

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064882.D
 Acq On : 1 Dec 2020 15:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 02 00:17:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	206222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	316827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	292285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	110211	45.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.94%
35) Dibromofluoromethane	7.55	113	93395	49.26	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.52%
50) Toluene-d8	10.06	98	371364	47.94	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.88%
62) 4-Bromofluorobenzene	12.37	95	133118	48.02	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.04%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	78166	43.735	ug/l	97
3) Chloromethane	2.04	50	99594	42.881	ug/l	98
4) Vinyl Chloride	2.16	62	106502	43.983	ug/l	96
5) Bromomethane	2.52	94	67433	42.446	ug/l	98
6) Chloroethane	2.67	64	65630	43.821	ug/l	99
7) Trichlorofluoromethane	2.98	101	155519	46.462	ug/l	99
8) Diethyl Ether	3.37	74	59177	44.789	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	94620	47.123	ug/l	98
10) Methyl Iodide	3.90	142	112903	43.350	ug/l	98
11) Tert butyl alcohol	4.75	59	85526	228.746	ug/l	99
12) 1,1-Dichloroethene	3.69	96	91424	45.718	ug/l	99
13) Acrolein	3.56	56	60498	264.902	ug/l	98
14) Allyl chloride	4.27	41	149603	45.358	ug/l	99
15) Acrylonitrile	4.93	53	250378	242.407	ug/l	100
16) Acetone	3.78	43	232848	295.449	ug/l	97
17) Carbon Disulfide	4.00	76	229118	44.375	ug/l	99
18) Methyl Acetate	4.28	43	111653	47.120	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	306492	47.788	ug/l	99
20) Methylene Chloride	4.50	84	109687	44.415	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	102179	46.012	ug/l	99
22) Diisopropyl ether	5.90	45	319786	48.440	ug/l	100
23) Vinyl Acetate	5.84	43	1303128	246.841	ug/l	99
24) 1,1-Dichloroethane	5.79	63	185506	47.018	ug/l	99
25) 2-Butanone	6.79	43	333941	261.387	ug/l	96
26) 2,2-Dichloropropane	6.78	77	161834	47.294	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	117712	47.106	ug/l	99
28) Bromochloromethane	7.15	49	80700	44.711	ug/l	96
29) Tetrahydrofuran	7.17	42	207067	234.797	ug/l	98
30) Chloroform	7.33	83	191396	47.042	ug/l	98
31) Cyclohexane	7.61	56	150326	44.988	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	164919	47.194	ug/l	99
36) 1,1-Dichloropropene	7.75	75	141184	48.076	ug/l	98
37) Ethyl Acetate	6.88	43	132209	46.737	ug/l	97
38) Carbon Tetrachloride	7.73	117	147172	48.165	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	155550	49.204	ug/l	98
40) Benzene	8.00	78	435281	48.370	ug/l	98
41) Methacrylonitrile	7.12	41	63342	48.528	ug/l	94
42) 1,2-Dichloroethane	8.08	62	141293	46.543	ug/l	99
43) Isopropyl Acetate	8.13	43	215861	47.422	ug/l	99
44) Trichloroethene	8.80	130	126547	47.661	ug/l	97
45) 1,2-Dichloropropane	9.08	63	114954	49.327	ug/l	99
46) Dibromomethane	9.17	93	76468	49.116	ug/l	98
47) Bromodichloromethane	9.37	83	150940	48.183	ug/l	98
48) Methyl methacrylate	9.16	41	104698	48.136	ug/l	97
49) 1,4-Dioxane	9.17	88	40480	984.699	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	676246	247.463	ug/l	100
52) Toluene	10.12	92	273118	49.282	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	168713	48.354	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	186266	49.805	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	111014	48.714	ug/l	96
56) Ethyl methacrylate	10.40	69	156179	49.663	ug/l	99
57) 1,3-Dichloropropane	10.68	76	183802	48.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	499004	288.465	ug/l	100
59) 2-Hexanone	10.72	43	502283	255.395	ug/l	99
60) Dibromochloromethane	10.87	129	126558	49.960	ug/l	98
61) 1,2-Dibromoethane	10.97	107	112928	48.775	ug/l	99
64) Tetrachloroethene	10.60	164	141205	49.656	ug/l	98
65) Chlorobenzene	11.41	112	304544	48.519	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	113284	49.110	ug/l	99
67) Ethyl Benzene	11.48	91	520504	49.639	ug/l	99
68) m/p-Xylenes	11.60	106	405867	102.234	ug/l	99
69) o-Xylene	11.92	106	191815	50.916	ug/l	99
70) Styrene	11.94	104	332125	52.222	ug/l	99
71) Bromoform	12.10	173	88736	48.164	ug/l #	100
73) Isopropylbenzene	12.22	105	515995	50.467	ug/l	99
74) N-amyl acetate	12.04	43	191805	47.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	139499	46.549	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	204862	64.715	ug/l #	100
77) Bromobenzene	12.50	156	129701	47.053	ug/l	99
78) n-propylbenzene	12.57	91	591865	50.814	ug/l	99
79) 2-Chlorotoluene	12.65	91	345937	48.048	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	437316	51.458	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	55722	48.244	ug/l	96
82) 4-Chlorotoluene	12.75	91	367006	48.630	ug/l	100
83) tert-Butylbenzene	12.97	119	364213	51.129	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	441172	51.344	ug/l	99
85) sec-Butylbenzene	13.14	105	486729	51.463	ug/l	100
86) p-Isopropyltoluene	13.26	119	459441	53.357	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	234241	47.830	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	233656	45.115	ug/l	99
89) n-Butylbenzene	13.59	91	388381	51.360	ug/l	99
90) Hexachloroethane	13.85	117	76623	51.223	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	230798	47.996	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29671	44.002	ug/l	99

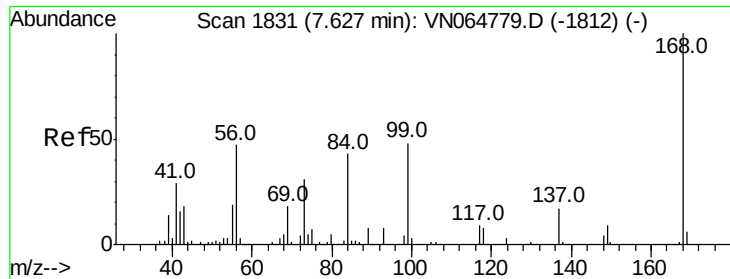
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	138565	46.581	ug/l	100
94) Hexachlorobutadiene	14.98	225	69092	51.567	ug/l	99
95) Naphthalene	15.10	128	401770	45.083	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	133145	47.181	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

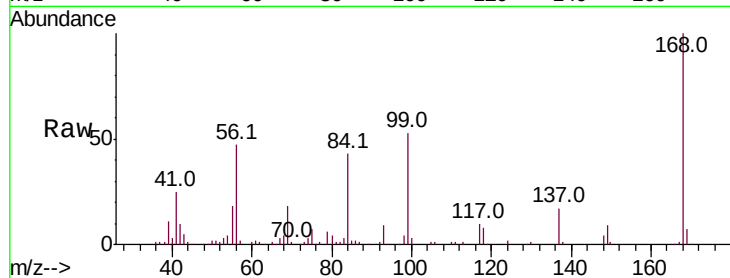
VSTDCCC050EC

Tot Ion:168 Resp: 206222

Ion Ratio Lower Upper

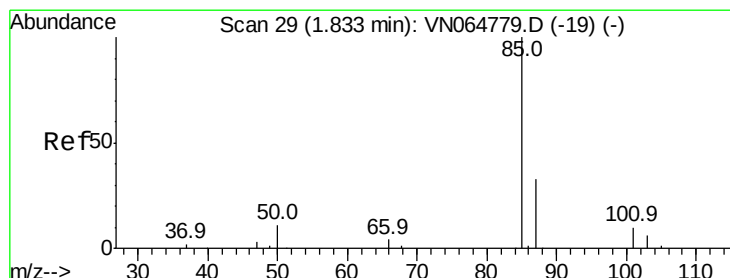
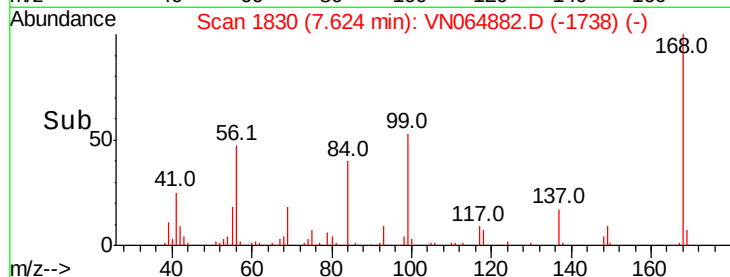
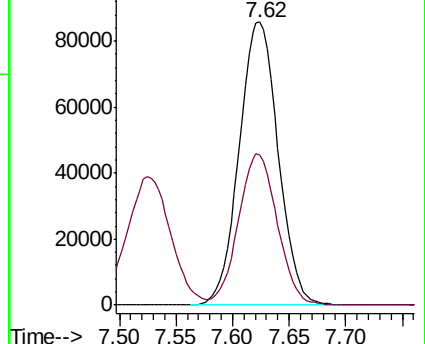
168 100

99 53.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 43.735 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064882.D

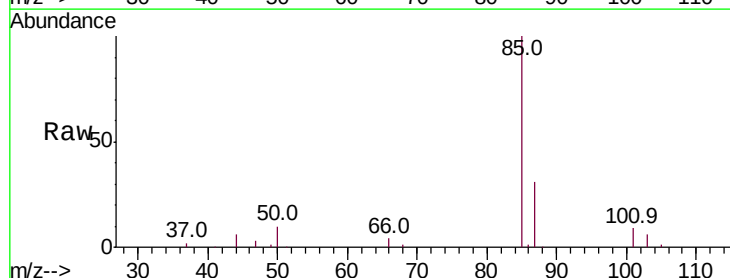
Acq: 1 Dec 2020 15:14

Tgt Ion: 85 Resp: 78166

Ion Ratio Lower Upper

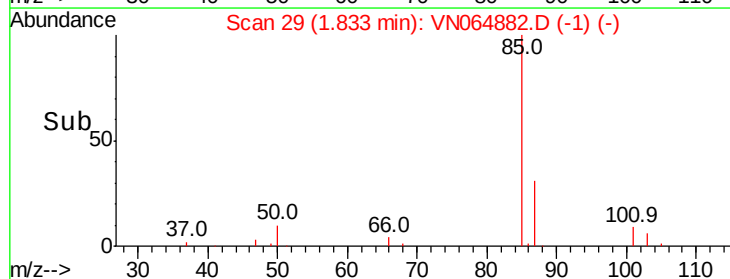
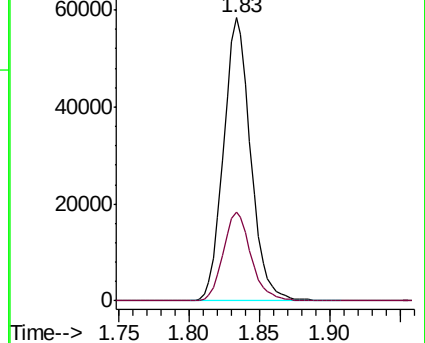
85 100

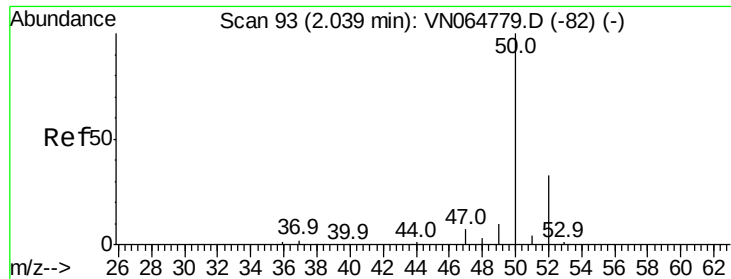
87 31.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 42.881 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

