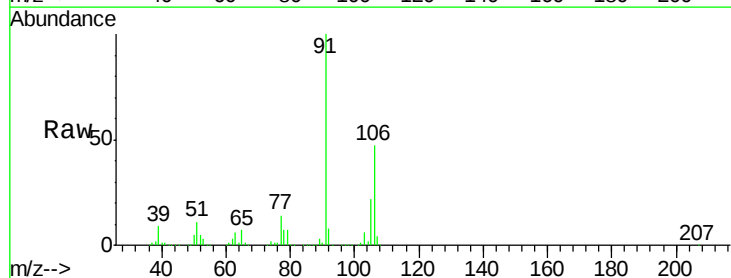
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

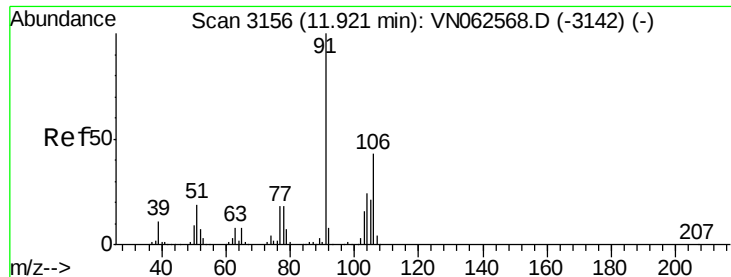
Tgt Ion: 91 Resp: 1395149
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#68
m/p-Xylenes
Concen: 224.386 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 106 Resp: 1018688
Ion Ratio Lower Upper
106 100
91 212.5 171.4 257.2

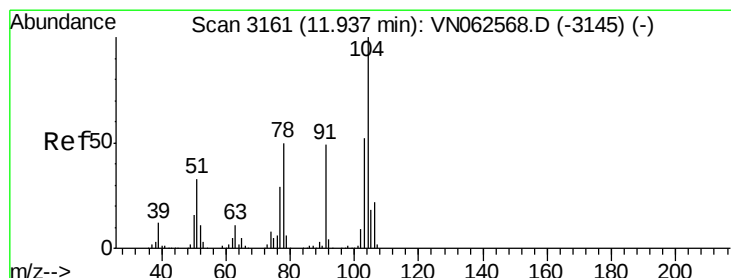
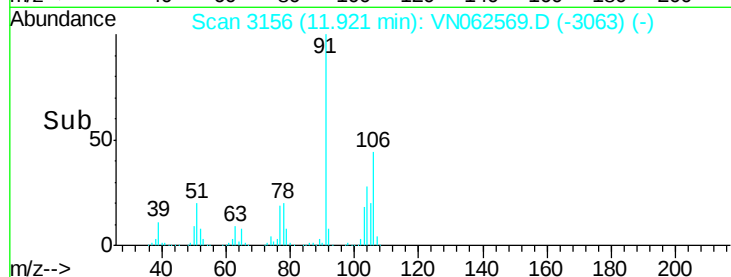
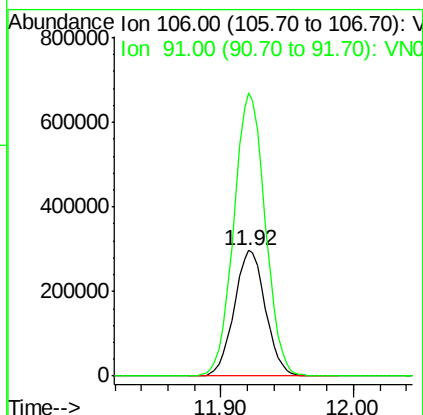
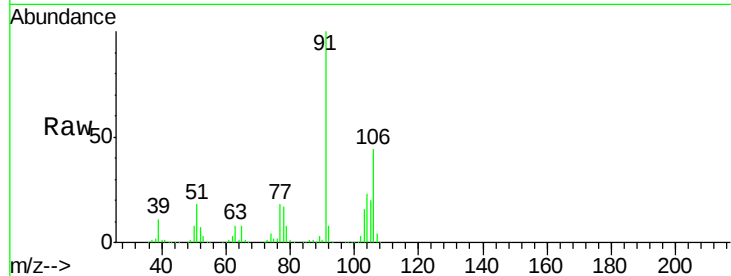




#69
o-Xylene
Concen: 110.477 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

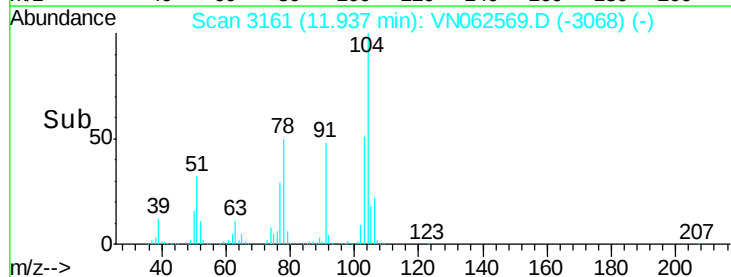
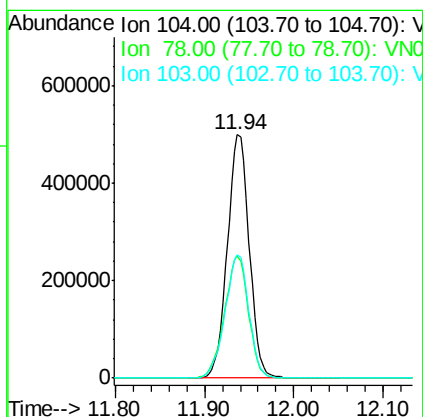
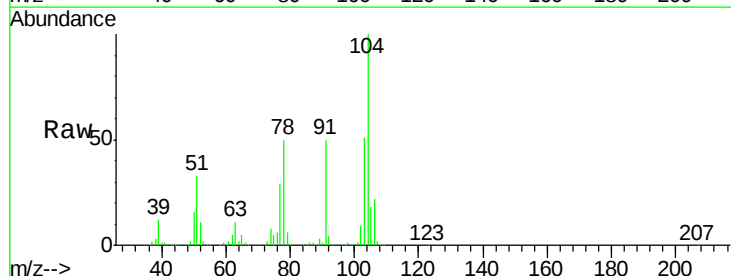
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

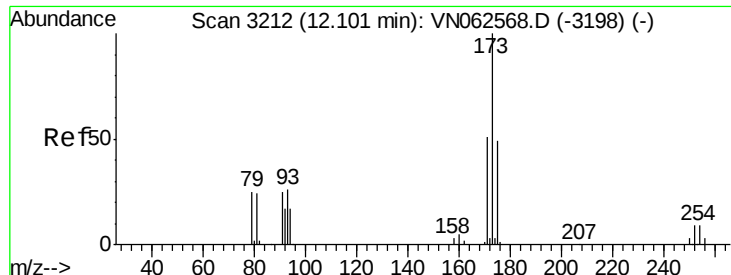
Tgt Ion:106 Resp: 487135
Ion Ratio Lower Upper
106 100
91 226.2 113.8 341.2



#70
Styrene
Concen: 116.247 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion:104 Resp: 847985
Ion Ratio Lower Upper
104 100
78 54.8 43.8 65.6
103 54.9 44.0 66.0





#71

Bromoform

Concen: 118.171 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

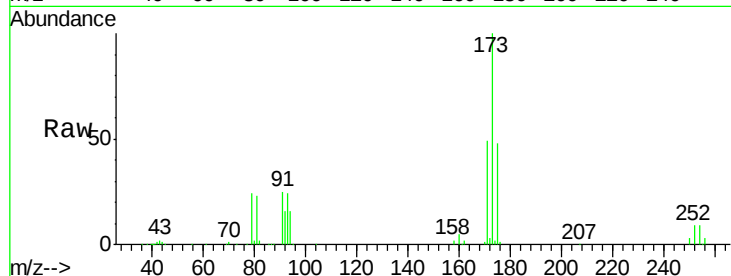
Tgt Ion:173 Resp: 218937

Ion Ratio Lower Upper

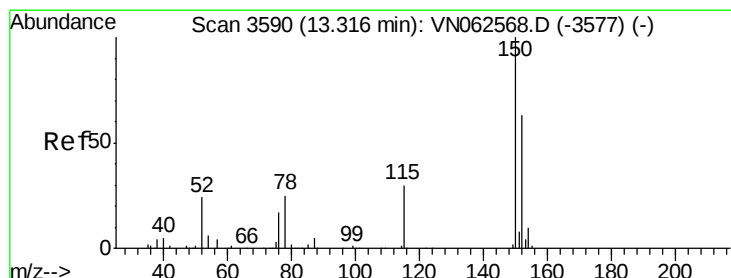
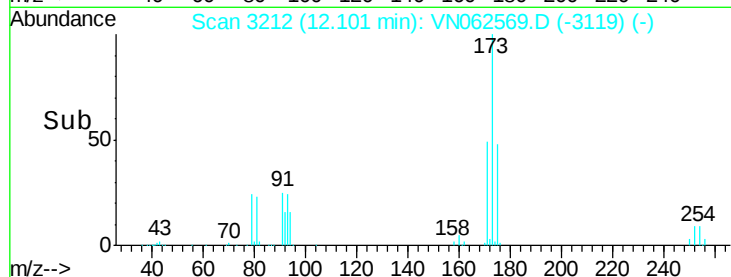
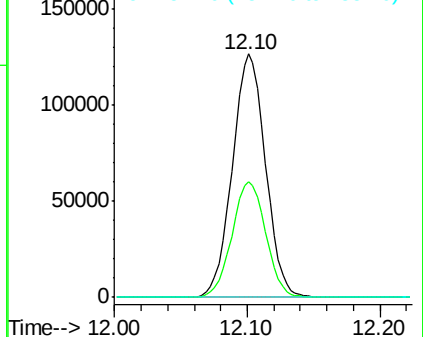
173 100

