

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062700.D
 Acq On : 31 Jul 2020 21:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 01 06:09:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	145054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	234207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	229897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111801	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	122855	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
35) Dibromofluoromethane	7.55	113	81094	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.06	98	318739	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.38	95	127745	56.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	80951	46.786	ug/l	99
3) Chloromethane	2.03	50	92245	39.308	ug/l	96
4) Vinyl Chloride	2.16	62	84046	41.313	ug/l	99
5) Bromomethane	2.49	94	50222	55.737	ug/l	95
6) Chloroethane	2.64	64	49490	53.780	ug/l	99
7) Trichlorofluoromethane	2.97	101	136997	57.355	ug/l	96
8) Diethyl Ether	3.37	74	52436	46.945	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.71	101	75674	49.414	ug/l	98
10) Methyl Iodide	3.91	142	100047	51.100	ug/l	93
11) Tert butyl alcohol	4.74	59	84358	235.333	ug/l	99
12) 1,1-Dichloroethene	3.69	96	73238	47.154	ug/l	98
13) Acrolein	3.56	56	66720	180.892	ug/l	99
14) Allyl chloride	4.27	41	144354	42.967	ug/l	94
15) Acrylonitrile	4.93	53	229450	238.978	ug/l	99
16) Acetone	3.77	43	190312	224.438	ug/l	100
17) Carbon Disulfide	4.00	76	209325	41.019	ug/l	100
18) Methyl Acetate	4.28	43	110783	51.607	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	290415	50.802	ug/l	99
20) Methylene Chloride	4.50	84	92388	45.428	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	77822	45.145	ug/l	98
22) Diisopropyl ether	5.90	45	299346	44.825	ug/l	95
23) Vinyl Acetate	5.84	43	1262081	230.648	ug/l	99
24) 1,1-Dichloroethane	5.79	63	170440	47.396	ug/l	99
25) 2-Butanone	6.79	43	302518	234.255	ug/l	98
26) 2,2-Dichloropropane	6.77	77	135893	46.033	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	91349	46.440	ug/l	99
28) Bromochloromethane	7.15	49	79775	45.077	ug/l	93
29) Tetrahydrofuran	7.17	42	202198	231.391	ug/l	95
30) Chloroform	7.33	83	173524	50.750	ug/l	99
31) Cyclohexane	7.61	56	140530	42.325	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	155287	54.397	ug/l	99
36) 1,1-Dichloropropene	7.75	75	123513	49.476	ug/l	99
37) Ethyl Acetate	6.88	43	126269	46.923	ug/l	100
38) Carbon Tetrachloride	7.73	117	136877	57.042	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	134137	49.916	ug/l	99
40) Benzene	8.00	78	357423	47.292	ug/l	99
41) Methacrylonitrile	7.16	41	184925	160.344	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	152340	55.135	ug/l	99
43) Isopropyl Acetate	8.13	43	216018	49.796	ug/l #	90
44) Trichloroethene	8.80	130	85542	50.190	ug/l	97
45) 1,2-Dichloropropane	9.08	63	99557	46.917	ug/l	99
46) Dibromomethane	9.17	93	64646	52.710	ug/l	98
47) Bromodichloromethane	9.37	83	140850	53.010	ug/l	99
48) Methyl methacrylate	9.17	41	106164	51.482	ug/l	97
49) 1,4-Dioxane	9.17	88	30662	968.095	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	679657	261.846	ug/l	99
52) Toluene	10.12	92	225879	51.470	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	157336	53.192	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	160346	50.520	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	89449	52.547	ug/l	99
56) Ethyl methacrylate	10.40	69	150067	49.128	ug/l	97
57) 1,3-Dichloropropane	10.68	76	161598	51.818	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	231828	251.557	ug/l	97
59) 2-Hexanone	10.72	43	501417	249.789	ug/l	99
60) Dibromochloromethane	10.87	129	106039	55.838	ug/l	98
61) 1,2-Dibromoethane	10.98	107	92113	51.966	ug/l	98
64) Tetrachloroethene	10.60	164	73500	49.207	ug/l	98
65) Chlorobenzene	11.41	112	240657	49.933	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	95011	52.402	ug/l	97
67) Ethyl Benzene	11.48	91	445285	50.389	ug/l	100
68) m/p-Xylenes	11.60	106	330687	104.113	ug/l	97
69) o-Xylene	11.92	106	157900	52.352	ug/l	97
70) Styrene	11.94	104	283791	55.700	ug/l	99
71) Bromoform	12.10	173	75156	55.207	ug/l #	100
73) Isopropylbenzene	12.22	105	443390	50.156	ug/l	99
74) N-amyl acetate	12.05	43	193465	49.004	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	141628	46.103	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	191885	67.429	ug/l #	100
77) Bromobenzene	12.50	156	105761	49.782	ug/l	93
78) n-propylbenzene	12.57	91	524544	50.655	ug/l	100
79) 2-Chlorotoluene	12.65	91	318364	49.887	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	396599	54.085	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	49124	48.054	ug/l	95
82) 4-Chlorotoluene	12.75	91	326425	49.142	ug/l	99
83) tert-Butylbenzene	12.97	119	329185	54.062	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	388852	54.055	ug/l	98
85) sec-Butylbenzene	13.15	105	439666	53.934	ug/l	99
86) p-Isopropyltoluene	13.26	119	385522	54.986	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	188803	50.643	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	184908	50.384	ug/l	98
89) n-Butylbenzene	13.59	91	312124	51.811	ug/l	100
90) Hexachloroethane	13.85	117	75740	50.745	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	181011	50.777	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30898	55.398	ug/l	97

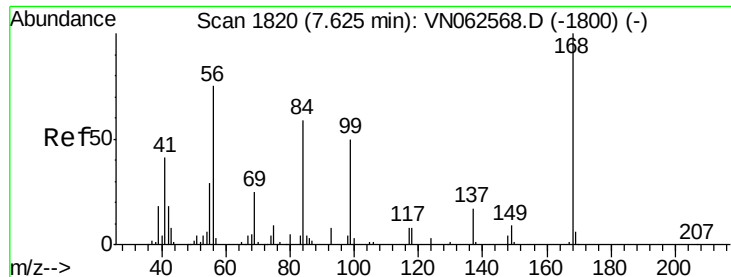
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	85908	46.092	ug/l	98
94) Hexachlorobutadiene	14.98	225	59238	61.526	ug/l	99
95) Naphthalene	15.10	128	220473	44.769	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	86325	51.385	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

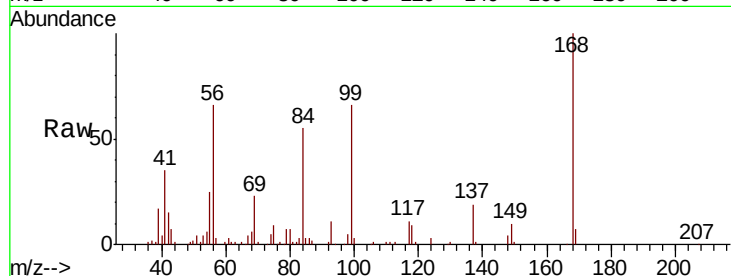
VSTDCCC050

Tot Ion:168 Resp: 145054

Ion Ratio Lower Upper

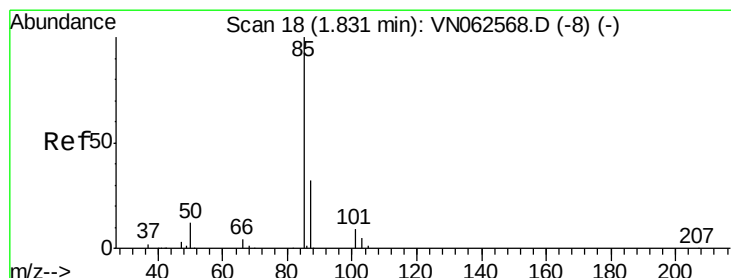
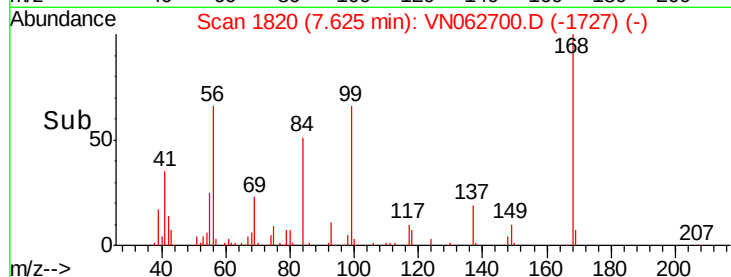
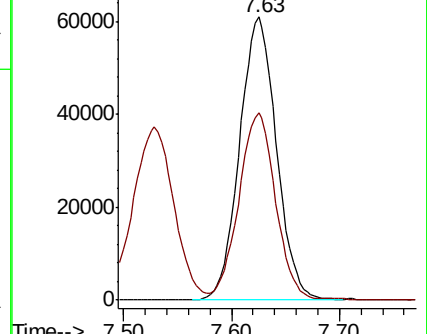
168 100

99 65.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 46.786 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062700.D

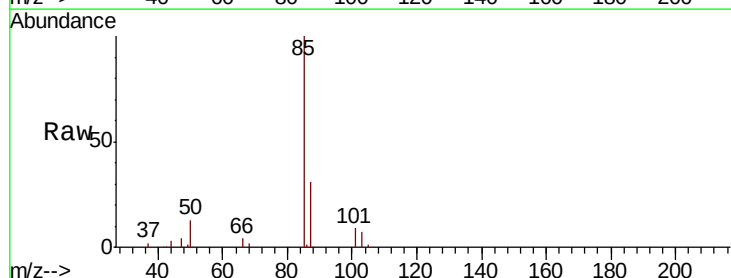
Acq: 31 Jul 2020 21:33

Tgt Ion: 85 Resp: 80951

Ion Ratio Lower Upper

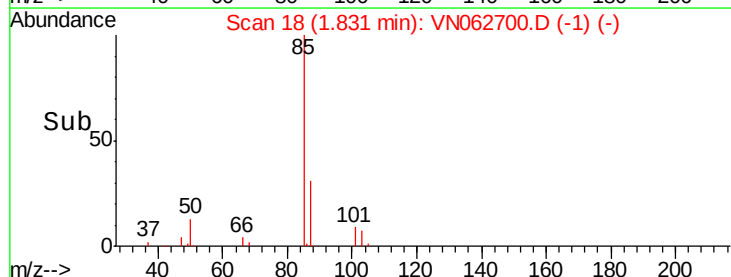
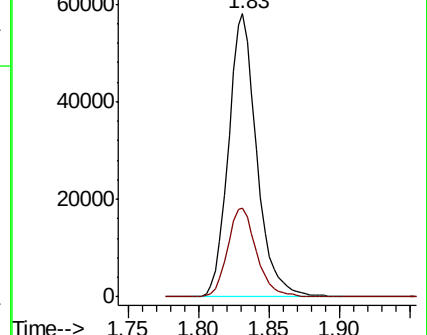
85 100

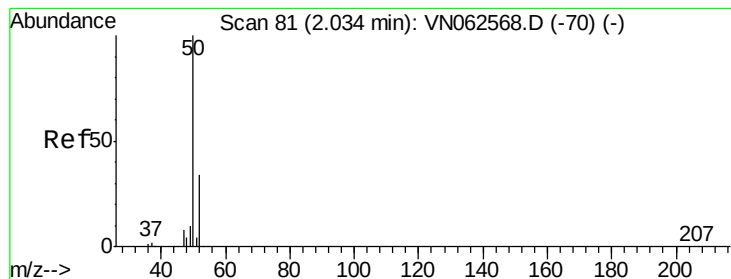
87 31.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 39.308 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

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ClientSampleId :

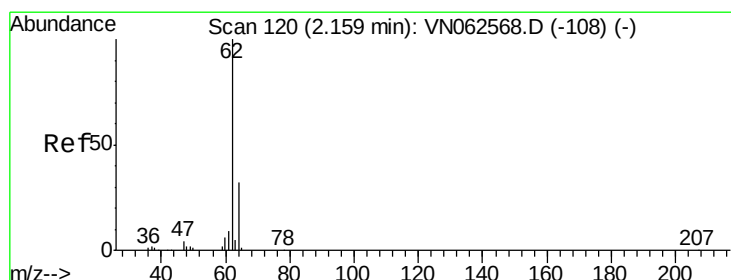
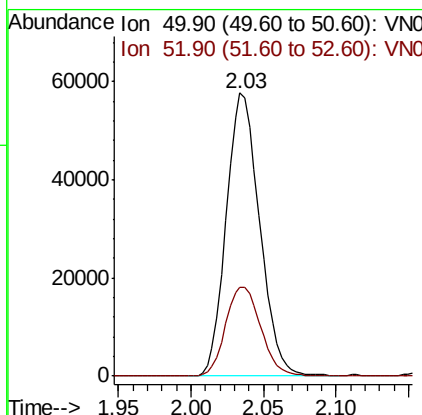
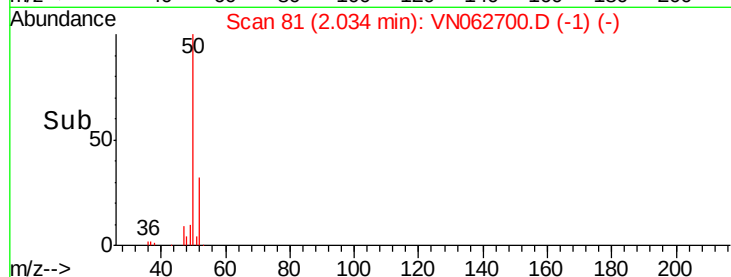
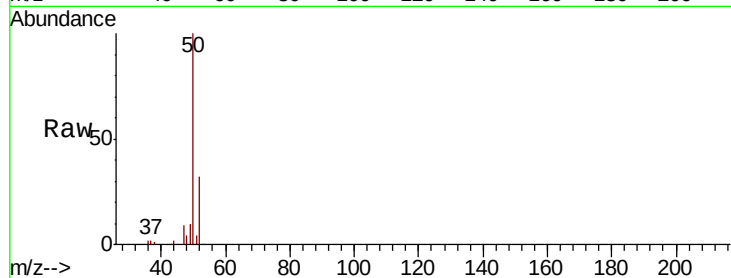
VSTDCCC050

Tot Ion: 50 Resp: 92245

Ion Ratio Lower Upper

50 100

52 31.6 27.0 40.4



#4

Vinyl Chloride

Concen: 41.313 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062700.D

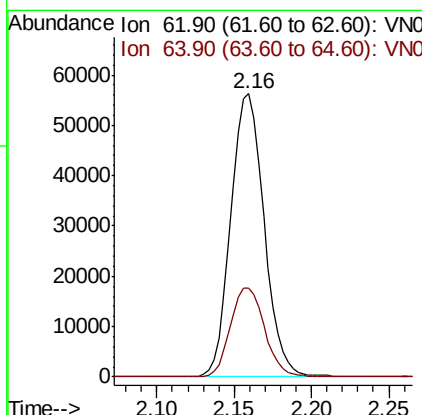
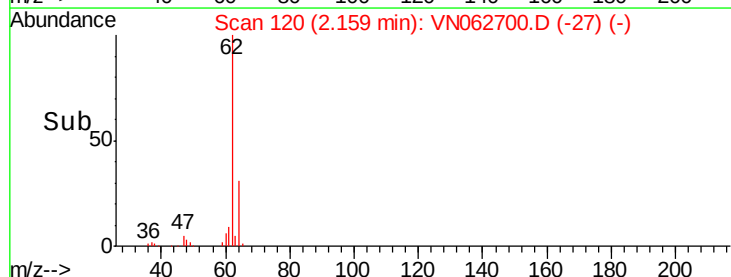
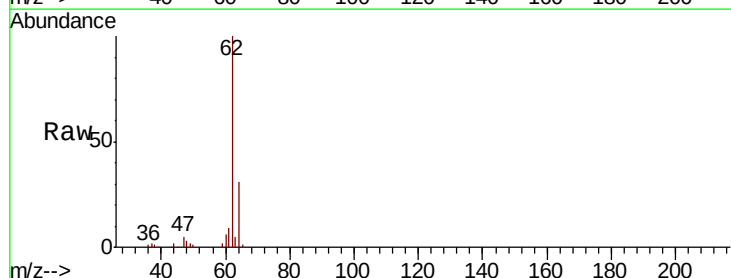
Acq: 31 Jul 2020 21:33

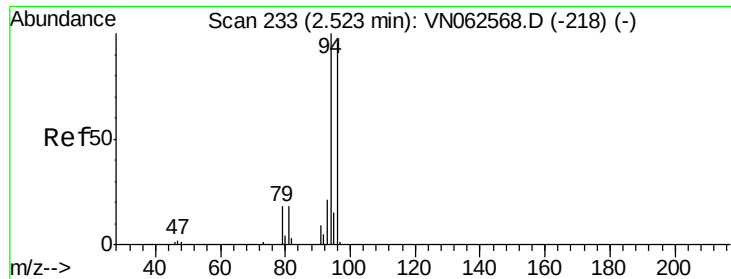
Tgt Ion: 62 Resp: 84046

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 55.737 ug/l

RT: 2.49 min Scan# 223

Delta R.T. -0.03 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

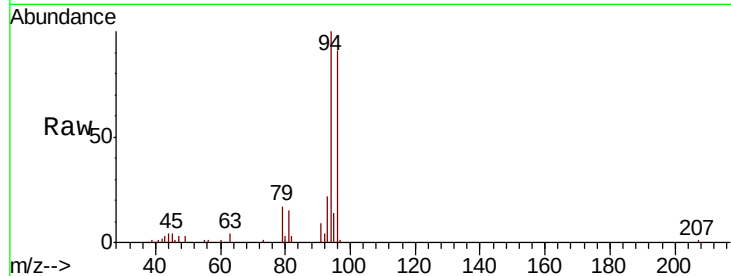
VSTDCCC050

Tot Ion: 94 Resp: 50222

Ion Ratio Lower Upper

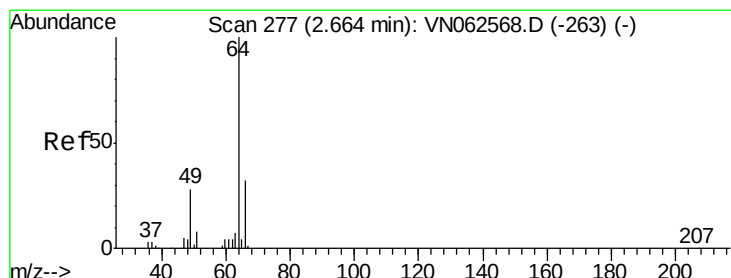
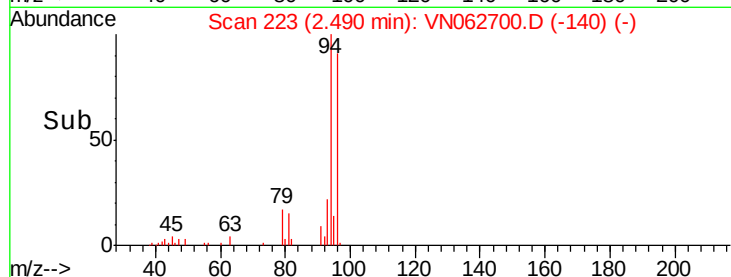
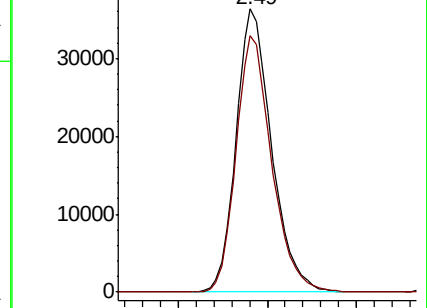
94 100

96 90.6 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN062700.D (-140) (-)

Ion 95.90 (95.60 to 96.60): VN062700.D (-140) (-)



#6

Chloroethane

Concen: 53.780 ug/l

RT: 2.64 min Scan# 271

Delta R.T. -0.02 min

Lab File: VN062700.D

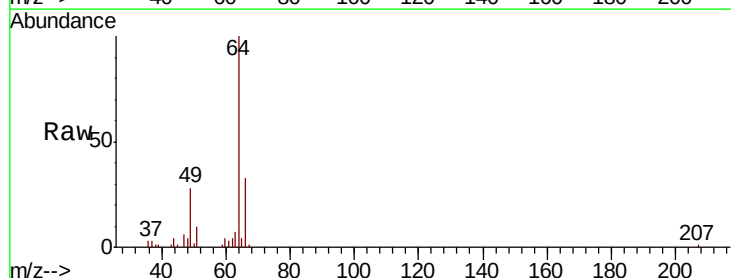
Acq: 31 Jul 2020 21:33

Tgt Ion: 64 Resp: 49490

Ion Ratio Lower Upper

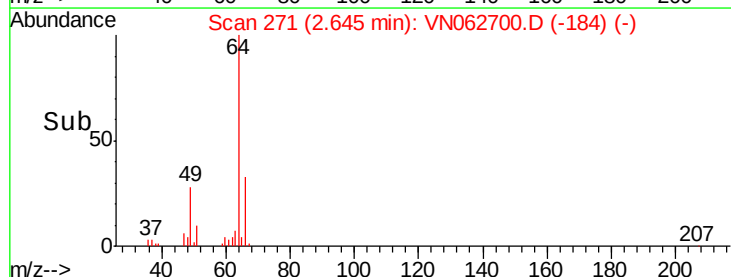
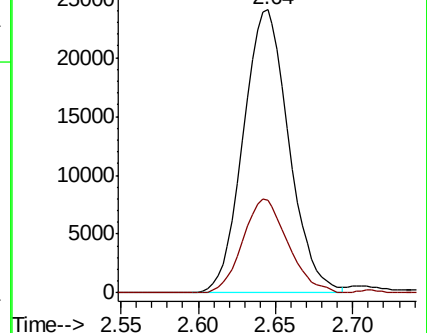
64 100

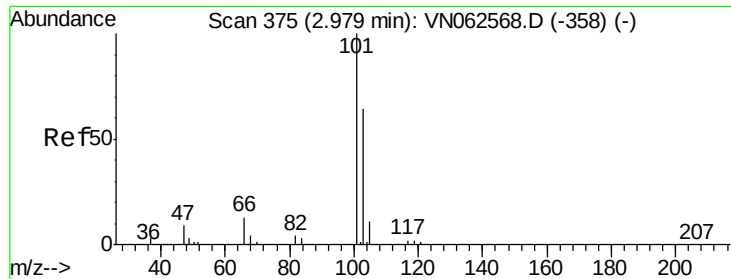
66 32.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN062700.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062700.D (-184) (-)



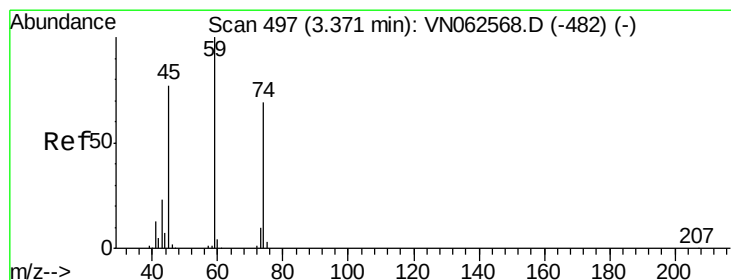
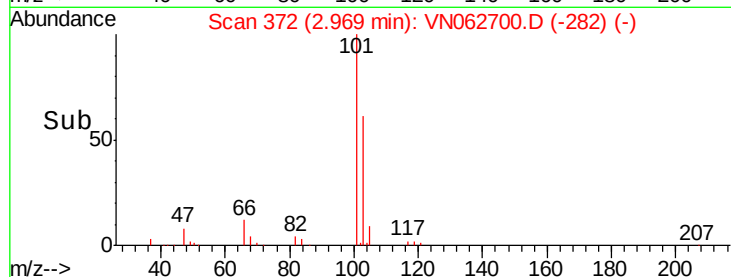
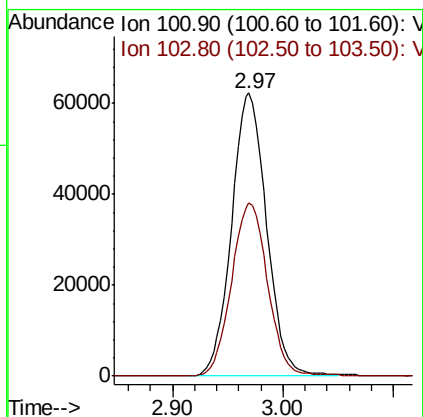
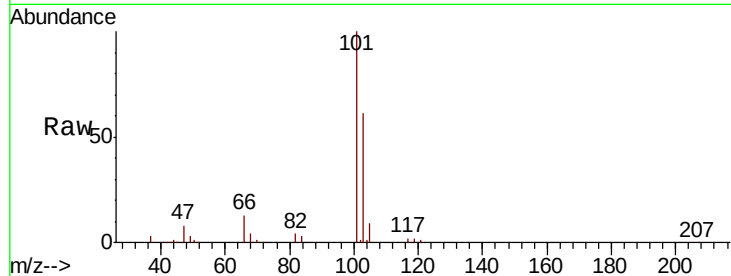


#7

Trichlorofluoromethane
 Concen: 57.355 ug/l
 RT: 2.97 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Instrument :
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 VSTDCCC050

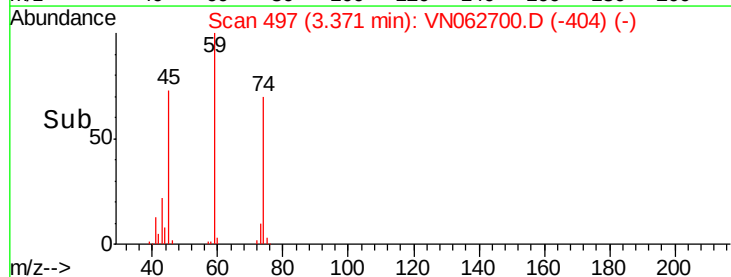
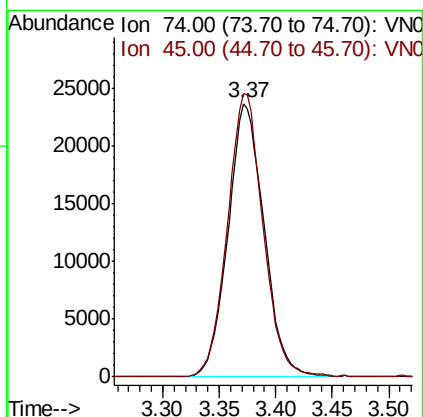
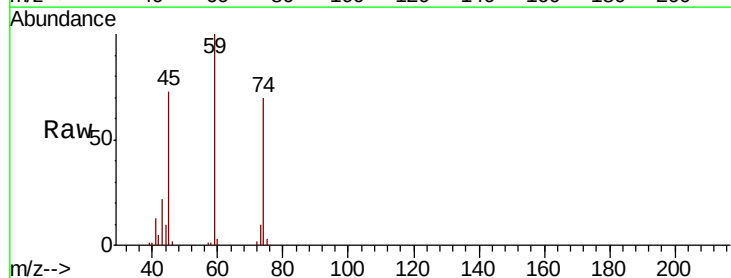
Tot Ion:101 Resp: 136997
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.5 77.3

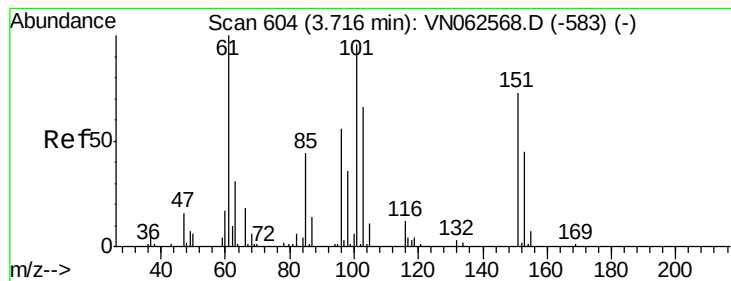


#8

Diethyl Ether
 Concen: 46.945 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion: 74 Resp: 52436
 Ion Ratio Lower Upper
 74 100
 45 102.8 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.414 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

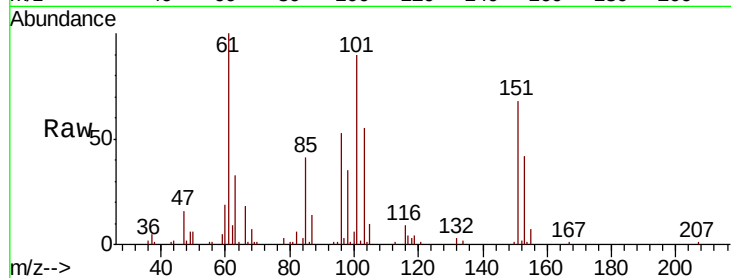
Tot Ion:101 Resp: 75674

Ion Ratio Lower Upper

101 100

85 47.5 36.0 54.0

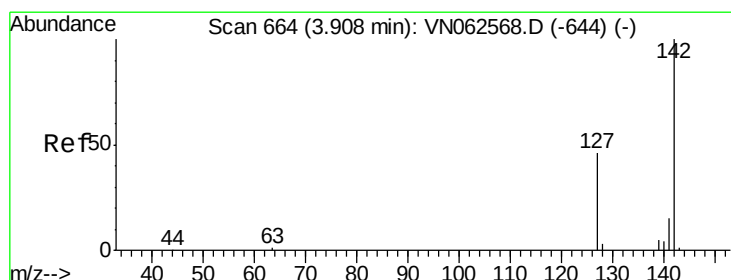
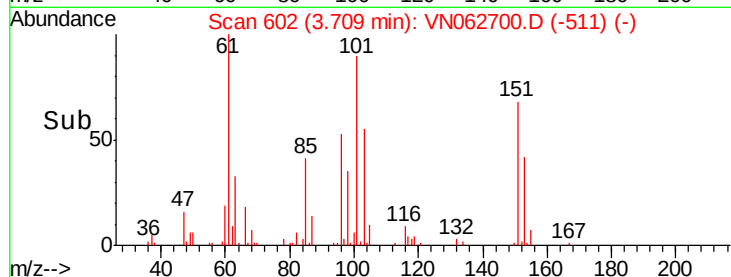
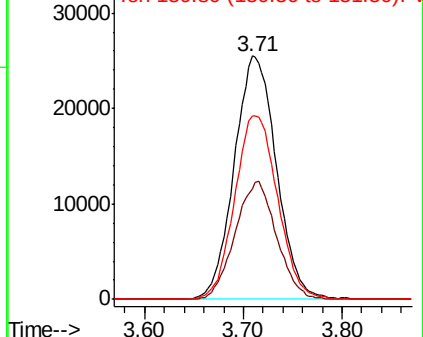
151 76.4 60.0 90.0



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: 51.100 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

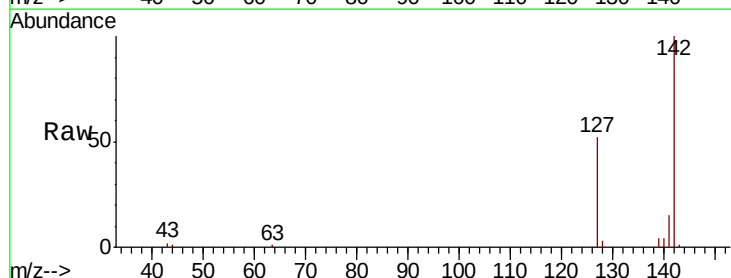
Tgt Ion:142 Resp: 100047

Ion Ratio Lower Upper

142 100

127 52.3 37.4 56.0

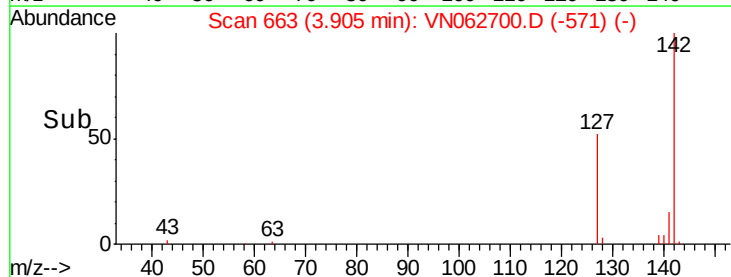
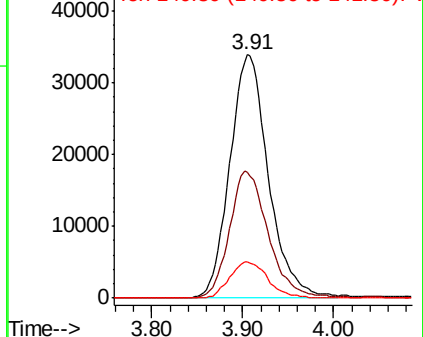
141 14.6 11.9 17.9