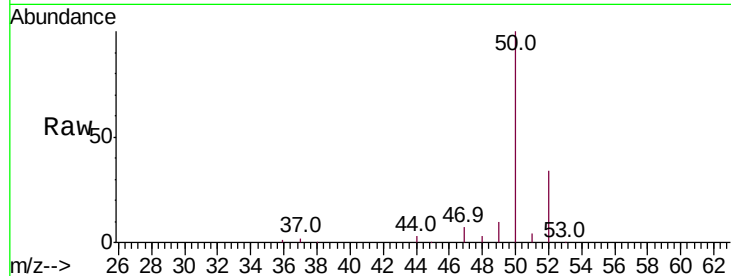
VSTDCCC050EC

Tot Ion: 50 Resp: 99594

Ion Ratio Lower Upper

50 100

52 34.3 26.6 39.8

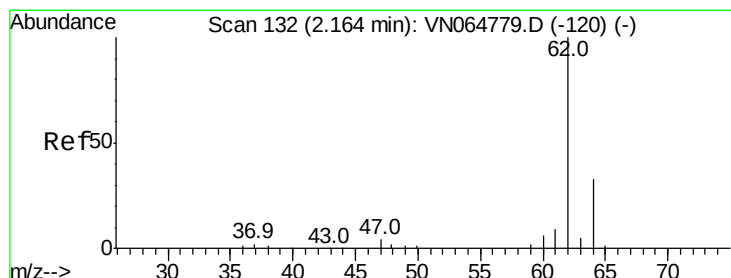
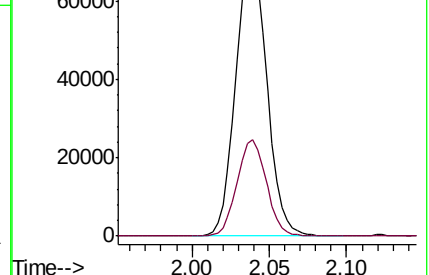
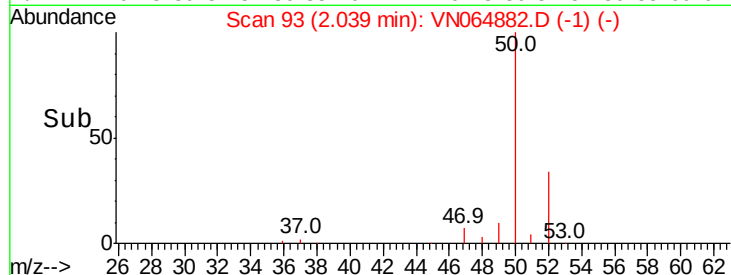


Abundance Ion 49.90 (49.60 to 50.60): VN064779.D (-82) (-)

Ion 51.90 (51.60 to 52.60): VN064882.D (-1) (-)

2.04

Time-->



#4

Vinyl Chloride

Concen: 43.983 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064882.D

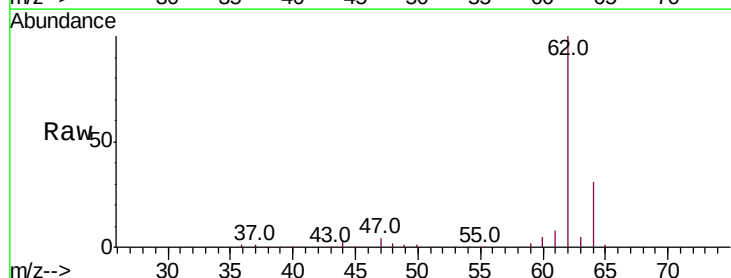
Acq: 1 Dec 2020 15:14

Tgt Ion: 62 Resp: 106502

Ion Ratio Lower Upper

62 100

64 30.6 26.5 39.7

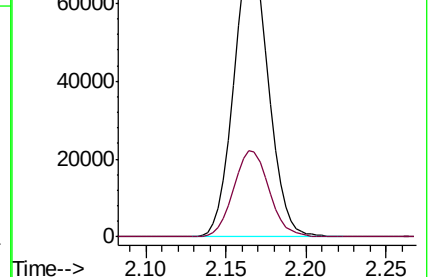
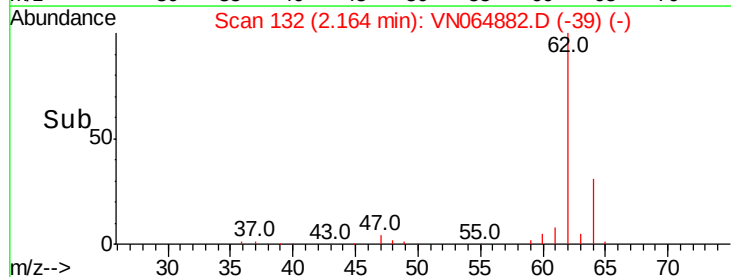


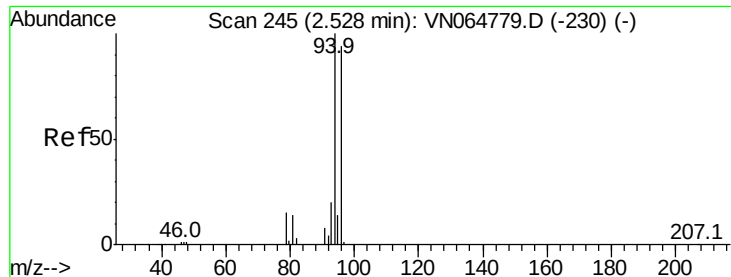
Abundance Ion 61.90 (61.60 to 62.60): VN064779.D (-120) (-)

Ion 63.90 (63.60 to 64.60): VN064882.D (-39) (-)

2.16

Time-->





#5

Bromomethane

Concen: 42.446 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

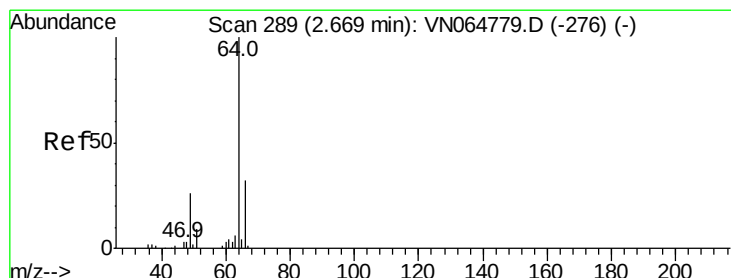
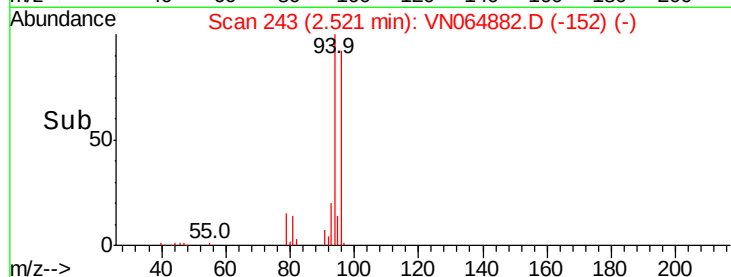
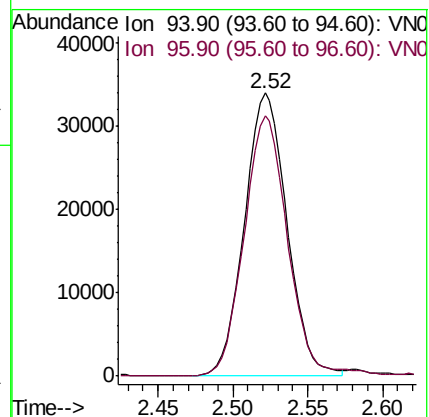
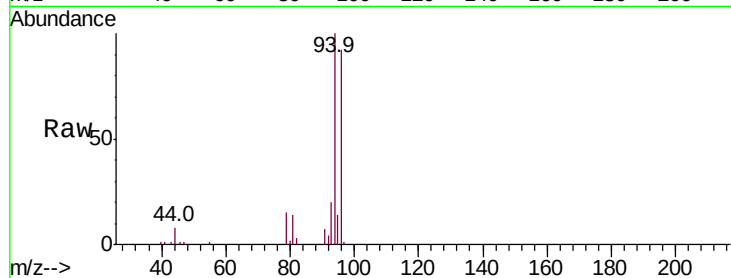
VSTDCCC050EC

Tot Ion: 94 Resp: 67433

Ion Ratio Lower Upper

94 100

96 92.1 75.4 113.0



#6

Chloroethane

Concen: 43.821 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064882.D

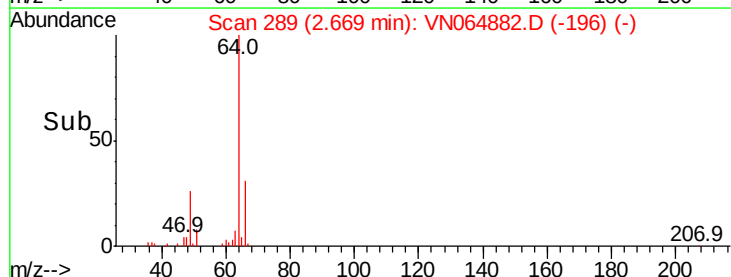
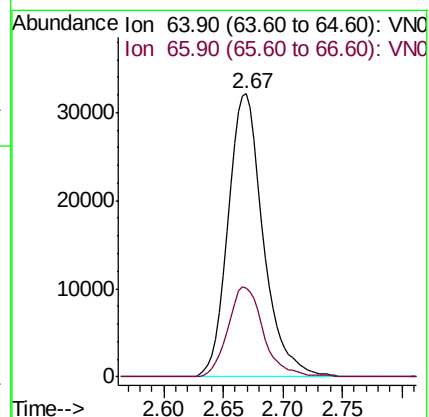
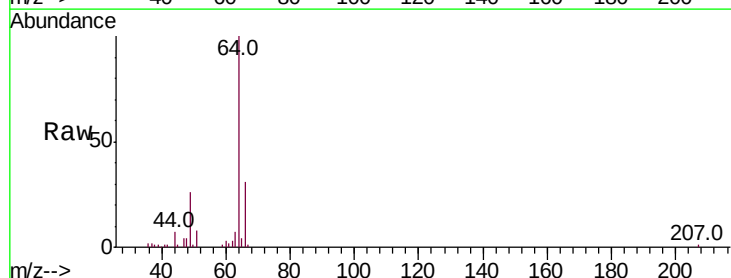
Acq: 1 Dec 2020 15:14

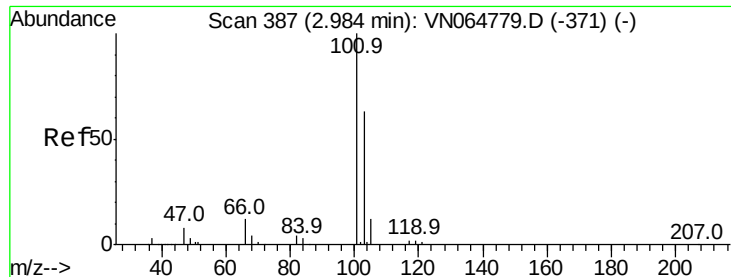
Tgt Ion: 64 Resp: 65630

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4



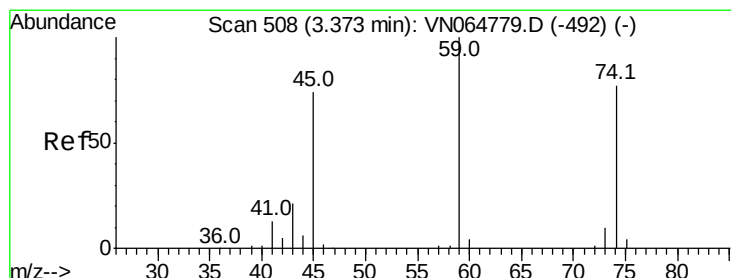
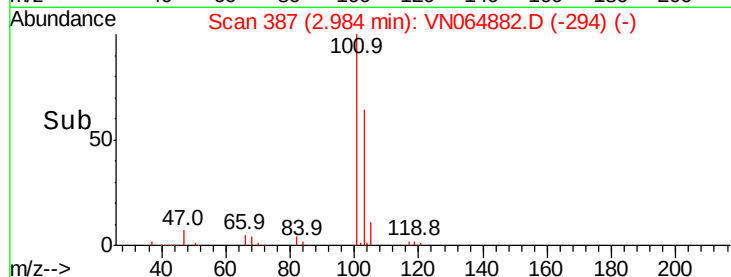
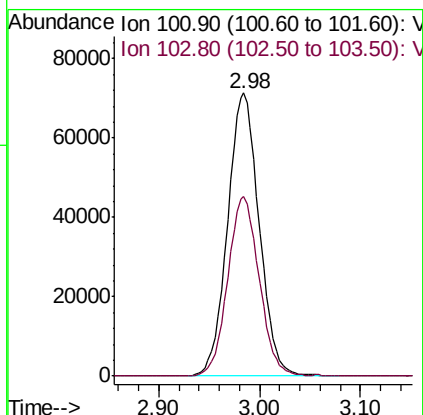
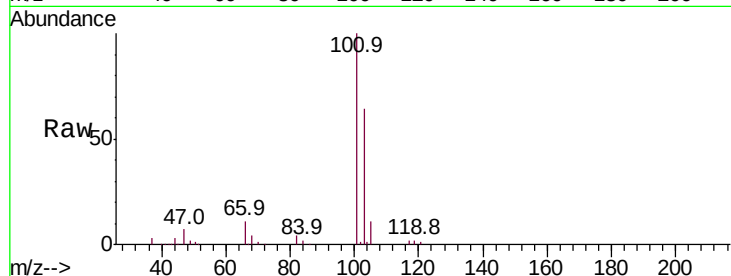