175 48.3 24.1 72.2

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# 3590

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

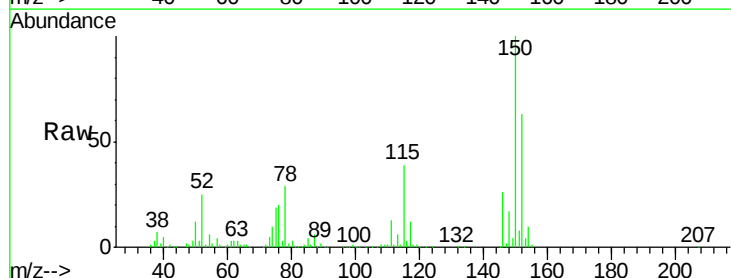
Tgt Ion:152 Resp: 173080

Ion Ratio Lower Upper

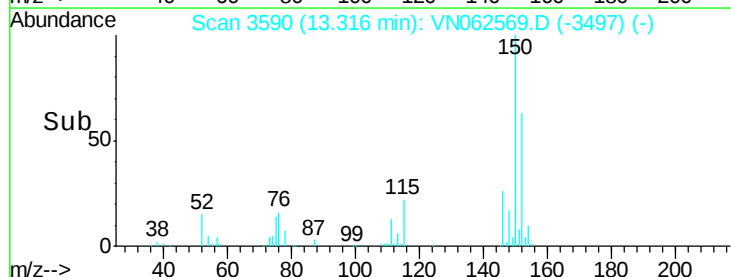
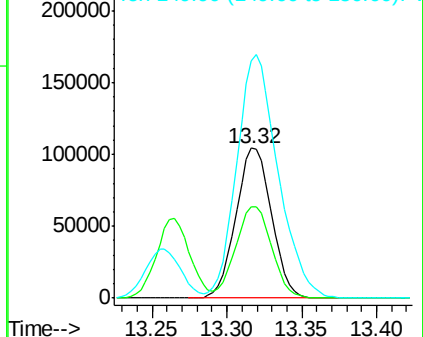
152 100

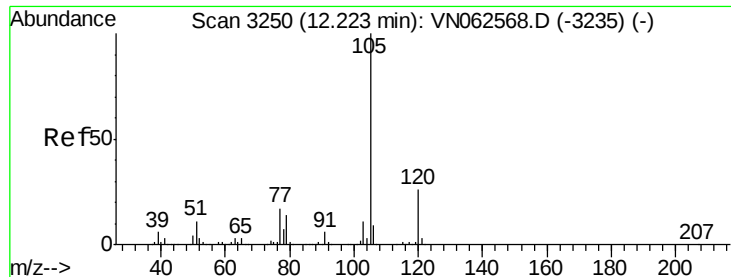
115 62.1 31.8 95.4

150 187.1 0.0 351.4



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: 98.747 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

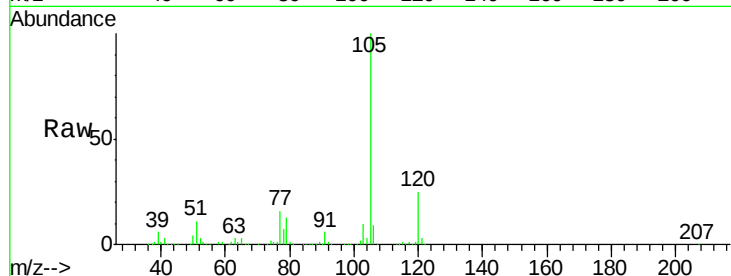
VSTDIC100

Tgt Ion:105 Resp: 1319611

Ion Ratio Lower Upper

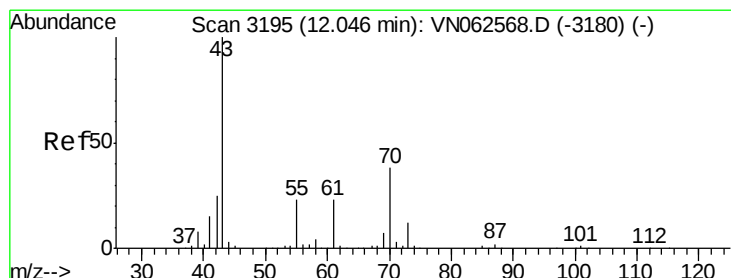
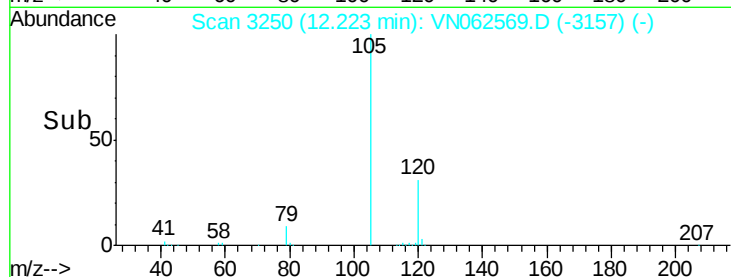
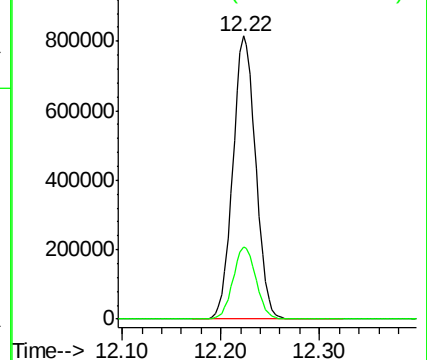
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 101.473 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Tgt Ion: 43 Resp: 651666

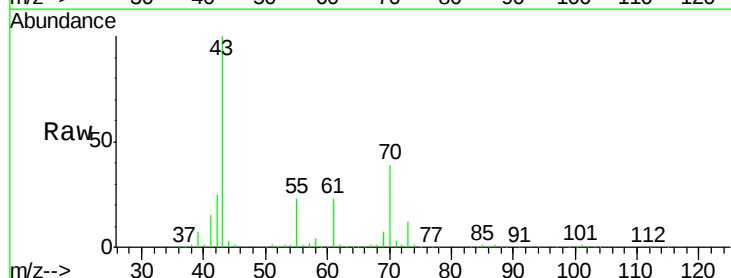
Ion Ratio Lower Upper

43 100

70 38.5 30.5 45.7

55 23.5 19.0 28.6

61 23.0 18.4 27.6

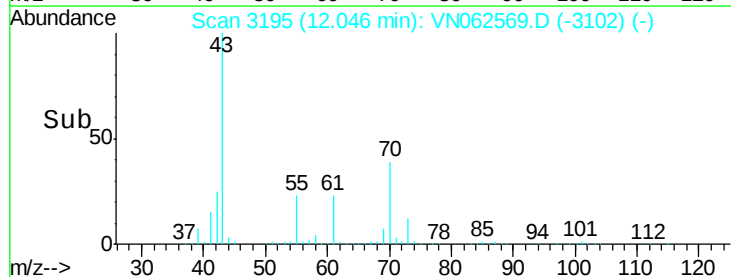
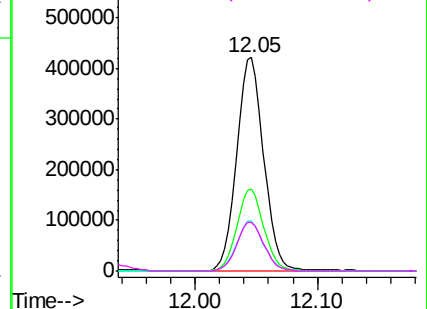


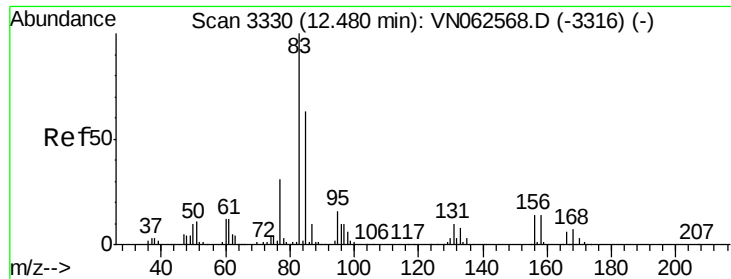
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 93.840 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