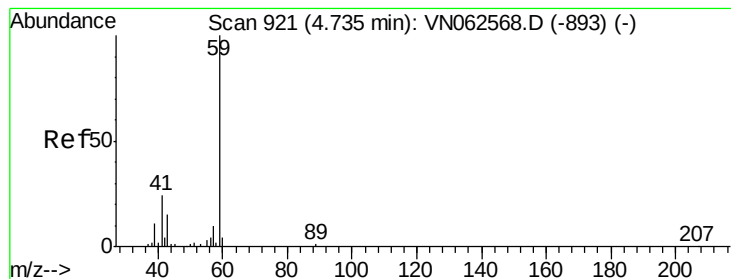


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



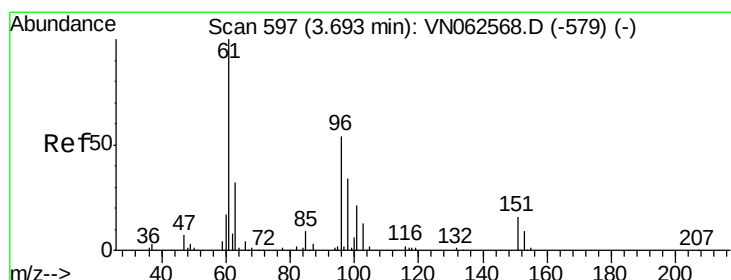
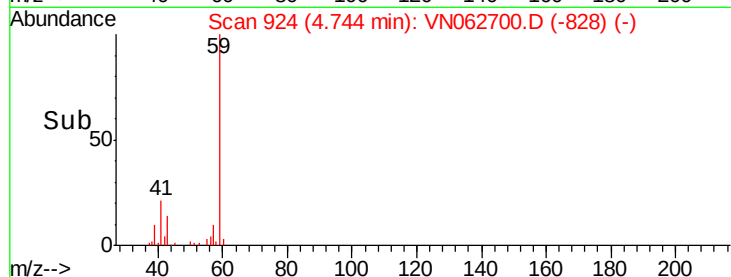
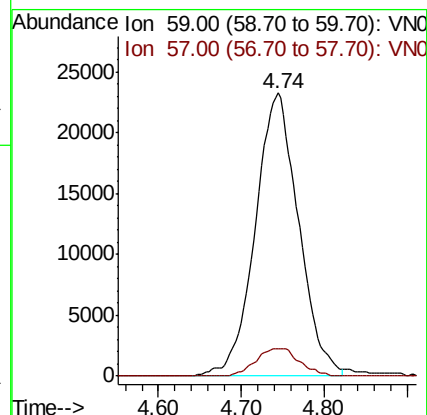
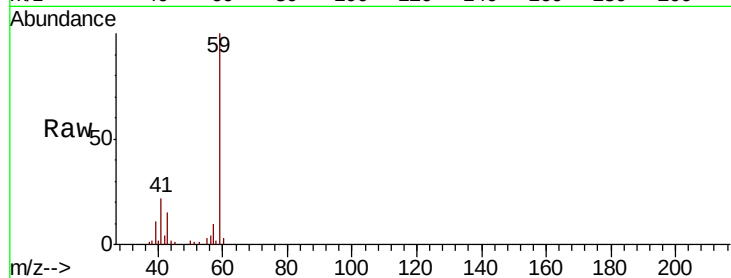


#11

Tert butyl alcohol
 Concen: 235.333 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

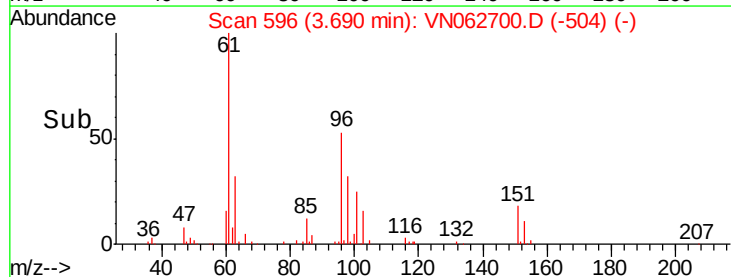
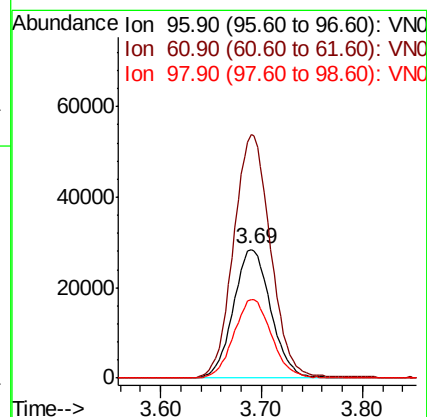
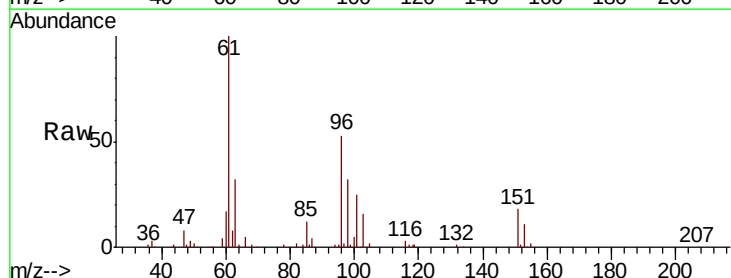
Tot Ion: 59 Resp: 84358
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.2

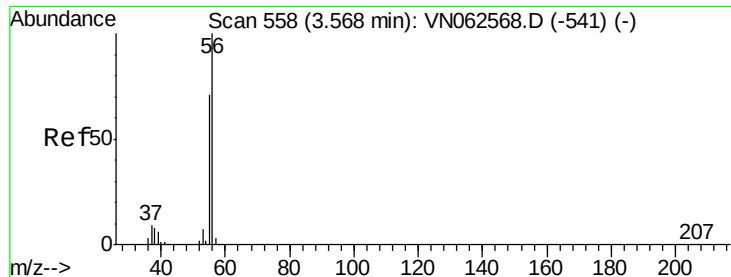


#12

1,1-Dichloroethene
 Concen: 47.154 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion: 96 Resp: 73238
 Ion Ratio Lower Upper
 96 100
 61 188.7 148.6 222.8
 98 61.3 50.6 75.8





#13

Acrolein

Concen: 180.892 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

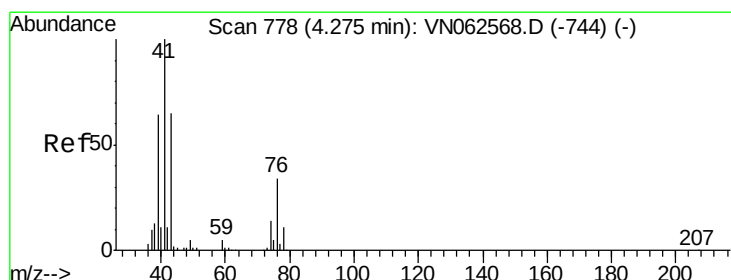
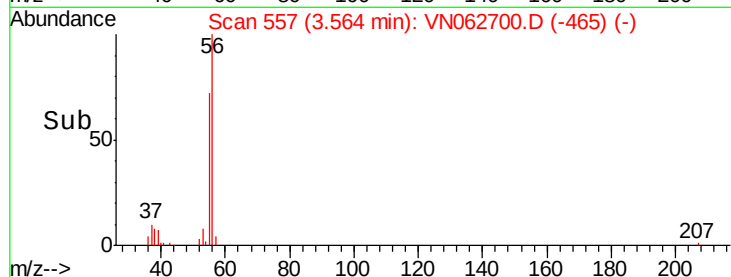
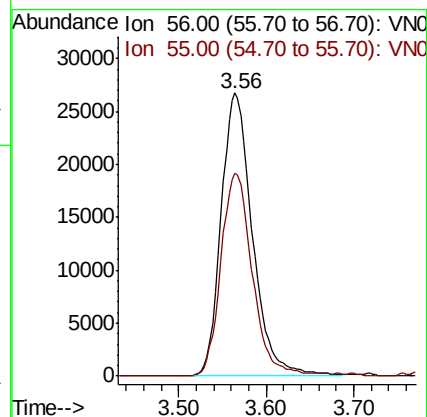
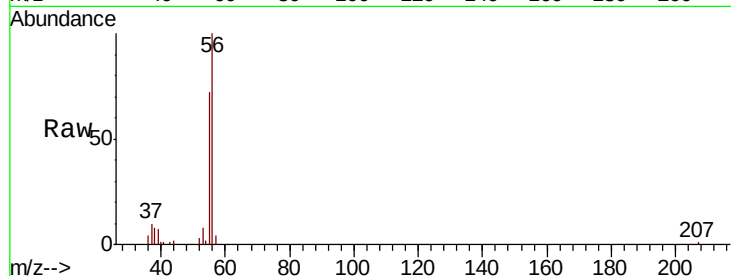
VSTDCCC050

Tot Ion: 56 Resp: 66720

Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.4



#14

Allyl chloride

Concen: 42.967 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

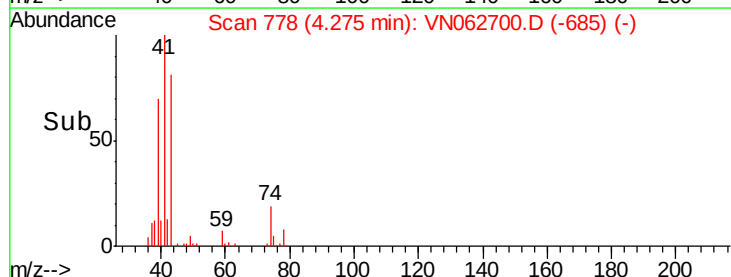
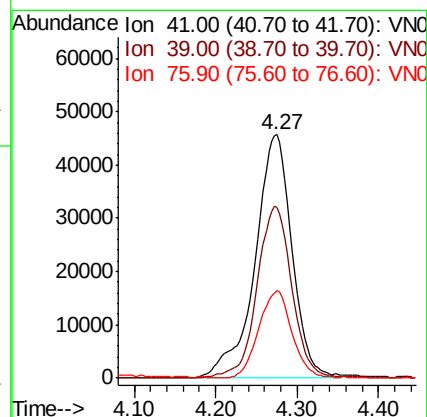
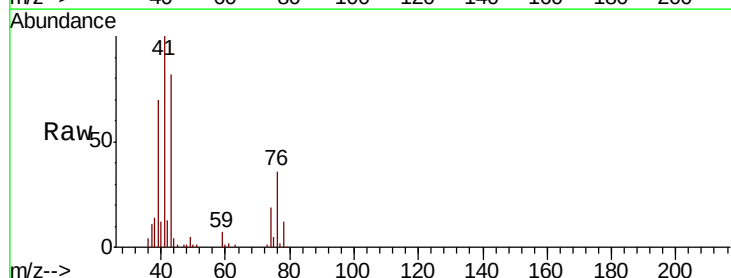
Tgt Ion: 41 Resp: 144354

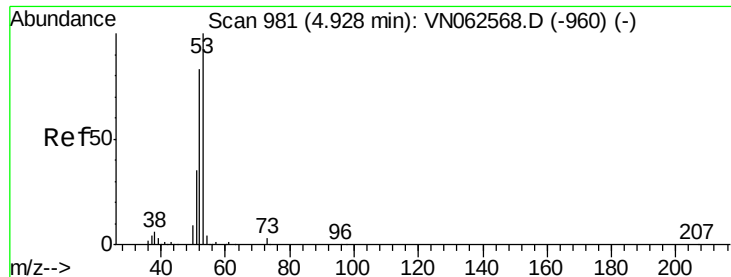
Ion Ratio Lower Upper

41 100

39 66.2 49.0 73.4

76 32.2 24.0 36.0





#15

Acrylonitrile

Concen: 238.978 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

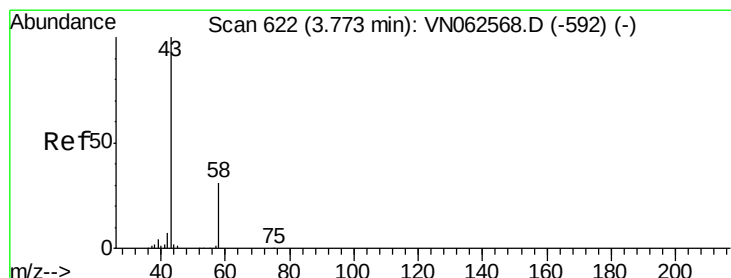
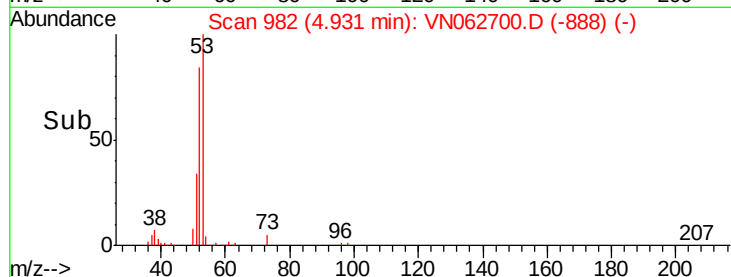
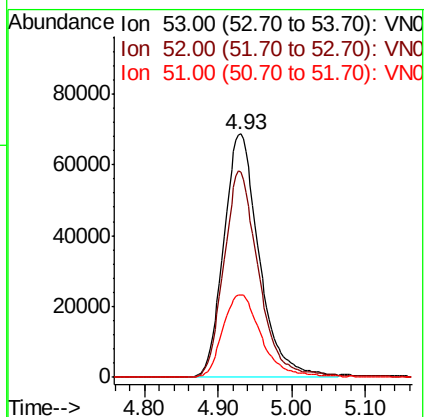
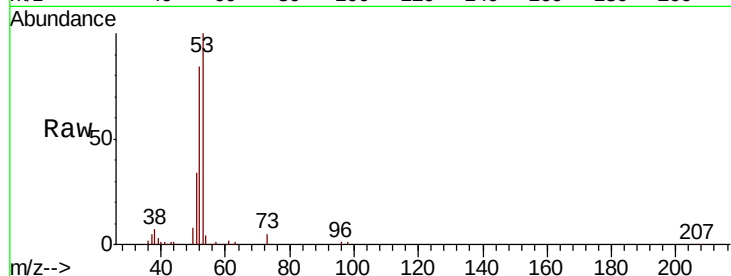
Tot Ion: 53 Resp: 229450

Ion Ratio Lower Upper

53 100

52 82.0 66.3 99.5

51 36.8 28.6 43.0



#16

Acetone

Concen: 224.438 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062700.D

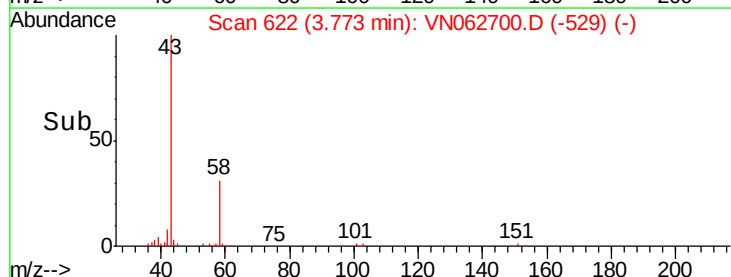
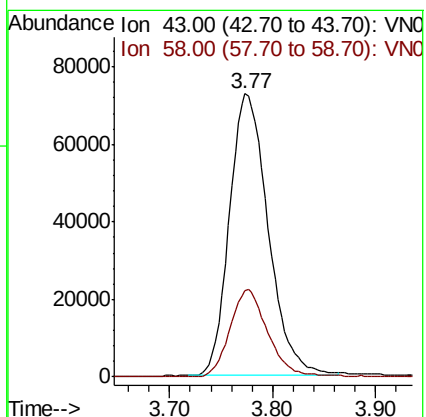
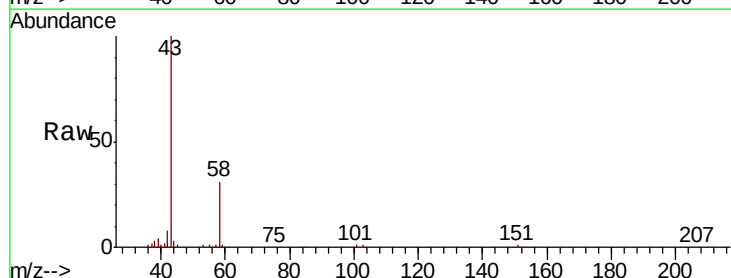
Acq: 31 Jul 2020 21:33

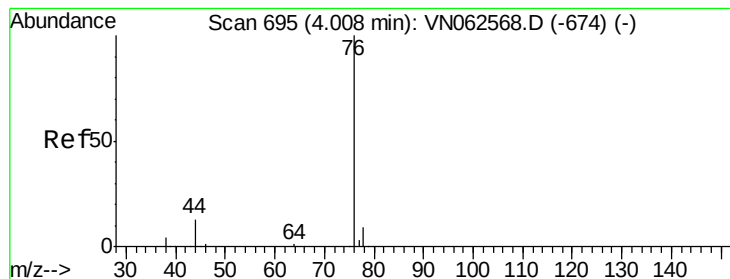
Tgt Ion: 43 Resp: 190312

Ion Ratio Lower Upper

43 100

58 30.7 24.6 37.0





#17

Carbon Disulfide

Concen: 41.019 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

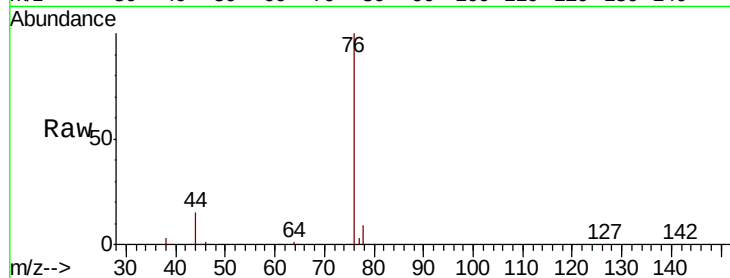
VSTDCCC050

Tot Ion: 76 Resp: 209325

Ion Ratio Lower Upper

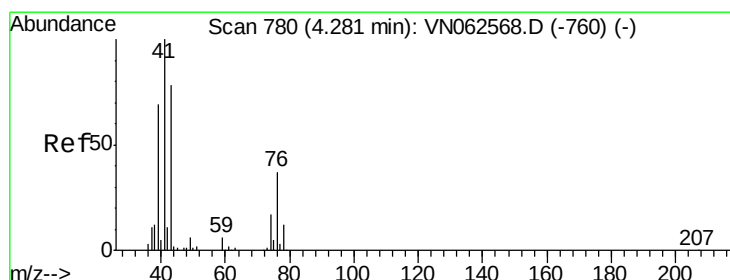
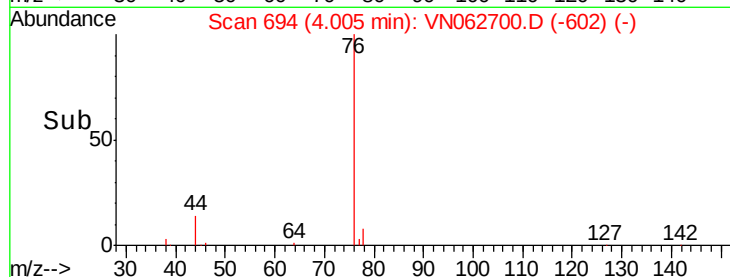
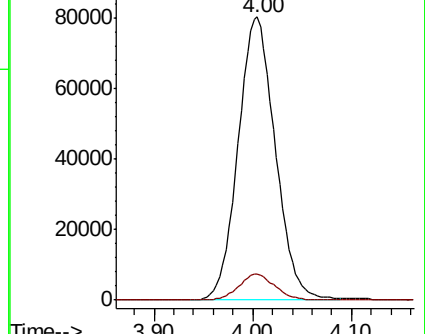
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN062700.D (-602) (-)

Ion 77.90 (77.60 to 78.60): VN062700.D (-602) (-)



#18

Methyl Acetate

Concen: 51.607 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062700.D

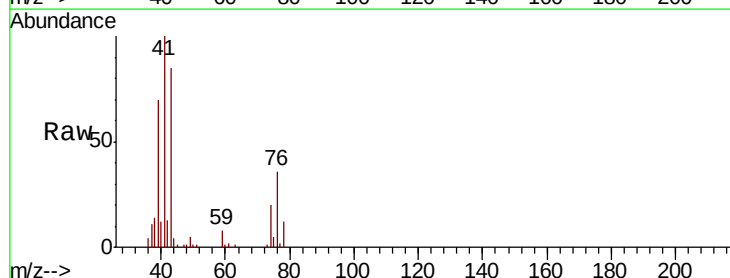
Acq: 31 Jul 2020 21:33

Tgt Ion: 43 Resp: 110783

Ion Ratio Lower Upper

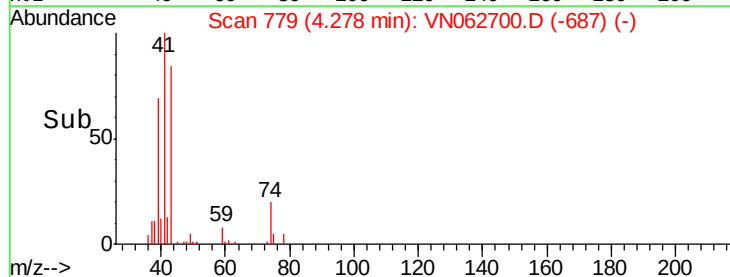
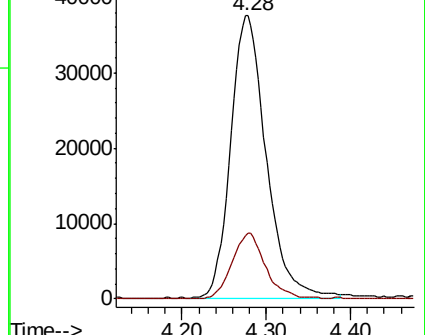
43 100

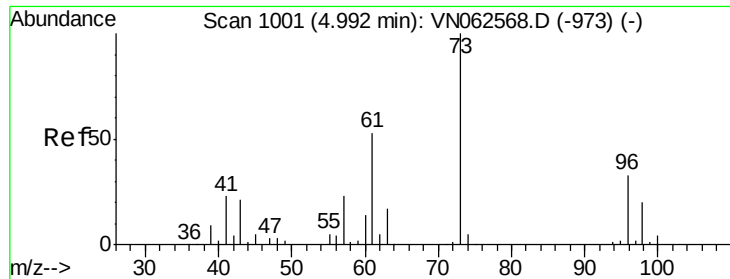
74 21.8 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN062700.D (-687) (-)

Ion 74.00 (73.70 to 74.70): VN062700.D (-687) (-)

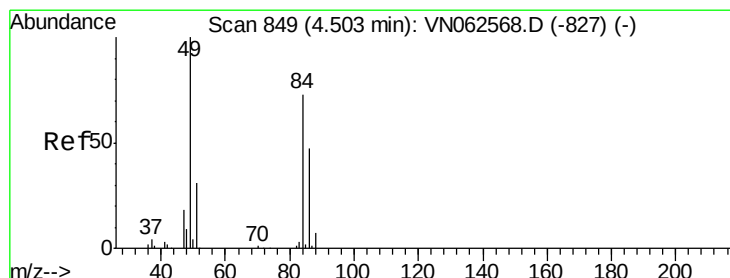
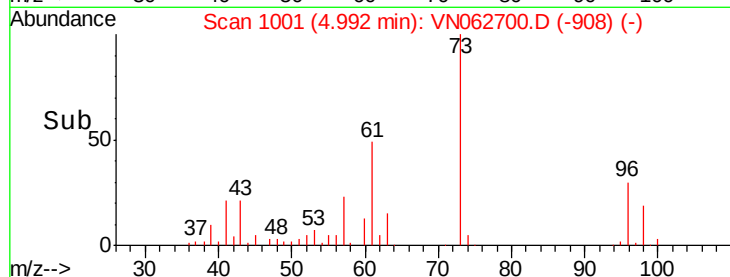
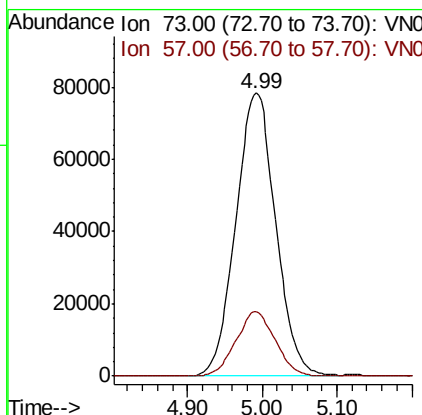
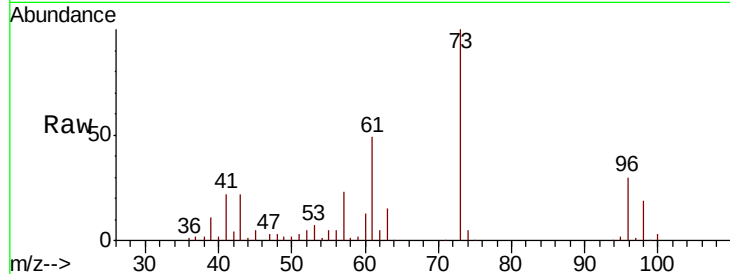




#19
Methyl tert-butyl Ether
Concen: 50.802 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

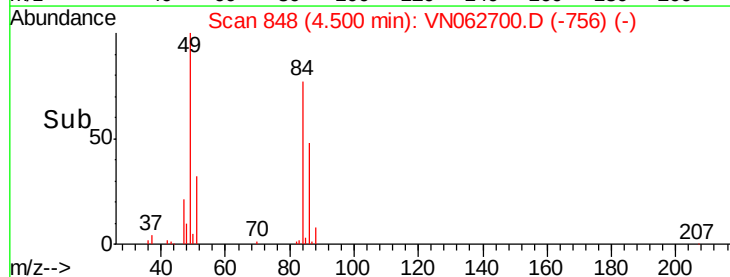
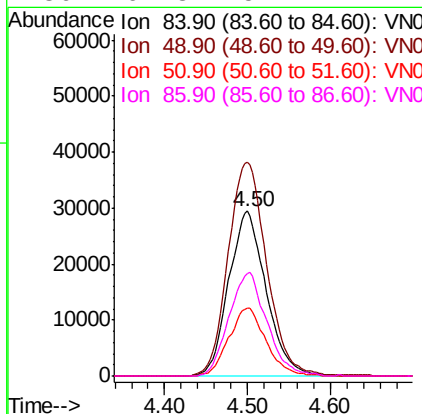
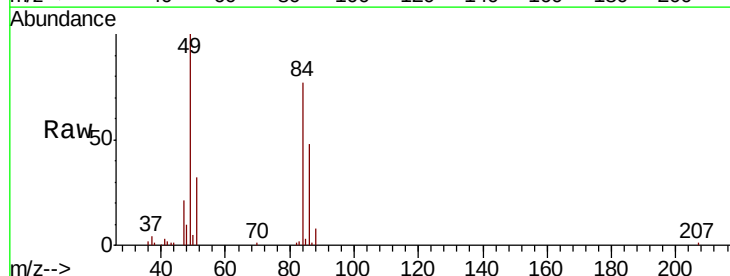
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

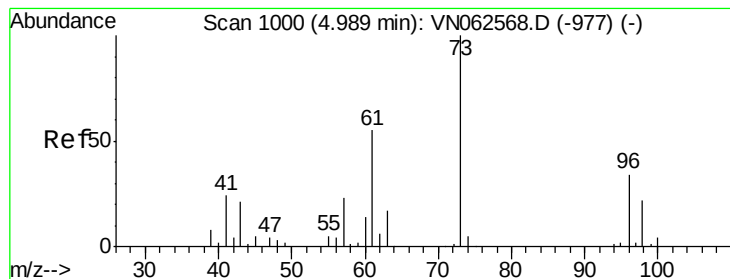
Tot Ion: 73 Resp: 290415
Ion Ratio Lower Upper
73 100
57 22.8 18.6 27.8



#20
Methylene Chloride
Concen: 45.428 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Tgt Ion: 84 Resp: 92388
Ion Ratio Lower Upper
84 100
49 129.6 109.4 164.0
51 41.3 33.6 50.4
86 62.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.145 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

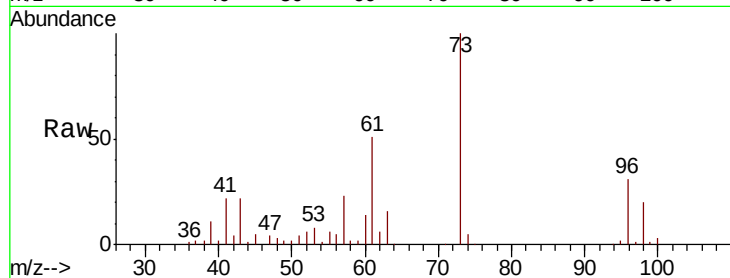
Tot Ion: 96 Resp: 77822

Ion Ratio Lower Upper

96 100

61 164.5 128.6 192.8

98 64.3 50.6 76.0

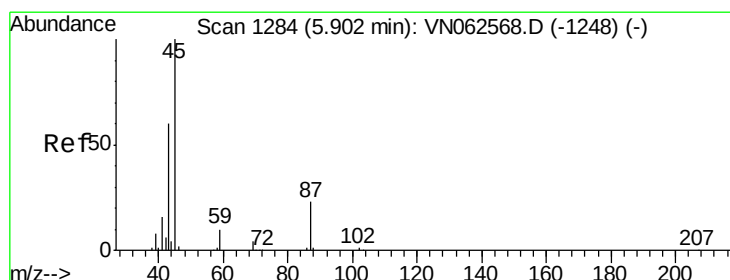
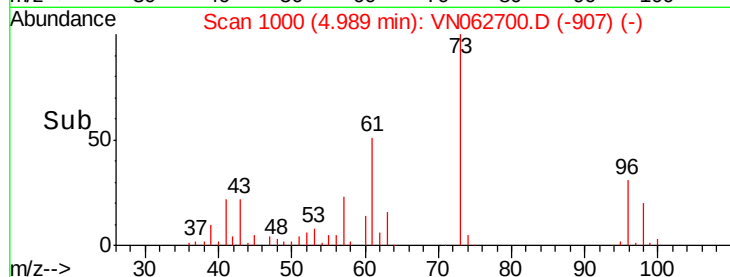
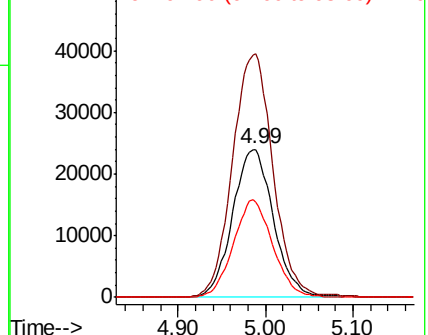


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 44.825 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Tgt Ion: 45 Resp: 299346

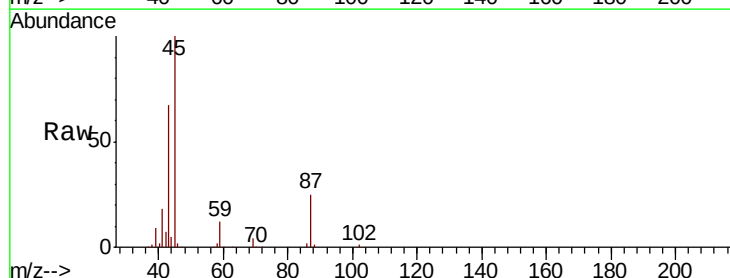
Ion Ratio Lower Upper

45 100

43 65.6 48.7 73.1

87 25.0 19.0 28.6

59 12.0 8.6 13.0



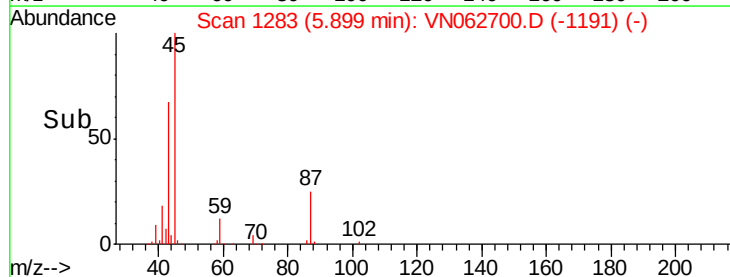
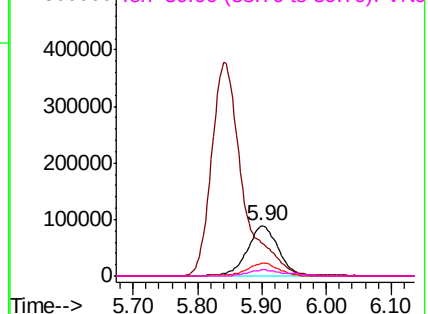
Abundance