#7

Trichlorofluoromethane
Concen: 46.462 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

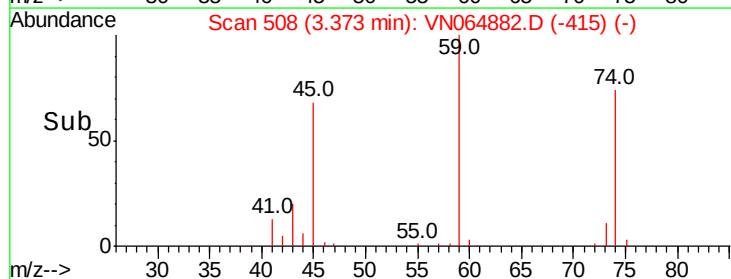
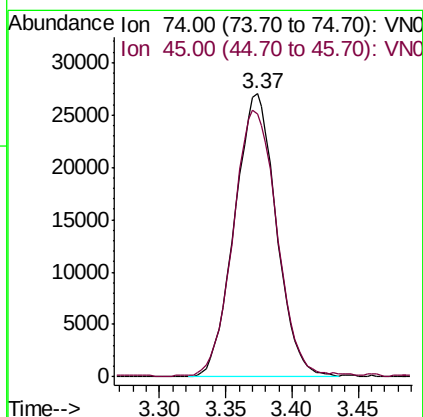
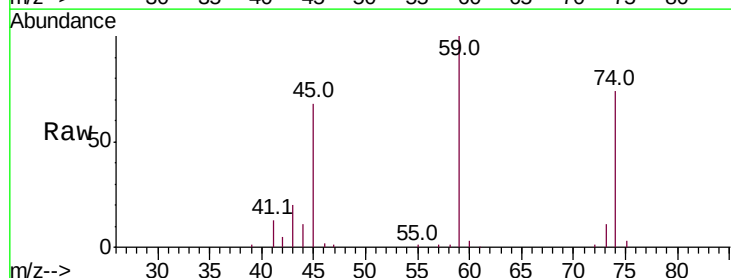
Tot Ion:101 Resp: 155519
Ion Ratio Lower Upper
101 100
103 63.7 50.5 75.7

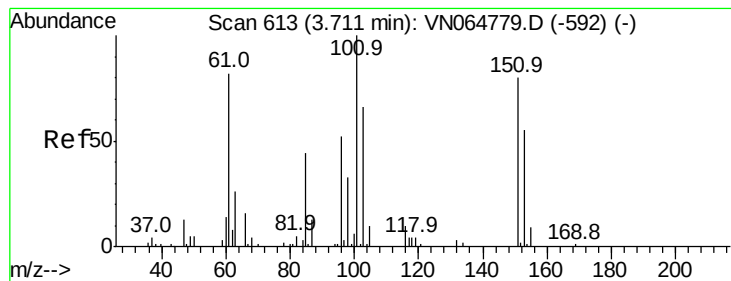


#8

Diethyl Ether
Concen: 44.789 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 74 Resp: 59177
Ion Ratio Lower Upper
74 100
45 97.4 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.123 ug/l

RT: 3.71 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

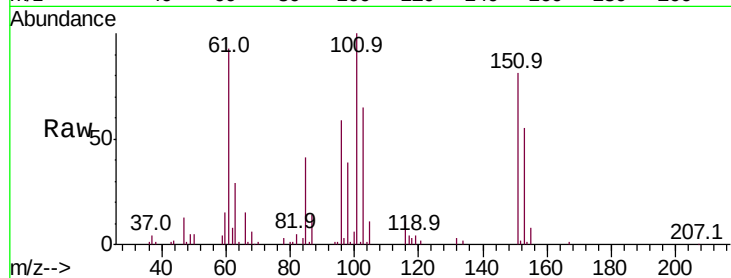
Tot Ion:101 Resp: 94620

Ion Ratio Lower Upper

101 100

85 42.4 34.4 51.6

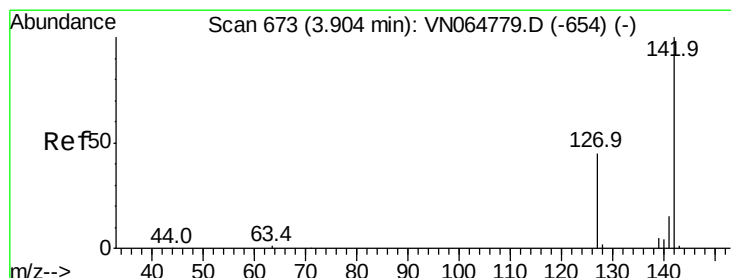
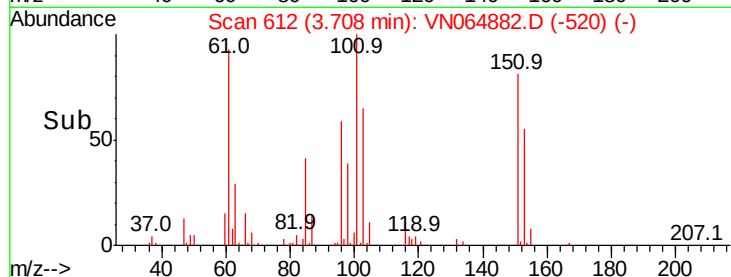
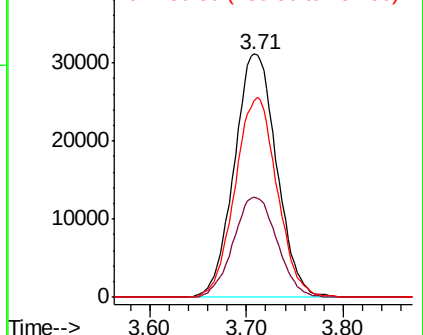
151 81.8 64.0 96.0



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: 43.350 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

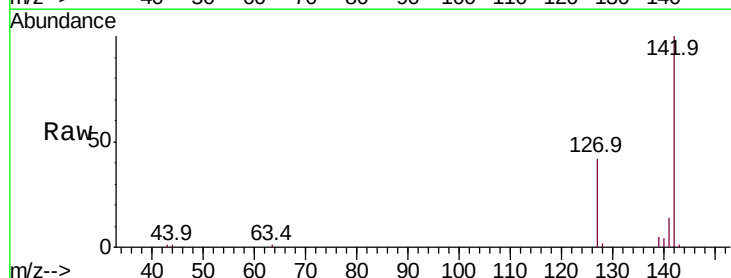
Tgt Ion:142 Resp: 112903

Ion Ratio Lower Upper

142 100

127 42.6 35.0 52.6

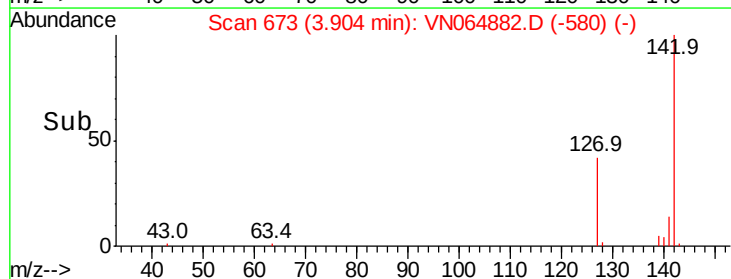
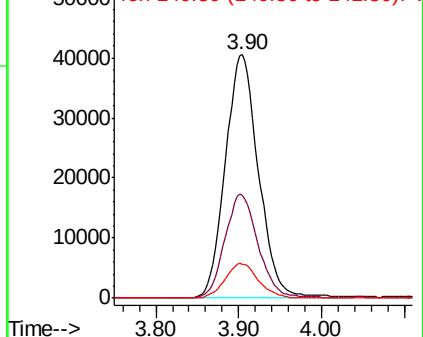
141 14.2 11.8 17.6

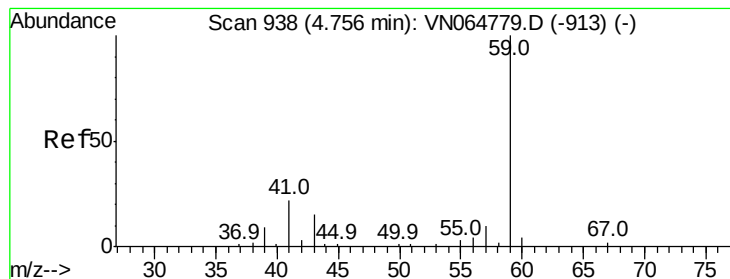


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



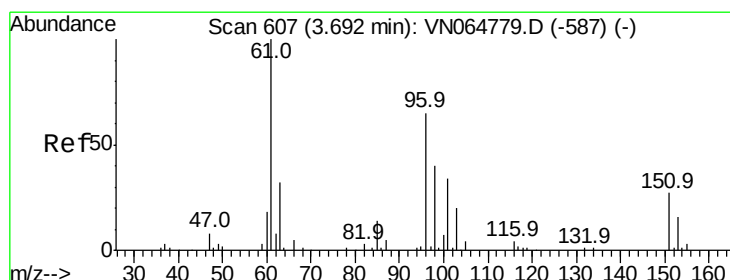
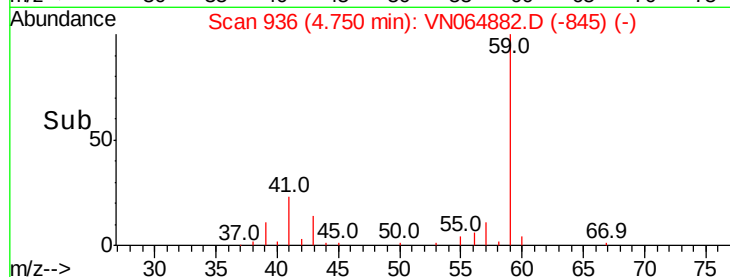
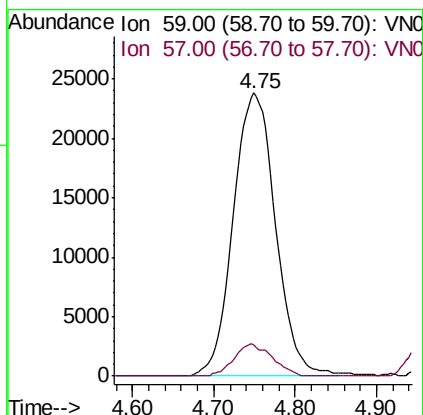
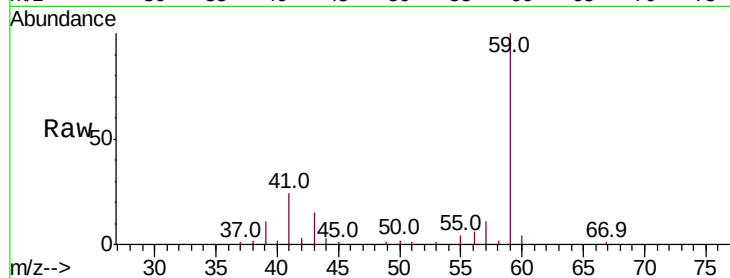


#11

Tert butyl alcohol
 Concen: 228.746 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

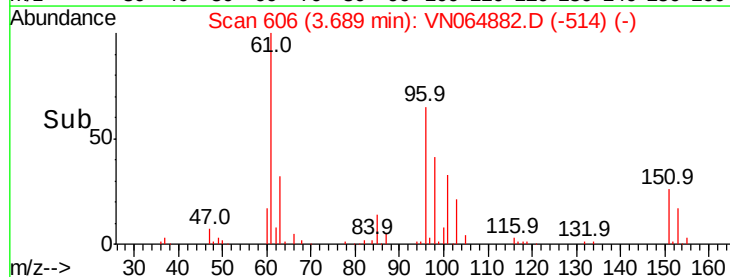
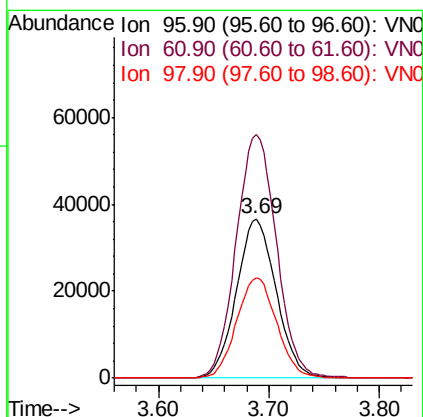
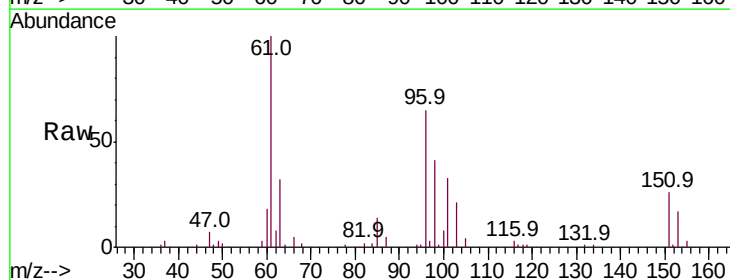
Tot Ion: 59 Resp: 85526
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.9 11.9