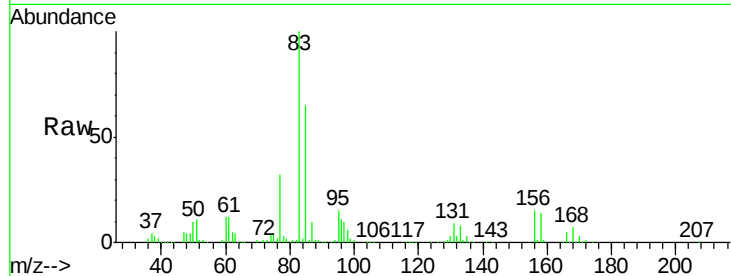
Tgt Ion: 83 Resp: 421286

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

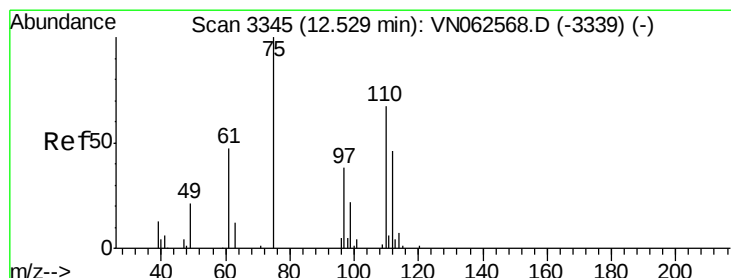
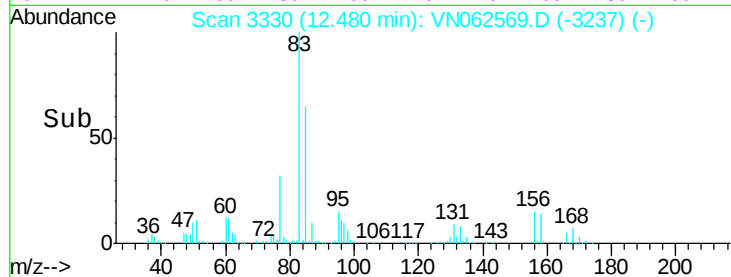
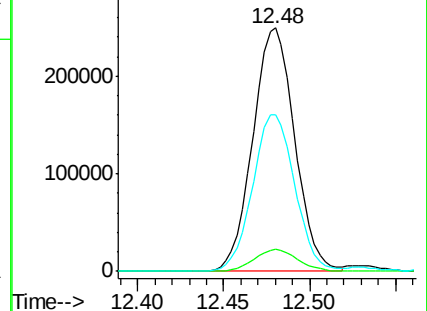
85 64.5 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062569.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062569.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062569.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 134.309 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062569.D

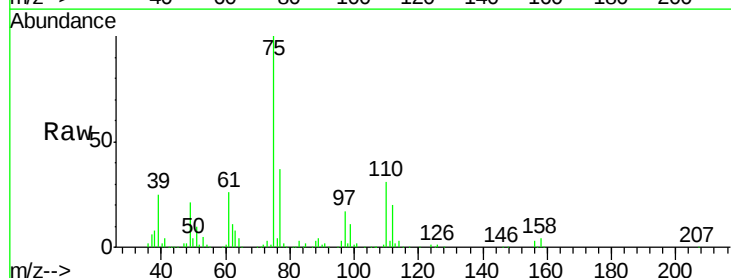
Acq: 21 Jul 2020 13:10

Tgt Ion: 75 Resp: 575509

Ion Ratio Lower Upper

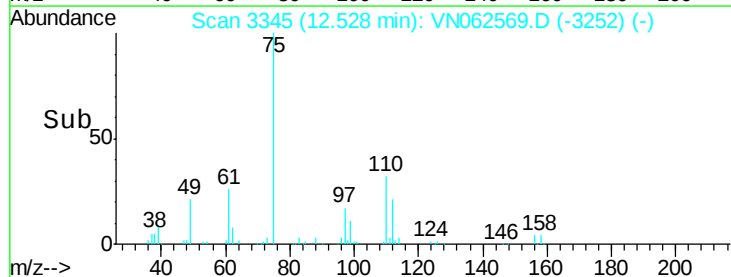
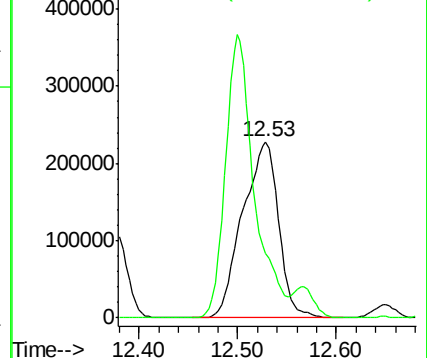
75 100

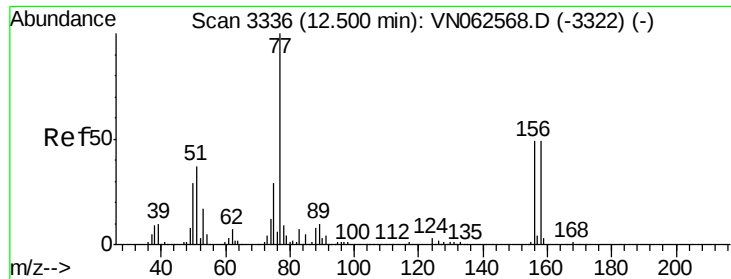
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062569.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062569.D (-3252) (-)





#77

Bromobenzene

Concen: 100.801 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

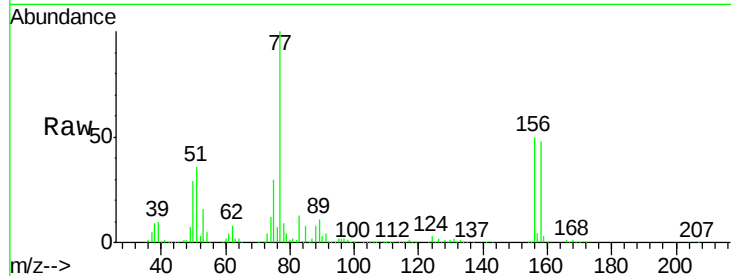
Tgt Ion:156 Resp: 307477

Ion Ratio Lower Upper

156 100

77 242.9 122.8 368.3

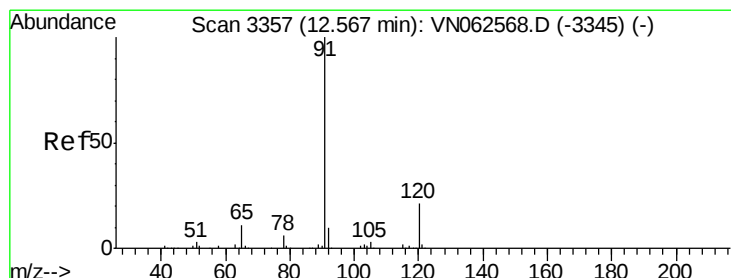
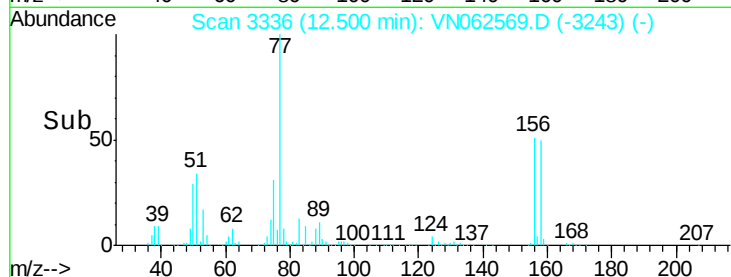
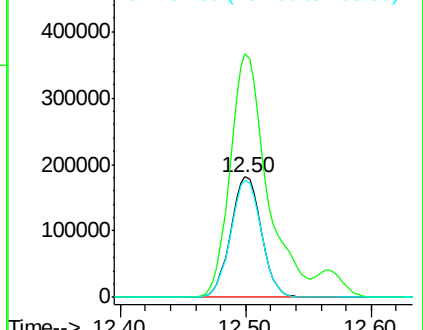
158 97.4 49.4 148.0



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: 101.321 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062569.D

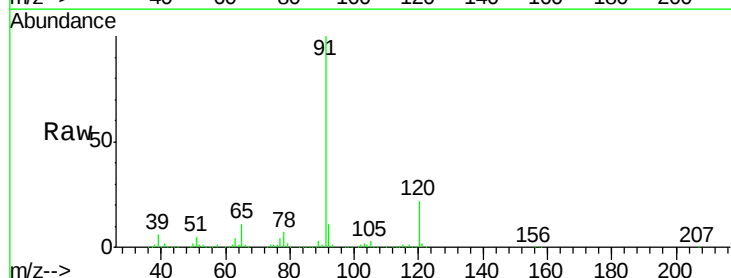
Acq: 21 Jul 2020 13:10

Tgt Ion: 91 Resp: 1578191

Ion Ratio Lower Upper

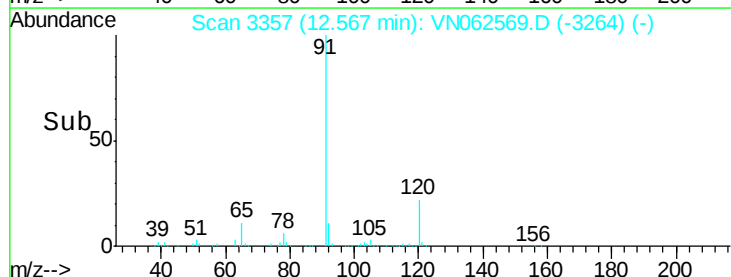
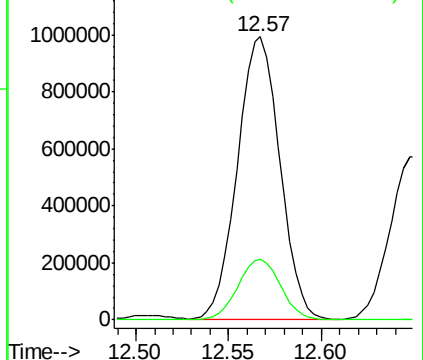
91 100