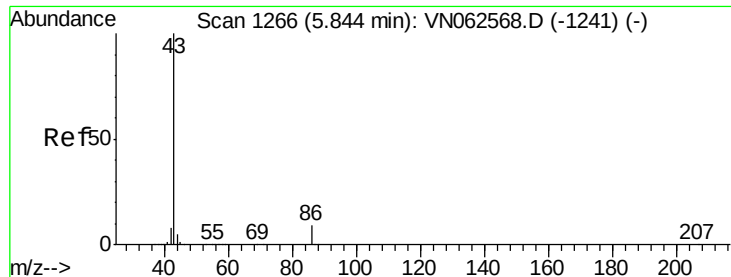
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

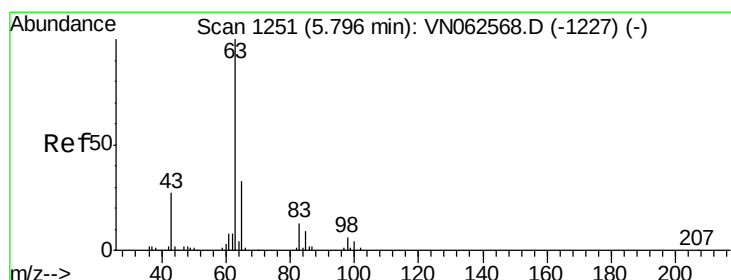
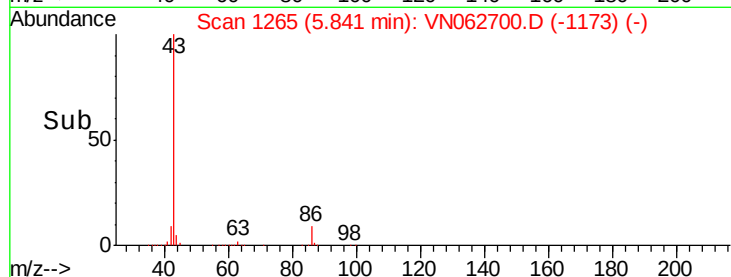
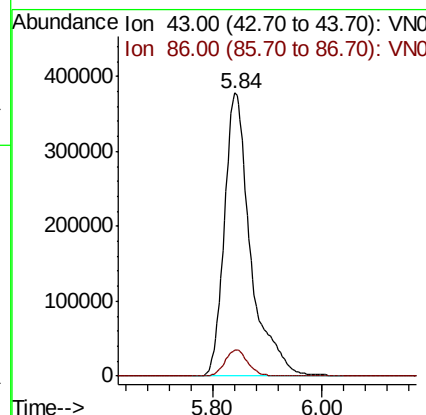
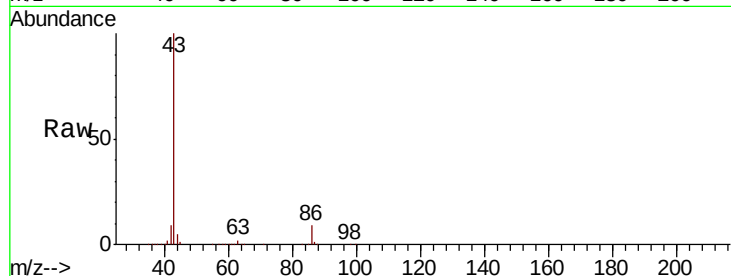




#23
 Vinyl Acetate
 Concen: 230.648 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

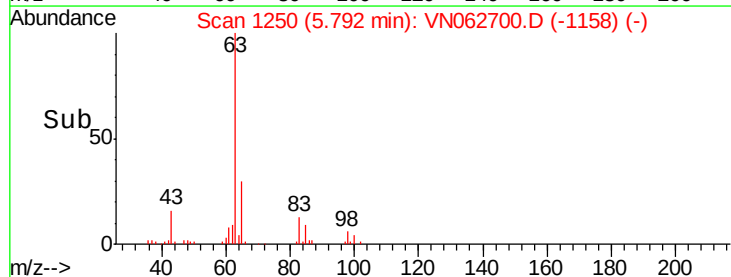
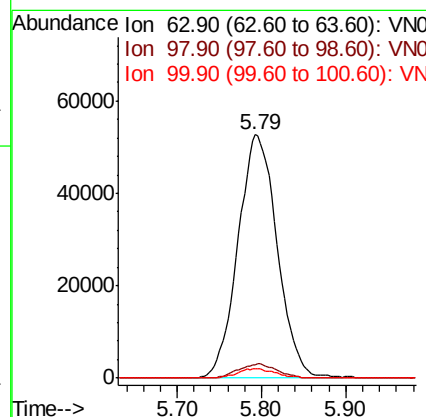
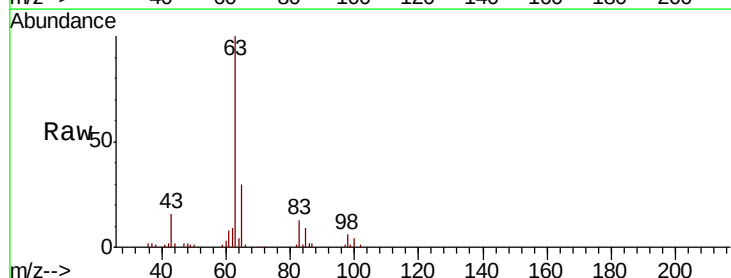
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

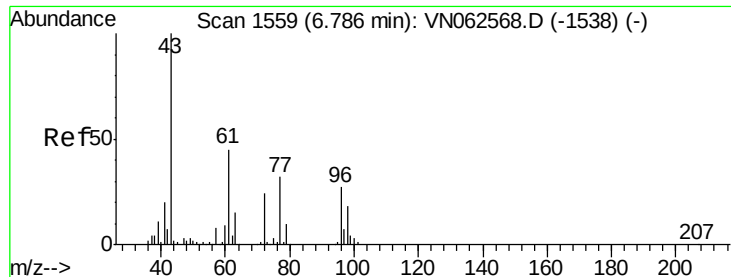
Tot Ion: 43 Resp: 1262081
 Ion Ratio Lower Upper
 43 100
 86 9.1 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 47.396 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion: 63 Resp: 170440
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.9 8.8
 100 3.8 1.8 5.4

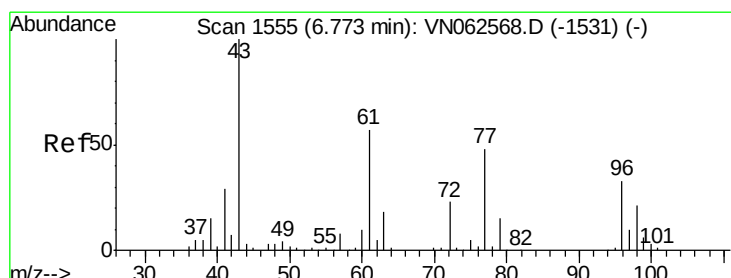
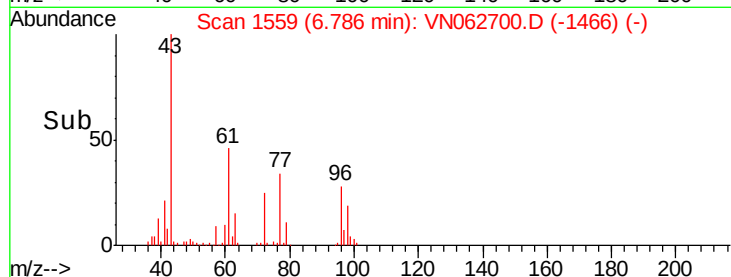
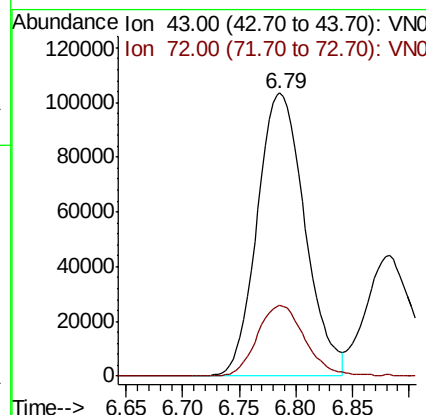
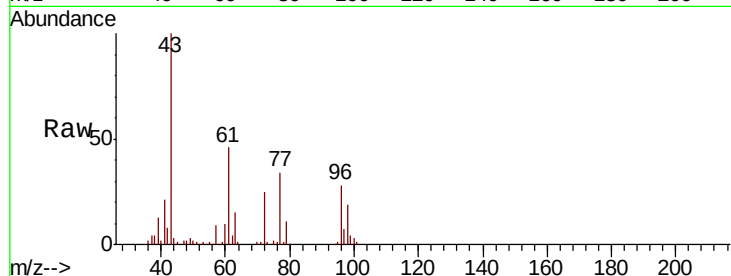




#25
 2-Butanone
 Concen: 234.255 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

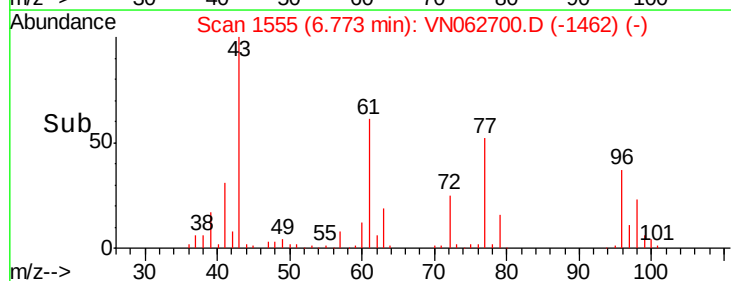
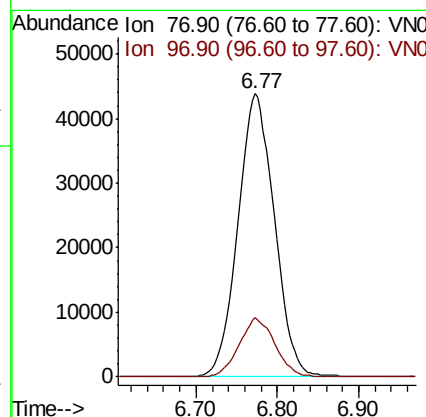
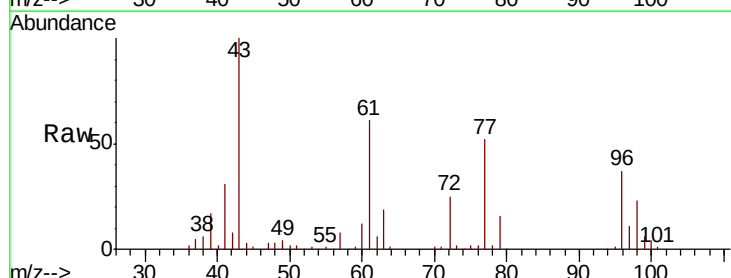
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

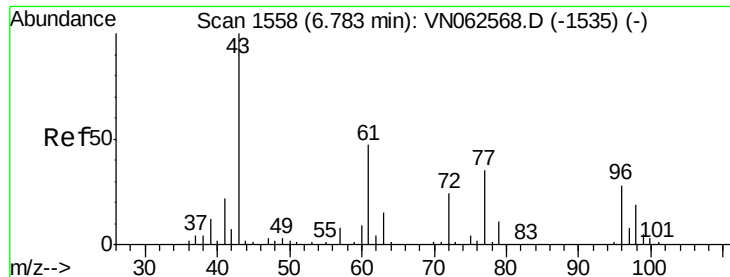
Tot Ion: 43 Resp: 302518
 Ion Ratio Lower Upper
 43 100
 72 24.8 19.0 28.6



#26
 2,2-Dichloropropane
 Concen: 46.033 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion: 77 Resp: 135893
 Ion Ratio Lower Upper
 77 100
 97 20.3 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 46.440 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

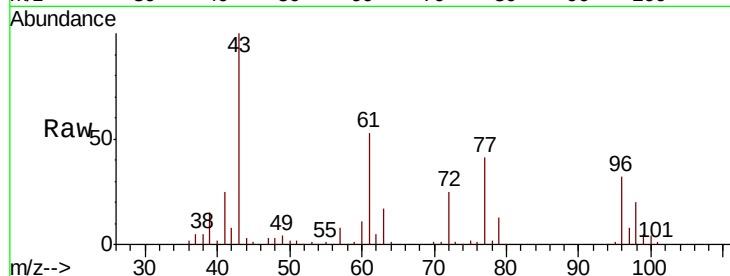
Tot Ion: 96 Resp: 91349

Ion Ratio Lower Upper

96 100

61 168.0 0.0 332.4

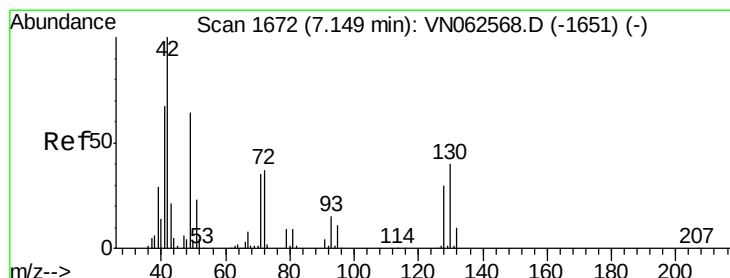
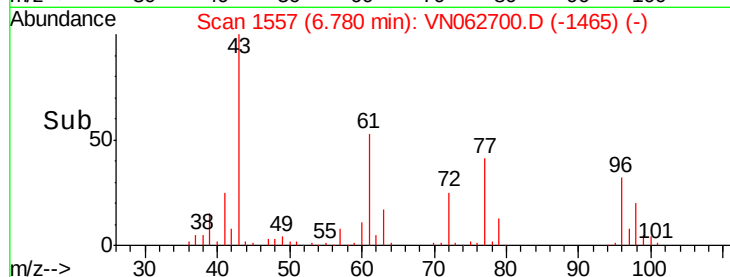
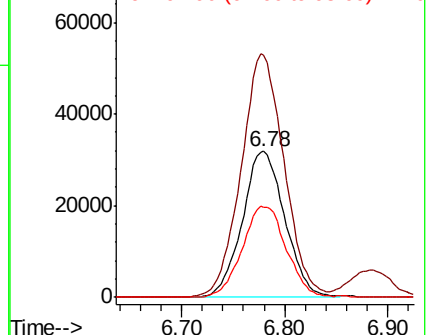
98 64.2 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 45.077 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

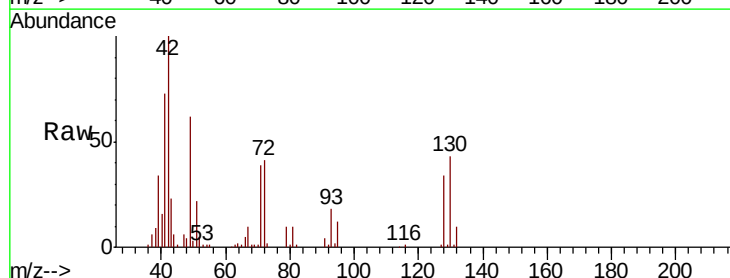
Tgt Ion: 49 Resp: 79775

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.4

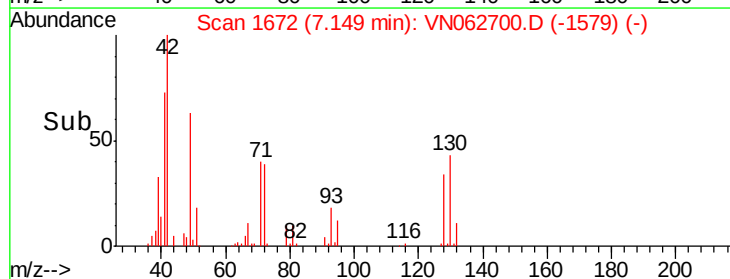
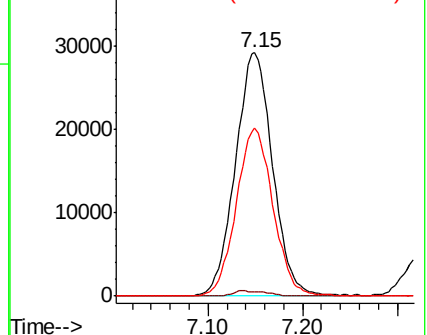
130 67.9 49.8 74.8

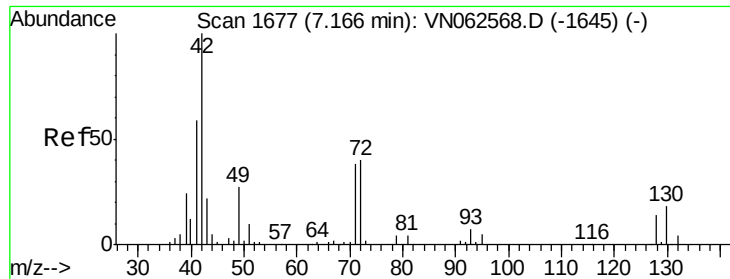


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

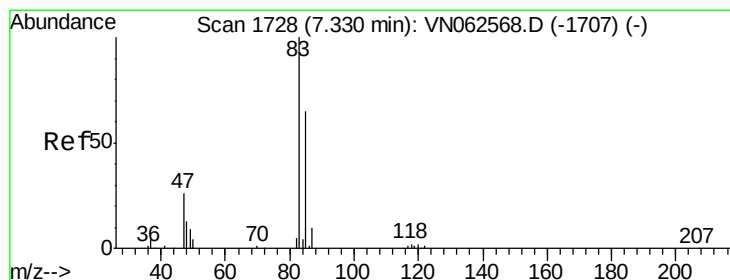
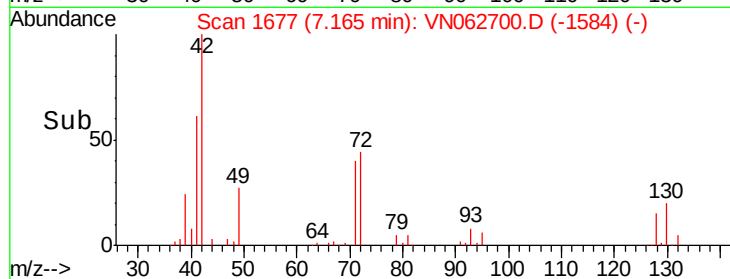
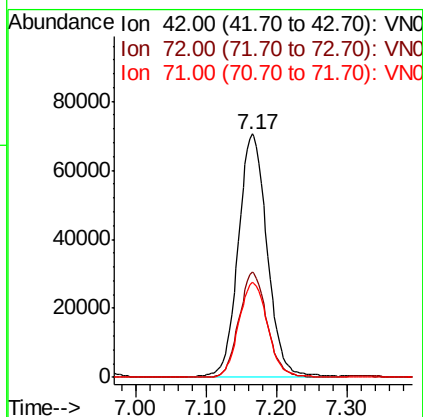
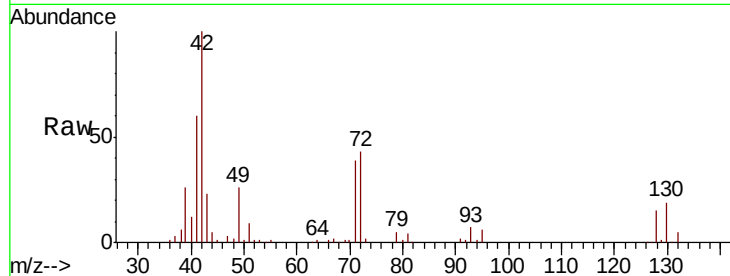




#29
Tetrahydrofuran
Concen: 231.391 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

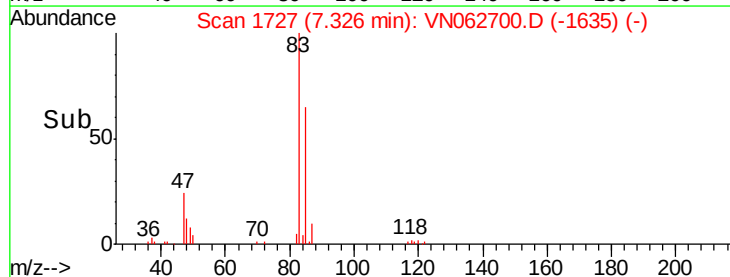
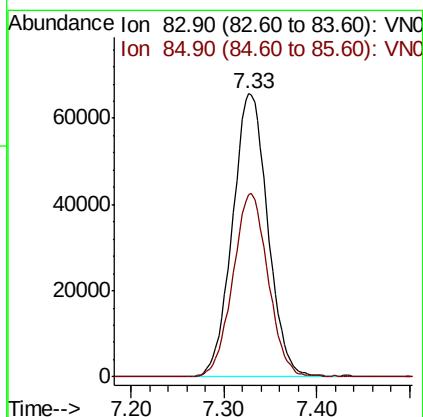
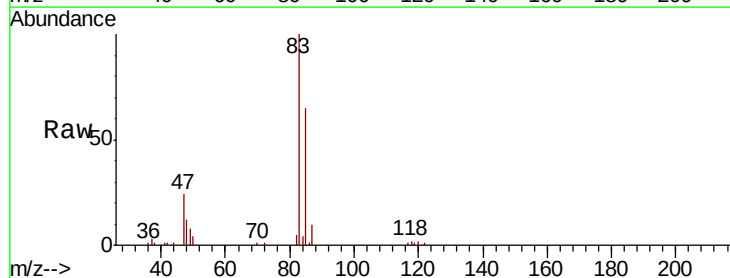
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

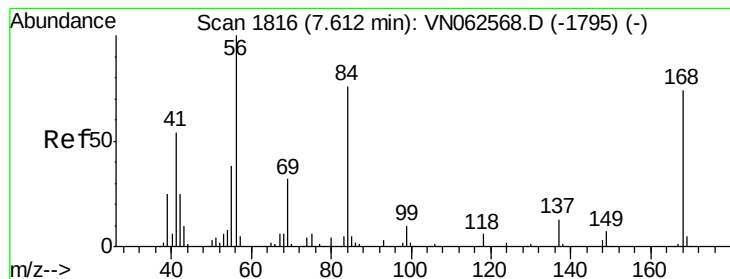
Tot Ion: 42 Resp: 202198
Ion Ratio Lower Upper
42 100
72 41.5 30.7 46.1
71 38.8 29.1 43.7



#30
Chloroform
Concen: 50.750 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Tgt Ion: 83 Resp: 173524
Ion Ratio Lower Upper
83 100
85 64.5 52.0 78.0





#31

Cyclohexane

Concen: 42.325 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

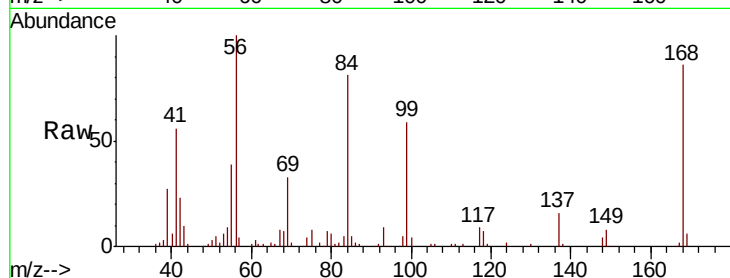
Tot Ion: 56 Resp: 140530

Ion Ratio Lower Upper

56 100

69 32.8 25.3 37.9

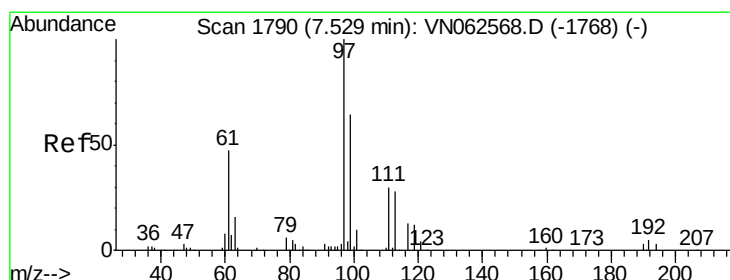
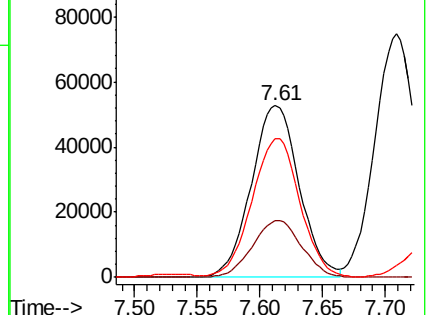
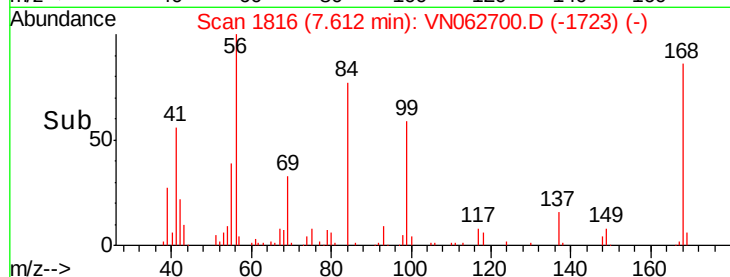
84 79.3 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN062700.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062700.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062700.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 54.397 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

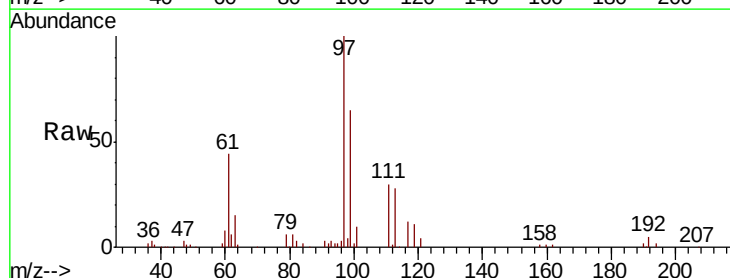
Tgt Ion: 97 Resp: 155287

Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

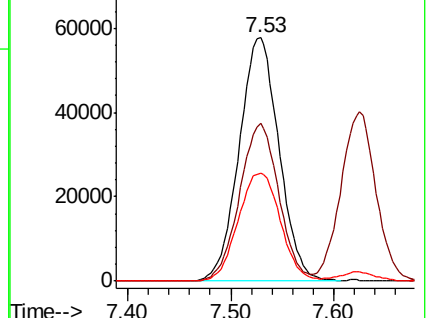
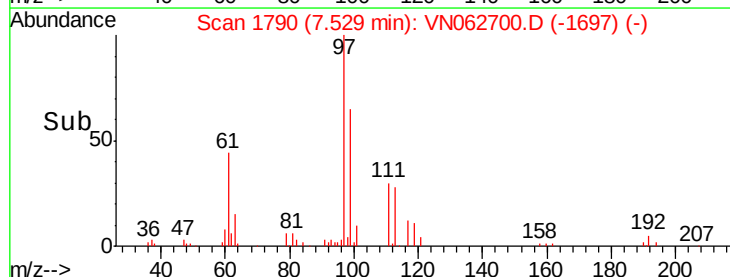
61 46.8 38.4 57.6

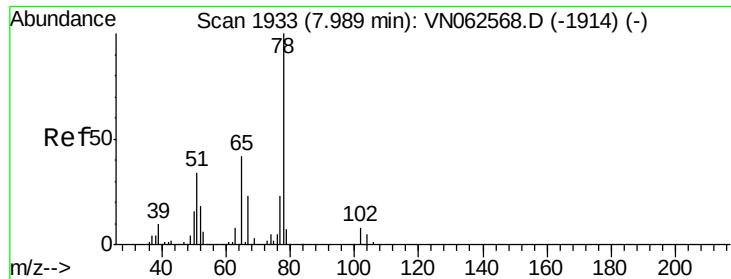


Abundance Ion 96.90 (96.60 to 97.60): VN062700.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062700.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062700.D (-1697) (-)

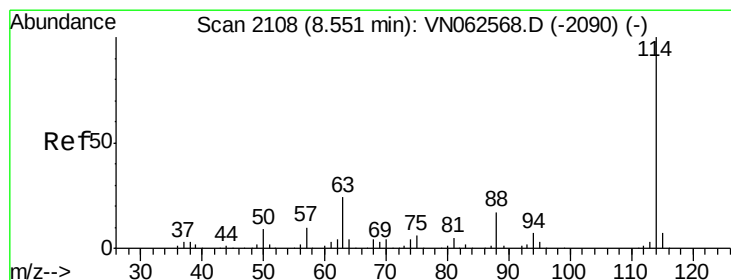
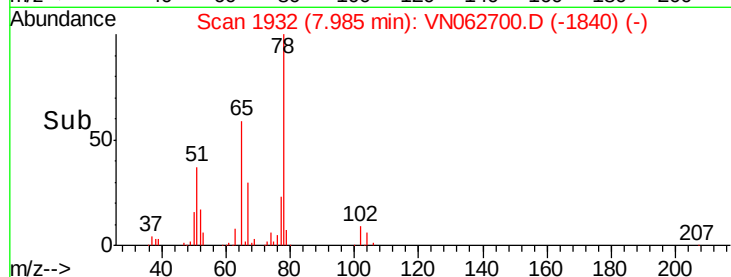
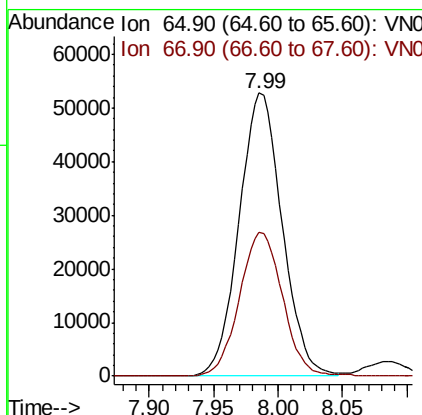
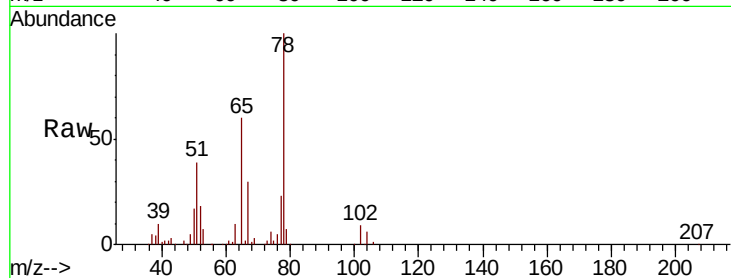




#33
 1,2-Dichloroethane-d4
 Concen: 54.521 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

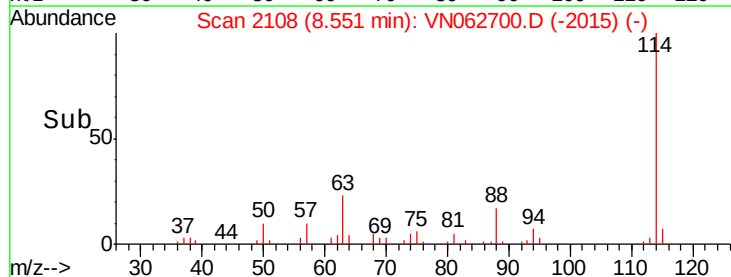
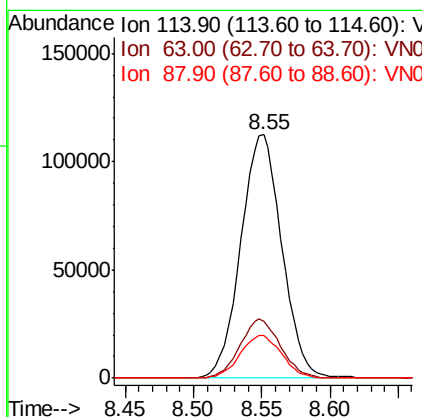
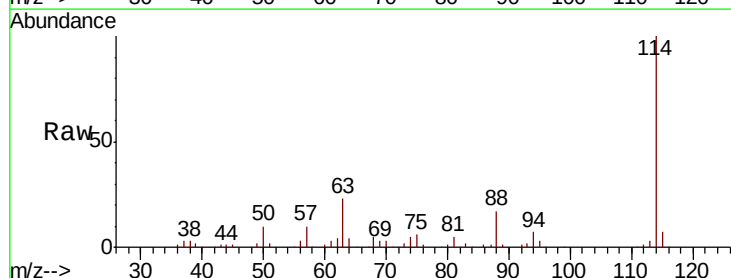
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

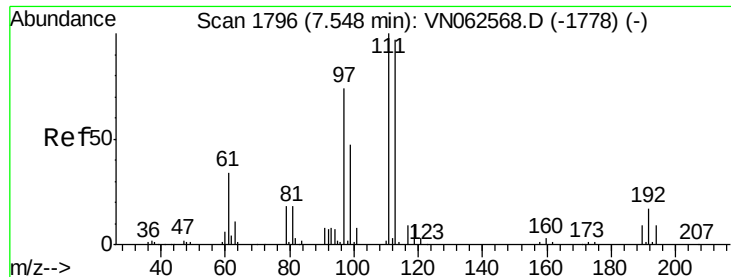
Tot Ion: 65 Resp: 122855
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion: 114 Resp: 234207
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 48.4
 88 17.3 0.0 33.8