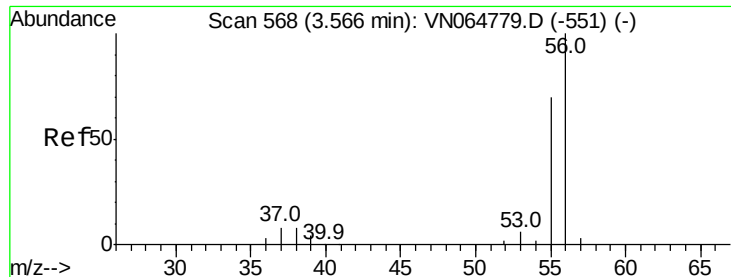


#12

1,1-Dichloroethene
 Concen: 45.718 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion: 96 Resp: 91424
 Ion Ratio Lower Upper
 96 100
 61 152.7 123.4 185.2
 98 62.9 49.8 74.8

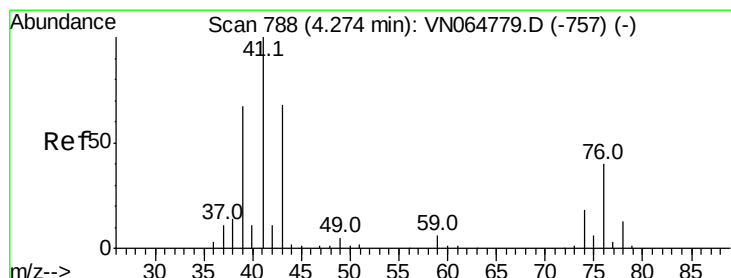
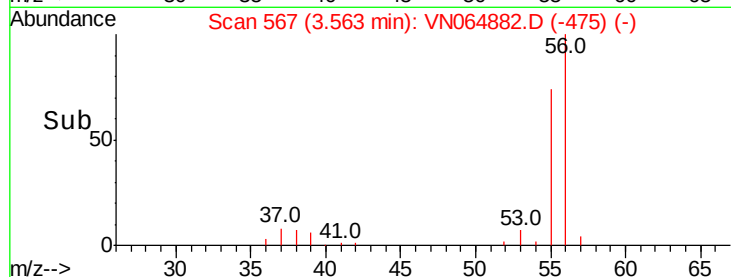
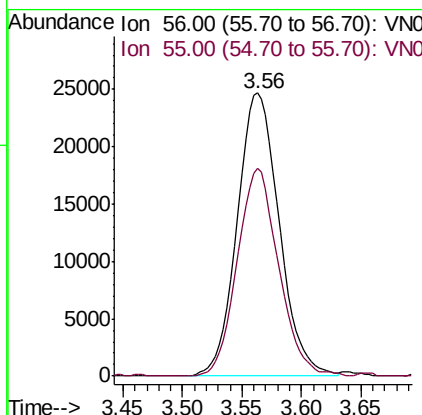
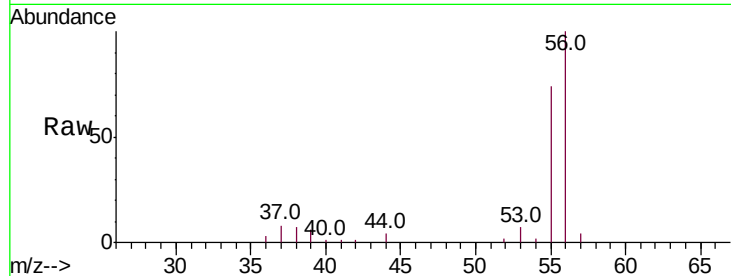




#13
Acrolein
Concen: 264.902 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

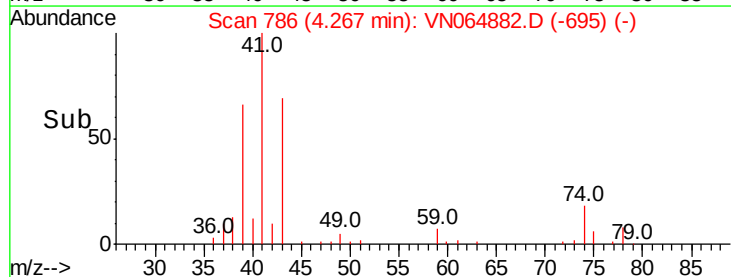
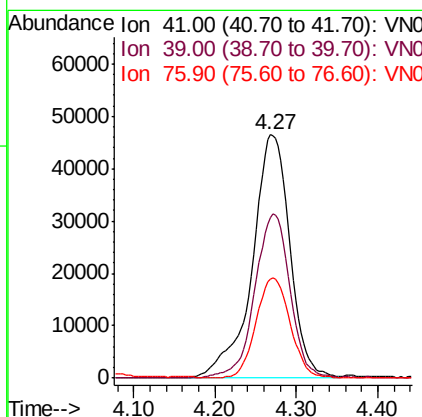
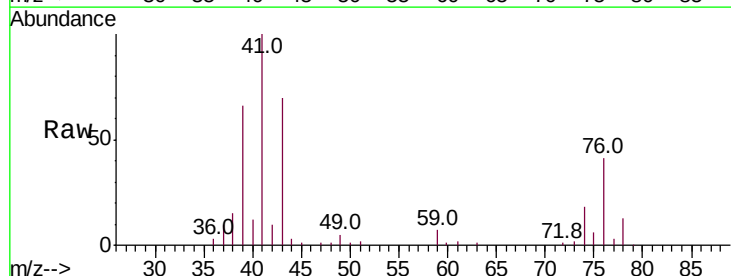
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

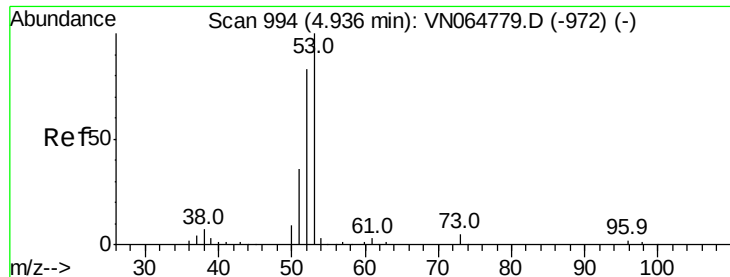
Tot Ion: 56 Resp: 60498
Ion Ratio Lower Upper
56 100
55 72.3 56.5 84.7



#14
Allyl chloride
Concen: 45.358 ug/l
RT: 4.27 min Scan# 786
Delta R.T. -0.01 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 41 Resp: 149603
Ion Ratio Lower Upper
41 100
39 62.8 50.9 76.3
76 37.2 29.0 43.4





#15

Acrylonitrile

Concen: 242.407 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

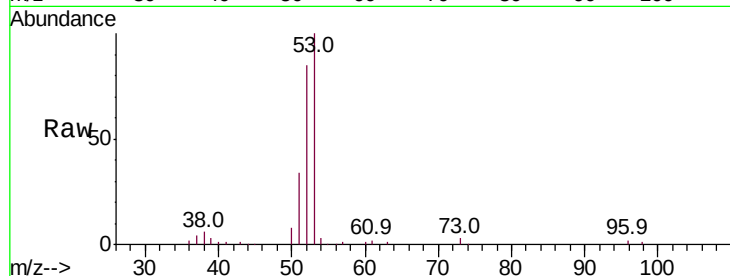
Tot Ion: 53 Resp: 250378

Ion Ratio Lower Upper

53 100

52 81.7 65.5 98.3

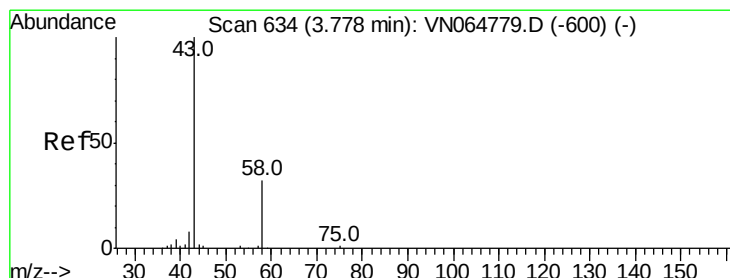
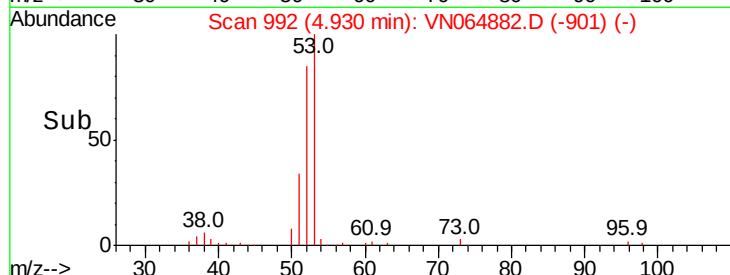
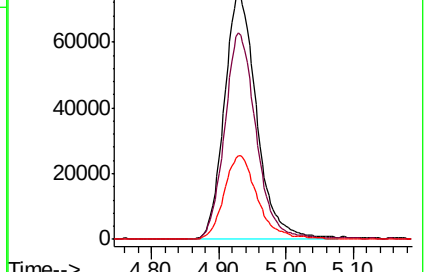
51 35.4 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064779.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN064779.D (-972) (-)



#16

Acetone

Concen: 295.449 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064882.D

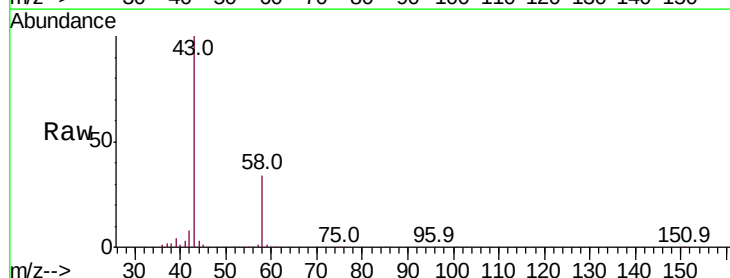
Acq: 1 Dec 2020 15:14

Tgt Ion: 43 Resp: 232848

Ion Ratio Lower Upper

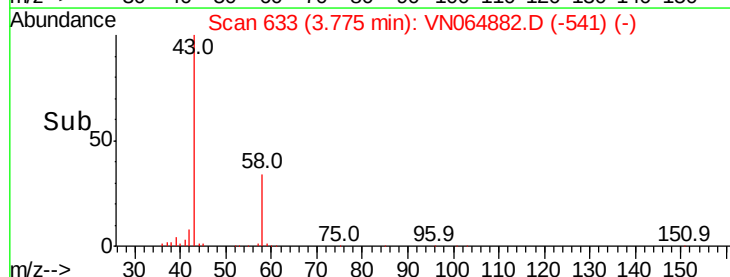
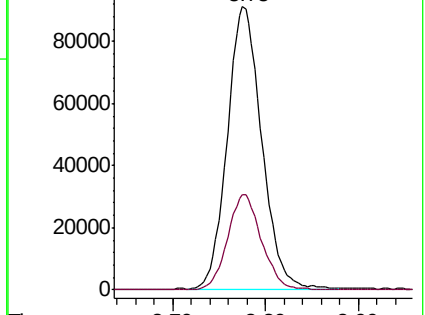
43 100

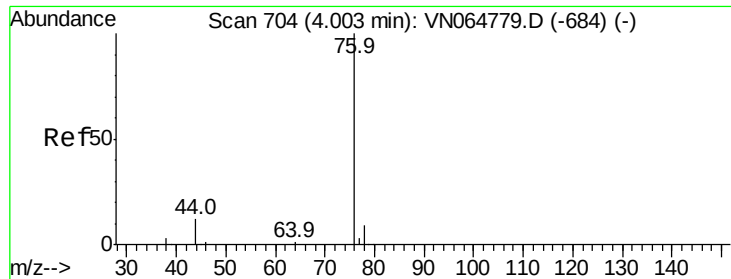
58 33.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)