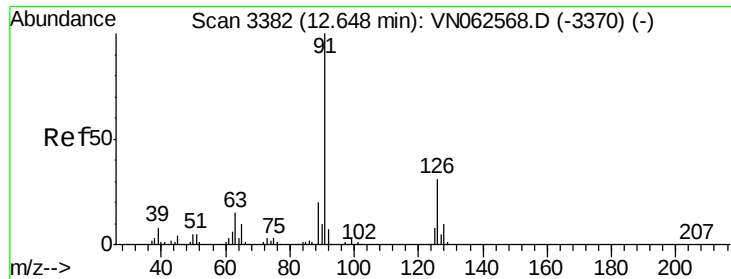
120 21.7 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.861 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

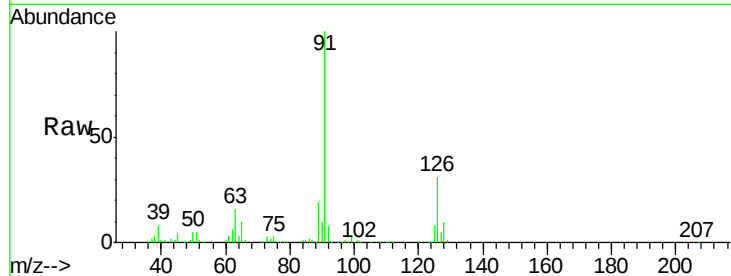
VSTDIC100

Tgt Ion: 91 Resp: 946907

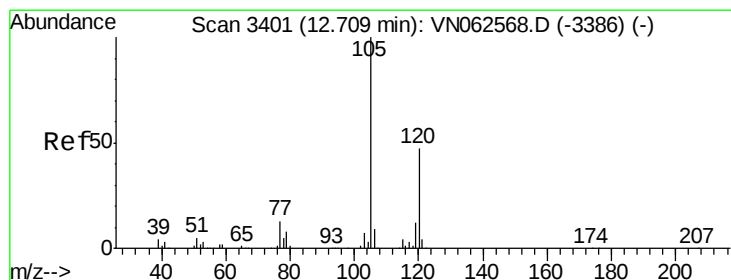
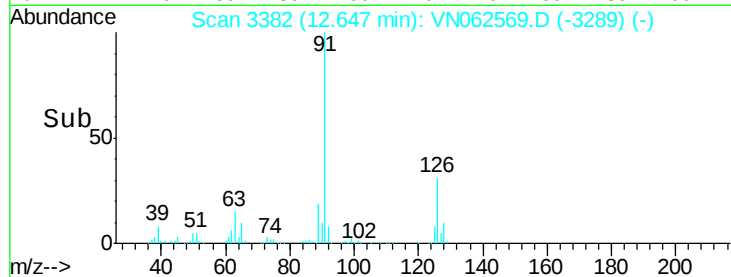
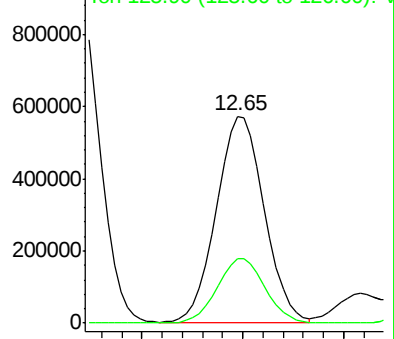
Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN062569.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 103.553 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062569.D

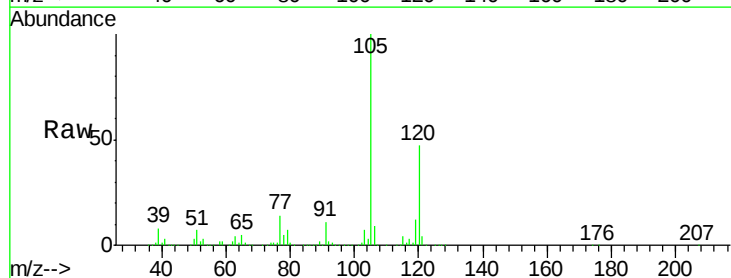
Acq: 21 Jul 2020 13:10

Tgt Ion: 105 Resp: 1139896

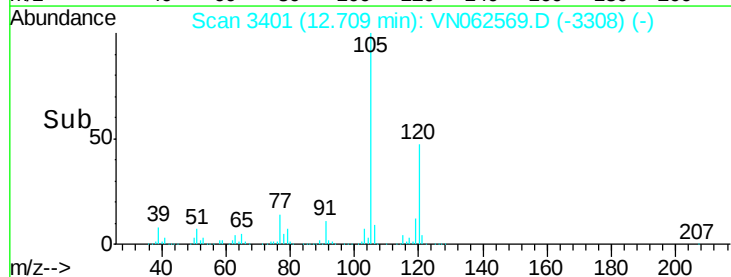
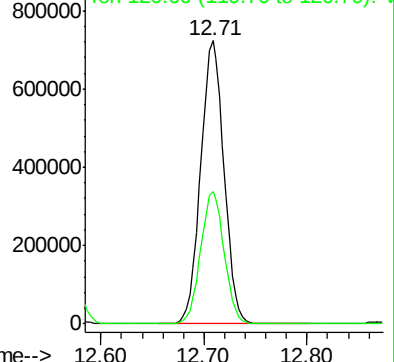
Ion Ratio Lower Upper

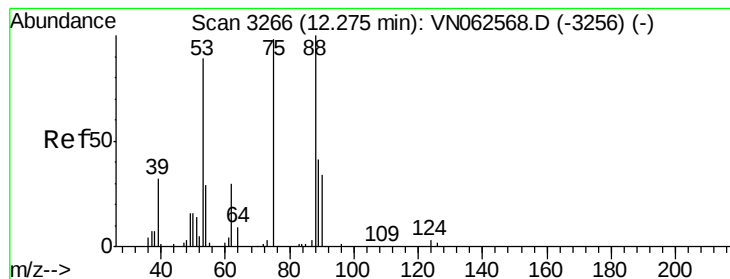
105 100

120 46.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062569.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 100.129 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

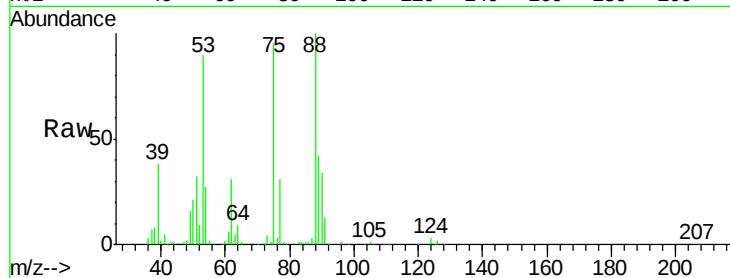
Tgt Ion: 75 Resp: 157685

Ion Ratio Lower Upper

75 100

53 95.0 75.4 113.0

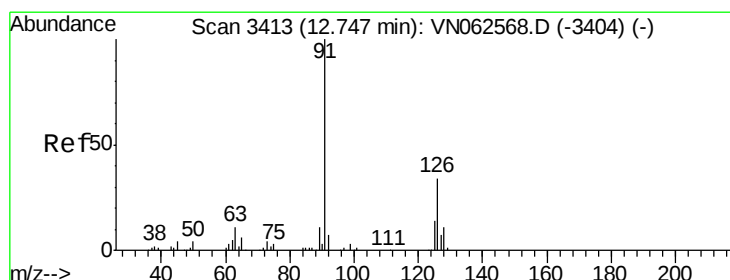
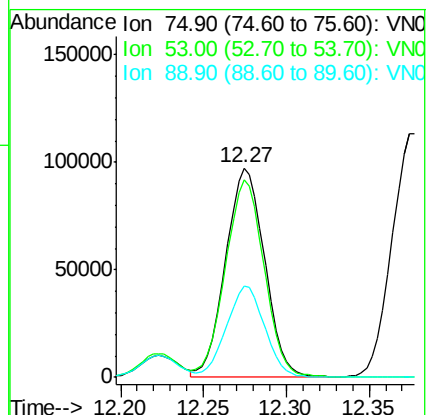
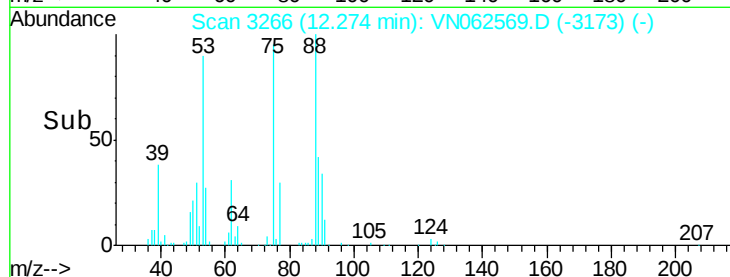
89 43.5 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN062569.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062569.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062569.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 102.547 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062569.D