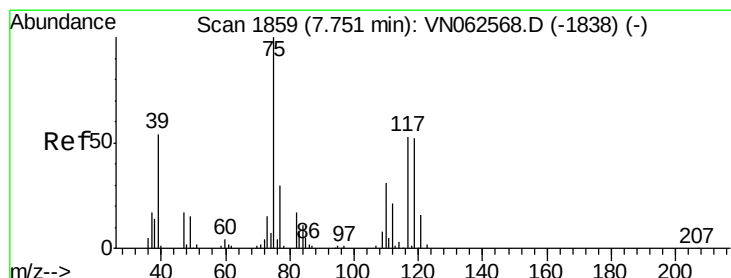
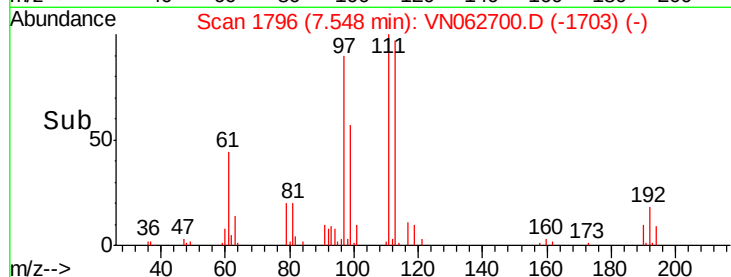
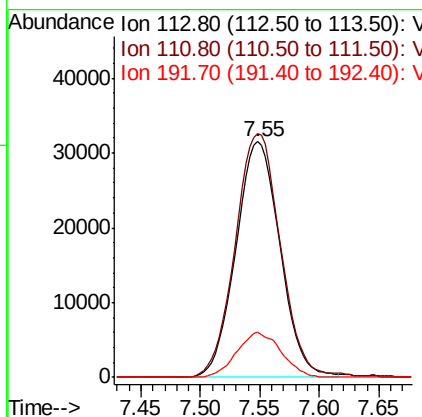
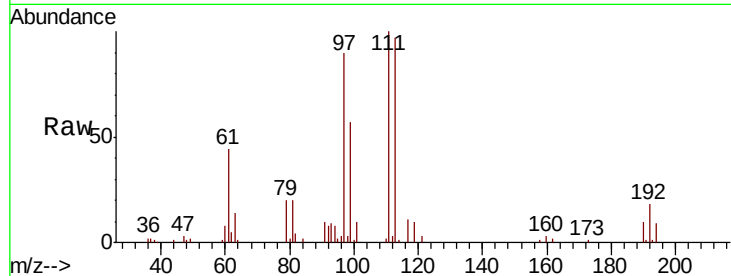




#35
 Dibromofluoromethane
 Concen: 52.713 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

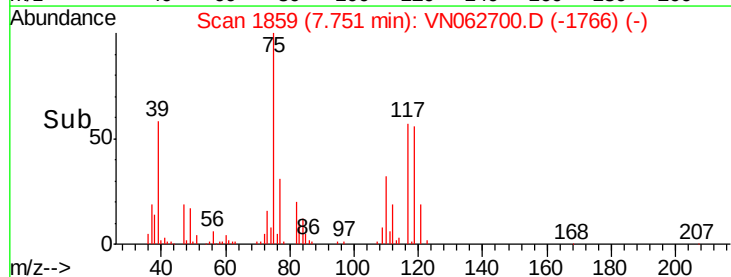
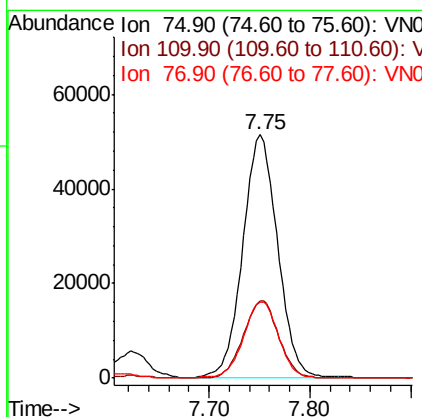
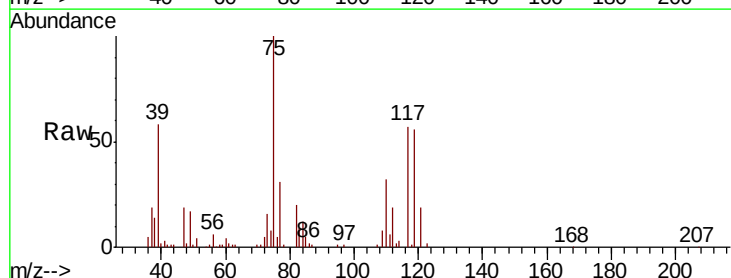
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

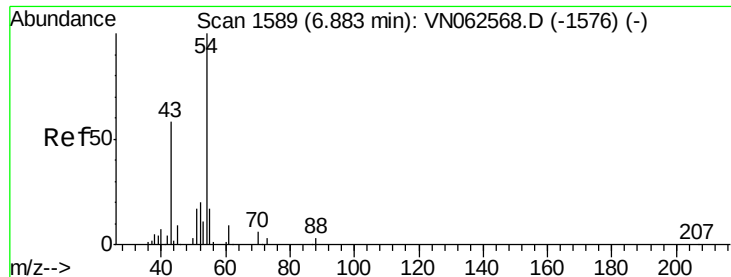
Tot Ion:113 Resp: 81094
 Ion Ratio Lower Upper
 113 100
 111 106.3 82.7 124.1
 192 19.1 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 49.476 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion: 75 Resp: 123513
 Ion Ratio Lower Upper
 75 100
 110 32.1 16.0 48.0
 77 31.4 24.6 36.8

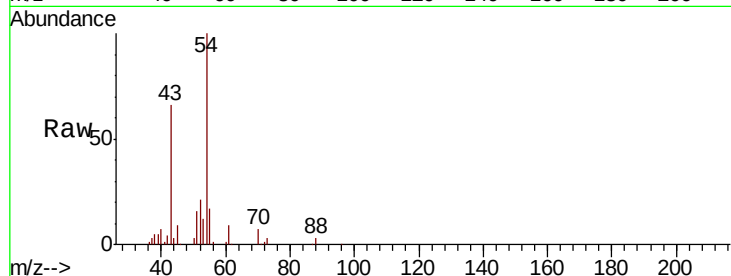




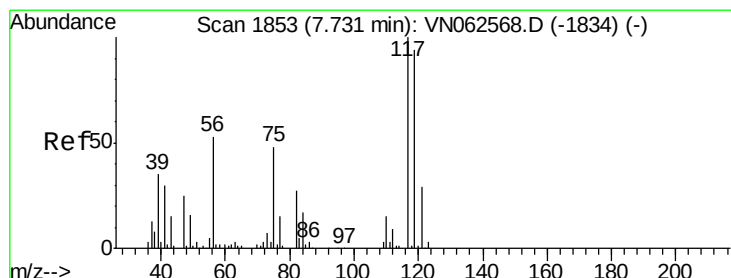
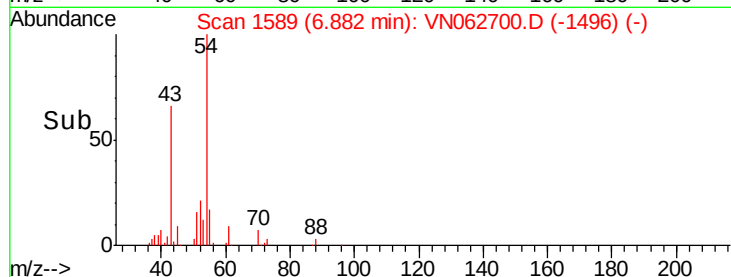
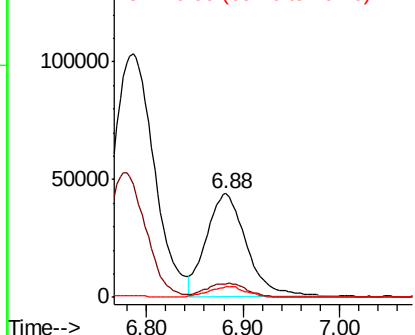
#37
Ethyl Acetate
Concen: 46.923 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 126269
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.0 7.7 11.5

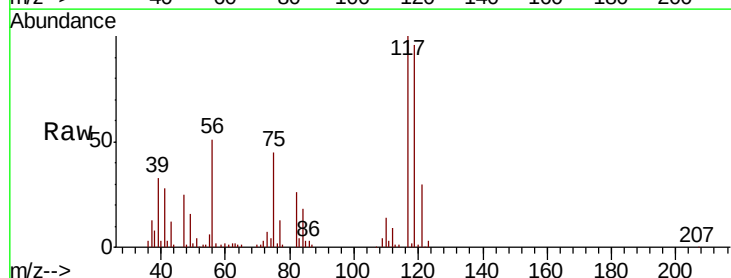


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

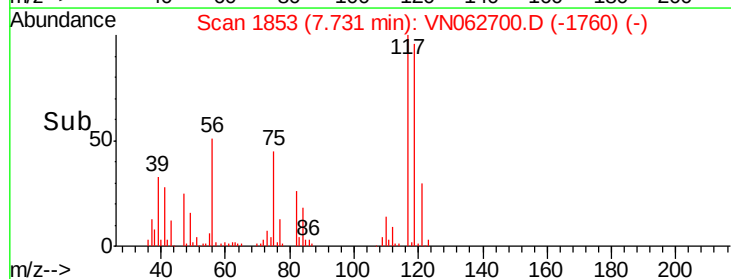
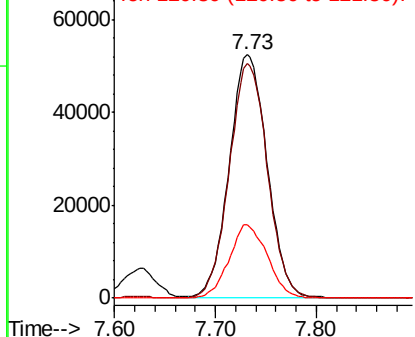


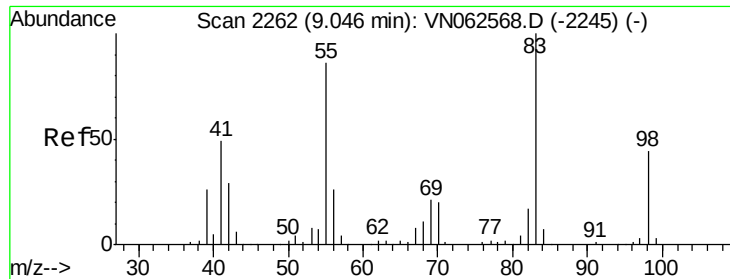
#38
Carbon Tetrachloride
Concen: 57.042 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Tgt Ion: 117 Resp: 136877
Ion Ratio Lower Upper
117 100
119 96.4 74.8 112.2
121 30.0 23.0 34.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

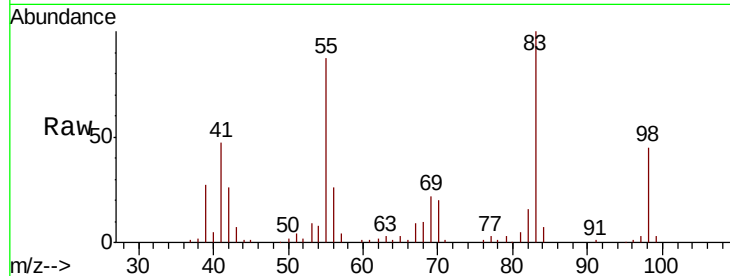




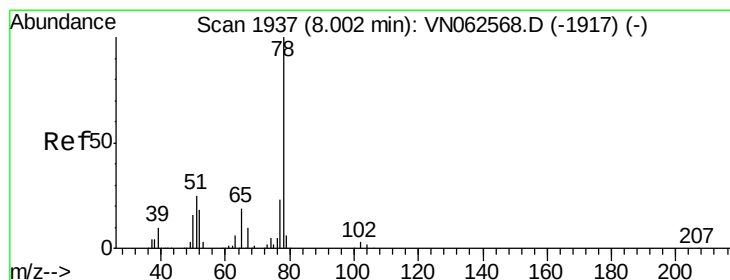
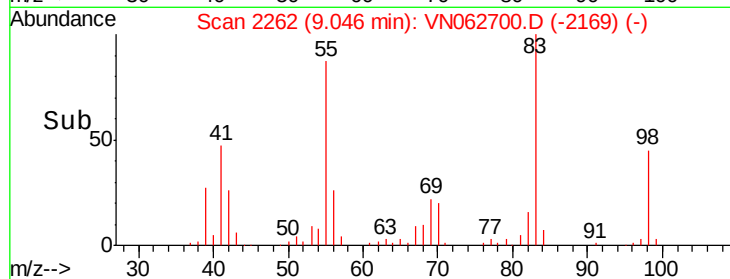
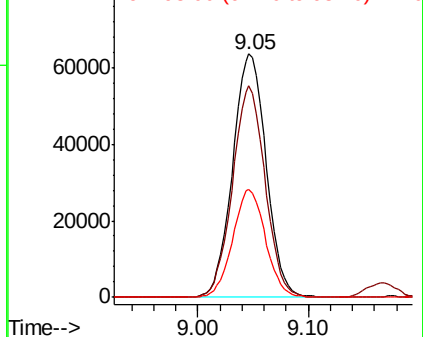
#39
Methylvlcyclohexane
Concen: 49.916 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 134137
Ion Ratio Lower Upper
83 100
55 86.8 68.9 103.3
98 44.5 35.1 52.7

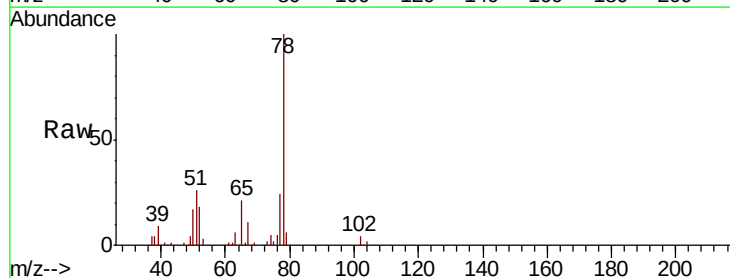


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

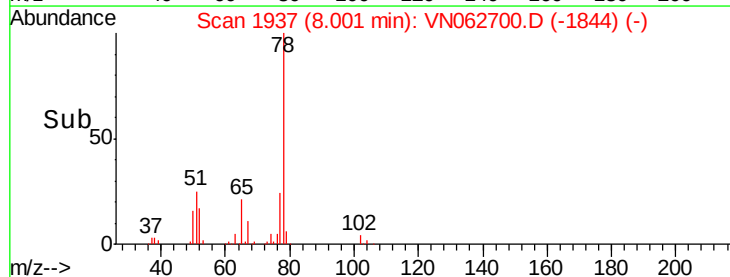
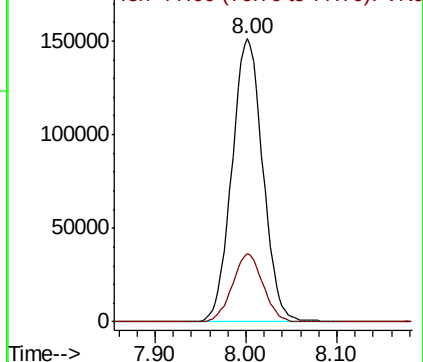


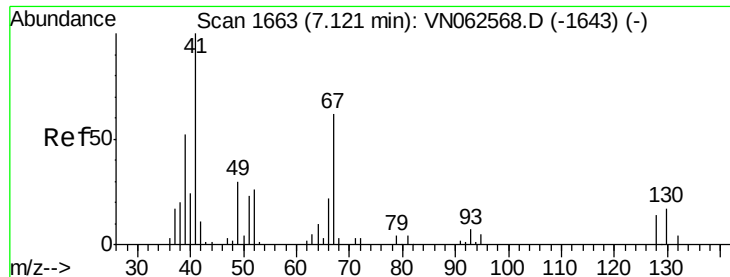
#40
Benzene
Concen: 47.292 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Tgt Ion: 78 Resp: 357423
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1



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

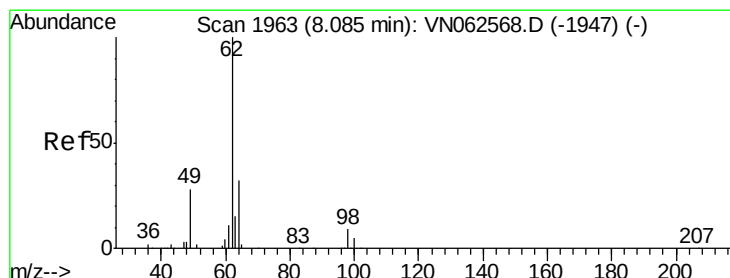
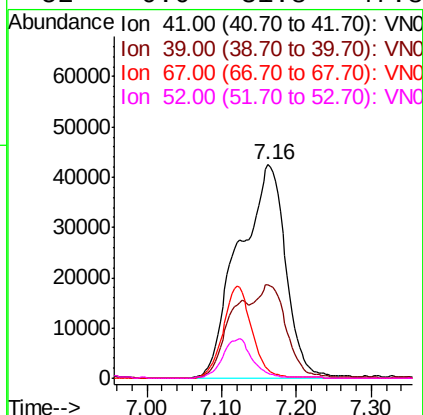
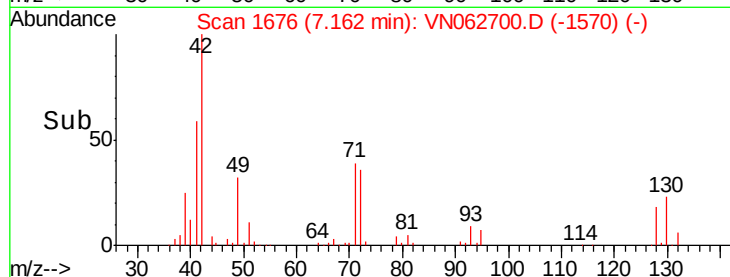
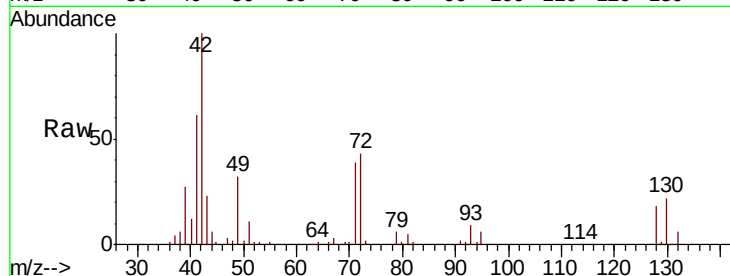




#41
Methacrylonitrile
Concen: 160.344 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

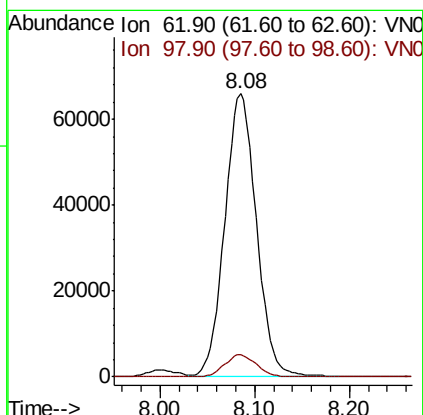
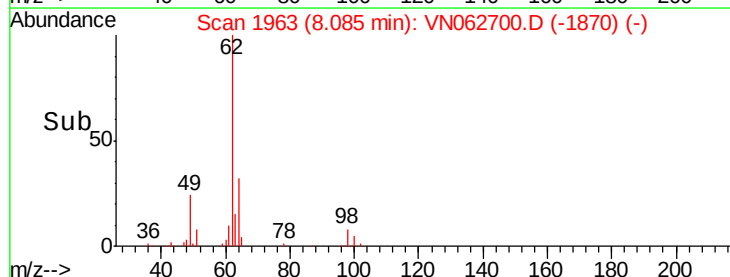
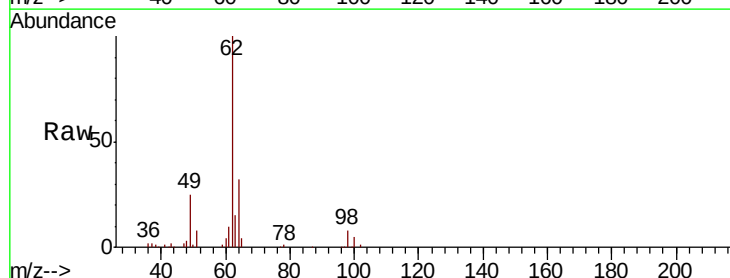
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

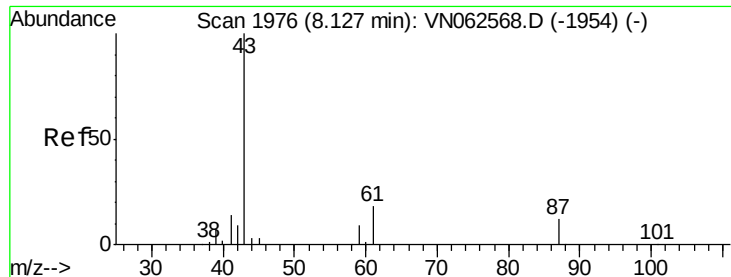
Tot Ion: 41 Resp: 184925
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 72.5 108.7#
52 0.0 31.8 47.8#



#42
1,2-Dichloroethane
Concen: 55.135 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Tgt Ion: 62 Resp: 152340
Ion Ratio Lower Upper
62 100
98 7.7 0.0 16.2





#43

Isopropyl Acetate

Concen: 49.796 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

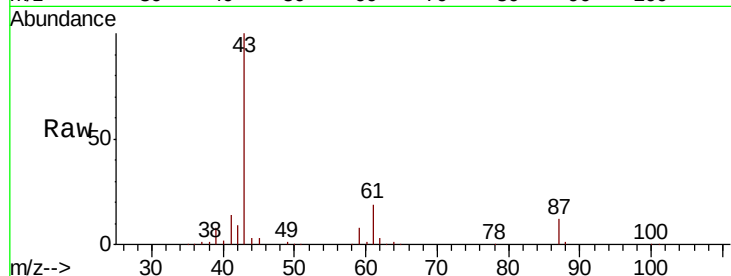
Tot Ion: 43 Resp: 216018

Ion Ratio Lower Upper

43 100

61 19.2 20.8 31.2#

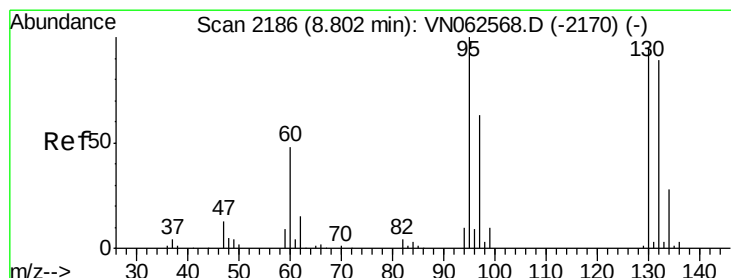
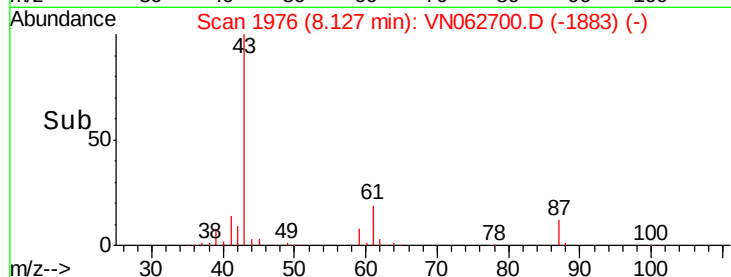
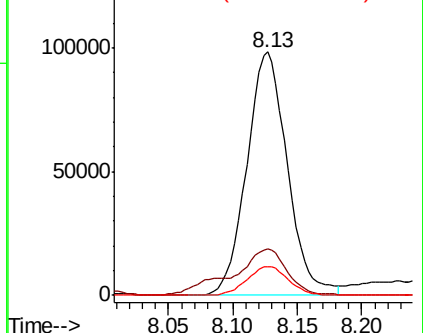
87 12.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062700.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062700.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062700.D (-1883) (-)



#44

Trichloroethene

Concen: 50.190 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062700.D

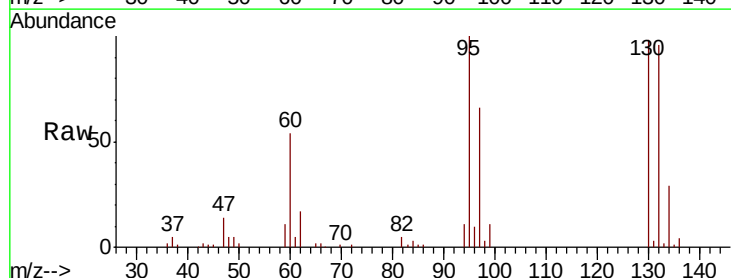
Acq: 31 Jul 2020 21:33

Tgt Ion:130 Resp: 85542

Ion Ratio Lower Upper

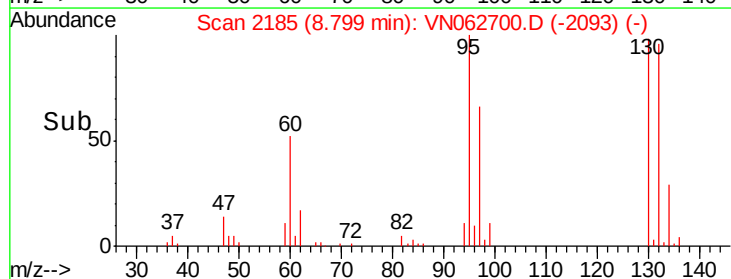
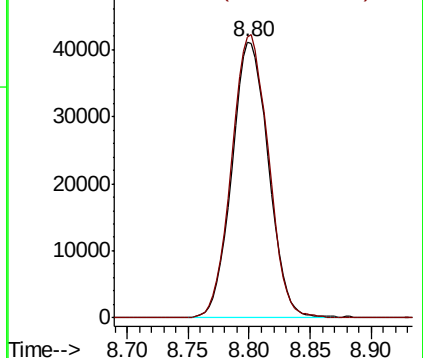
130 100

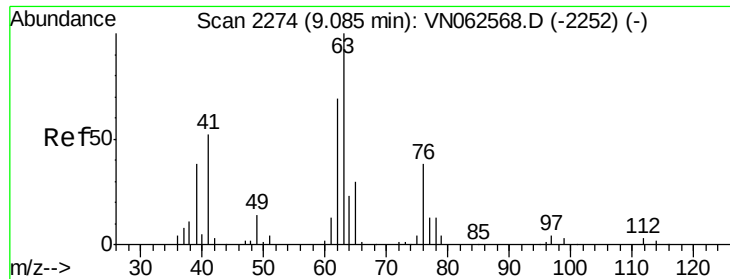
95 101.9 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062700.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062700.D (-2093) (-)

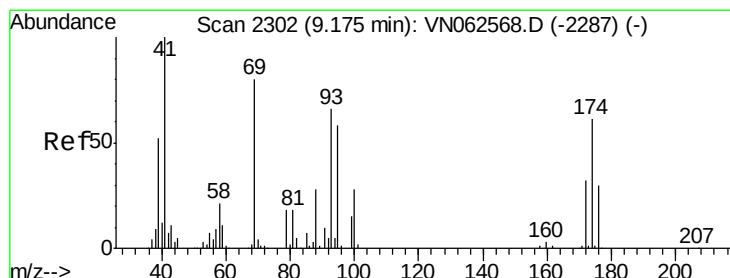
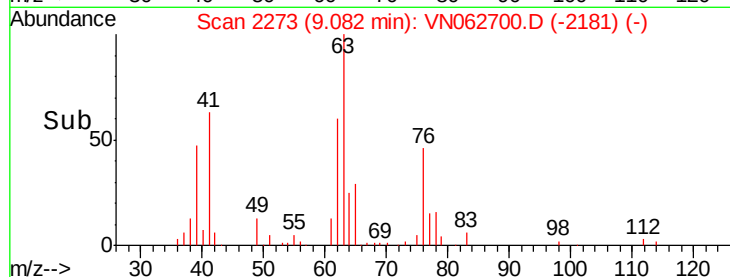
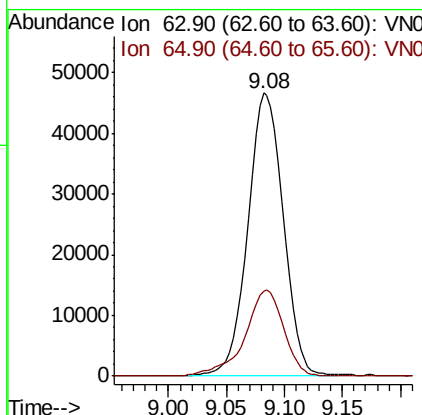
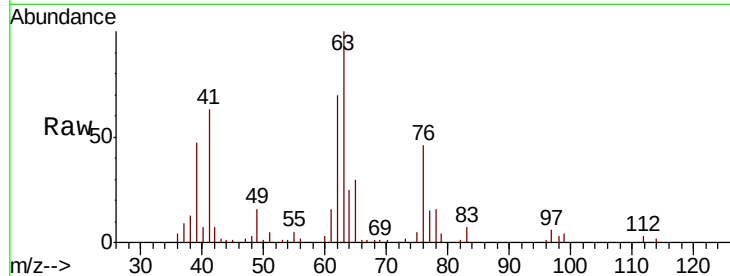




#45
 1,2-Dichloropropane
 Concen: 46.917 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

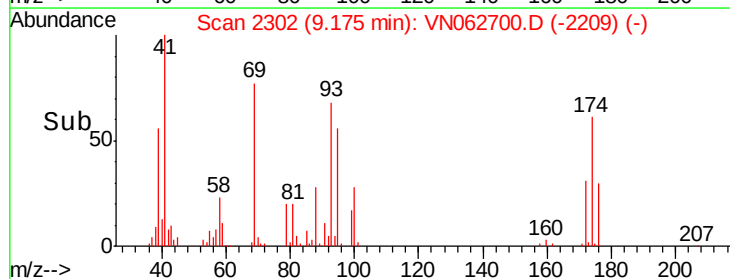
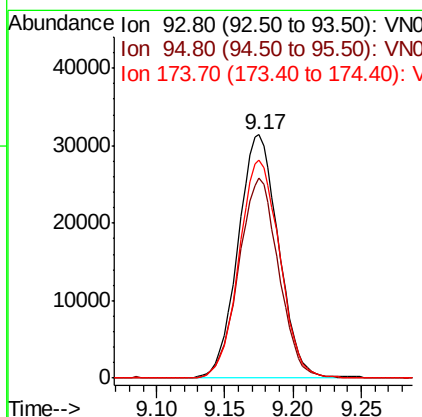
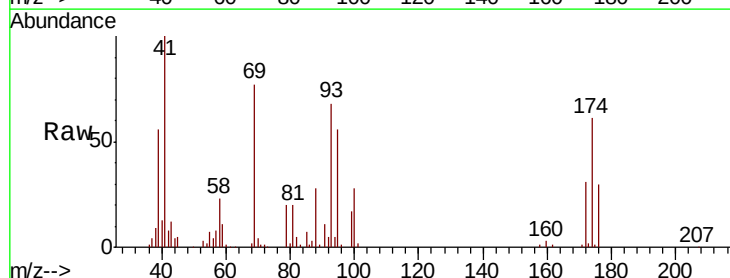
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

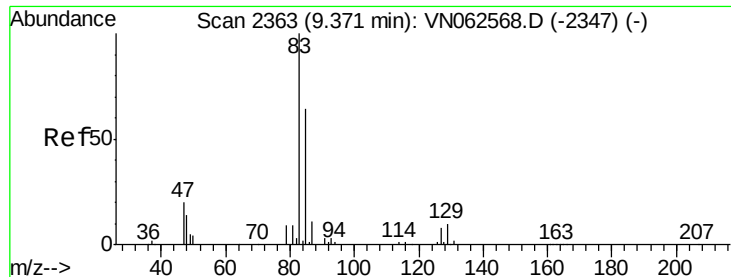
Tot Ion: 63 Resp: 99557
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.4 36.6



#46
 Dibromomethane
 Concen: 52.710 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion: 93 Resp: 64646
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.6 101.4
 174 89.9 72.5 108.7