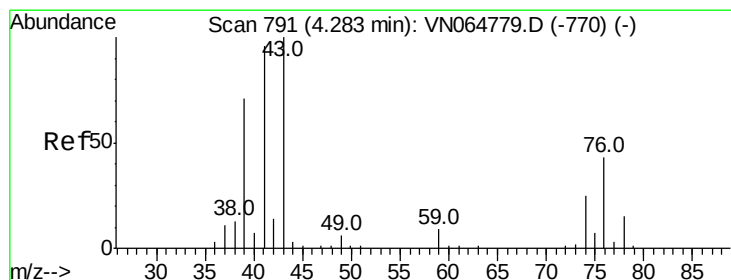
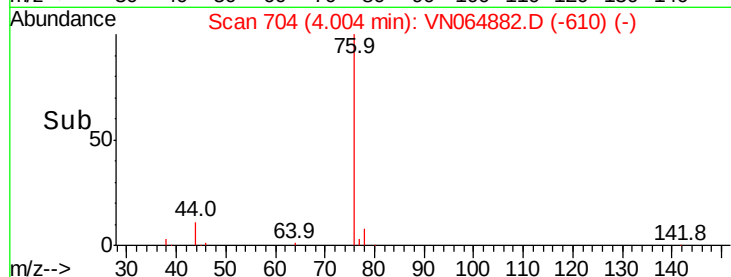
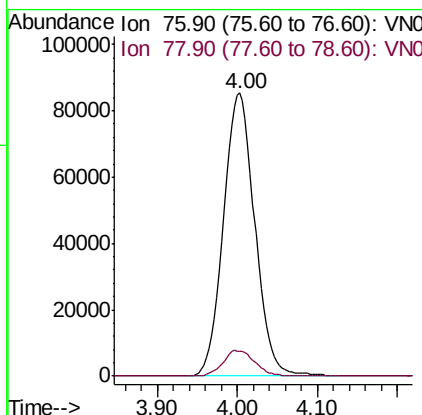
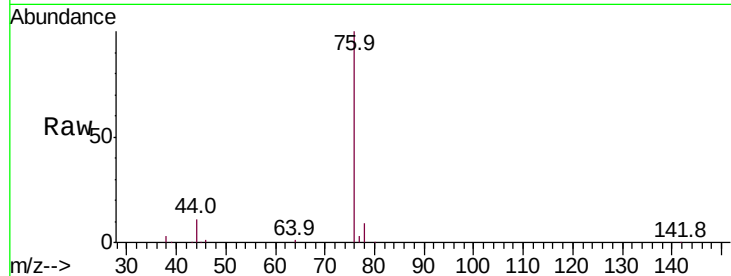




#17
Carbon Disulfide
Concen: 44.375 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

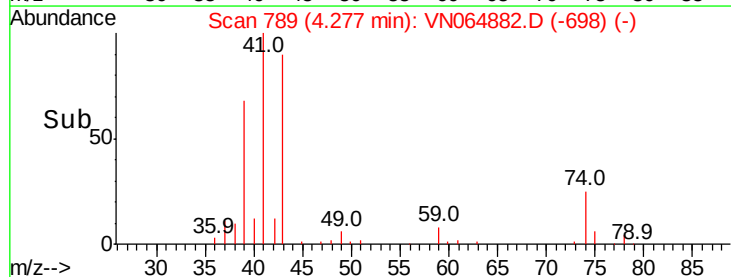
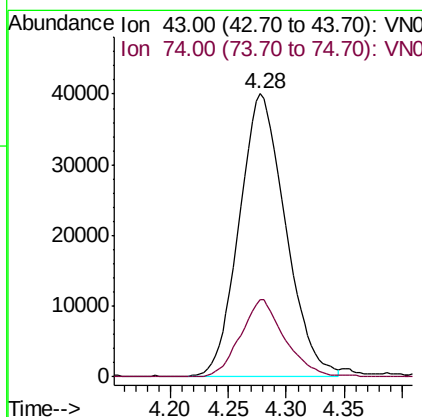
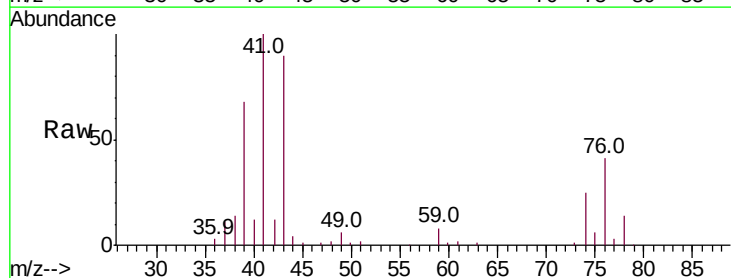
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

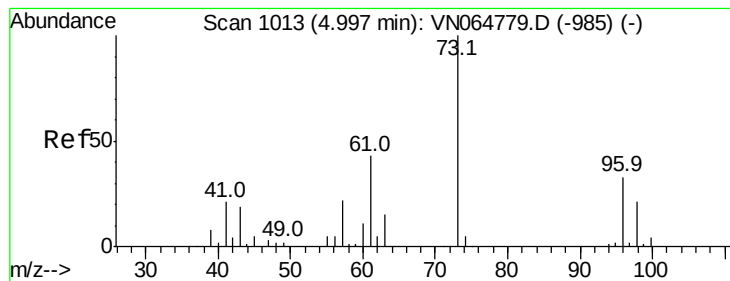
Tot Ion: 76 Resp: 229118
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 47.120 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 43 Resp: 111653
Ion Ratio Lower Upper
43 100
74 25.8 20.2 30.2



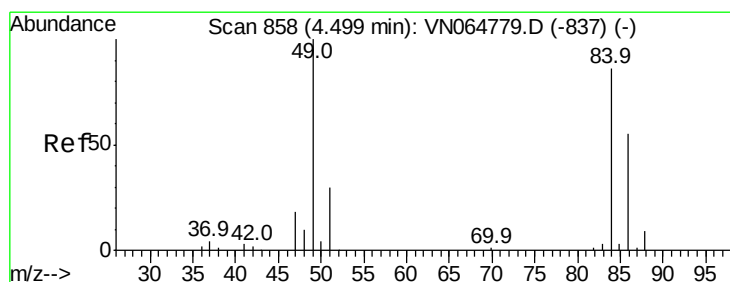
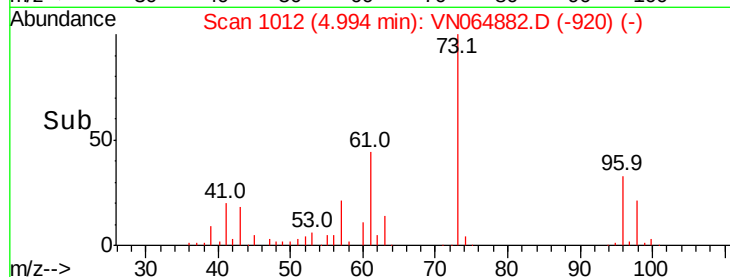
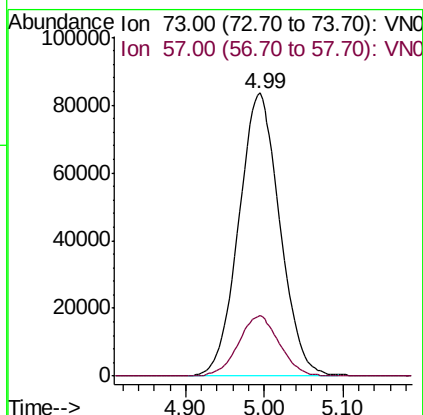
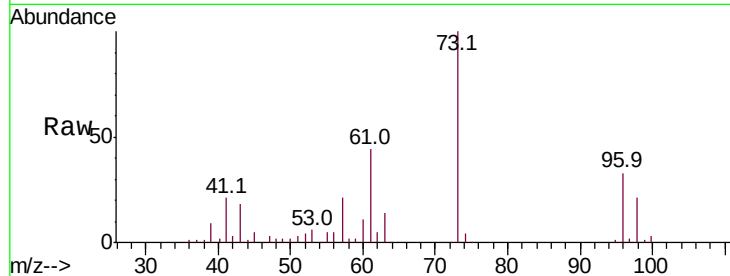


#19

Methvl tert-butvl Ether
 Concen: 47.788 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

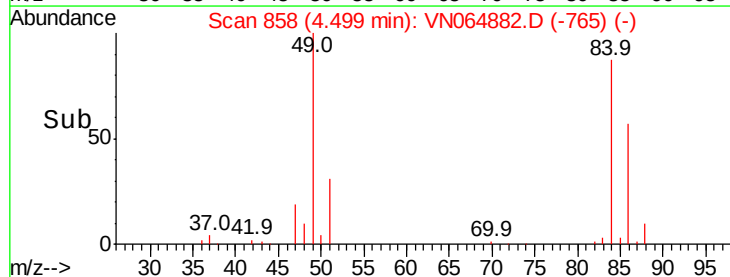
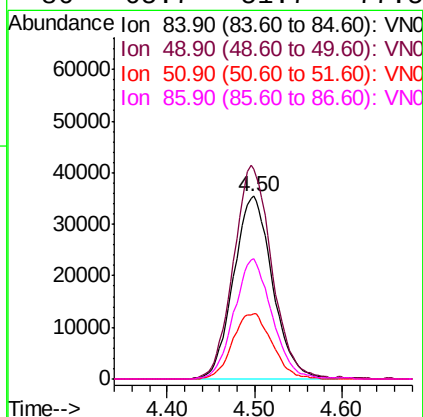
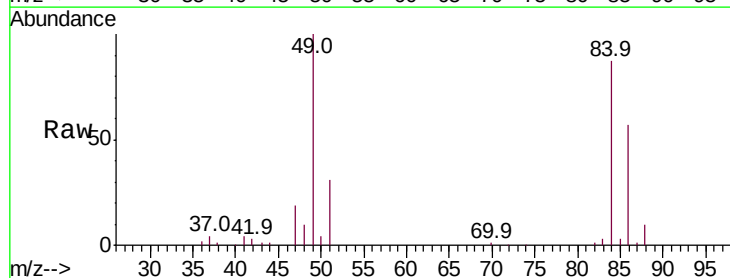
Tot Ion: 73 Resp: 306492
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.4 26.0

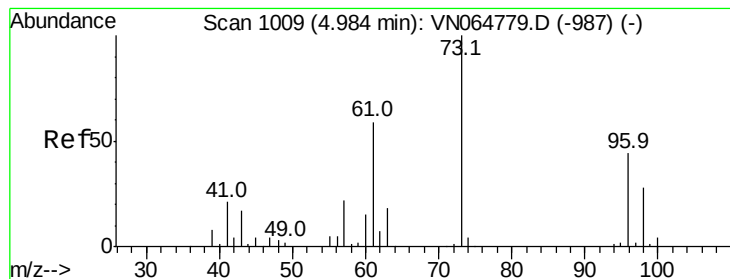


#20

Methylene Chloride
 Concen: 44.415 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion: 84 Resp: 109687
 Ion Ratio Lower Upper
 84 100
 49 114.9 93.4 140.0
 51 36.0 28.2 42.4
 86 65.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 46.012 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

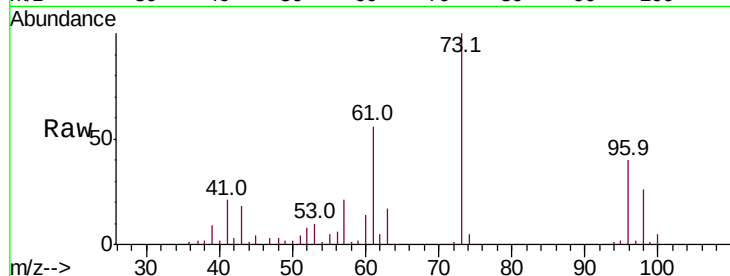
Tot Ion: 96 Resp: 102179

Ion Ratio Lower Upper

96 100

61 137.3 108.4 162.6

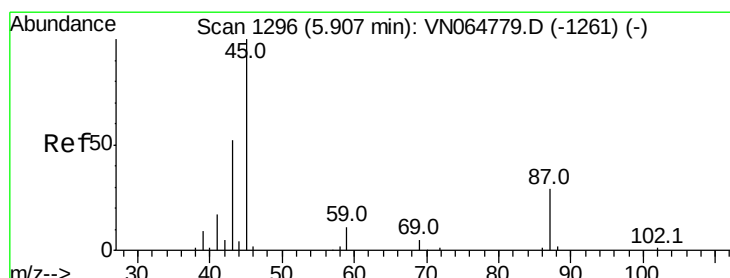
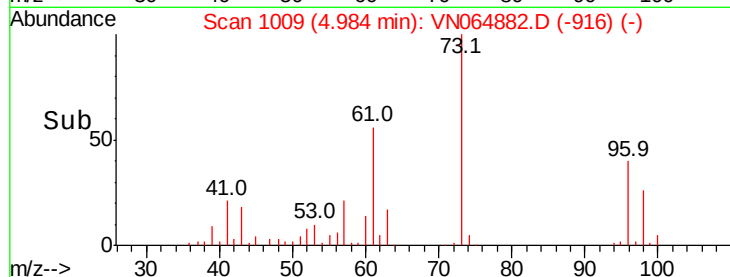
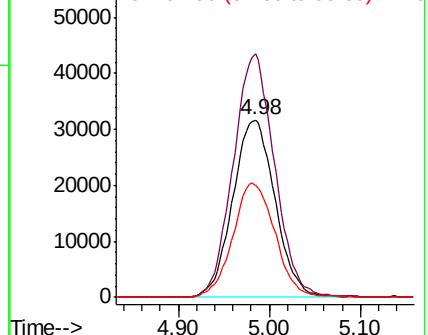
98 63.2 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-987) (-)