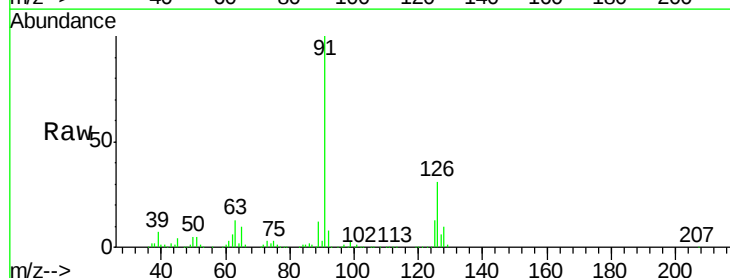
Acq: 21 Jul 2020 13:10

Tgt Ion: 91 Resp: 988341

Ion Ratio Lower Upper

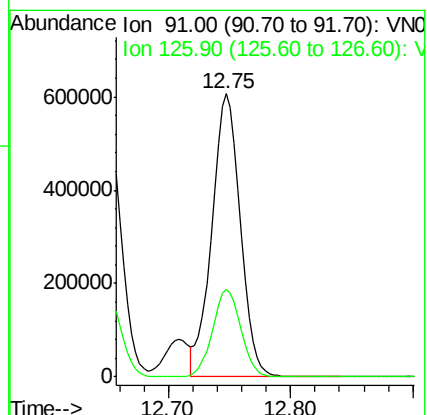
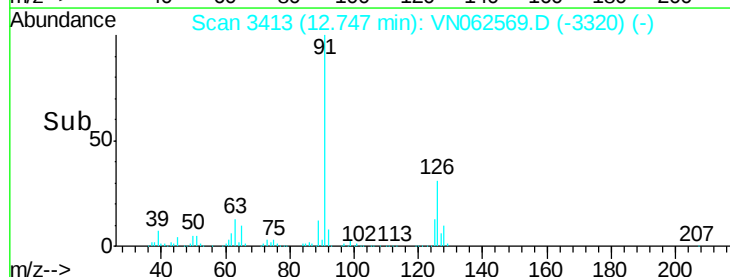
91 100

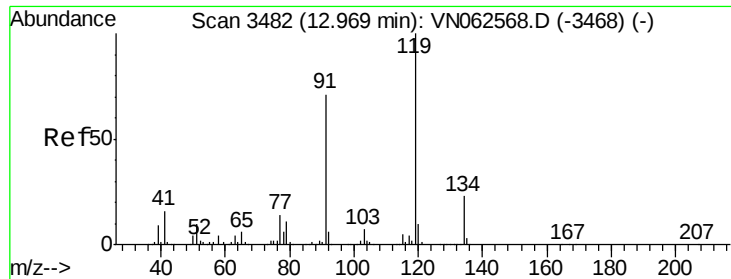
126 31.0 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN062569.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062569.D (-3320) (-)

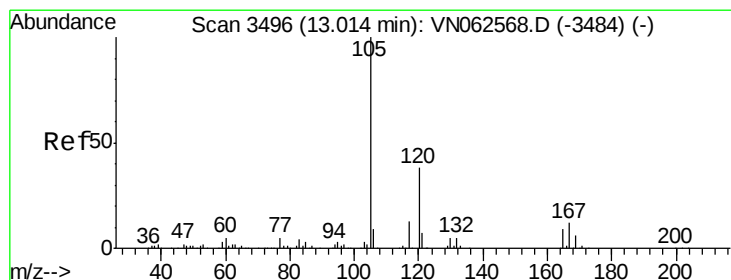
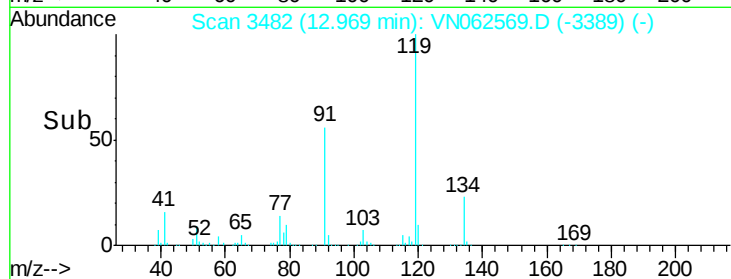
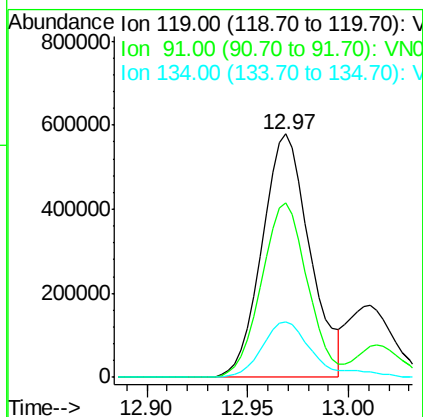
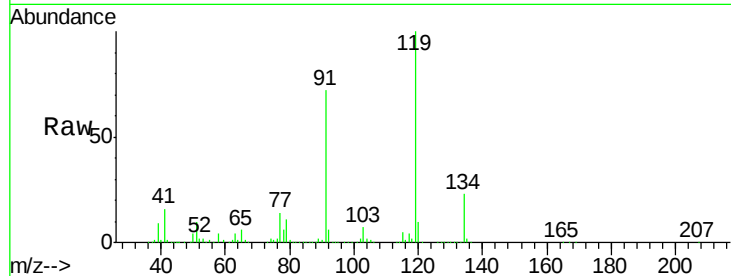




#83
 tert-Butylbenzene
 Concen: 102.499 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

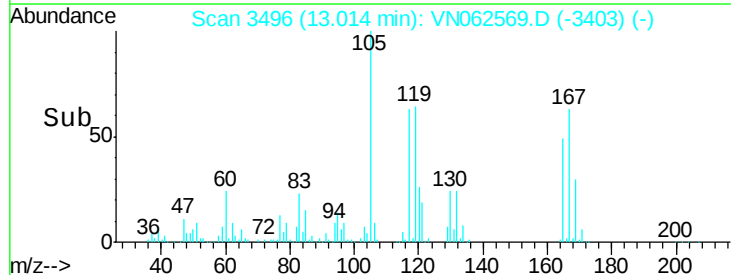
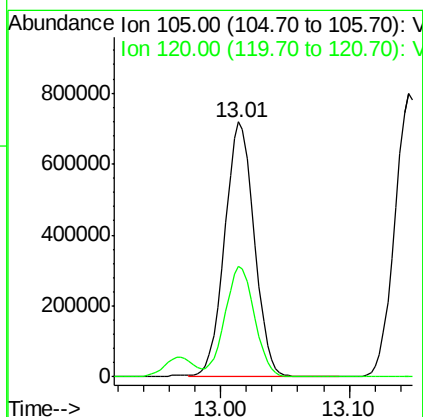
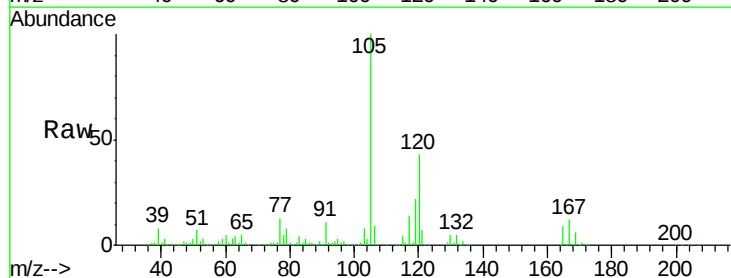
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 953903
 Ion Ratio Lower Upper
 119 100
 91 69.6 34.6 103.8
 134 24.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 104.288 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion:105 Resp: 1137654
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.3

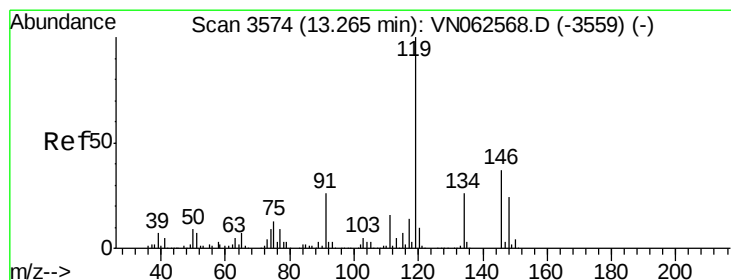
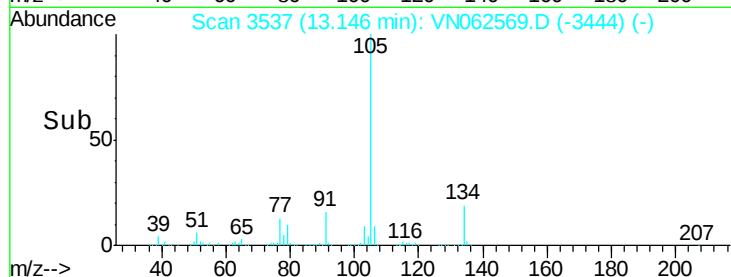
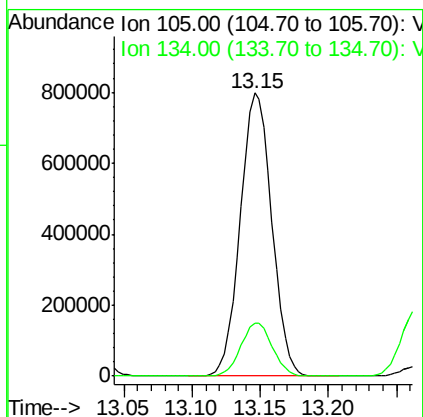
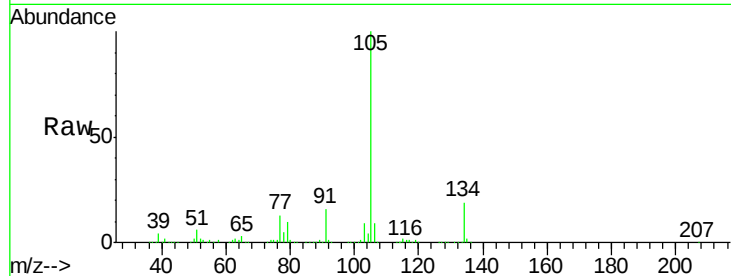