#47

Bromodichloromethane

Concen: 53.010 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

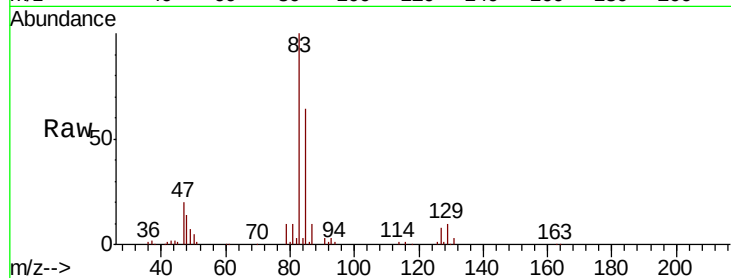
Tot Ion: 83 Resp: 140850

Ion Ratio Lower Upper

83 100

85 64.0 51.6 77.4

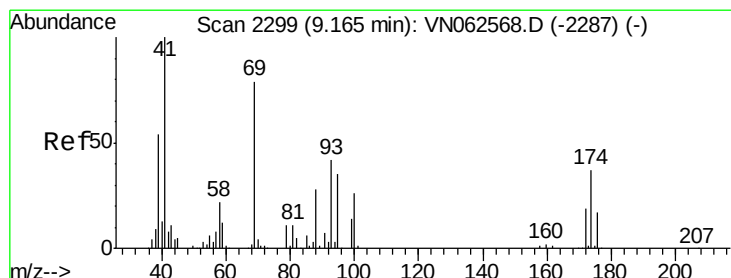
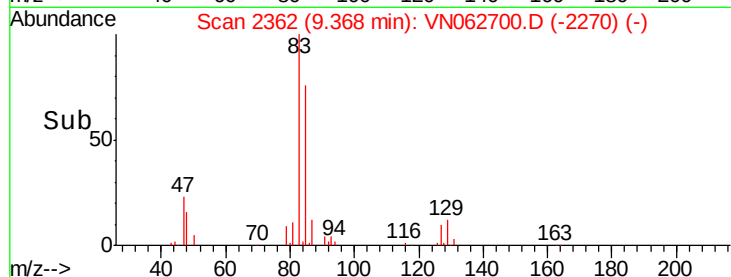
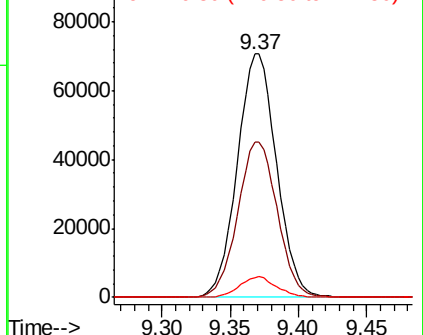
127 8.3 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062700.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062700.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062700.D (-2270) (-)



#48

Methyl methacrylate

Concen: 51.482 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

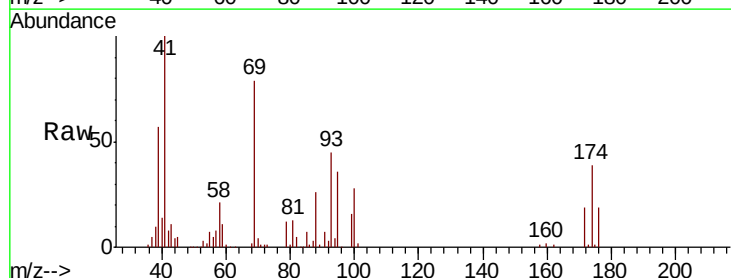
Tgt Ion: 41 Resp: 106164

Ion Ratio Lower Upper

41 100

69 80.3 64.4 96.6

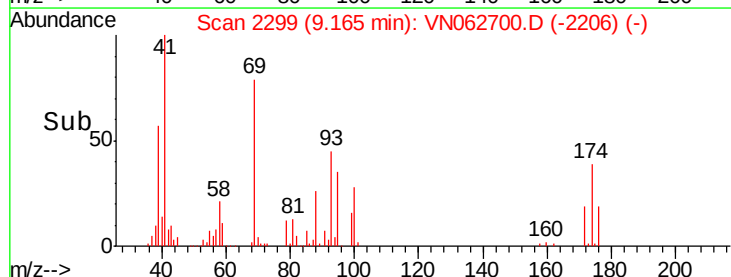
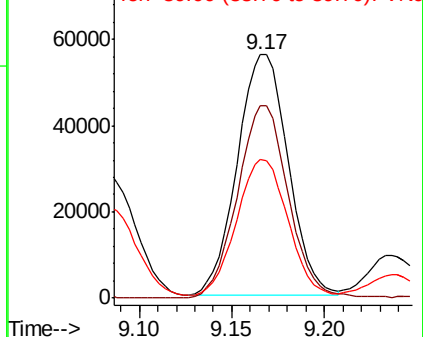
39 59.3 43.5 65.3

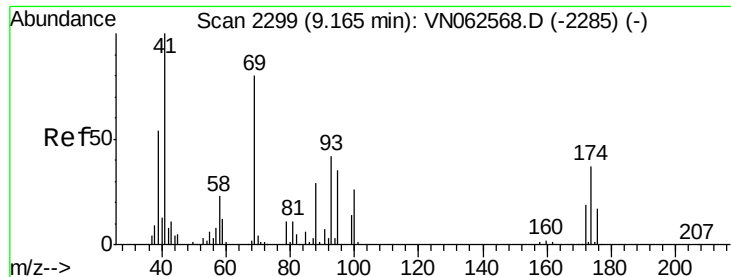


Abundance Ion 41.00 (40.70 to 41.70): VN062700.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062700.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062700.D (-2206) (-)





#49

1,4-Dioxane

Concen: 968.095 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

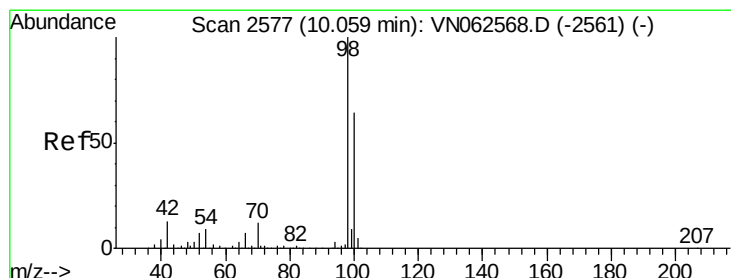
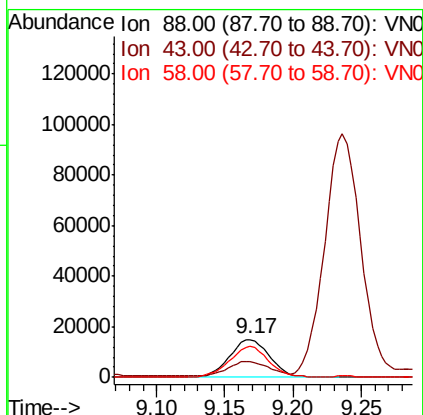
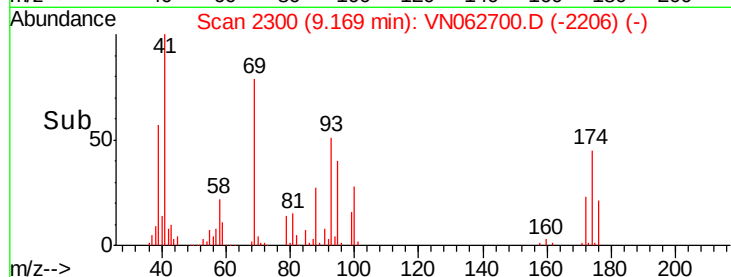
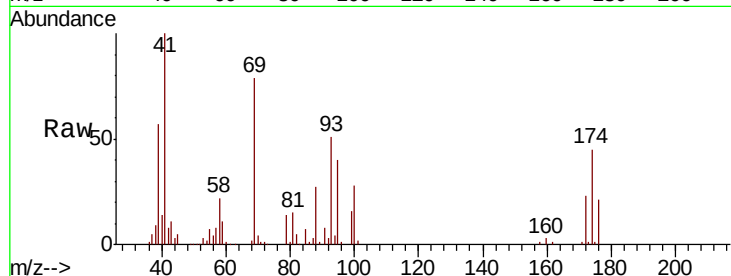
Tot Ion: 88 Resp: 30662

Ion Ratio Lower Upper

88 100

43 38.9 32.0 48.0

58 80.4 62.8 94.2



#50

Toluene-d8

Concen: 51.928 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062700.D

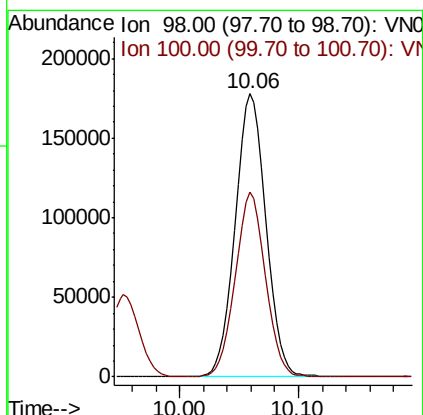
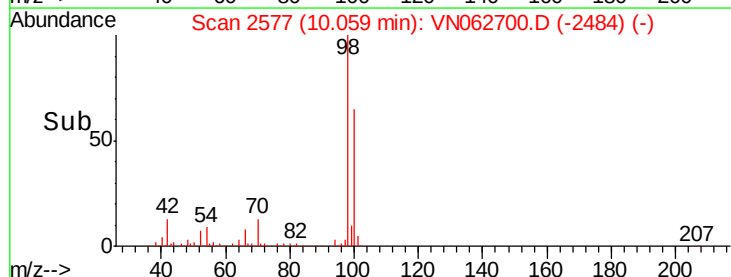
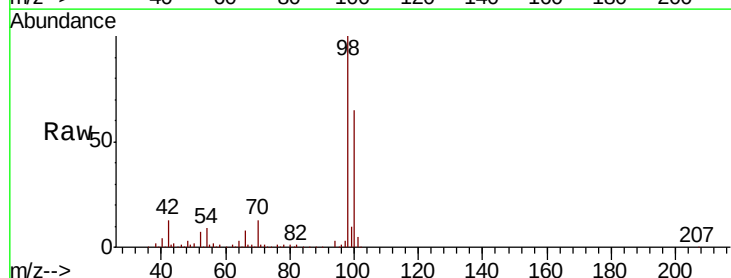
Acq: 31 Jul 2020 21:33

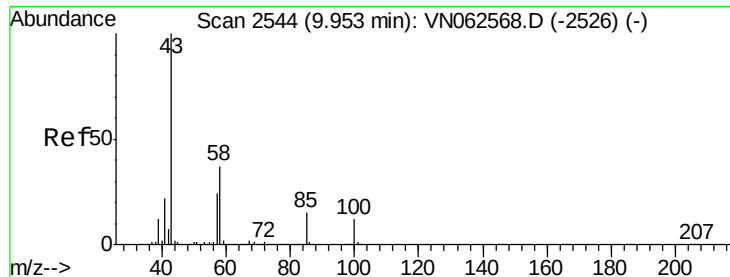
Tgt Ion: 98 Resp: 318739

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

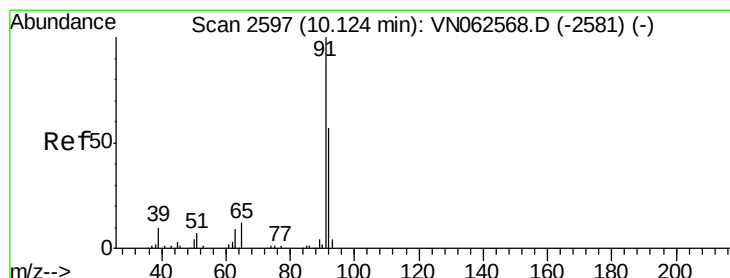
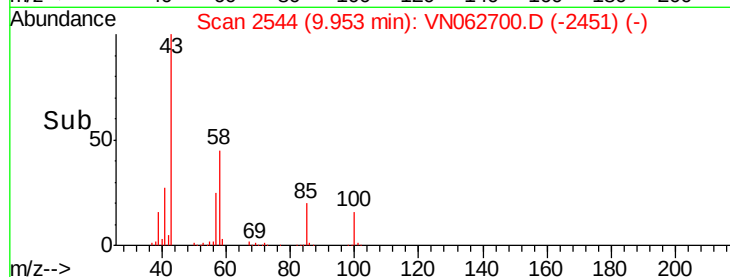
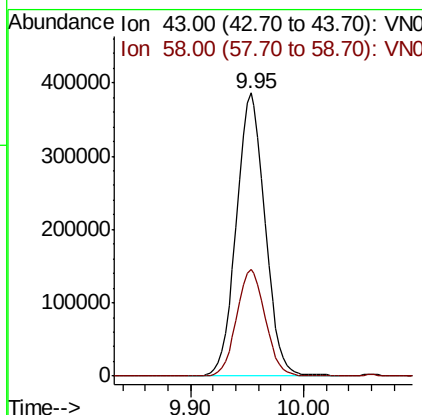
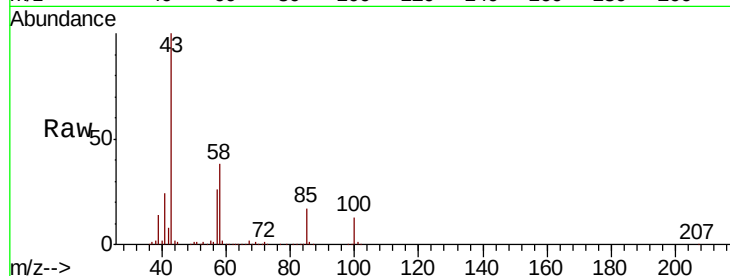




#51
 4-Methyl-2-Pentanone
 Concen: 261.846 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

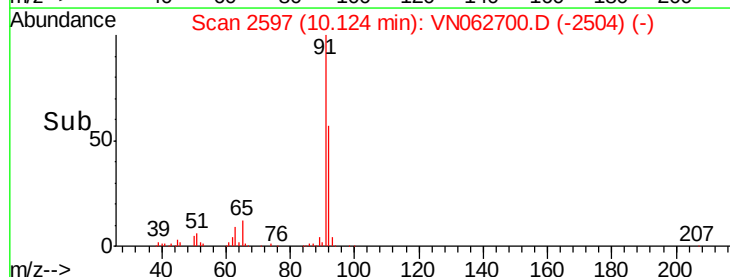
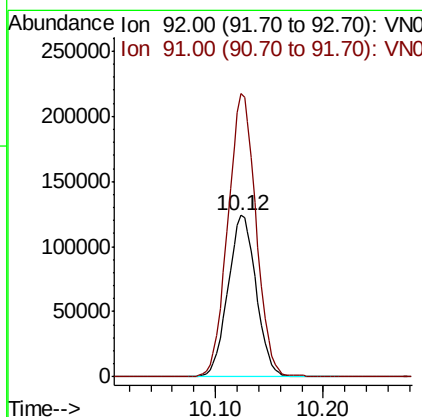
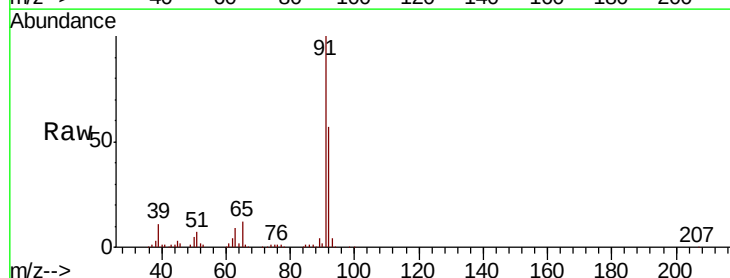
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

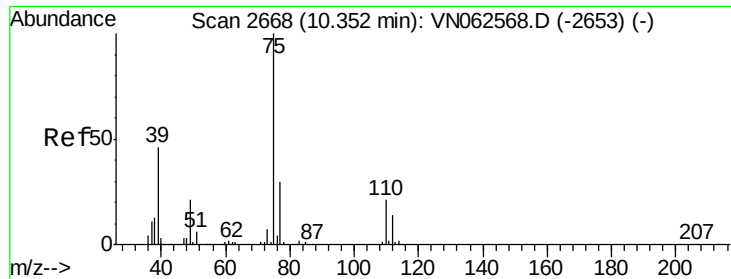
Tot Ion: 43 Resp: 679657
 Ion Ratio Lower Upper
 43 100
 58 37.9 29.8 44.6



#52
 Toluene
 Concen: 51.470 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion: 92 Resp: 225879
 Ion Ratio Lower Upper
 92 100
 91 175.5 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 53.192 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

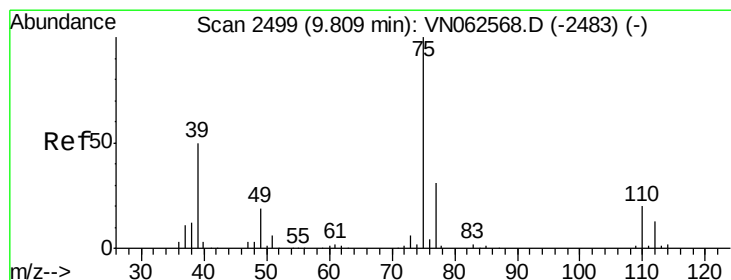
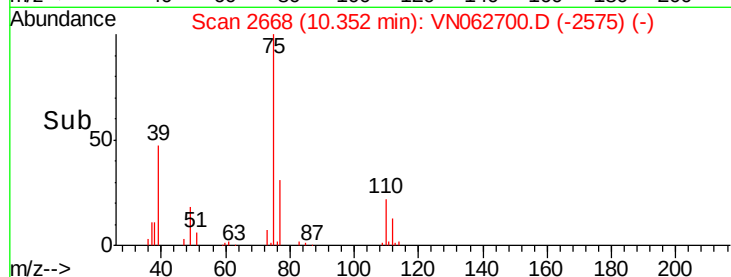
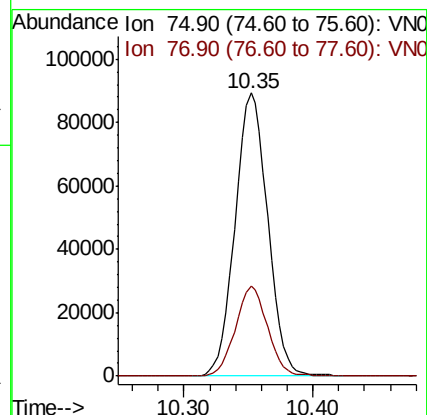
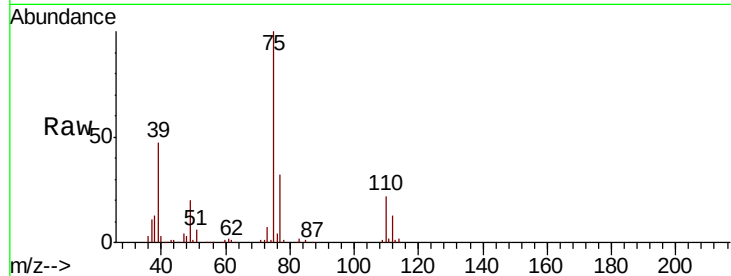
VSTDCCC050

Tot Ion: 75 Resp: 157336

Ion Ratio Lower Upper

75 100

77 31.7 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 50.520 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

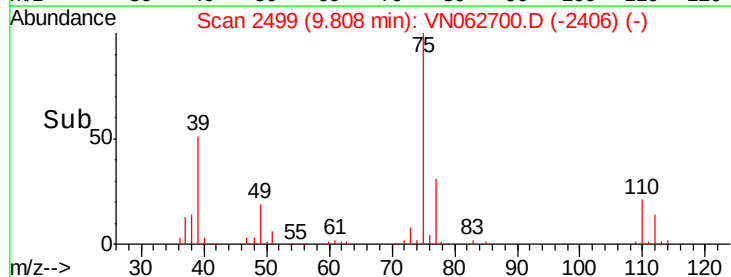
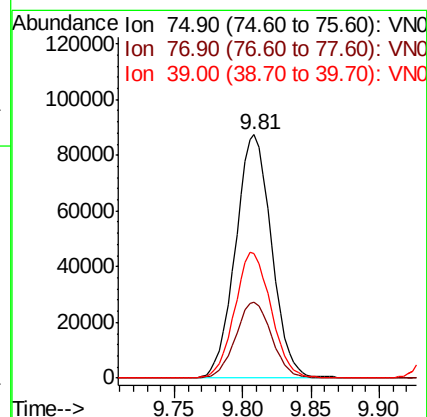
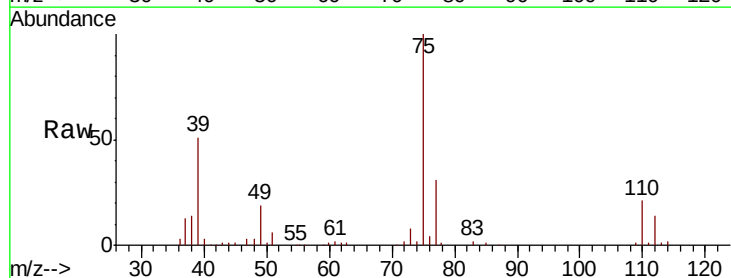
Tgt Ion: 75 Resp: 160346

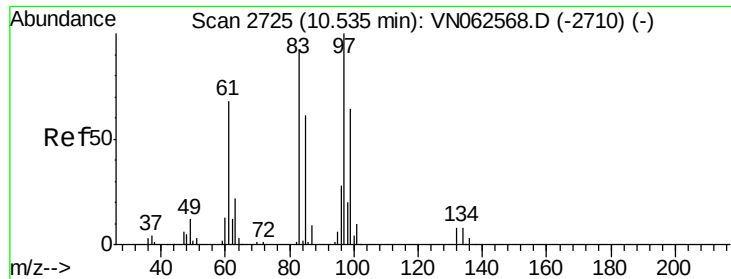
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 51.0 39.8 59.8

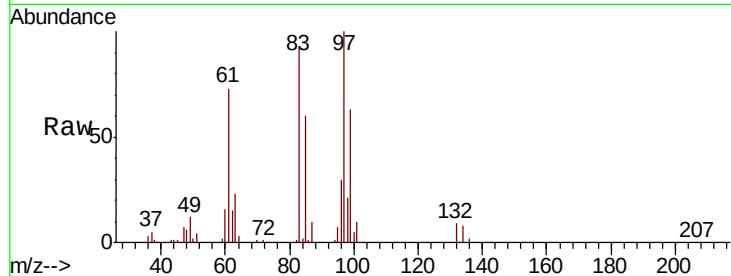




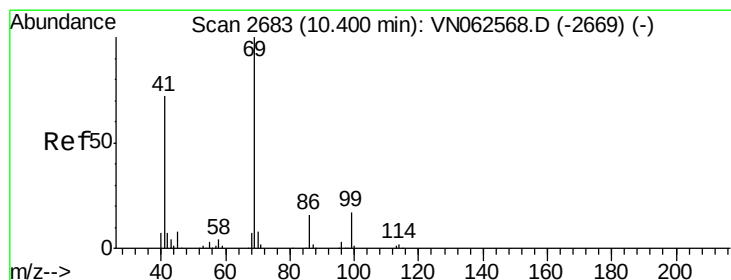
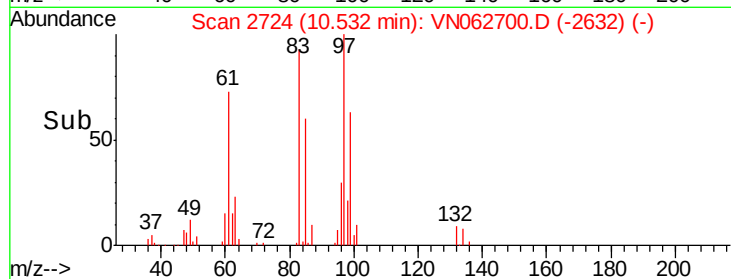
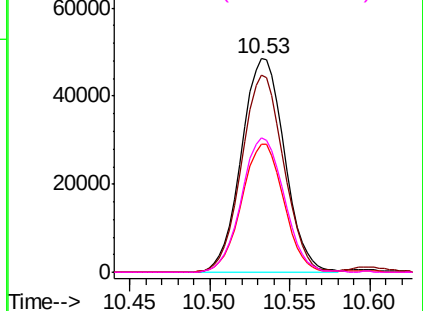
#55
 1,1,2-Trichloroethane
 Concen: 52.547 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	89449
Ion	Ratio	Lower	Upper
97	100		
83	92.6	73.7	110.5
85	60.0	48.5	72.7
99	62.7	50.8	76.2

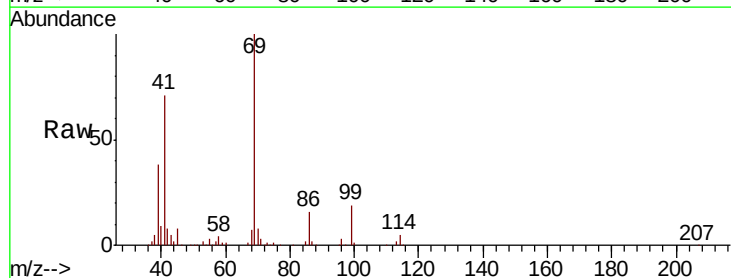


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

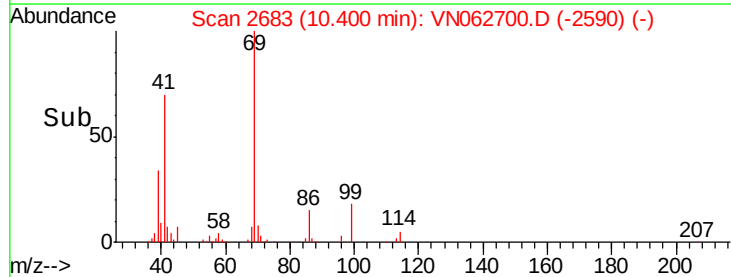
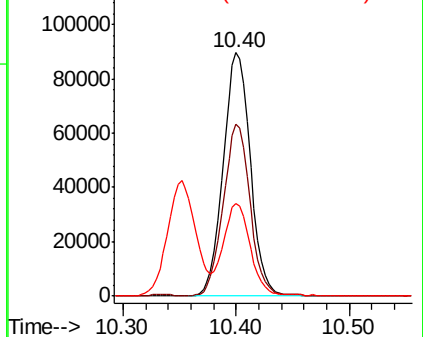


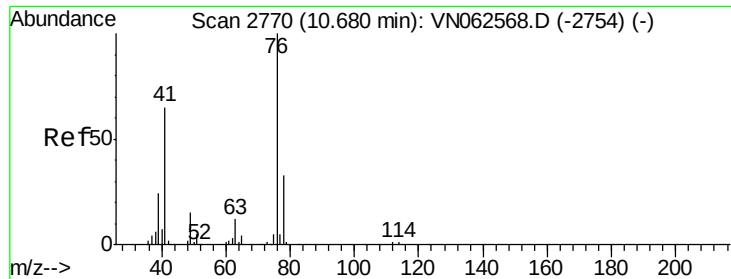
#56
 Ethyl methacrylate
 Concen: 49.128 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion:	69	Resp:	150067
Ion	Ratio	Lower	Upper
69	100		
41	69.2	57.2	85.8
39	38.0	28.6	43.0



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 51.818 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

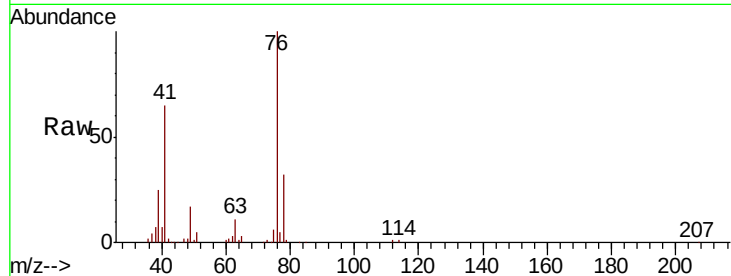
VSTDCCC050

Tot Ion: 76 Resp: 161598

Ion Ratio Lower Upper

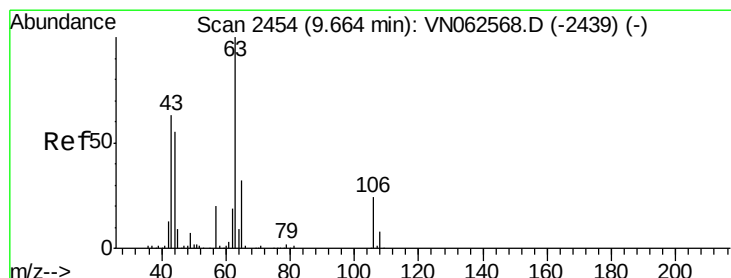
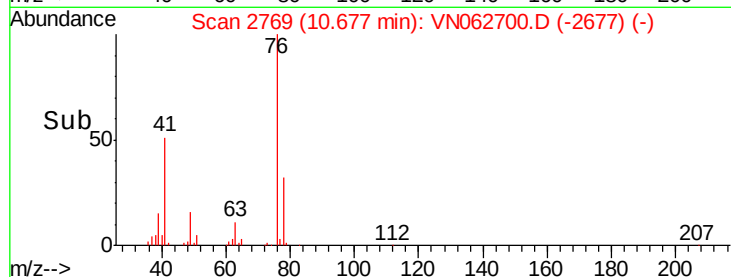
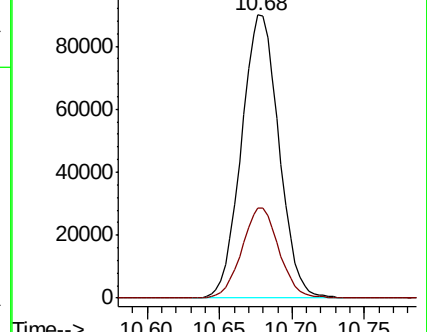
76 100

78 31.7 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN062568.D (-2754) (-)

Ion 77.90 (77.60 to 78.60): VN062568.D (-2754) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 251.557 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062700.D

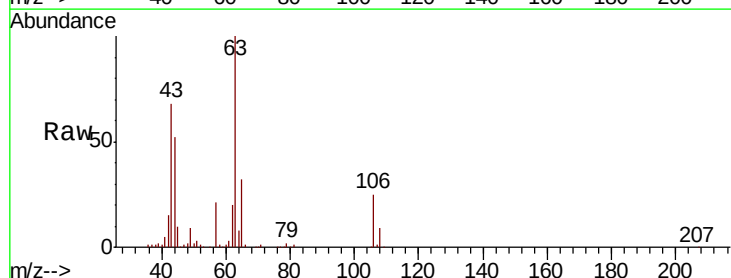
Acq: 31 Jul 2020 21:33

Tgt Ion: 63 Resp: 231828

Ion Ratio Lower Upper

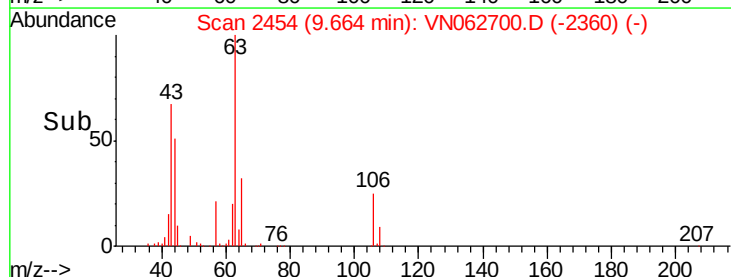
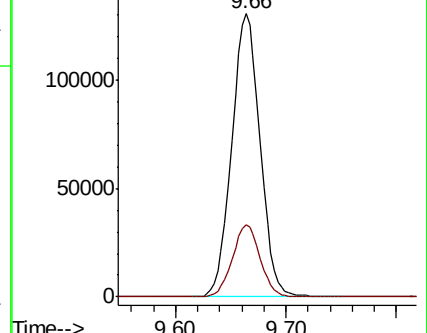
63 100

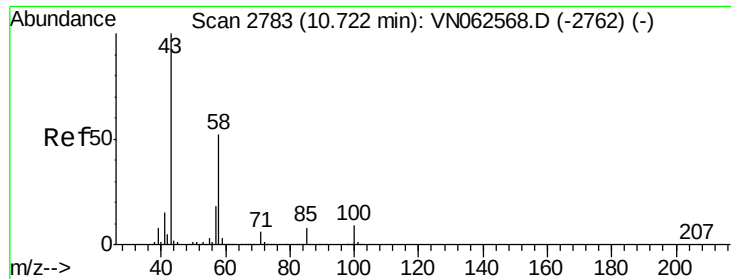
106 24.9 18.9 28.3



Abundance Ion 62.90 (62.60 to 63.60): VN062568.D (-2439) (-)

Ion 105.90 (105.60 to 106.60): VN062568.D (-2439) (-)