#22

Diisopropyl ether

Concen: 48.440 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion: 45 Resp: 319786

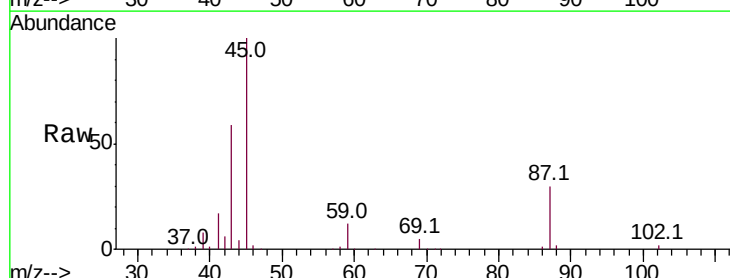
Ion Ratio Lower Upper

45 100

43 57.7 46.2 69.2

87 29.7 24.1 36.1

59 11.5 9.0 13.4

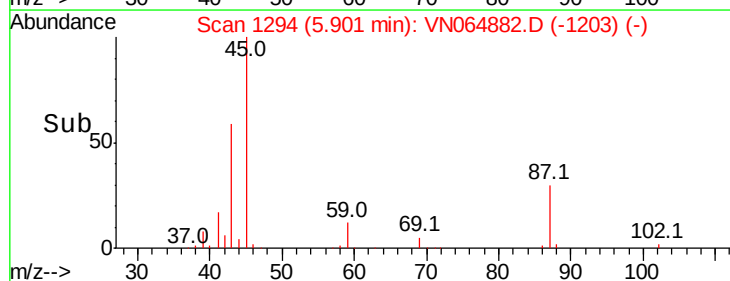
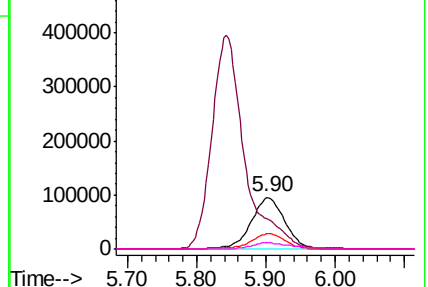


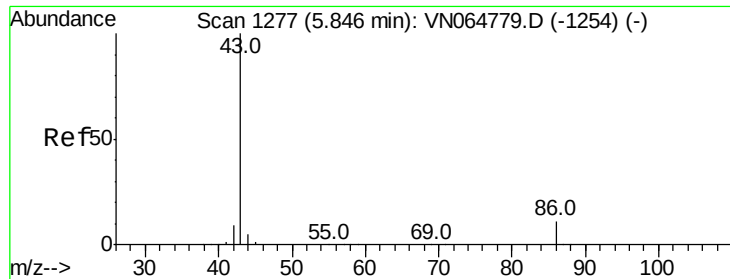
Abundance Ion 45.00 (44.70 to 45.70): VN064779.D (-1261) (-)

Ion 43.00 (42.70 to 43.70): VN064779.D (-1261) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1261) (-)

Ion 59.00 (58.70 to 59.70): VN064779.D (-1261) (-)





#23

Vinyl Acetate

Concen: 246.841 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

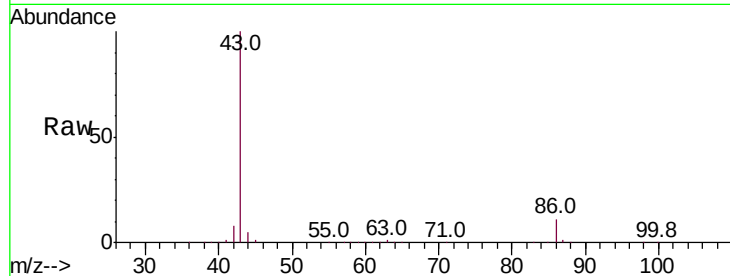
VSTDCCC050EC

Tot Ion: 43 Resp: 1303128

Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN064779.D (-1254) (-)

5.84

400000

300000

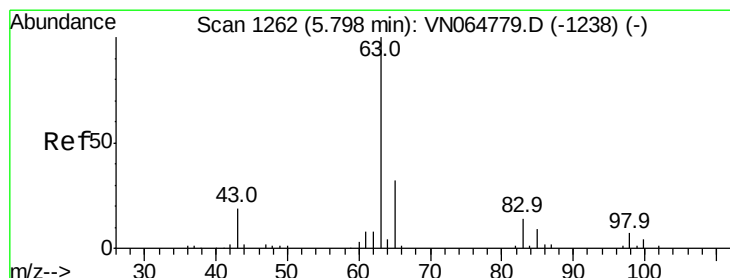
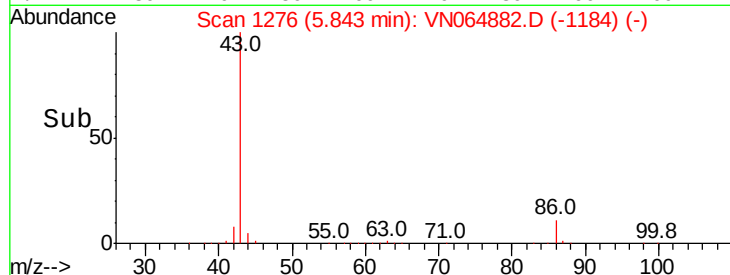
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 47.018 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

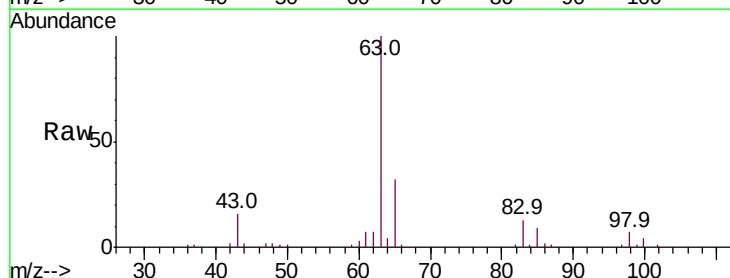
Tgt Ion: 63 Resp: 185506

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064779.D (-1238) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1238) (-)

Ion 99.90 (99.60 to 100.60): VN064779.D (-1238) (-)

80000

60000

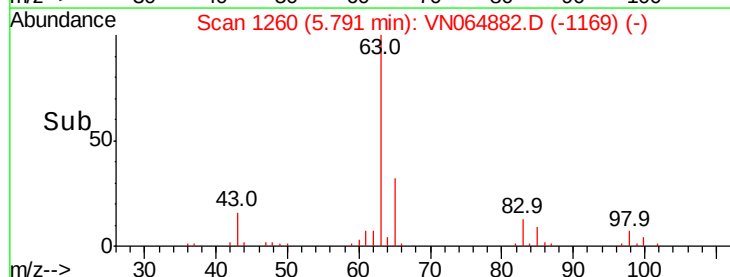
40000

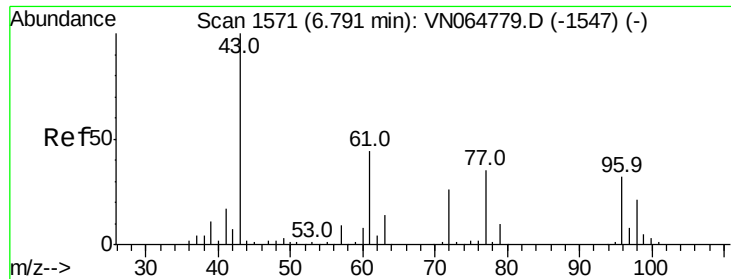
20000

0

5.70 5.80 5.90

Time-->

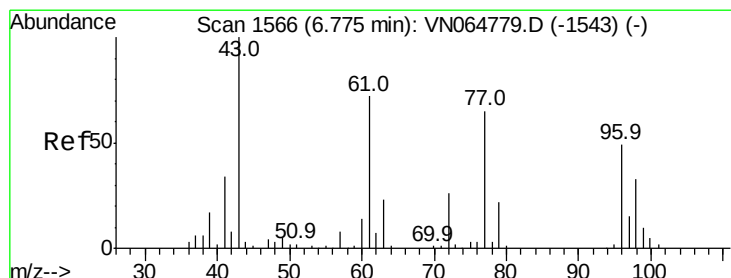
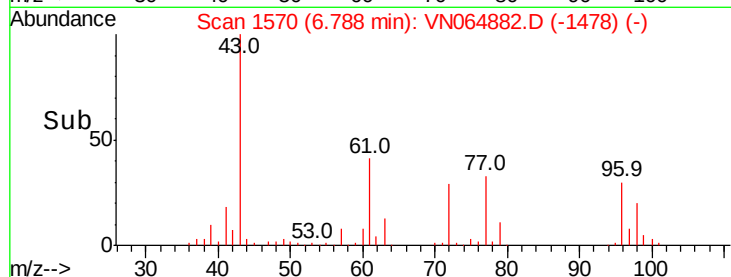
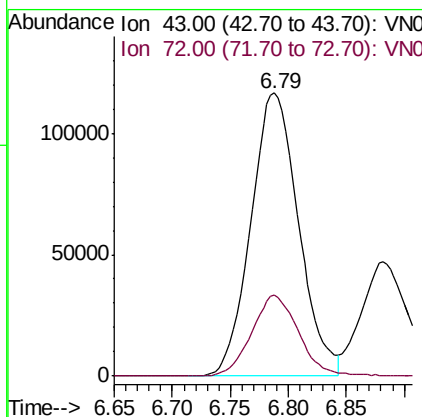
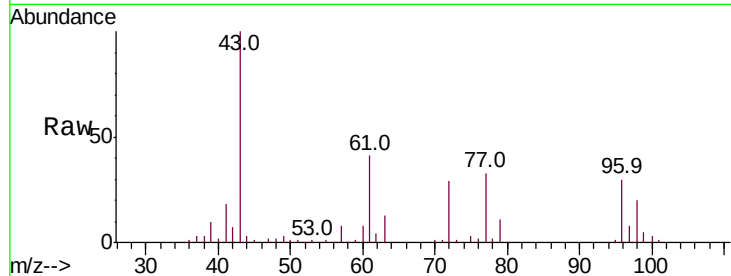




#25
2-Butanone
Concen: 261.387 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

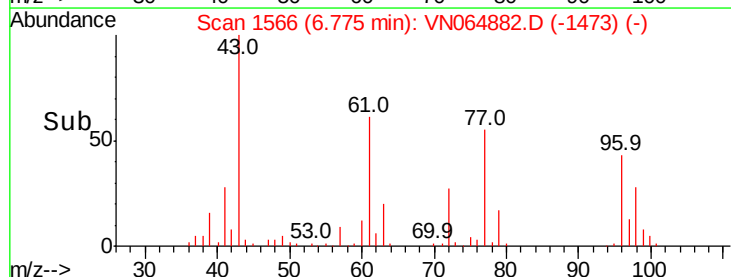
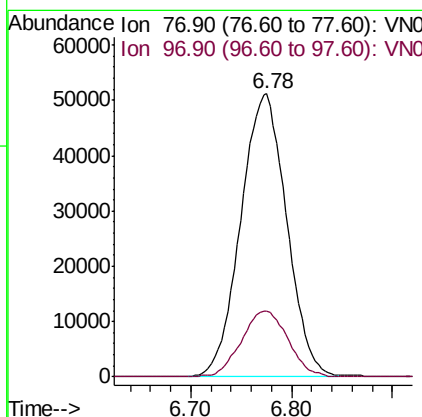
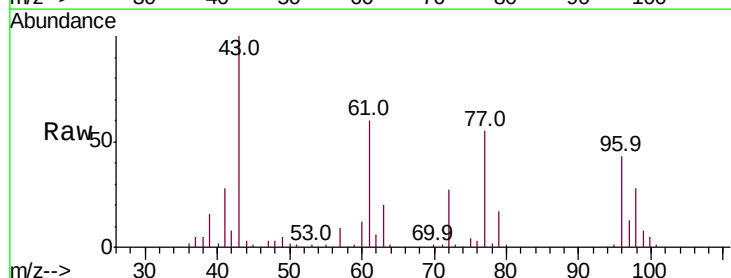
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