#85
 sec-Butylbenzene
 Concen: 103.643 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

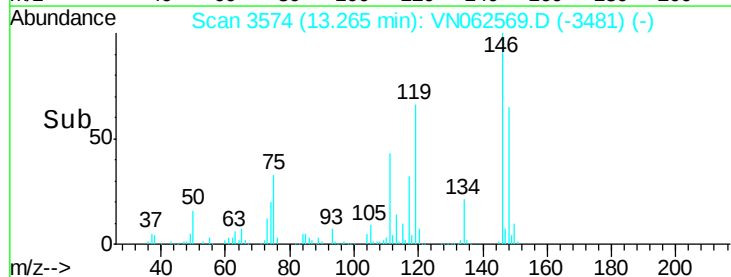
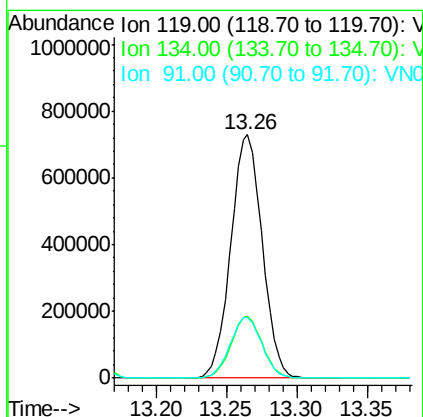
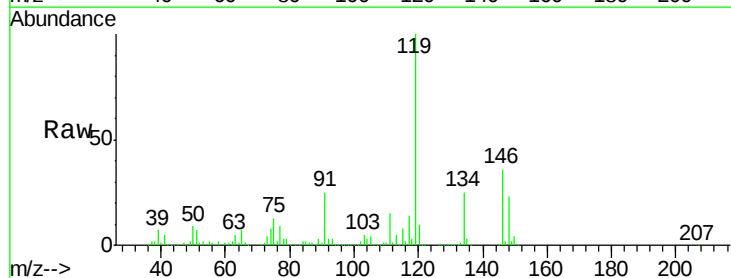
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

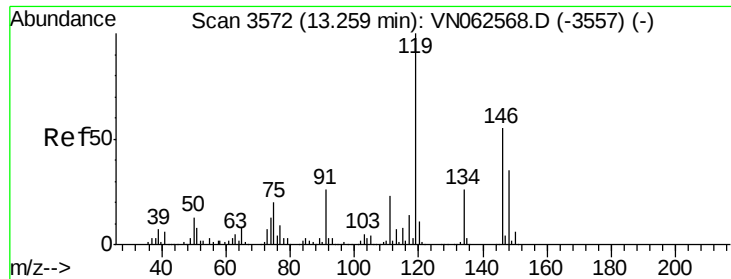
Tgt Ion:105 Resp: 1275746
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 106.866 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion:119 Resp: 1135121
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.4
 91 25.2 12.7 38.1

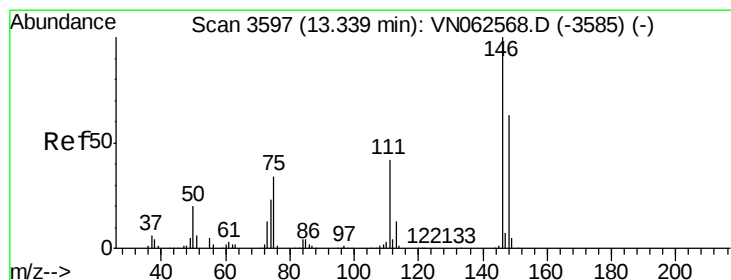
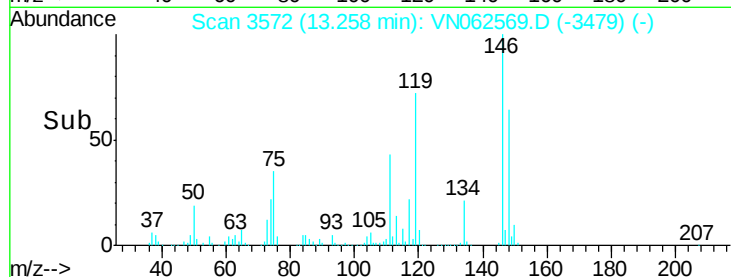
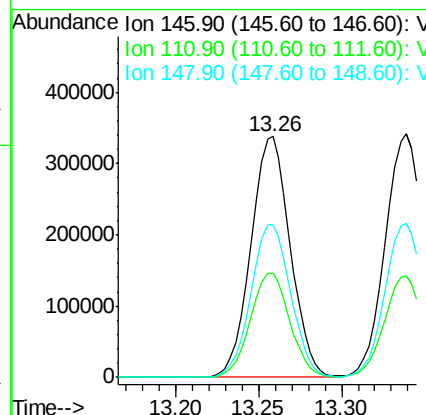
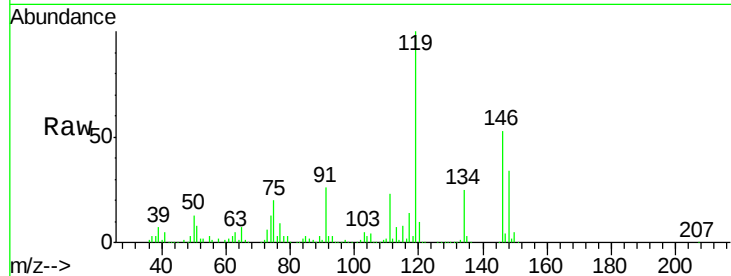




#87
 1,3-Dichlorobenzene
 Concen: 105.782 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

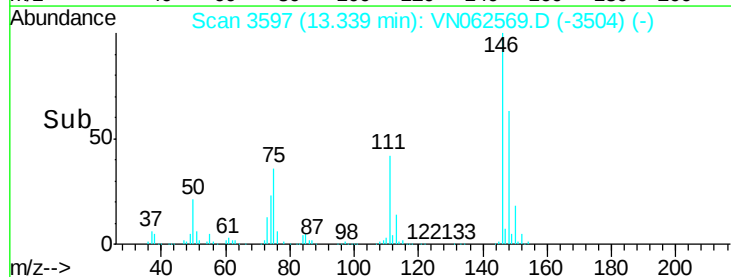
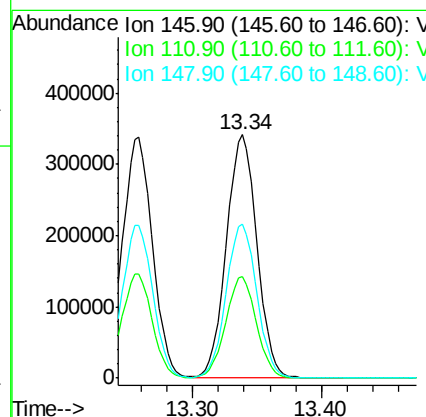
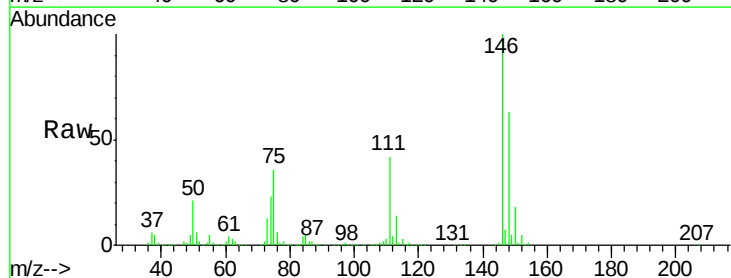
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

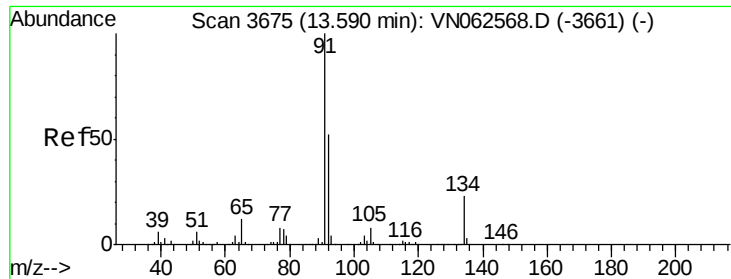
Tgt Ion:146 Resp: 556486
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 64.6
 148 64.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 103.627 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion:146 Resp: 559883
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.1
 148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 107.707 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