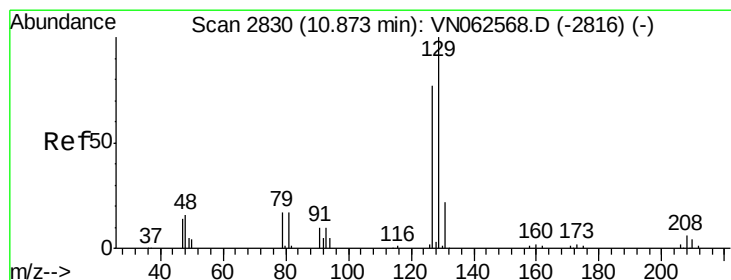
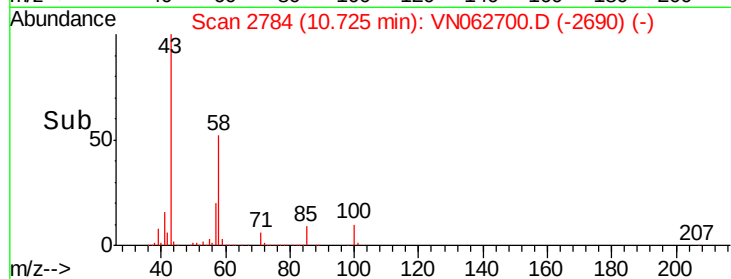
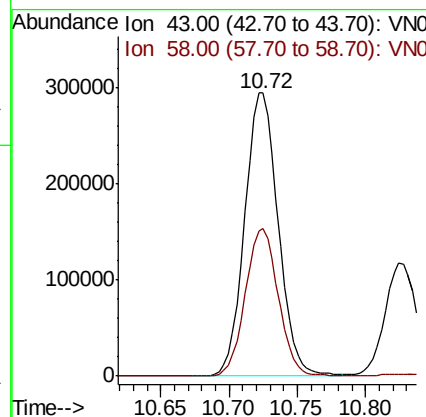
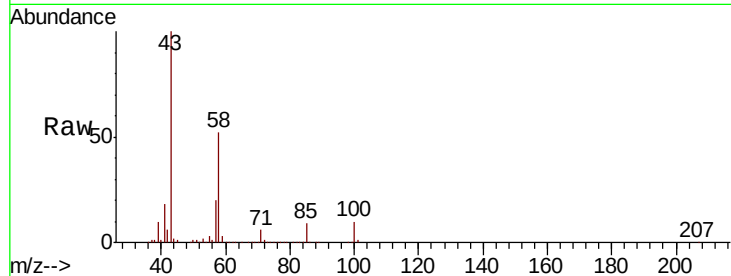




#59
2-Hexanone
Concen: 249.789 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

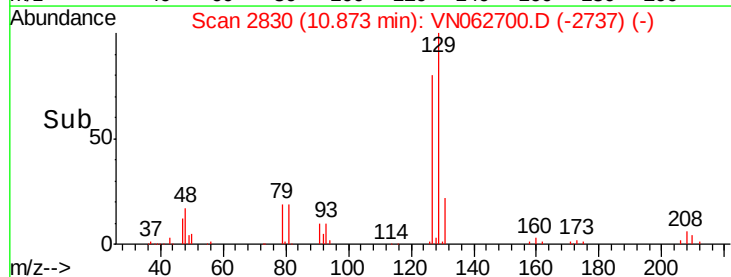
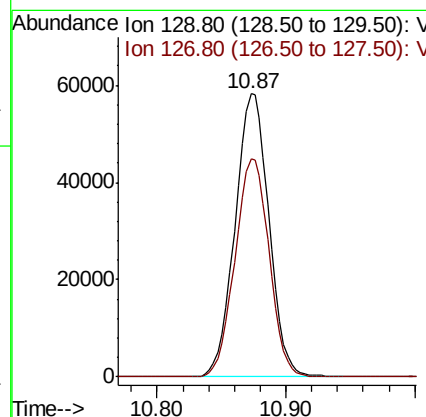
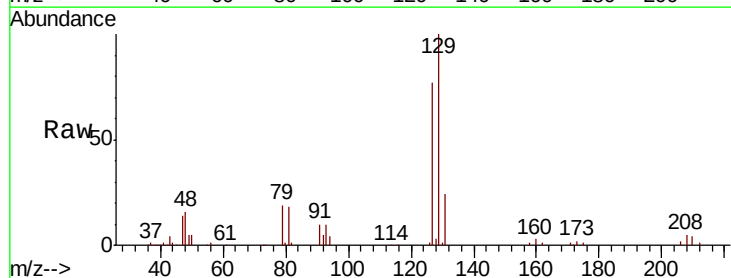
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

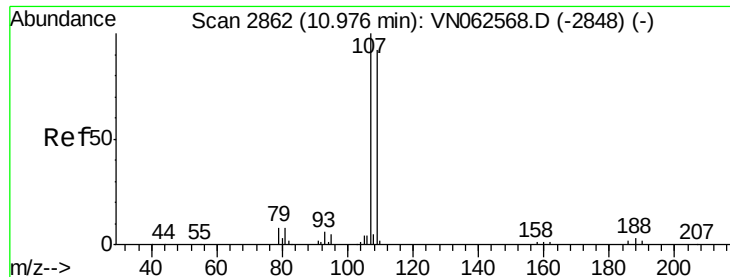
Tot Ion: 43 Resp: 501417
Ion Ratio Lower Upper
43 100
58 51.5 26.0 78.0



#60
Dibromochloromethane
Concen: 55.838 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Tgt Ion:129 Resp: 106039
Ion Ratio Lower Upper
129 100
127 77.7 38.0 113.9

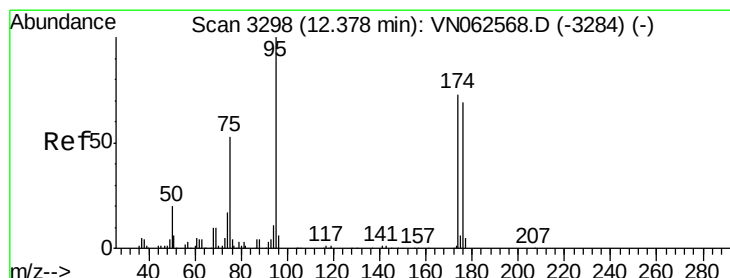
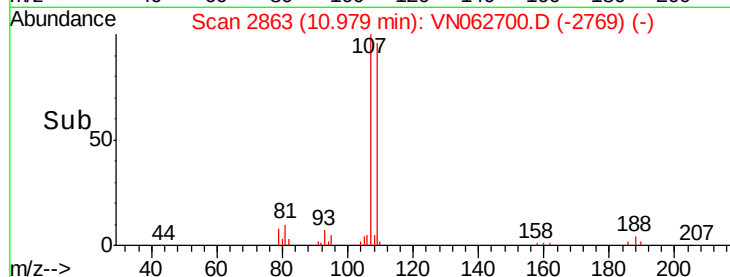
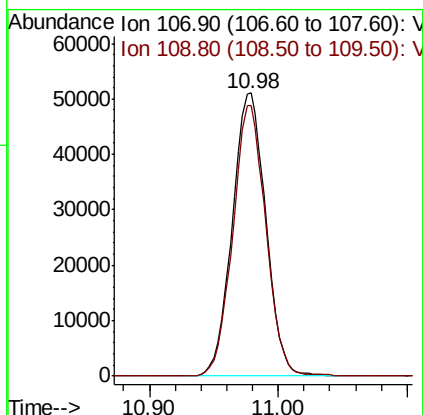
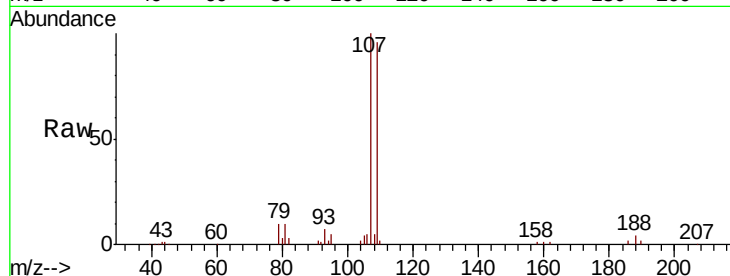




#61
 1,2-Dibromoethane
 Concen: 51.966 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

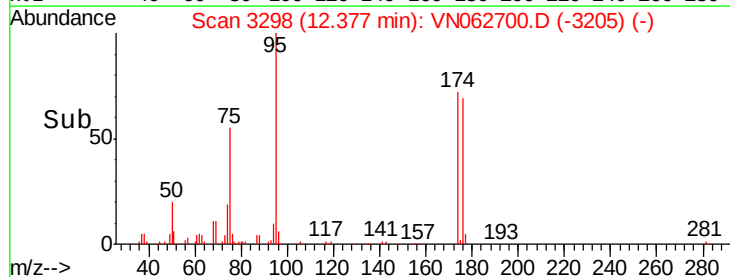
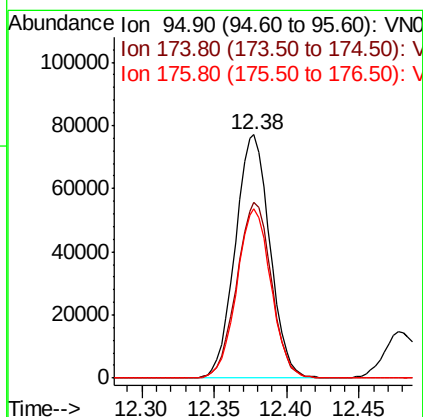
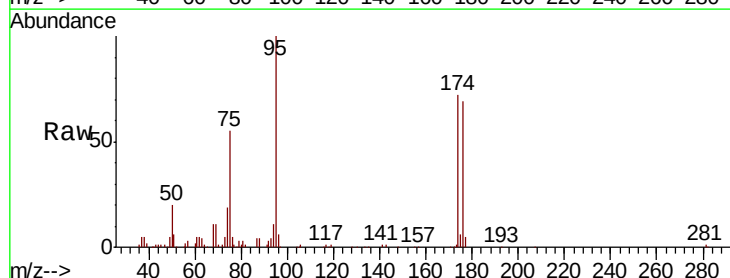
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

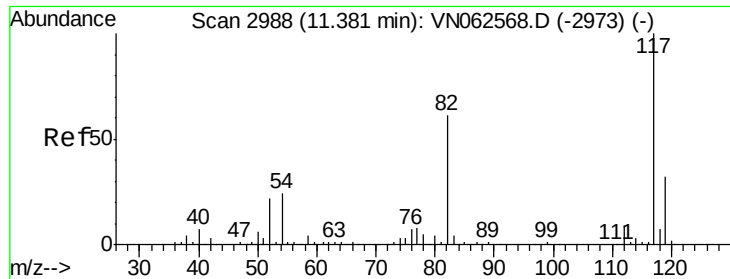
Tot Ion:107 Resp: 92113
 Ion Ratio Lower Upper
 107 100
 109 93.8 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 56.918 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion: 95 Resp: 127745
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 144.6
 176 68.9 0.0 139.4

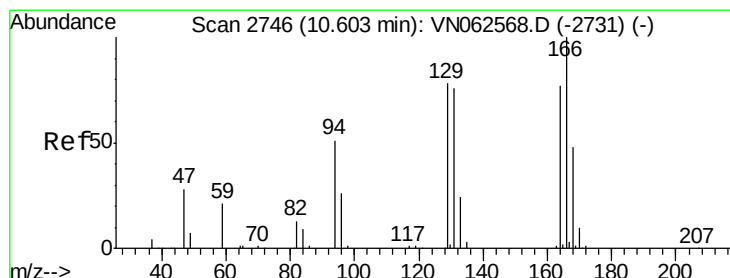
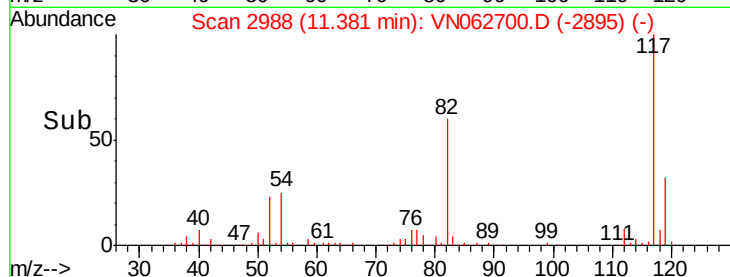
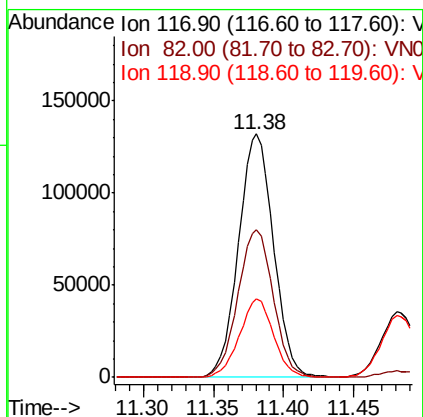
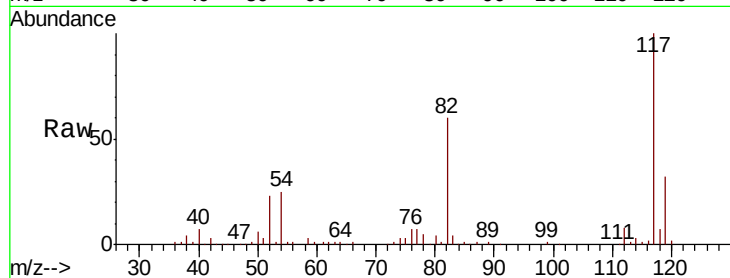




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

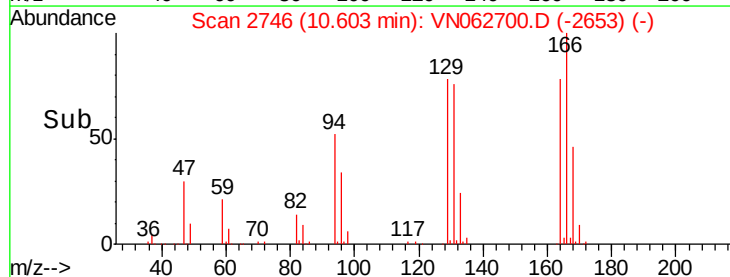
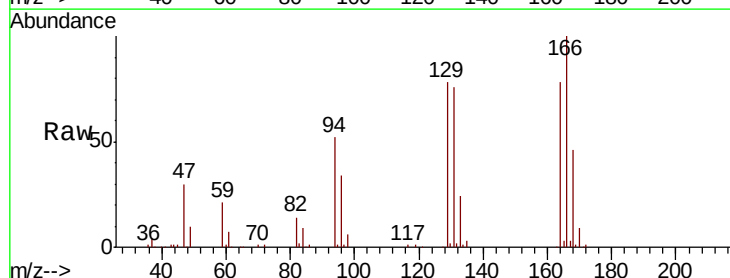
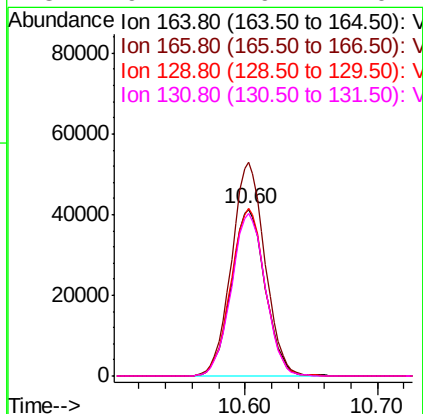
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

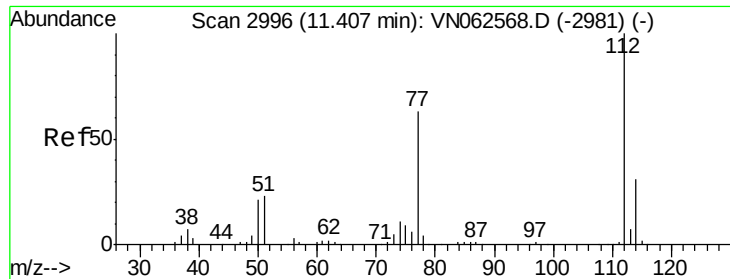
Tot Ion:117 Resp: 229897
Ion Ratio Lower Upper
117 100
82 60.5 49.0 73.6
119 32.5 25.4 38.2



#64
Tetrachloroethene
Concen: 49.207 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Tgt Ion:164 Resp: 73500
Ion Ratio Lower Upper
164 100
166 127.9 104.4 156.6
129 100.3 81.0 121.4
131 97.1 79.4 119.2

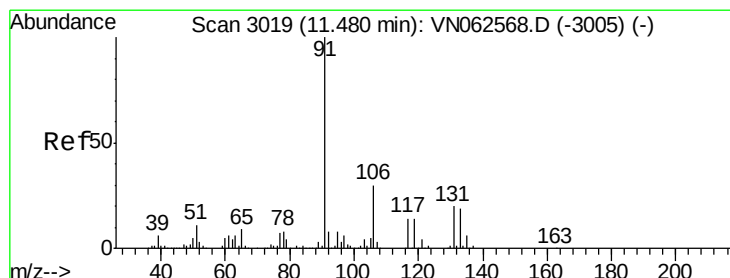
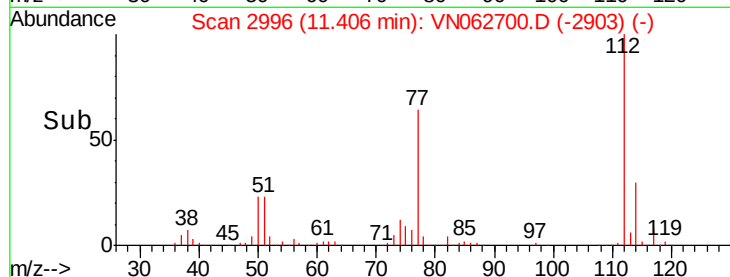
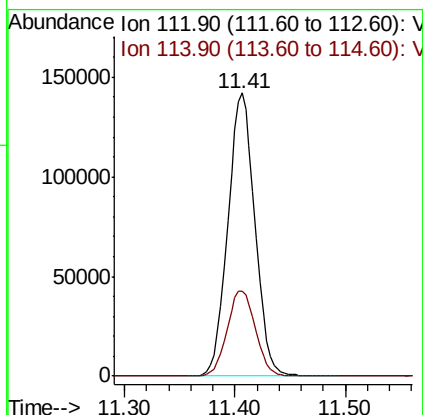
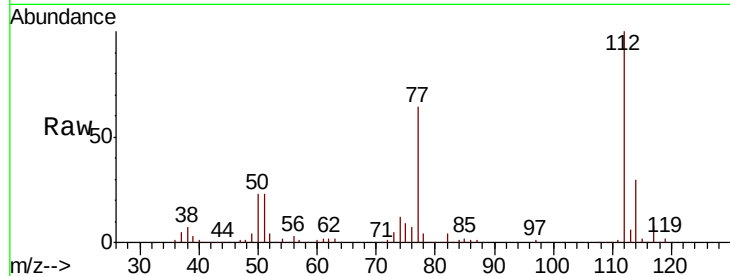




#65
Chlorobenzene
Concen: 49.933 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

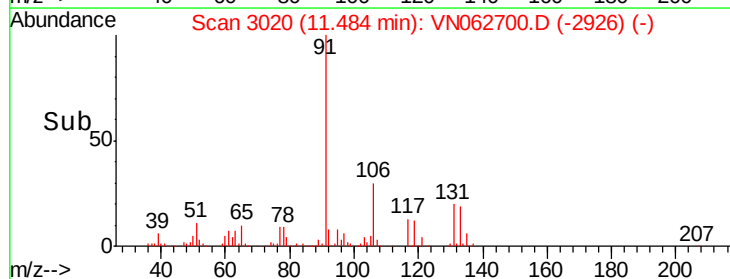
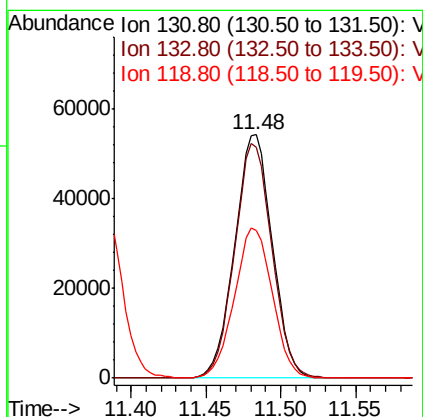
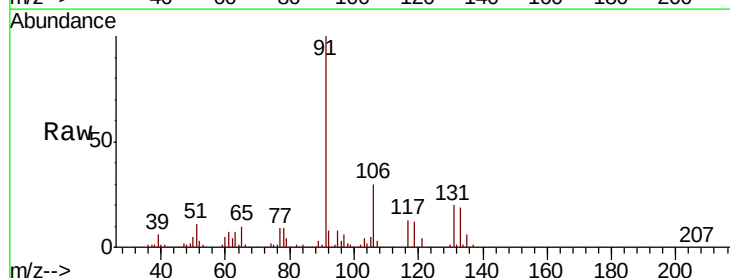
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

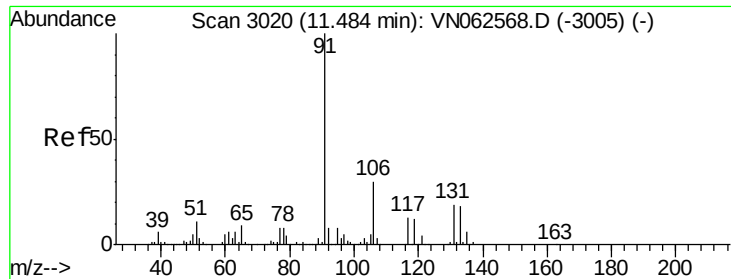
Tot Ion:112 Resp: 240657
Ion Ratio Lower Upper
112 100
114 30.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.402 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Tgt Ion:131 Resp: 95011
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 62.3 33.7 101.0

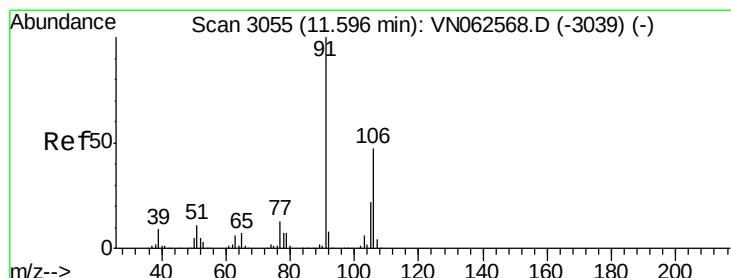
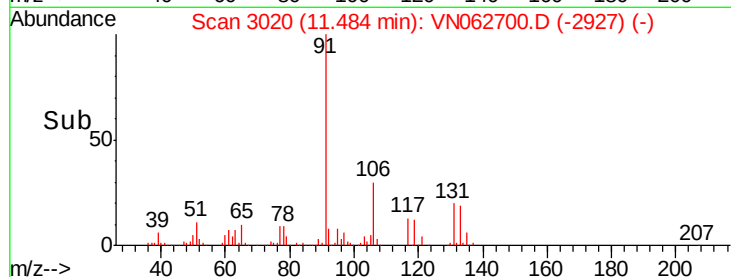
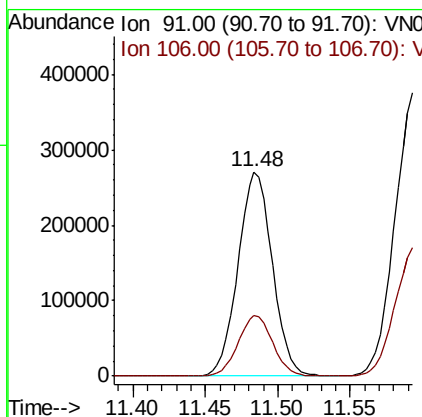
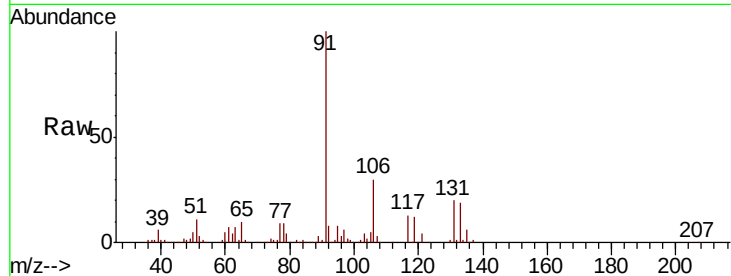




#67
Ethyl Benzene
Concen: 50.389 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

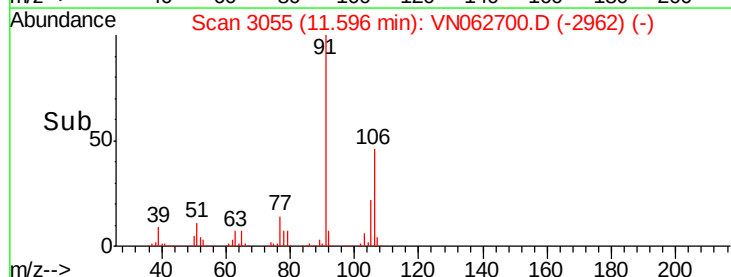
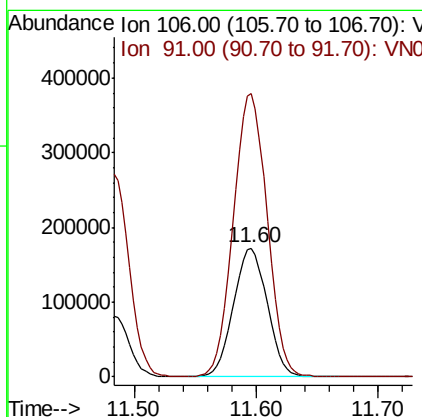
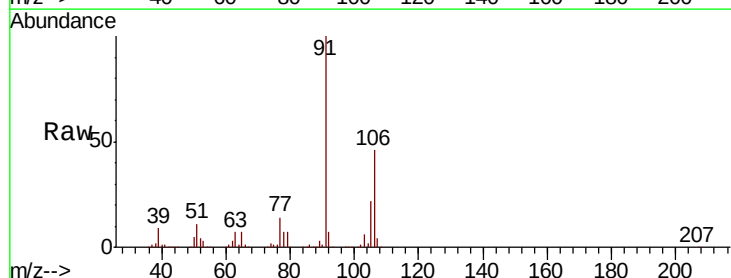
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

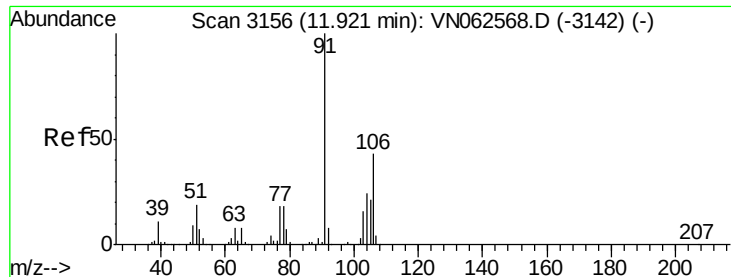
Tot Ion: 91 Resp: 445285
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#68
m/p-Xylenes
Concen: 104.113 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Tgt Ion: 106 Resp: 330687
Ion Ratio Lower Upper
106 100
91 219.2 171.4 257.2

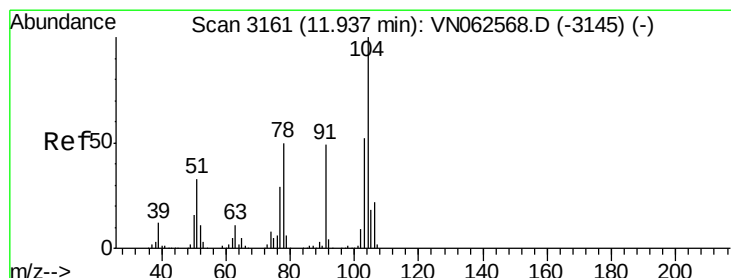
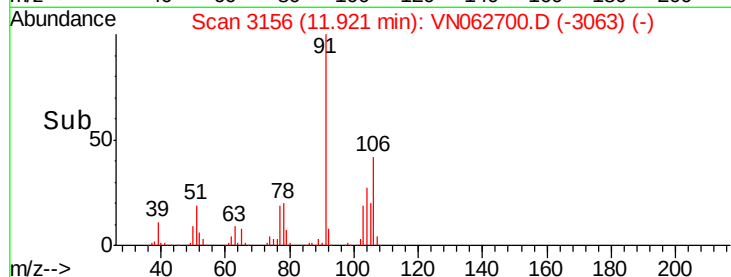
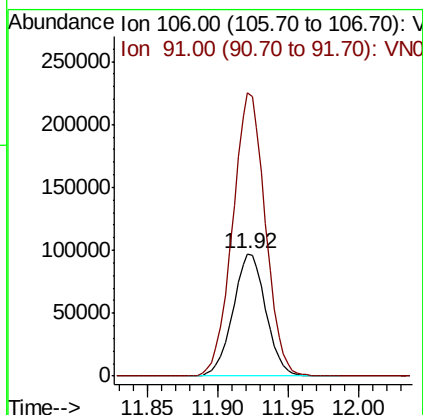
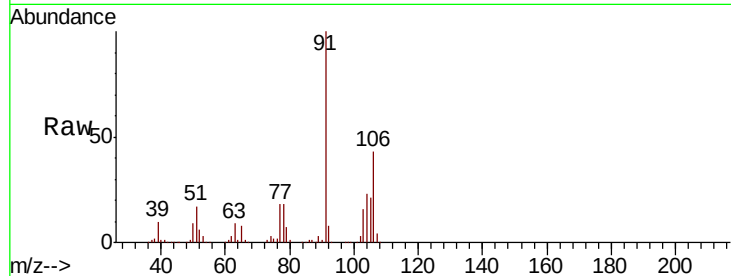




#69
o-Xylene
Concen: 52.352 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

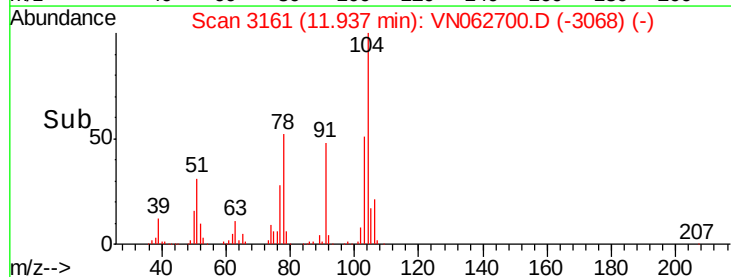
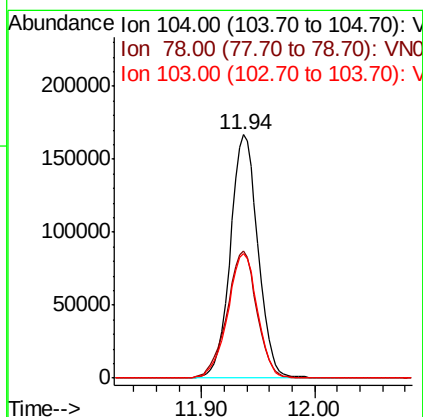
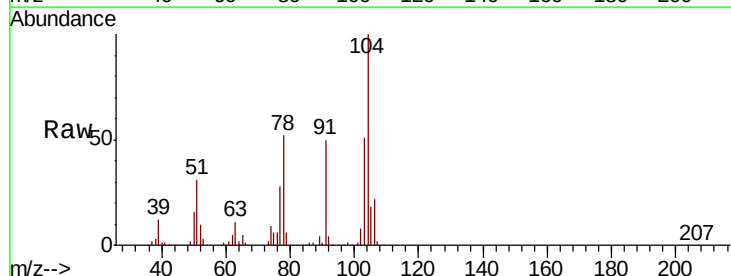
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

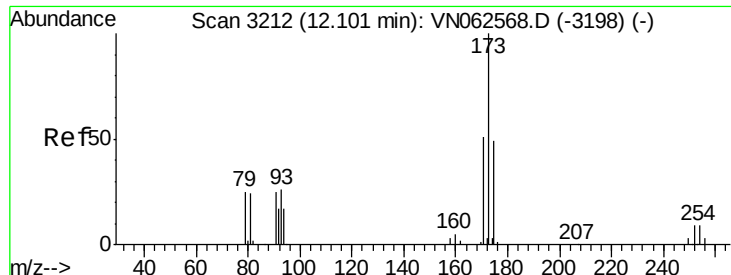
Tot Ion:106 Resp: 157900
Ion Ratio Lower Upper
106 100
91 231.8 113.8 341.2



#70
Styrene
Concen: 55.700 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Tgt Ion:104 Resp: 283791
Ion Ratio Lower Upper
104 100
78 56.6 43.8 65.6
103 55.2 44.0 66.0