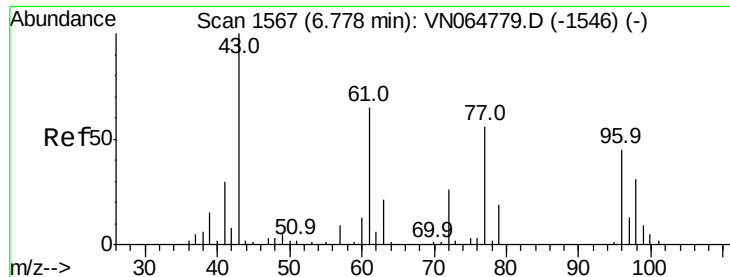
Tot Ion: 43 Resp: 333941
Ion Ratio Lower Upper
43 100
72 28.6 21.0 31.6



#26
2,2-Dichloropropane
Concen: 47.294 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 77 Resp: 161834
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 47.106 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

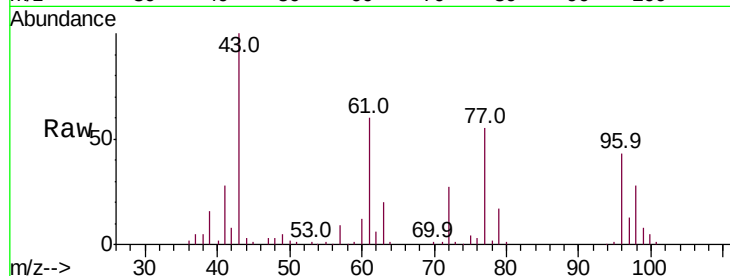
Tot Ion: 96 Resp: 117712

Ion Ratio Lower Upper

96 100

61 141.1 0.0 285.8

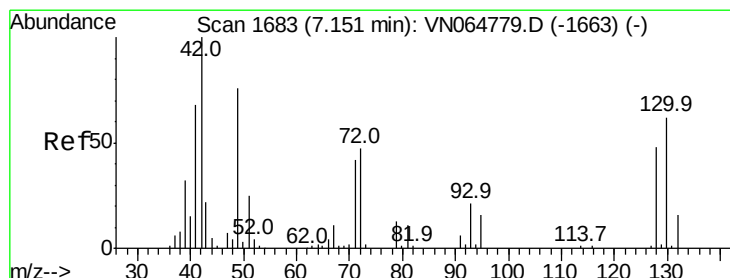
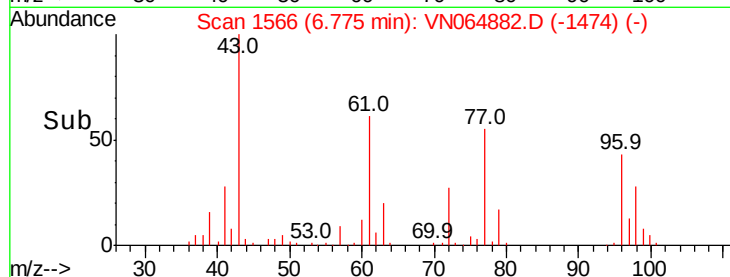
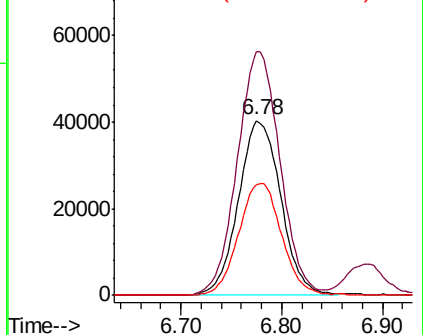
98 64.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1546) (-)



#28

Bromochloromethane

Concen: 44.711 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

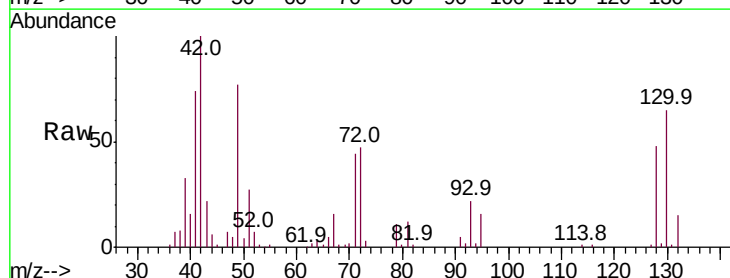
Tgt Ion: 49 Resp: 80700

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

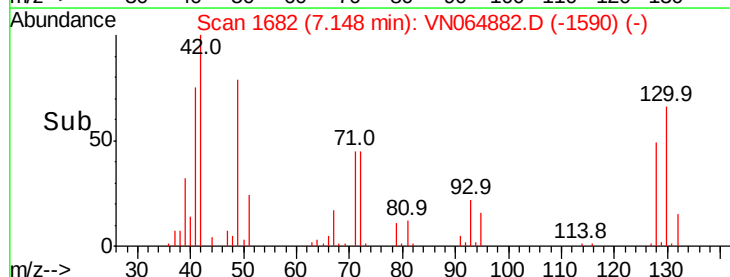
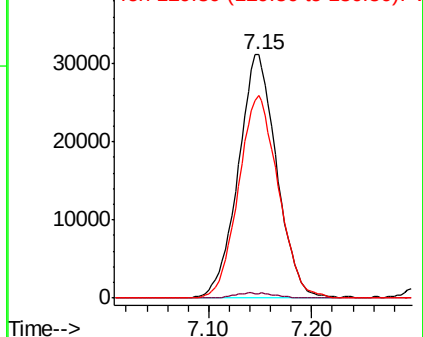
130 86.2 66.2 99.2

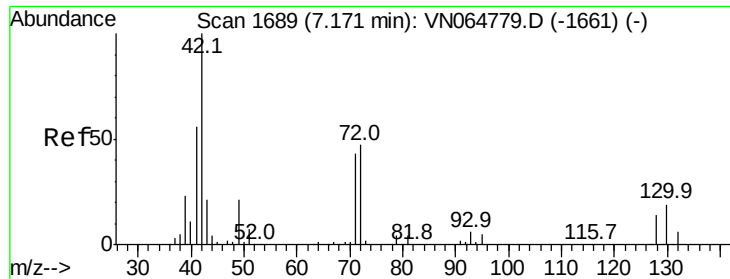


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN064779.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN064779.D (-1663) (-)

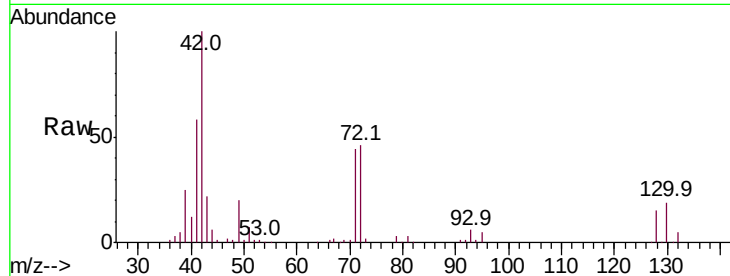




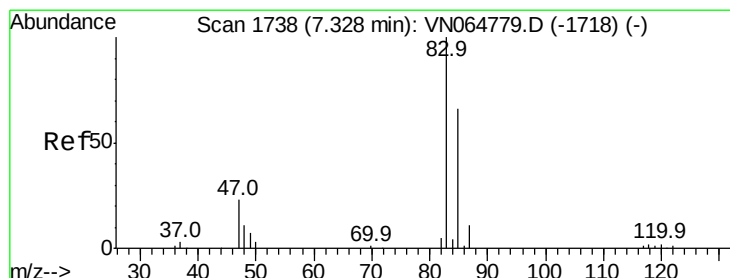
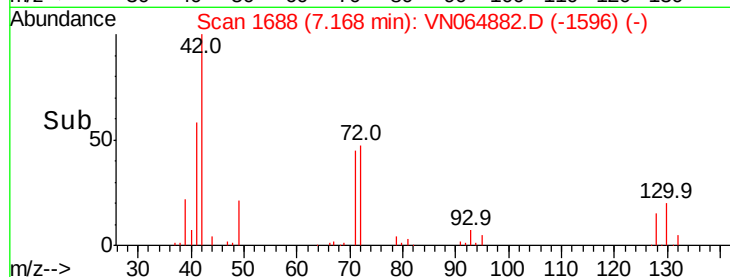
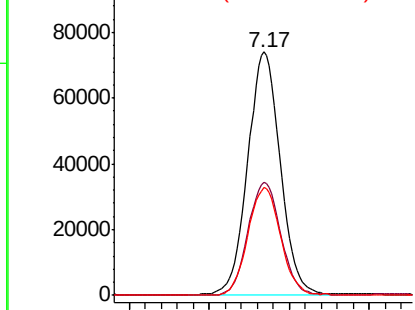
#29
Tetrahydrofuran
Concen: 234.797 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 207067
Ion Ratio Lower Upper
42 100
72 46.4 36.6 54.8
71 44.1 33.6 50.4

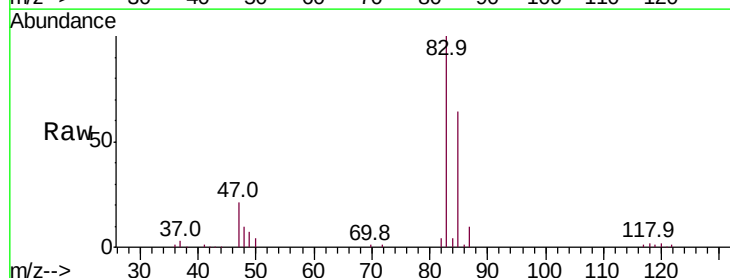


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

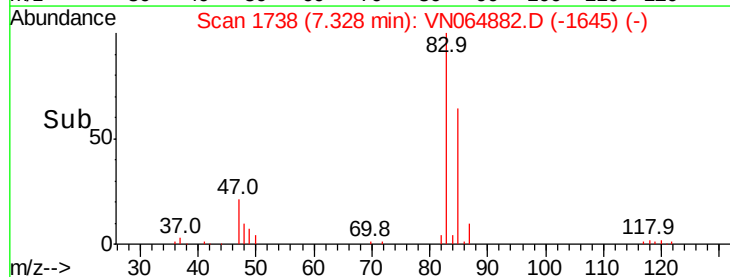
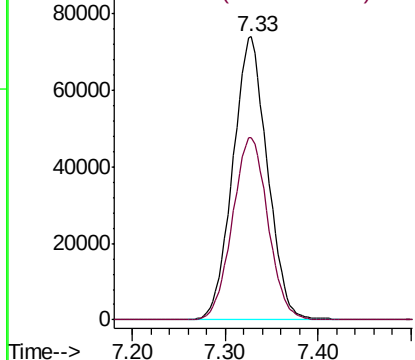


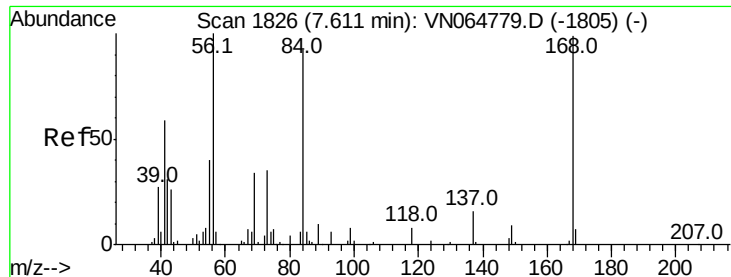
#30
Chloroform
Concen: 47.042 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 83 Resp: 191396
Ion Ratio Lower Upper
83 100
85 64.4 52.6 78.8



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

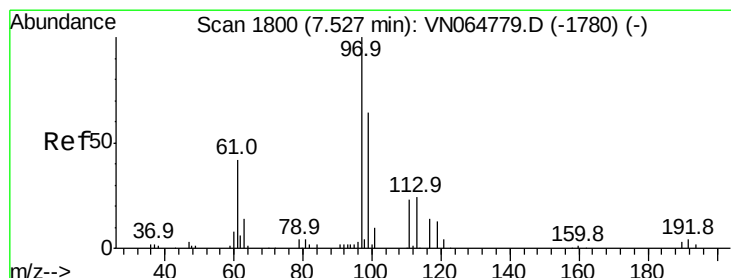
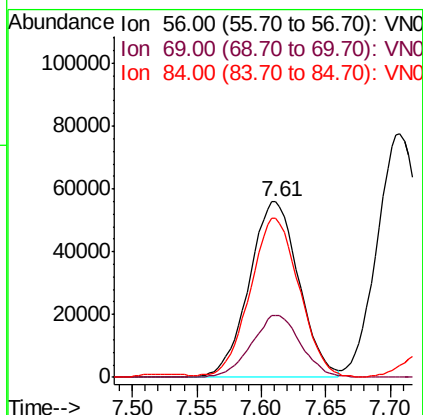
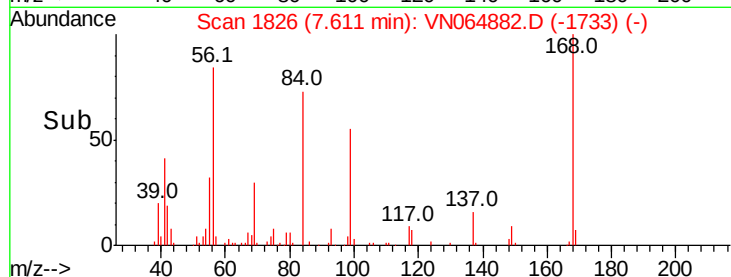
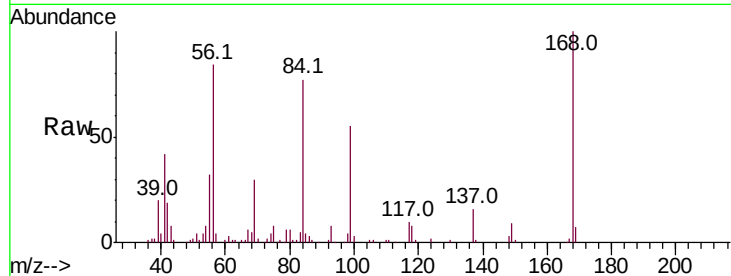