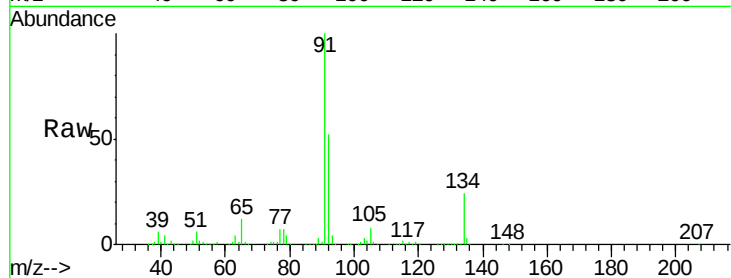
Tgt Ion: 91 Resp: 1005484

Ion Ratio Lower Upper

91 100

92 52.2 25.8 77.3

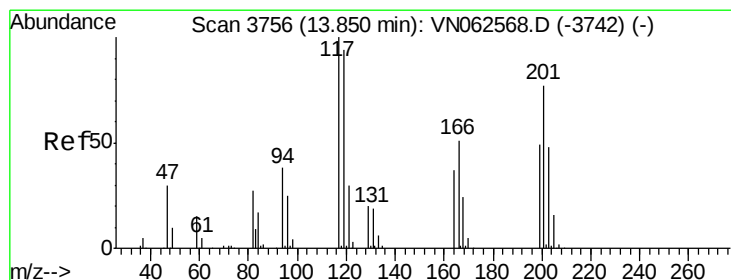
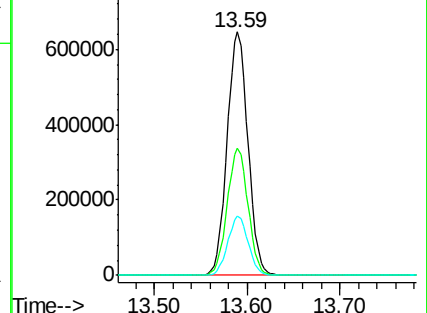
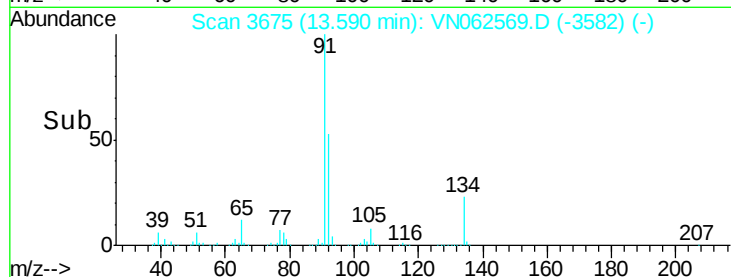
134 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062568.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062568.D (-3661) (-)



#90

Hexachloroethane

Concen: 104.312 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062569.D

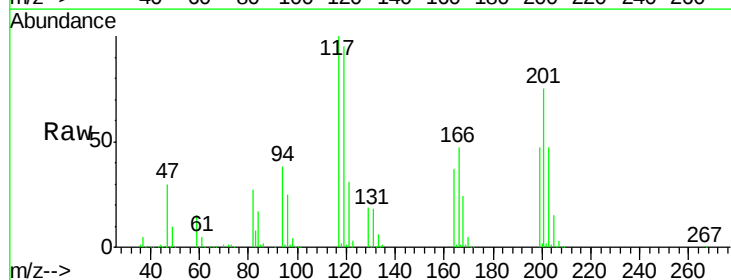
Acq: 21 Jul 2020 13:10

Tgt Ion: 117 Resp: 218582

Ion Ratio Lower Upper

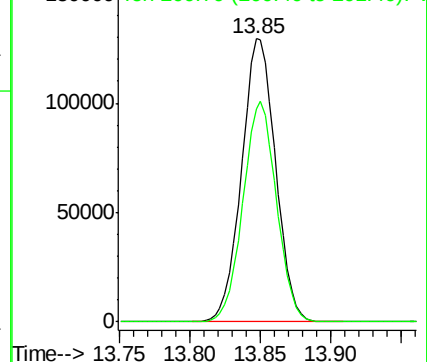
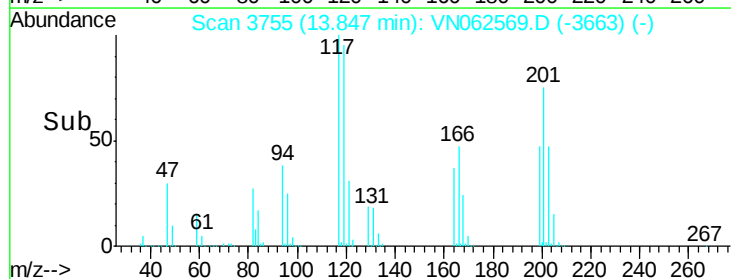
117 100

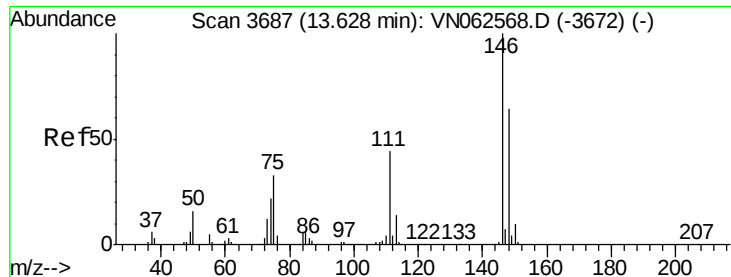
201 76.9 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062568.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062568.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 103.988 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

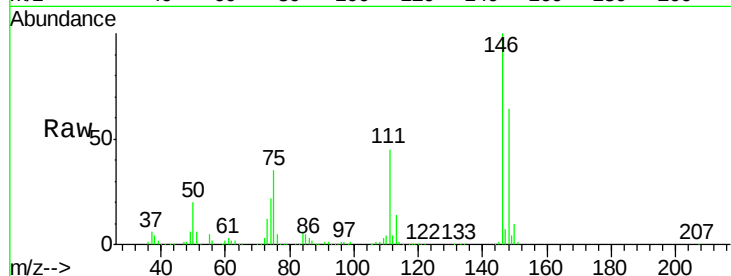
Tgt Ion:146 Resp: 529886

Ion Ratio Lower Upper

146 100

111 44.1 21.9 65.8

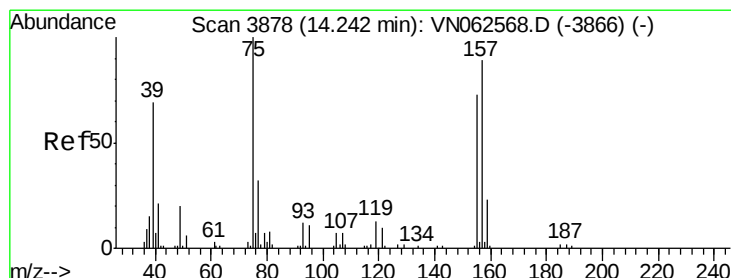
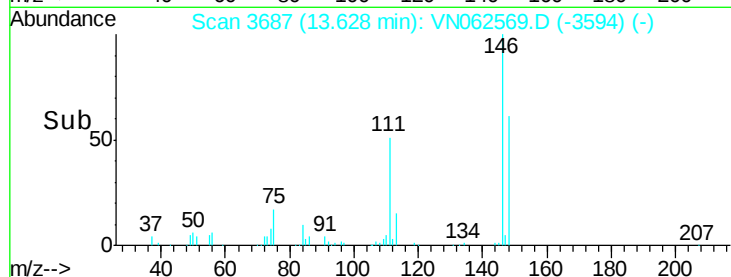
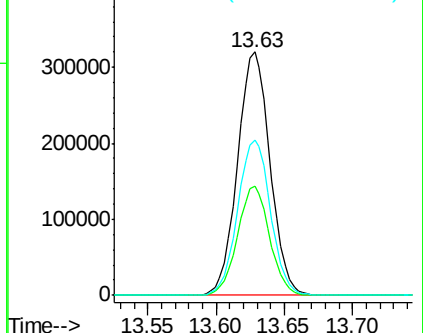
148 64.5 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 106.225 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

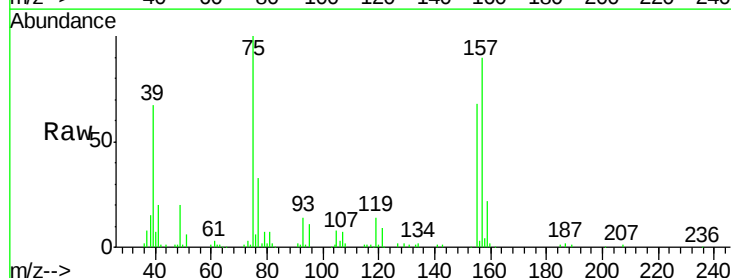
Tgt Ion: 75 Resp: 86831

Ion Ratio Lower Upper

75 100

155 70.6 35.9 107.5

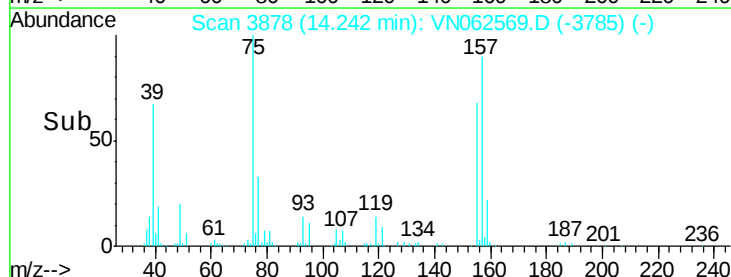
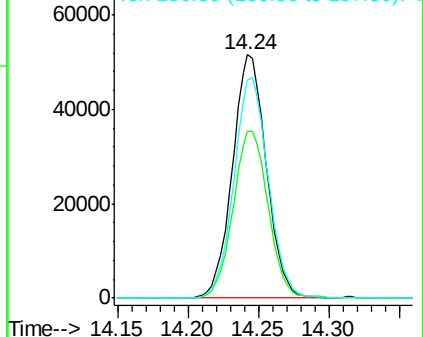
157 91.7 45.0 135.0