#71

Bromoform

Concen: 55.207 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

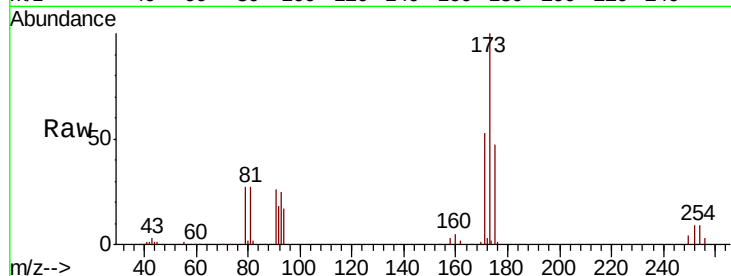
Tot Ion:173 Resp: 75156

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.2

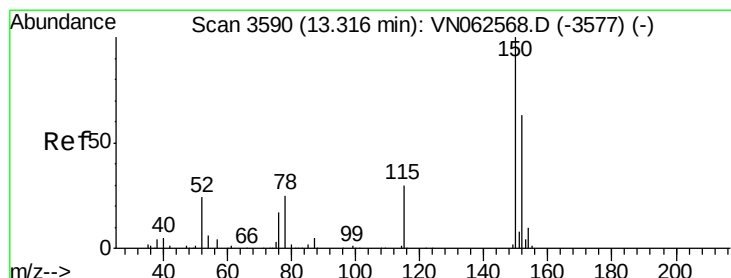
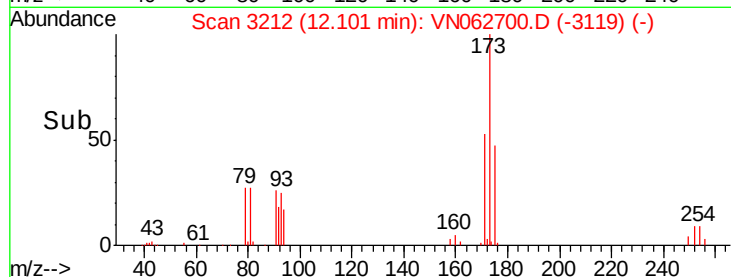
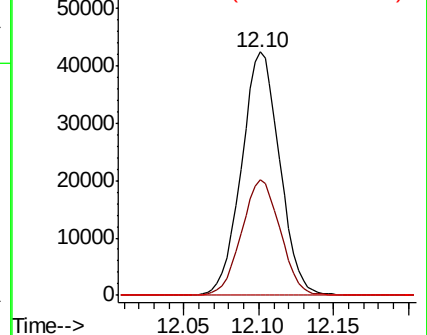
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

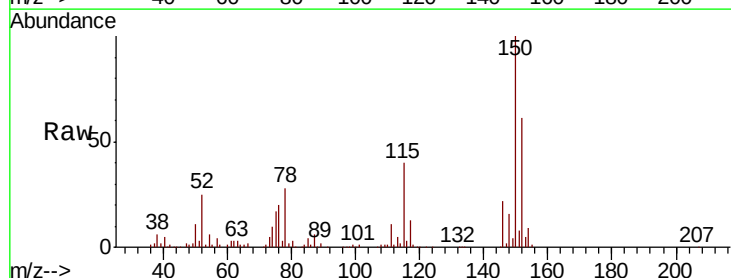
Tgt Ion:152 Resp: 111801

Ion Ratio Lower Upper

152 100

115 64.2 31.8 95.4

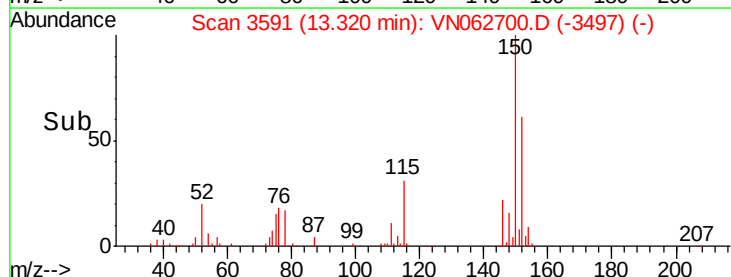
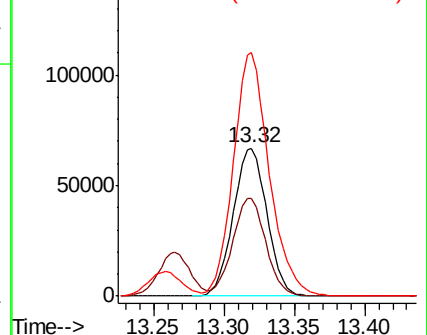
150 174.9 0.0 351.4

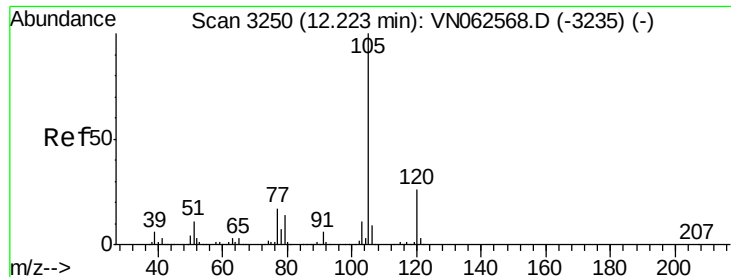


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.156 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

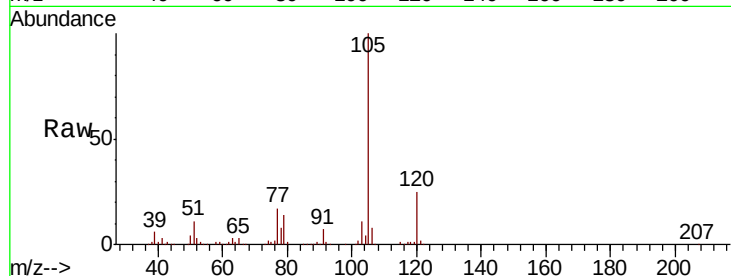
VSTDCCC050

Tot Ion:105 Resp: 443390

Ion Ratio Lower Upper

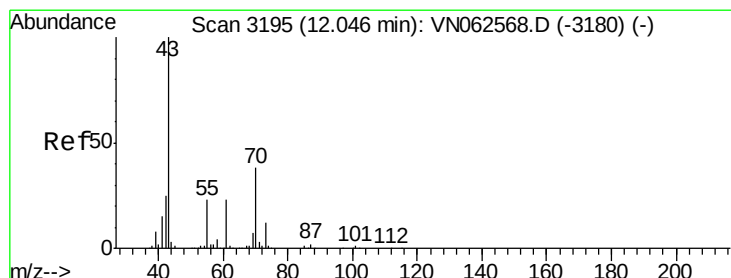
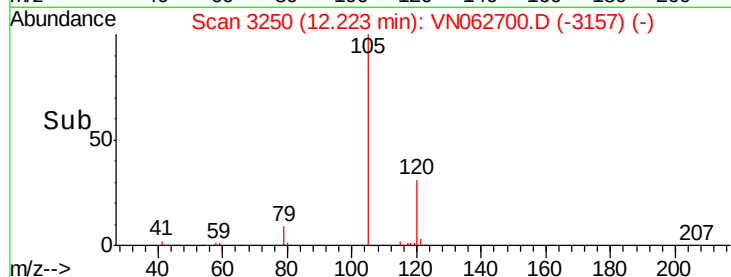
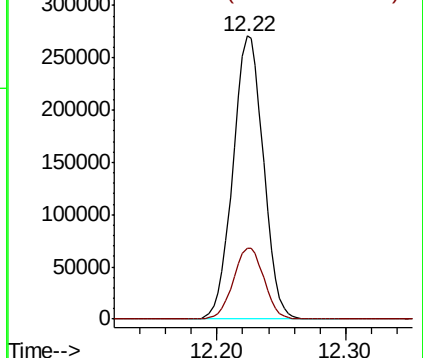
105 100

120 25.3 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: 49.004 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Tgt Ion: 43 Resp: 193465

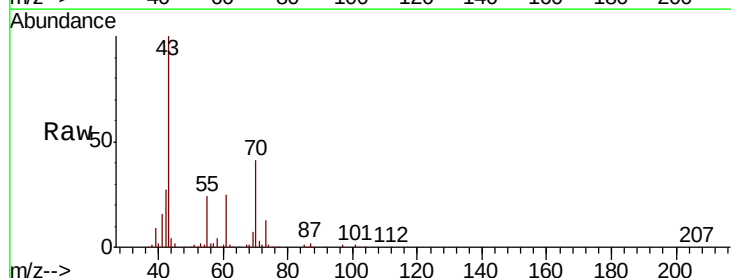
Ion Ratio Lower Upper

43 100

70 41.1 30.5 45.7

55 24.8 19.0 28.6

61 24.1 18.4 27.6

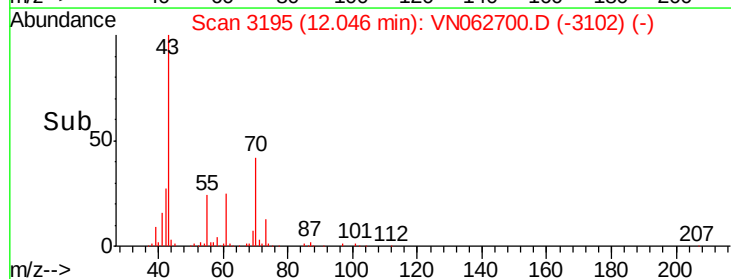
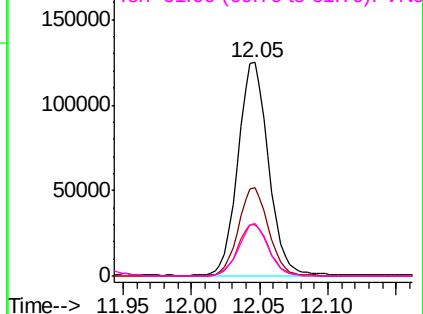


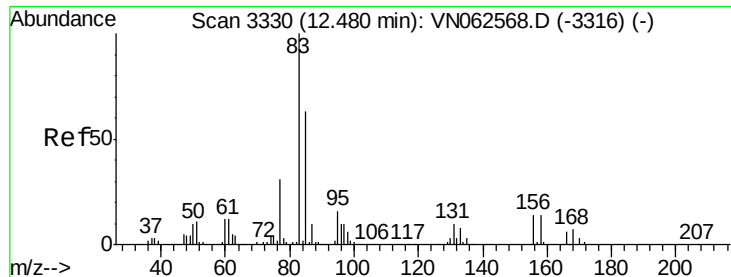
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.103 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

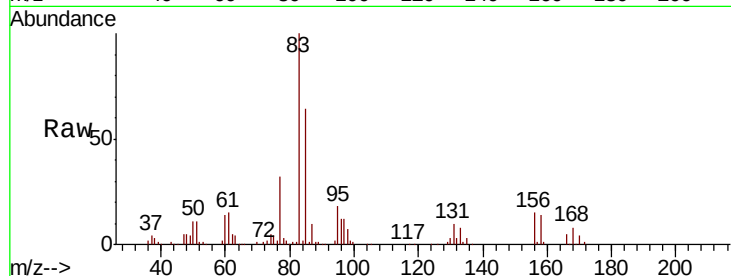
Tot Ion: 83 Resp: 141628

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.3

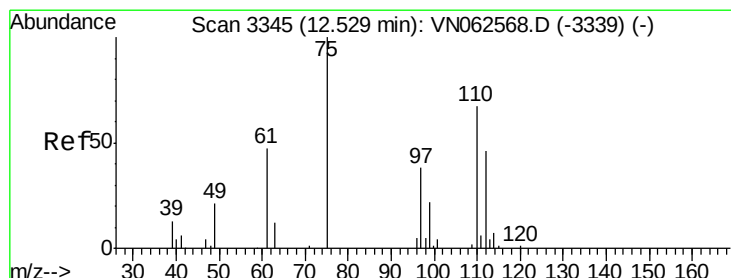
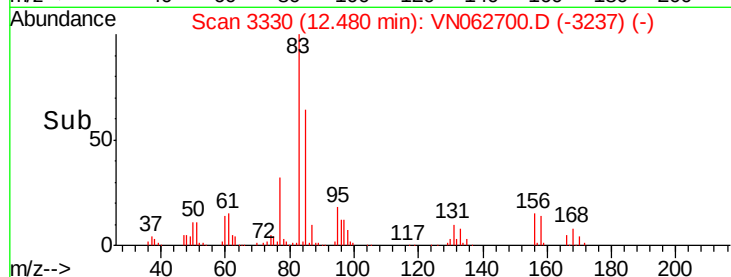
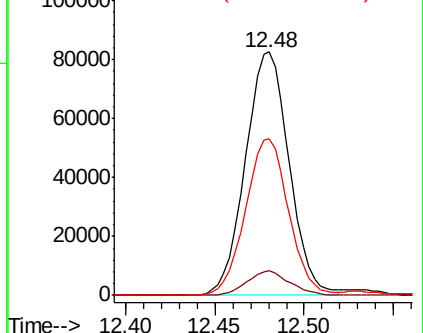
85 63.5 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062700.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062700.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062700.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 67.429 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062700.D

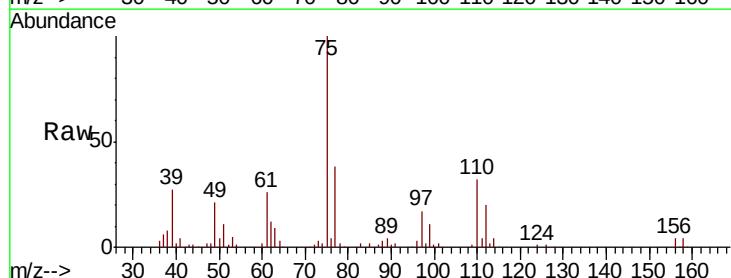
Acq: 31 Jul 2020 21:33

Tgt Ion: 75 Resp: 191885

Ion Ratio Lower Upper

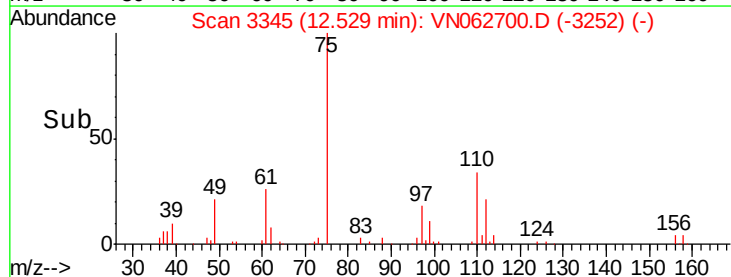
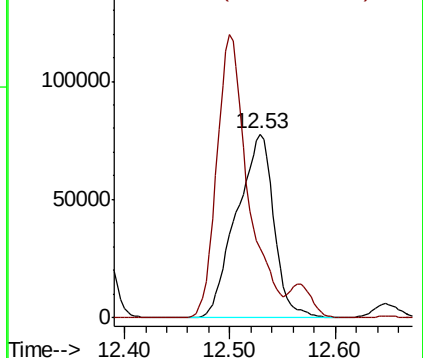
75 100

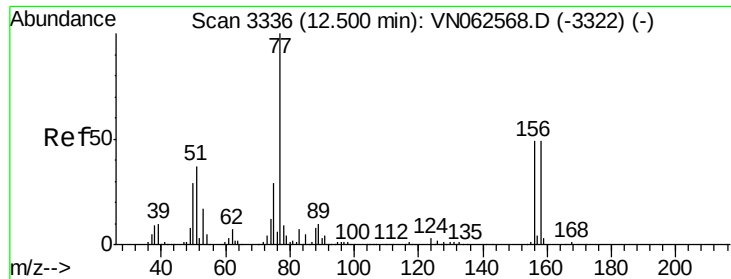
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062700.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062700.D (-3252) (-)





#77

Bromobenzene

Concen: 49.782 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

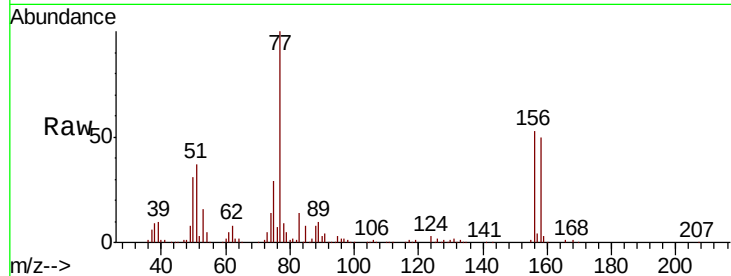
Tot Ion:156 Resp: 105761

Ion Ratio Lower Upper

156 100

77 232.4 122.8 368.3

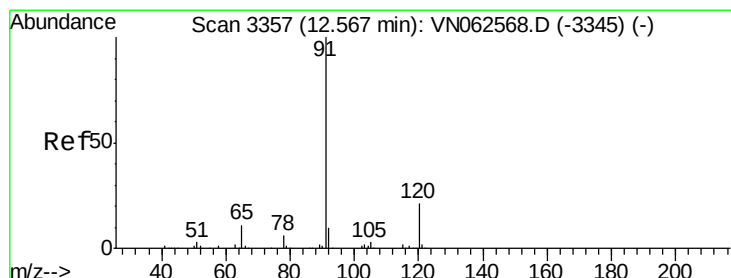
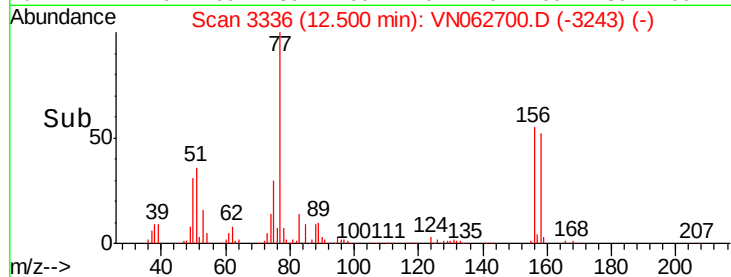
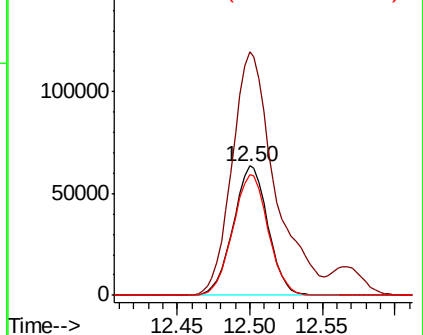
158 94.9 49.4 148.0



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: 50.655 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062700.D

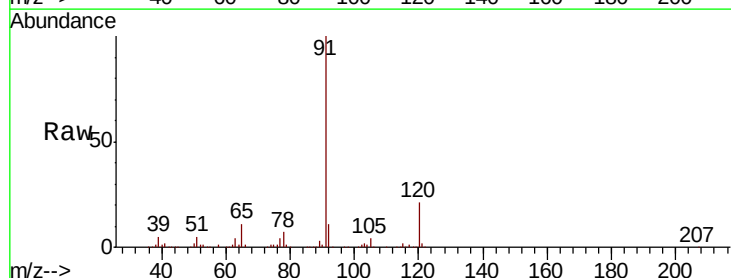
Acq: 31 Jul 2020 21:33

Tgt Ion: 91 Resp: 524544

Ion Ratio Lower Upper

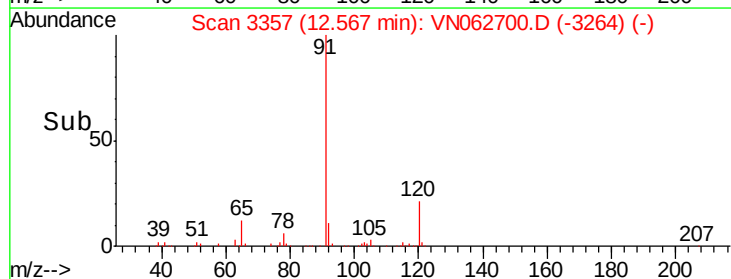
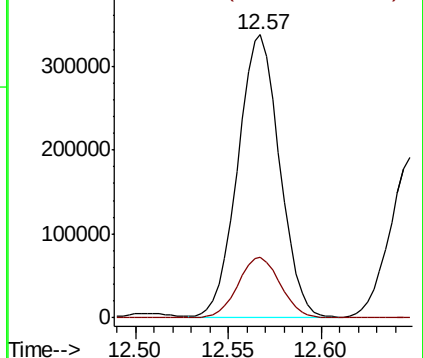
91 100

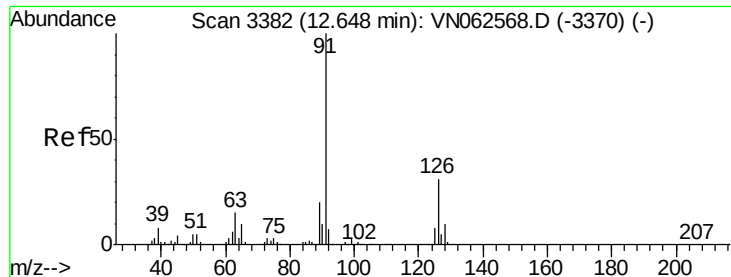
120 21.7 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

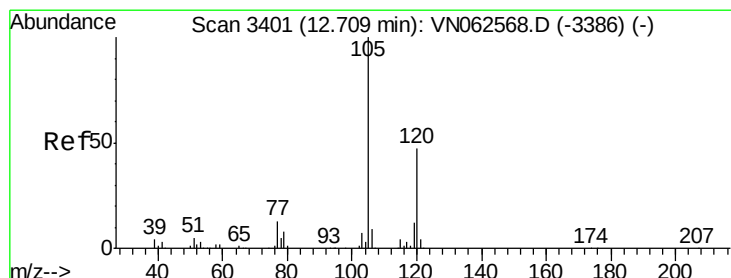
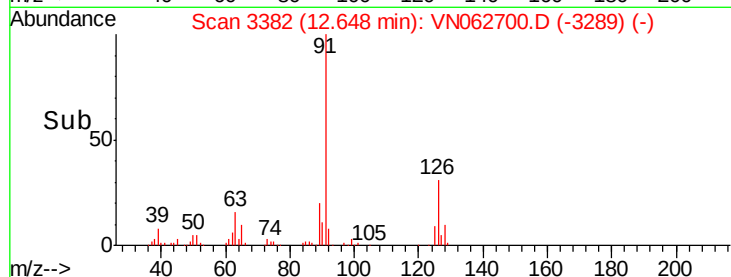
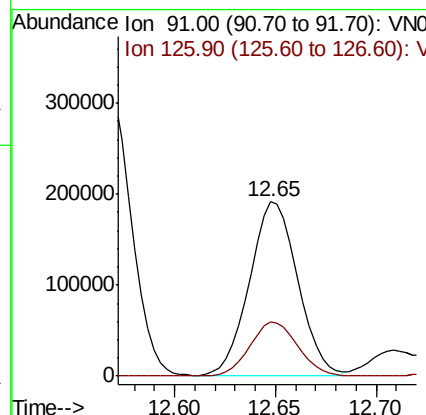
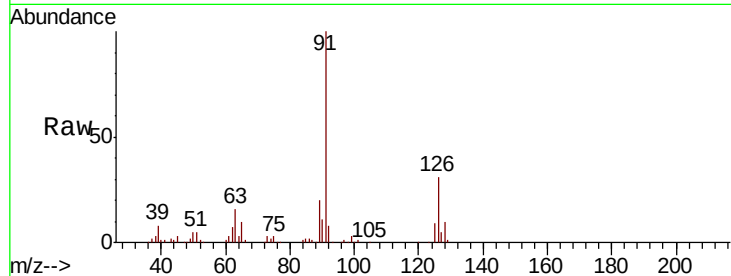




#79
 2-Chlorotoluene
 Concen: 49.887 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

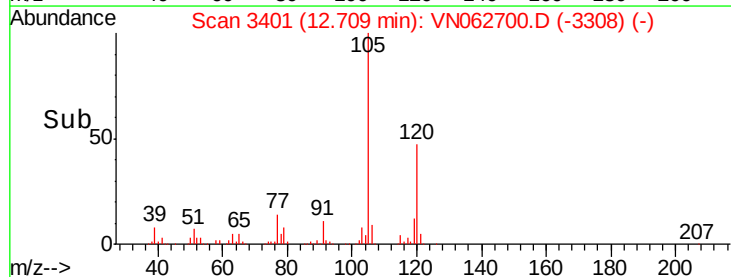
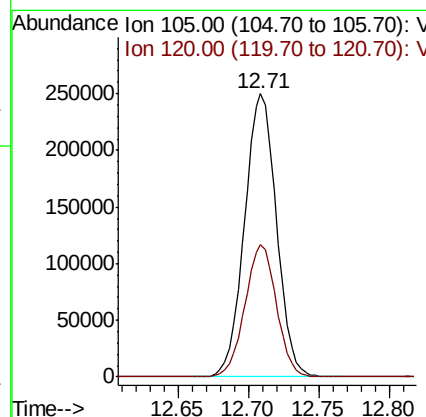
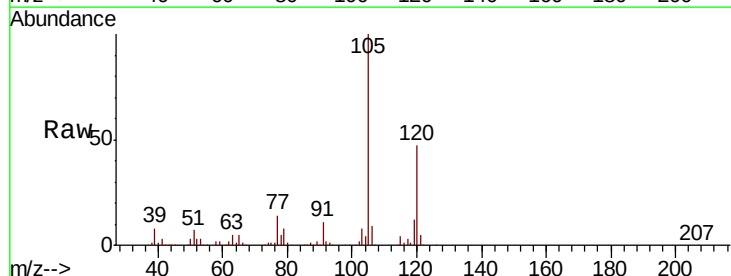
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

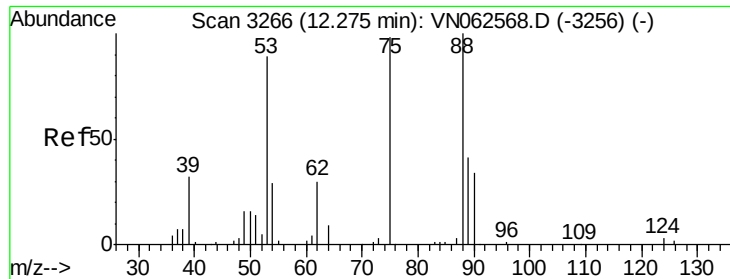
Tot Ion: 91 Resp: 318364
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 54.085 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion: 105 Resp: 396599
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.054 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

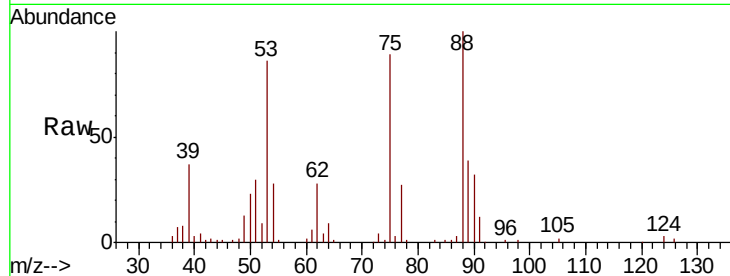
Tot Ion: 75 Resp: 49124

Ion Ratio Lower Upper

75 100

53 99.3 75.4 113.0

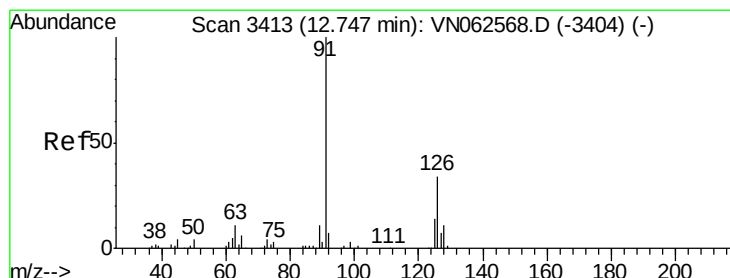
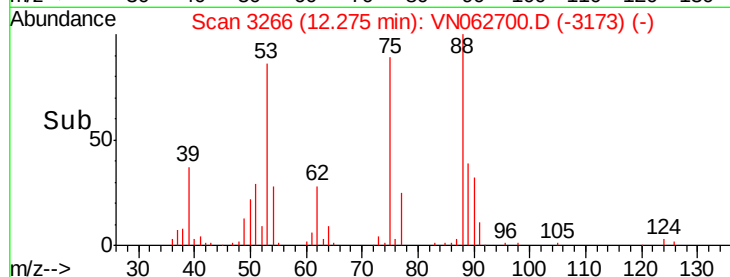
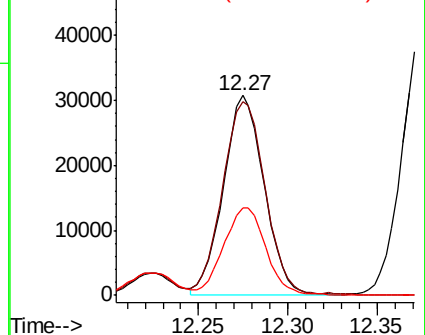
89 45.2 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.142 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062700.D

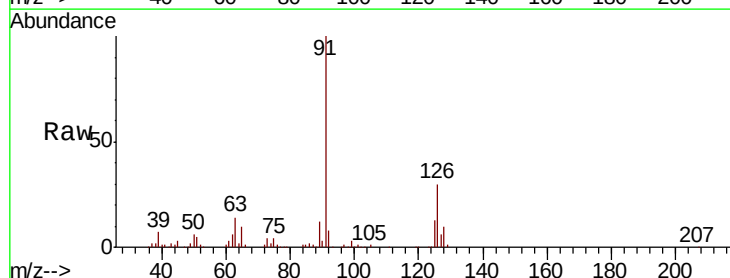
Acq: 31 Jul 2020 21:33

Tgt Ion: 91 Resp: 326425

Ion Ratio Lower Upper

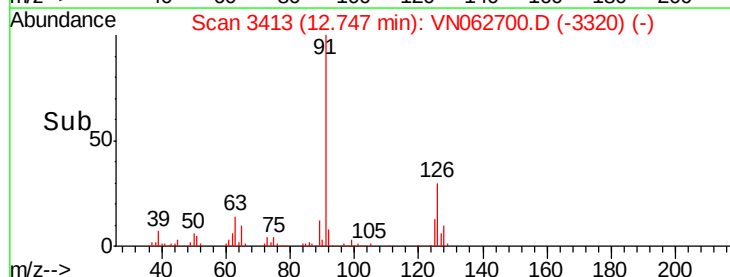
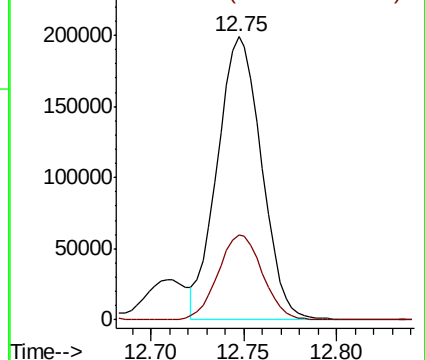
91 100

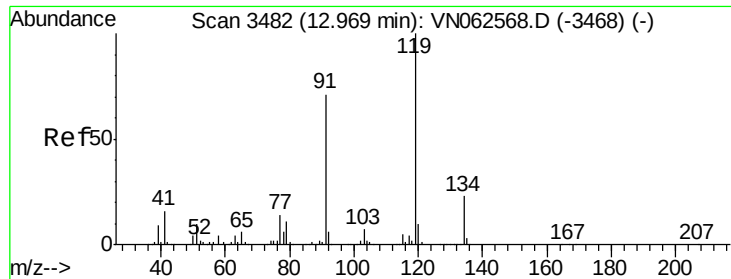
126 30.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

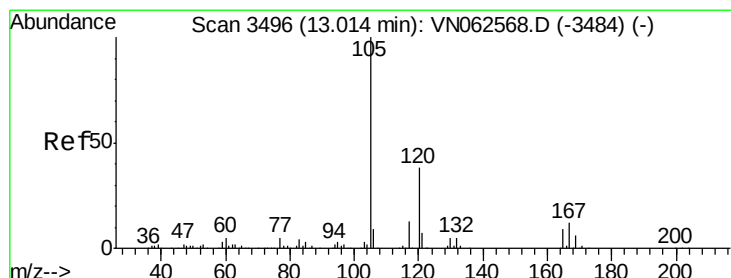
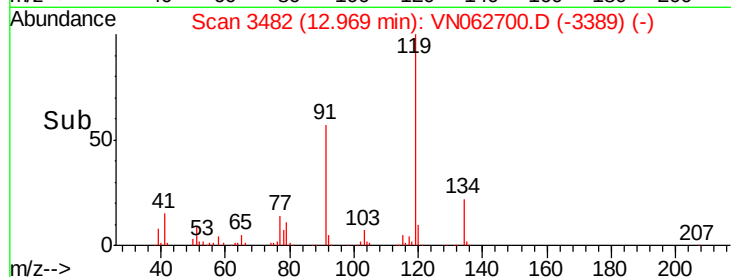
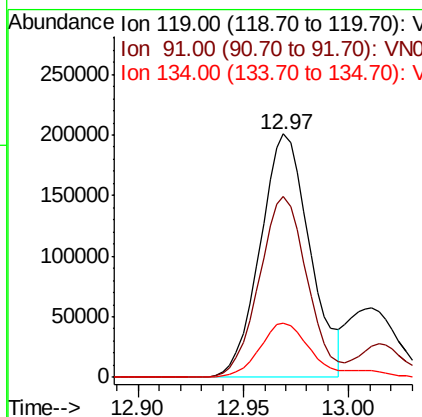
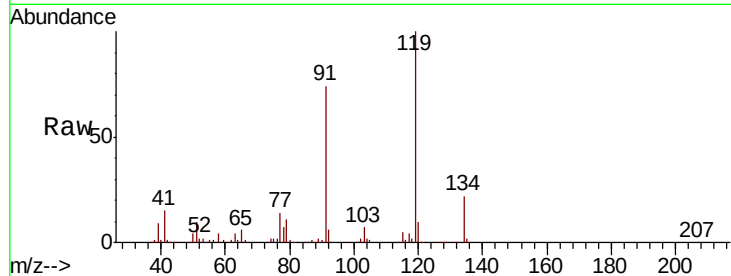