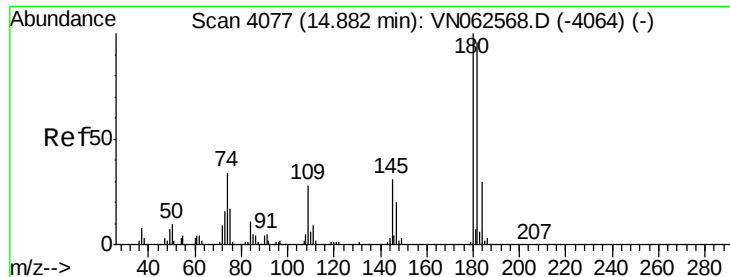


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

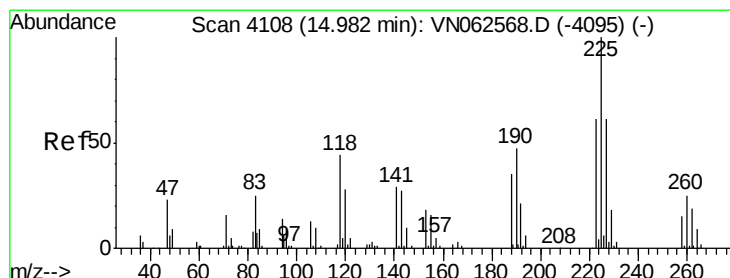
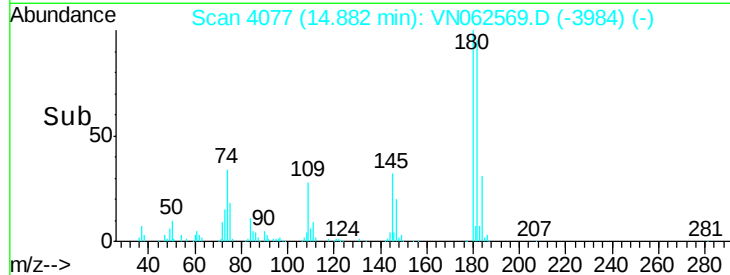
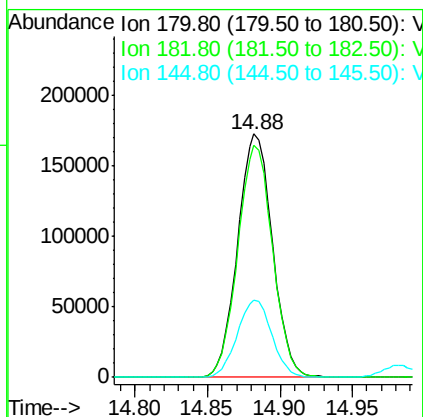
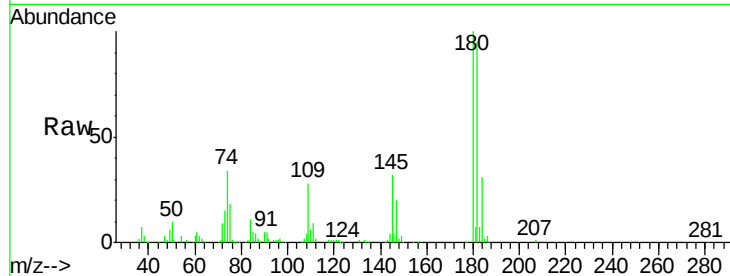




#93
 1,2,4-Trichlorobenzene
 Concen: 126.143 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

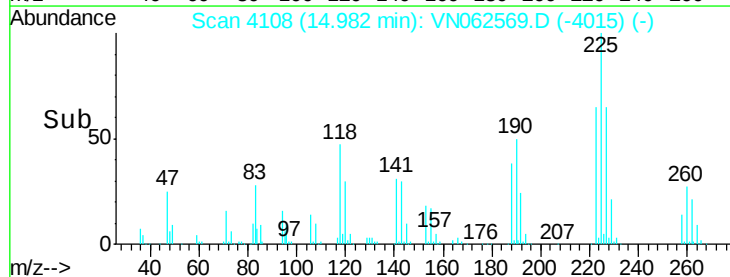
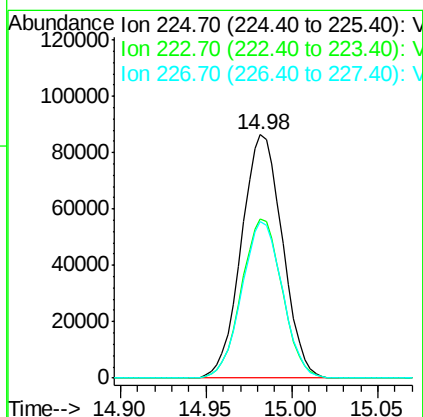
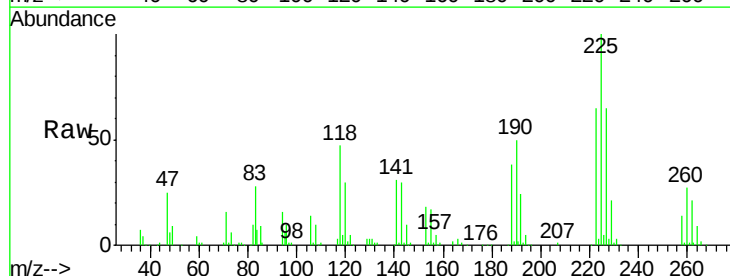
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

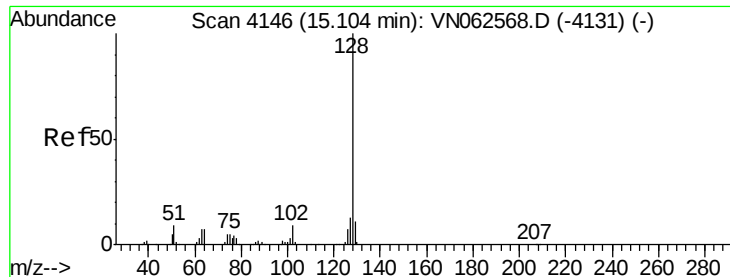
Tgt Ion:180 Resp: 288511
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.8 143.3
 145 31.6 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 104.843 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion:225 Resp: 143213
 Ion Ratio Lower Upper
 225 100
 223 64.7 32.0 96.0
 227 63.8 31.1 93.2

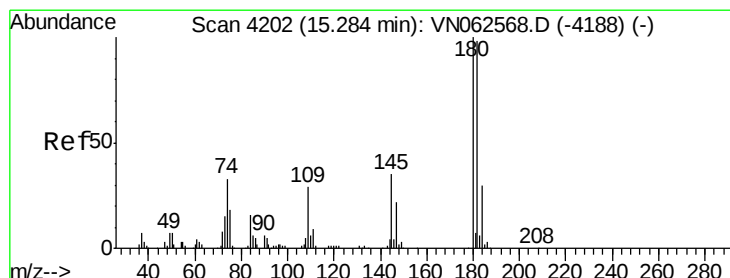
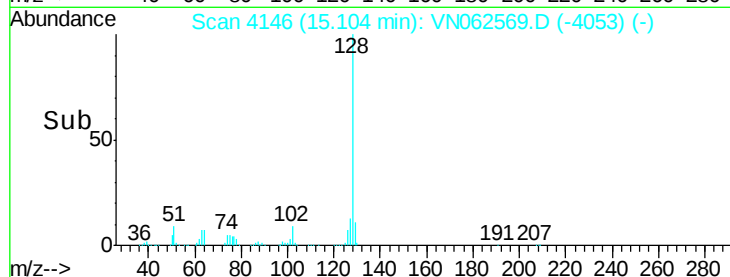
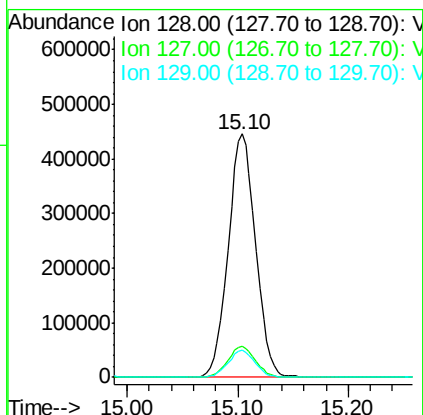
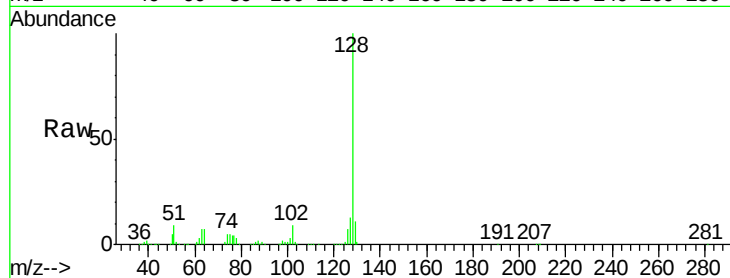




#95
Naphthalene
Concen: 119.664 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 766307
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 119.518 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion:180 Resp: 284430
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.3
145 33.1 16.7 50.1