#83
 tert-Butylbenzene
 Concen: 54.062 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

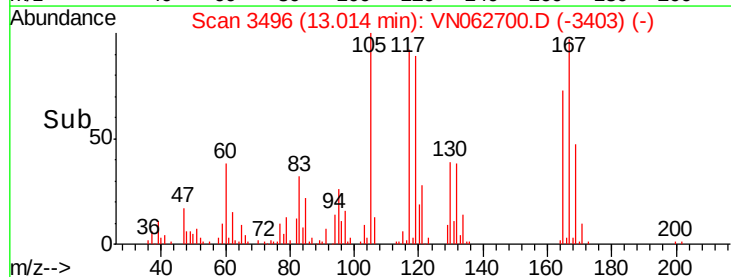
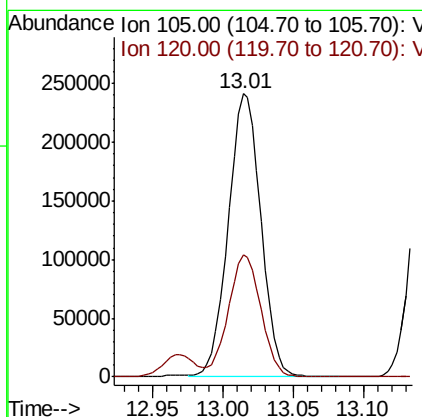
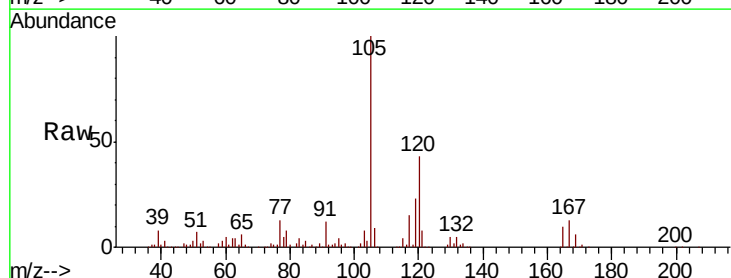
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

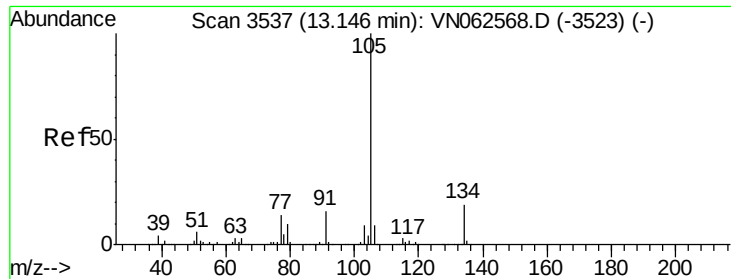
Tot Ion:119 Resp: 329185
 Ion Ratio Lower Upper
 119 100
 91 72.1 34.6 103.8
 134 24.4 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.055 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion:105 Resp: 388852
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 53.934 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

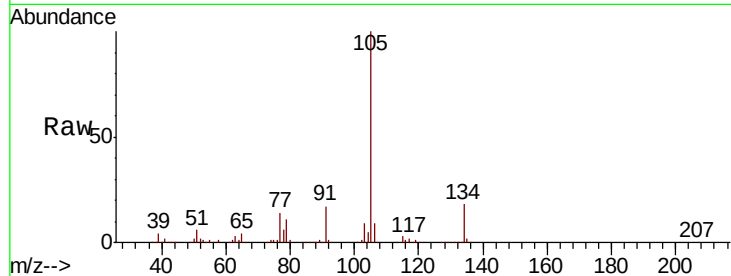
VSTDCCC050

Tot Ion:105 Resp: 439666

Ion Ratio Lower Upper

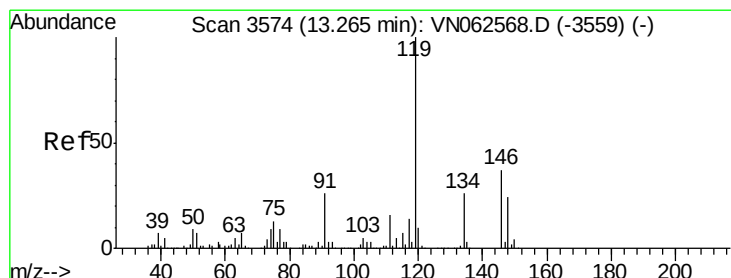
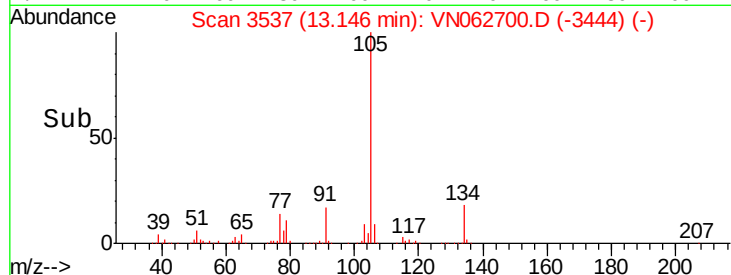
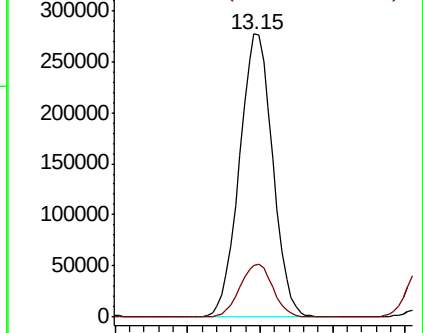
105 100

134 18.8 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.986 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

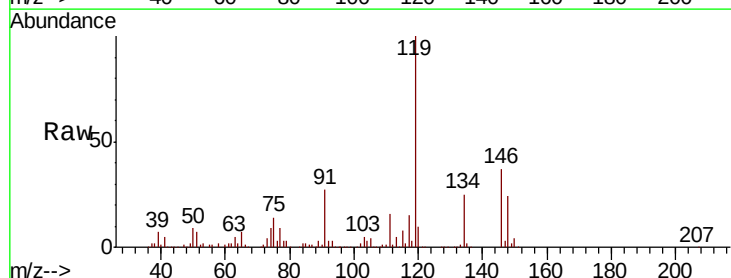
Tgt Ion:119 Resp: 385522

Ion Ratio Lower Upper

119 100

134 25.1 12.8 38.4

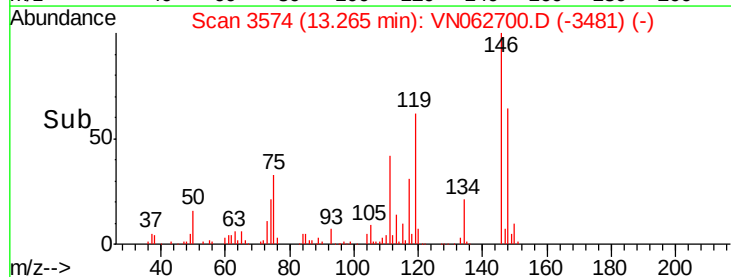
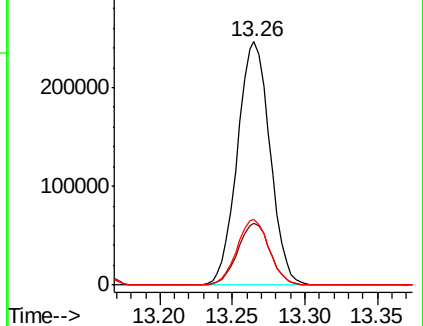
91 27.0 12.7 38.1

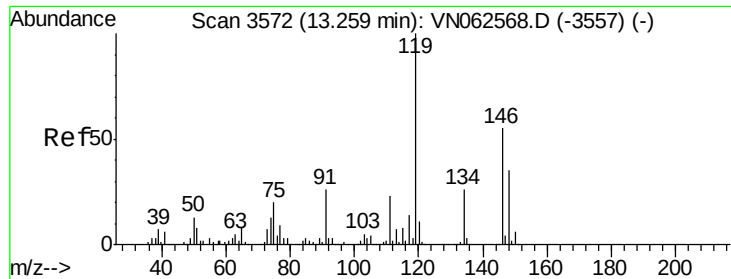


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

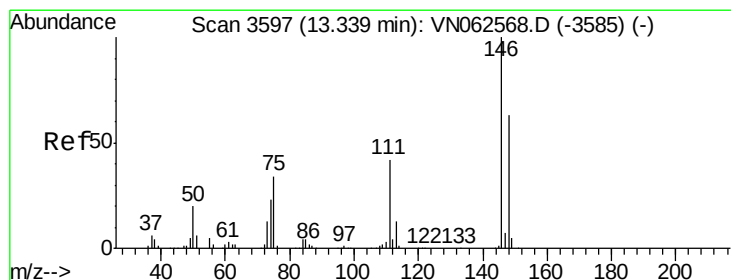
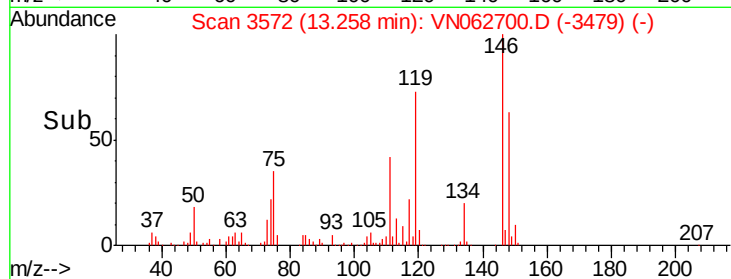
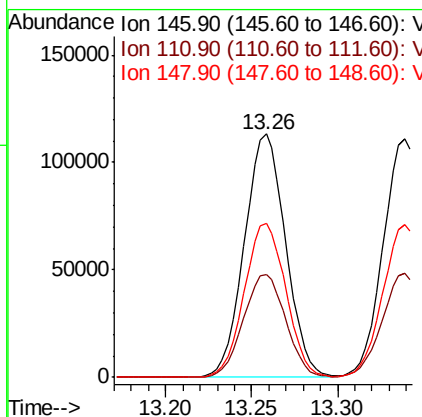
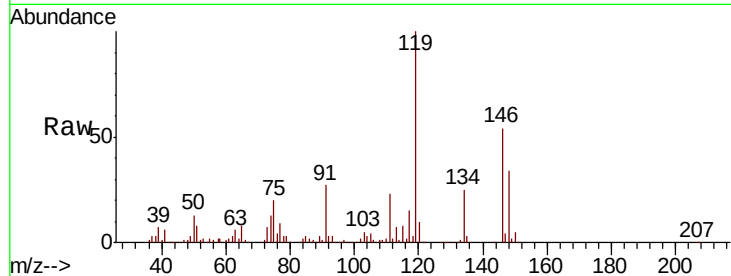




#87
 1,3-Dichlorobenzene
 Concen: 50.643 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

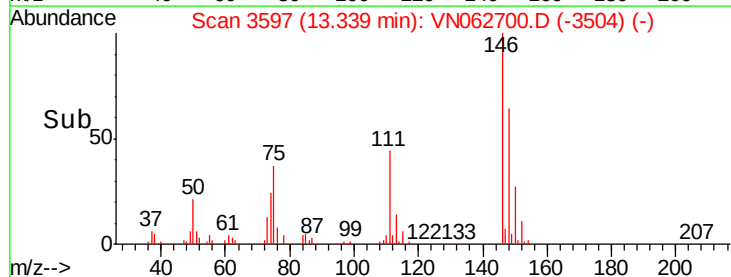
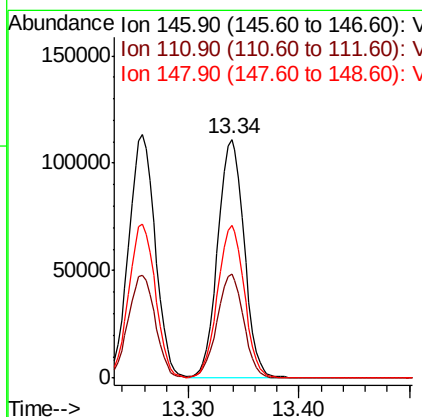
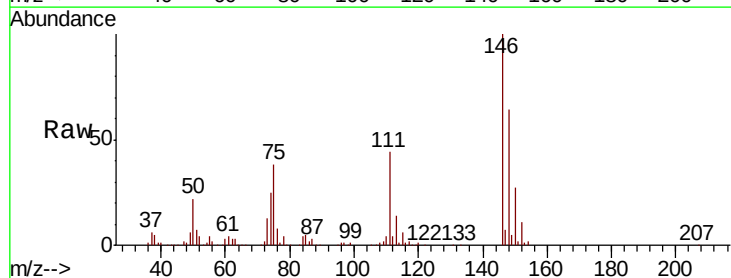
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

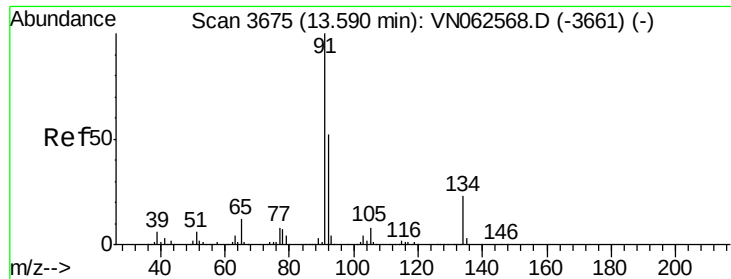
Tot Ion:146 Resp: 188803
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 64.6
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.384 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion:146 Resp: 184908
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.1 63.1
 148 64.3 31.6 94.8





#89

n-Butylbenzene

Concen: 51.811 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062700.D

Acq: 31 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

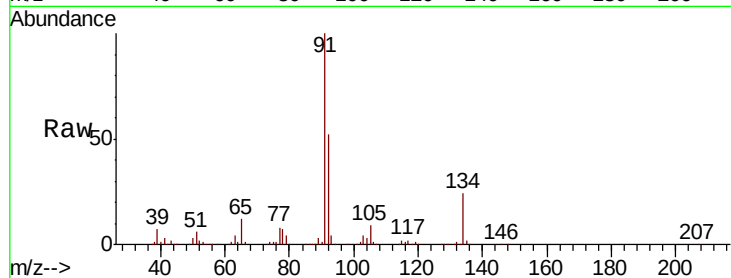
Tot Ion: 91 Resp: 312124

Ion Ratio Lower Upper

91 100

92 51.3 25.8 77.3

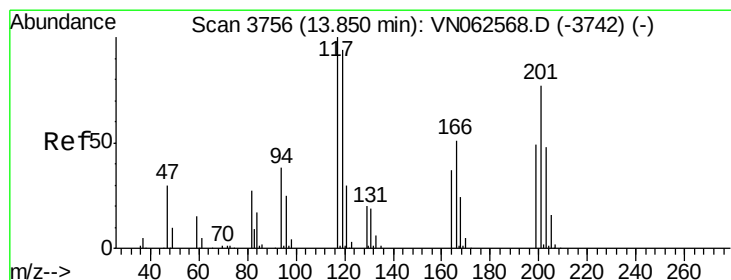
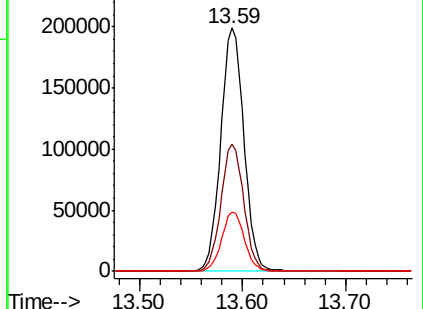
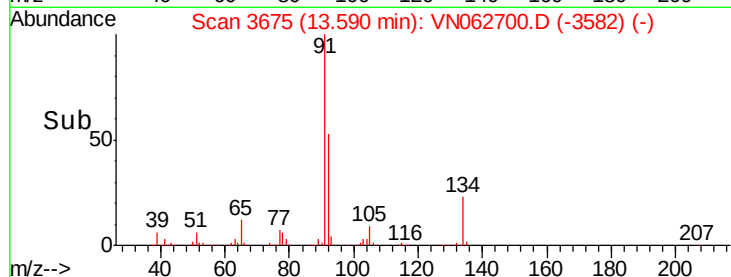
134 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN062700.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062700.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062700.D (-3582) (-)



#90

Hexachloroethane

Concen: 50.745 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062700.D

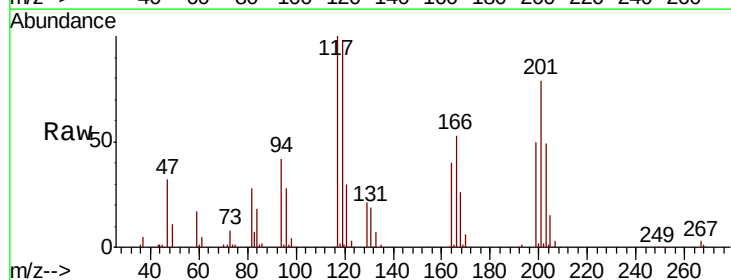
Acq: 31 Jul 2020 21:33

Tgt Ion: 117 Resp: 75740

Ion Ratio Lower Upper

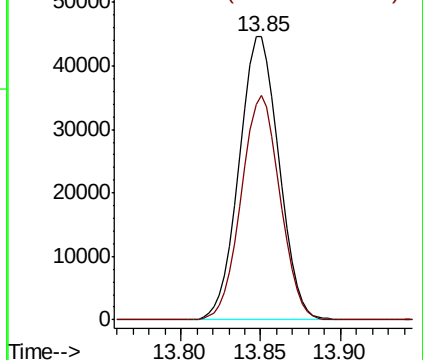
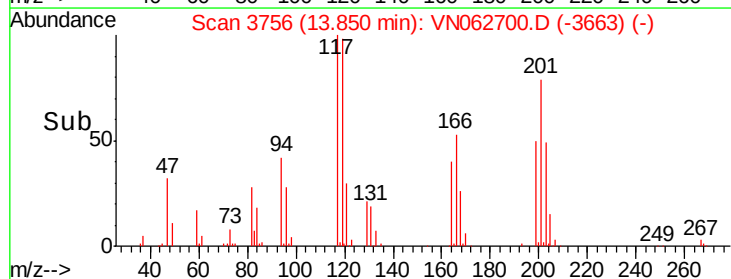
117 100

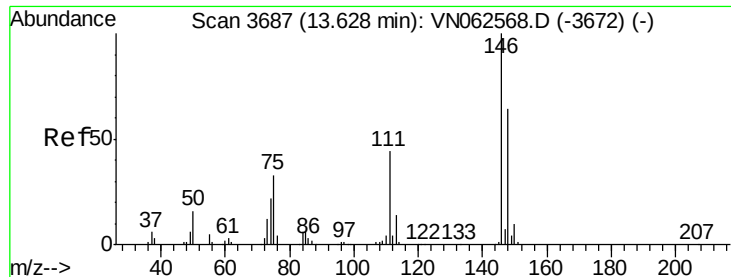
201 77.0 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062700.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062700.D (-3663) (-)

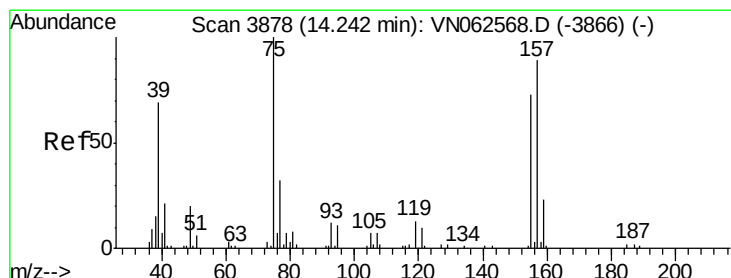
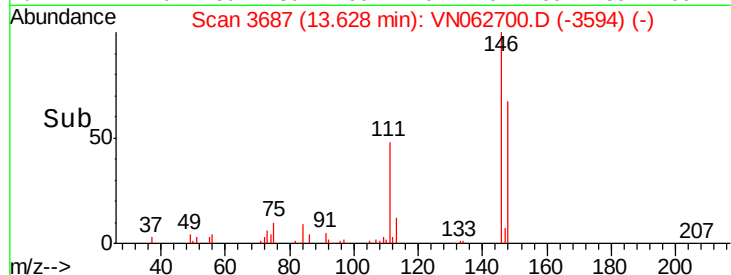
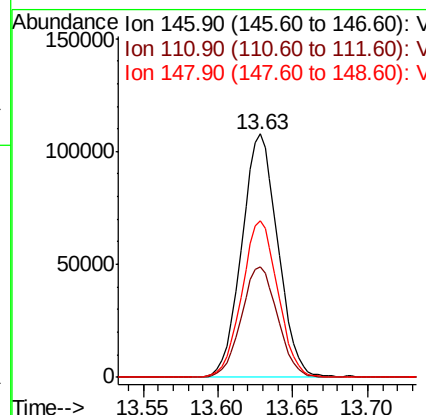
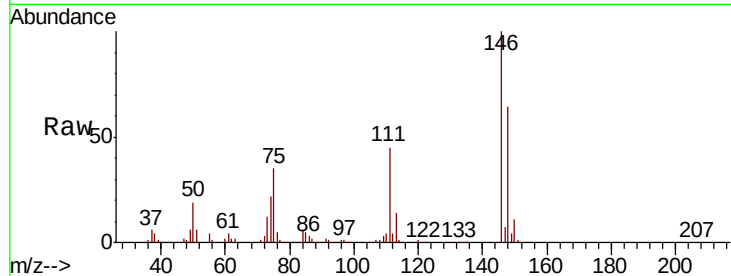




#91
 1,2-Dichlorobenzene
 Concen: 50.777 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

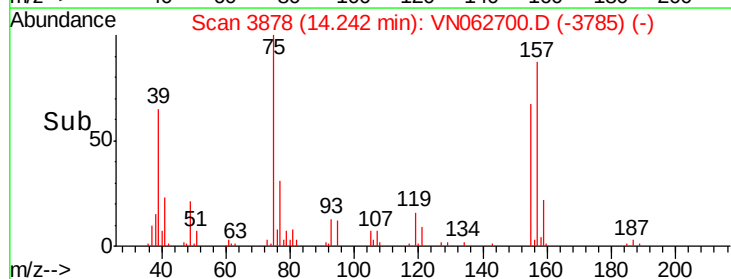
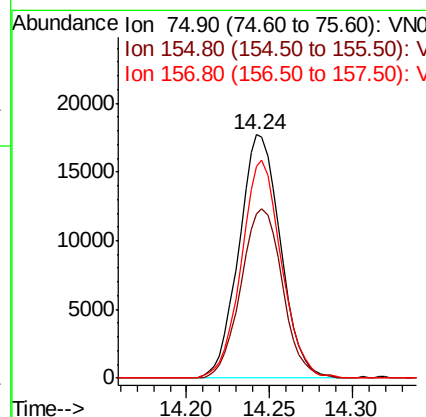
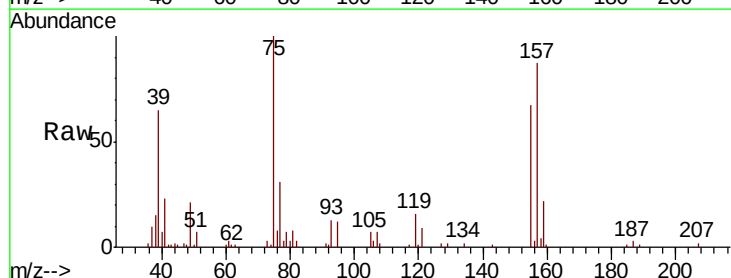
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

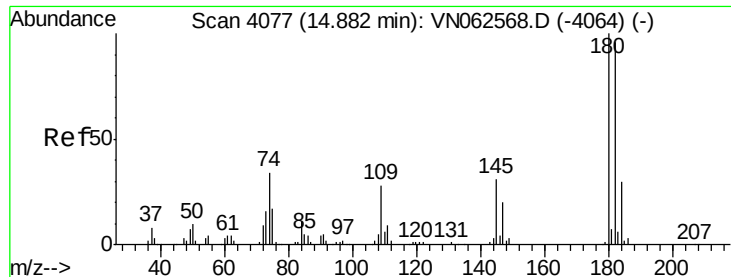
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	21.9	65.8
148	64.0	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.398 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.4	35.9	107.5
157	86.2	45.0	135.0

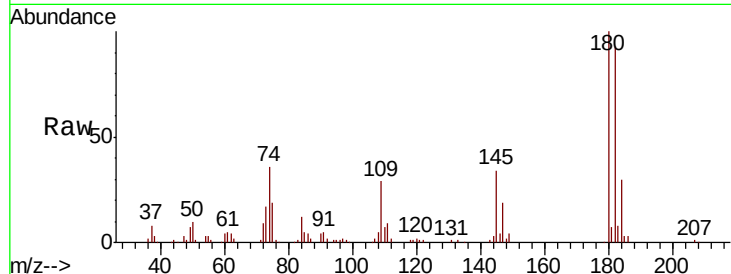




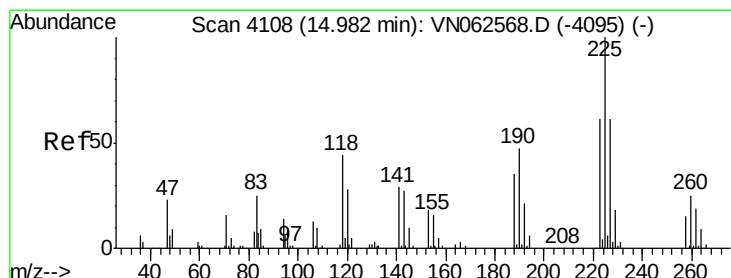
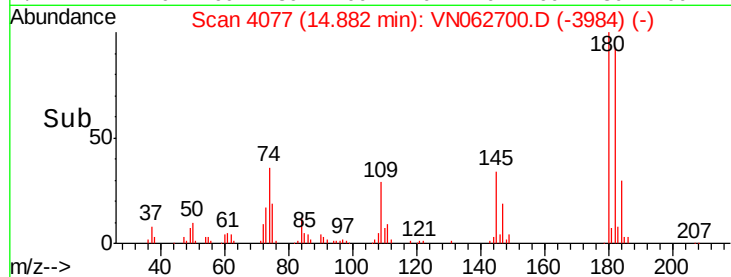
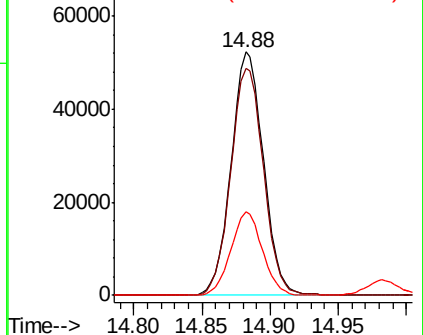
#93
 1,2,4-Trichlorobenzene
 Concen: 46.092 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 85908
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.3
 145 33.4 15.3 45.9

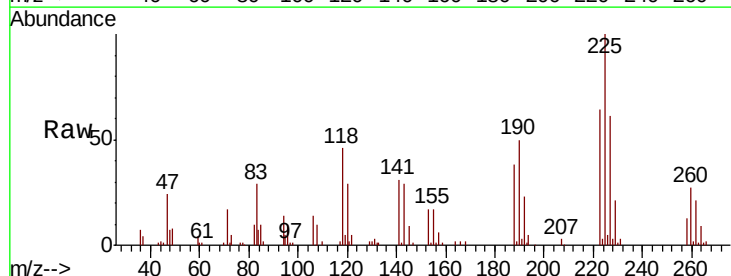


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

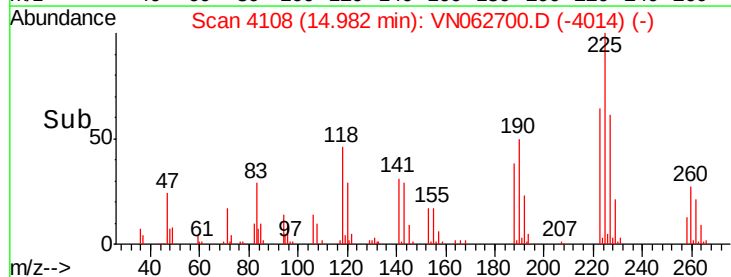
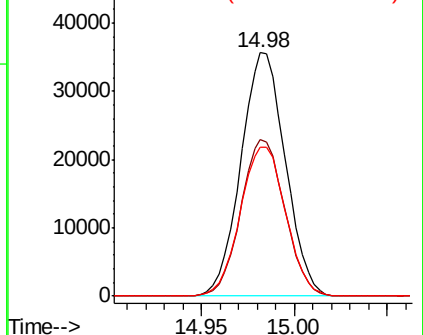


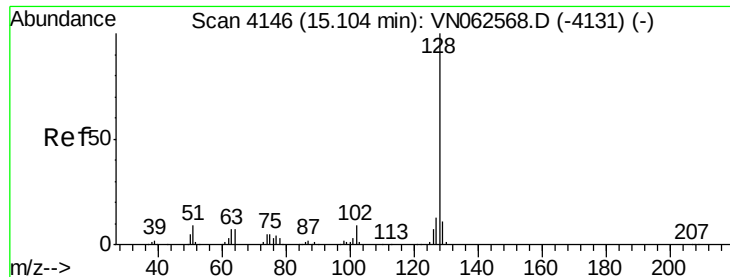
#94
 Hexachlorobutadiene
 Concen: 61.526 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062700.D
 Acq: 31 Jul 2020 21:33

Tgt Ion:225 Resp: 59238
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.0 96.0
 227 62.6 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

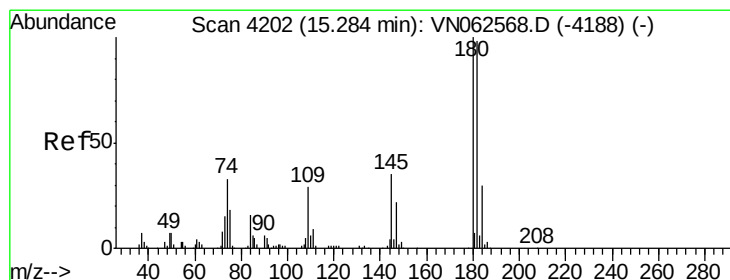
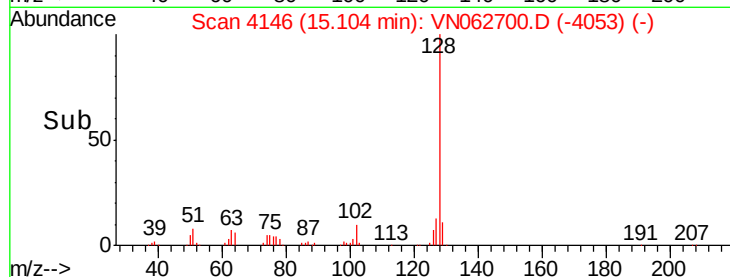
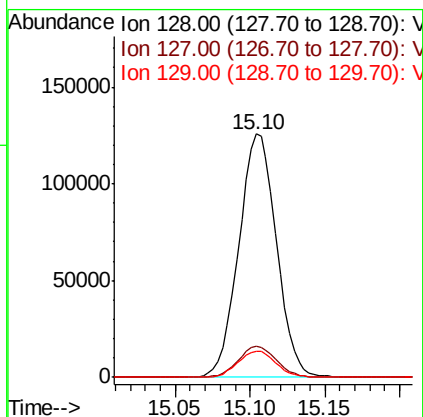
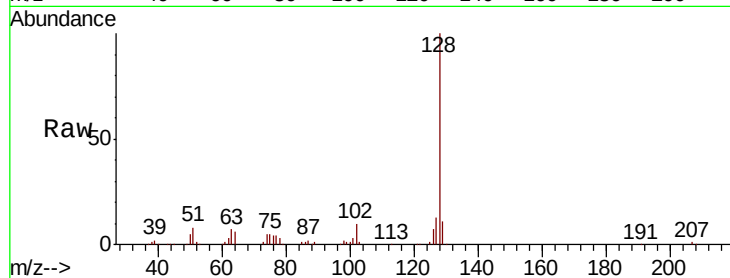




#95
Naphthalene
Concen: 44.769 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 220473
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.385 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062700.D
Acq: 31 Jul 2020 21:33

Tgt Ion:180 Resp: 86325
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.3
145 34.7 16.7 50.1