#31
Cyclohexane
Concen: 44.988 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

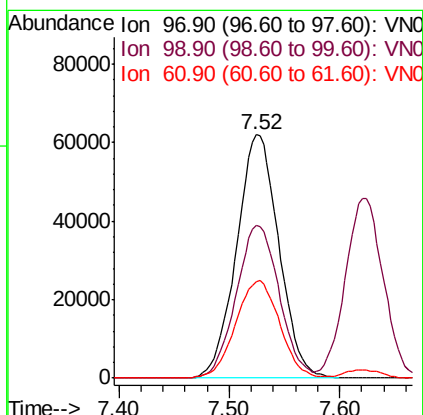
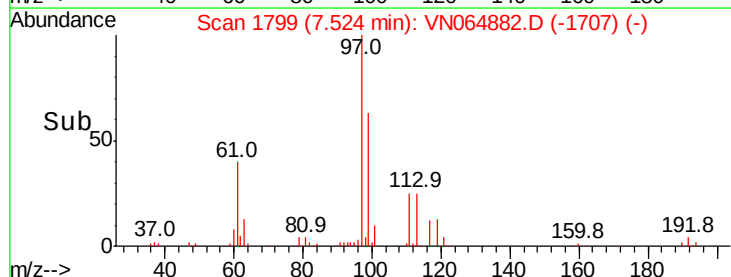
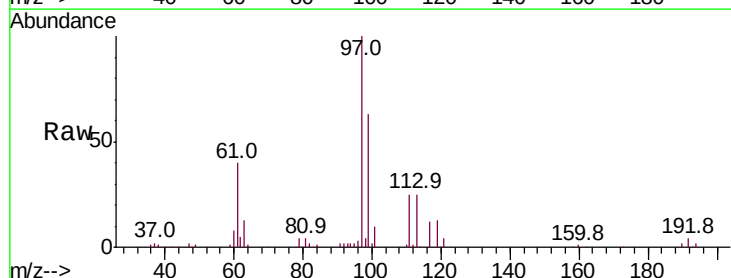
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

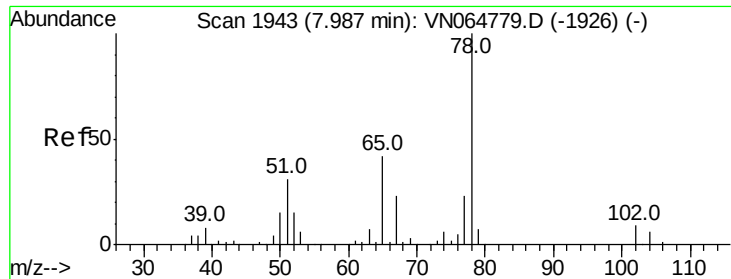
Tot Ion: 56 Resp: 150326
Ion Ratio Lower Upper
56 100
69 35.5 27.5 41.3
84 89.5 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 47.194 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 97 Resp: 164919
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 41.7 33.9 50.9

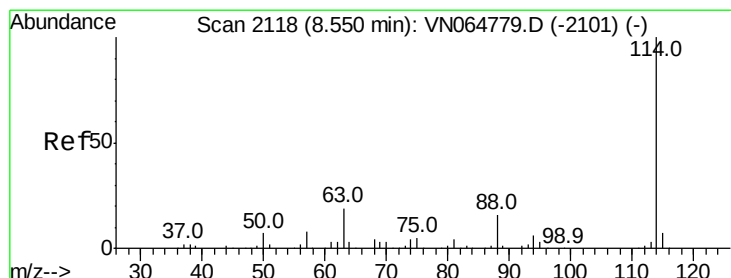
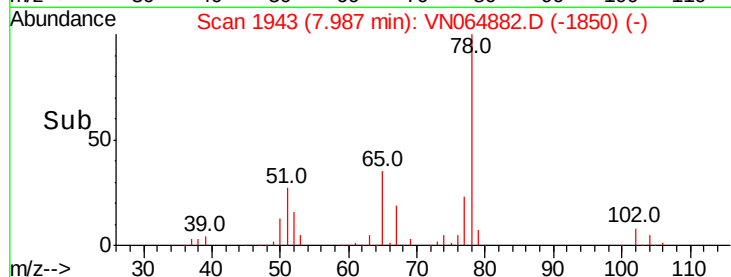
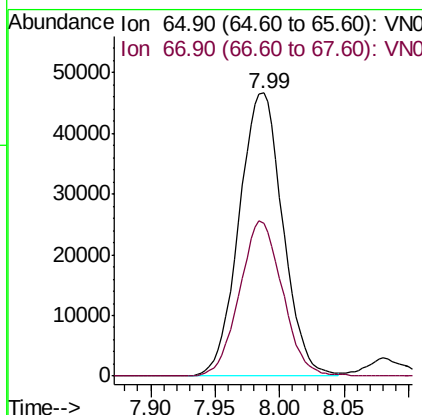
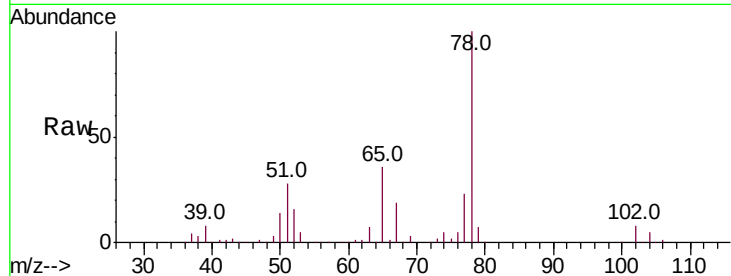




#33
 1,2-Dichloroethane-d4
 Concen: 45.970 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

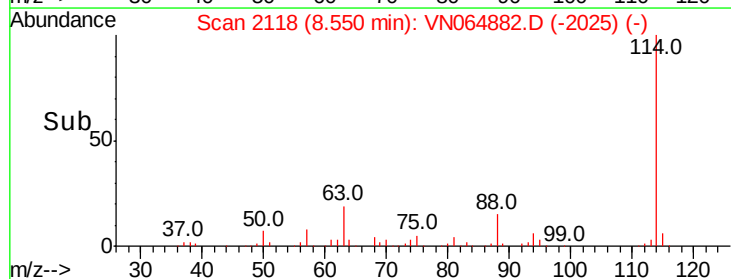
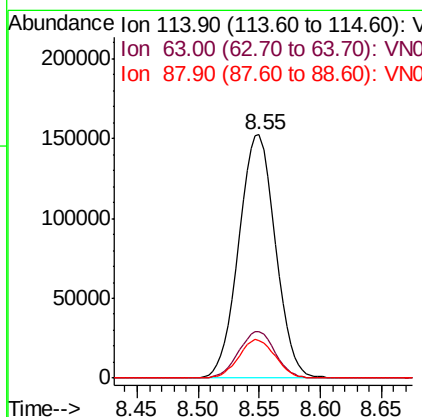
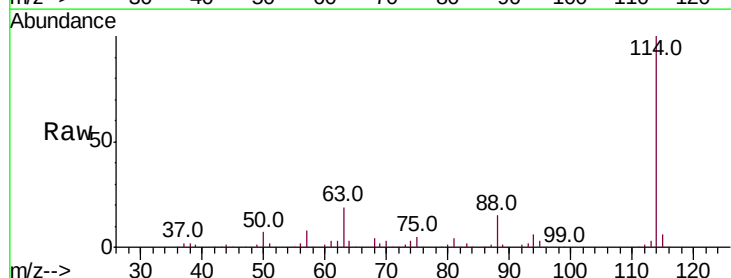
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

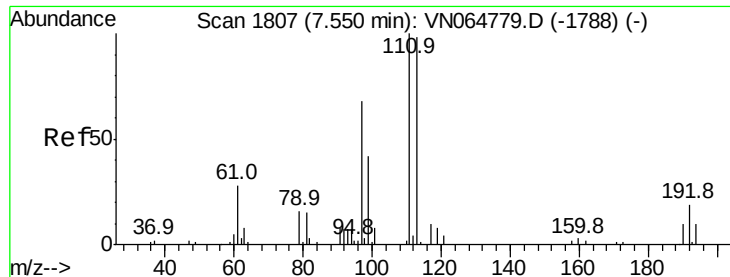
Tot Ion: 65 Resp: 110211
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion: 114 Resp: 316827
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.264 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

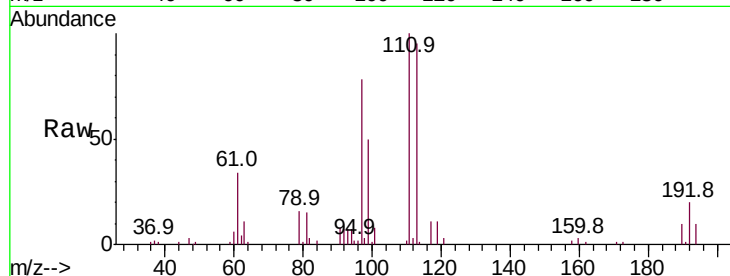
Tot Ion:113 Resp: 93395

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

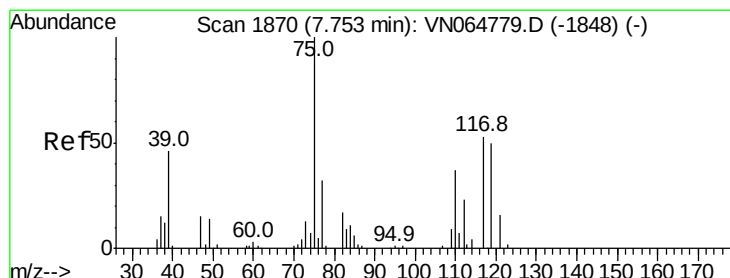
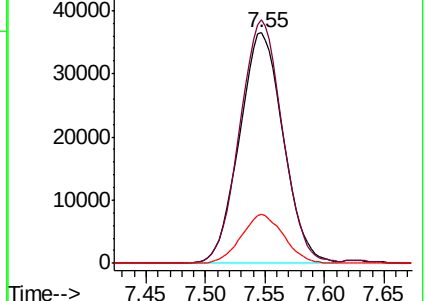
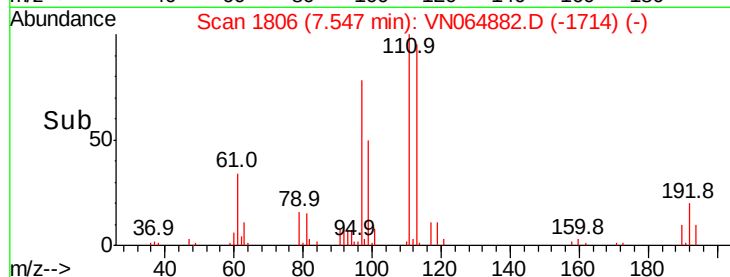
192 20.3 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.076 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

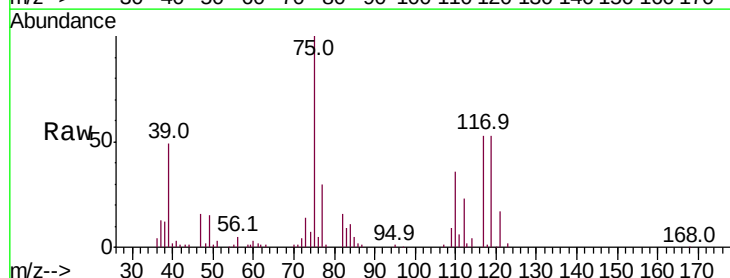
Tgt Ion: 75 Resp: 141184

Ion Ratio Lower Upper

75 100

110 36.8 17.8 53.3

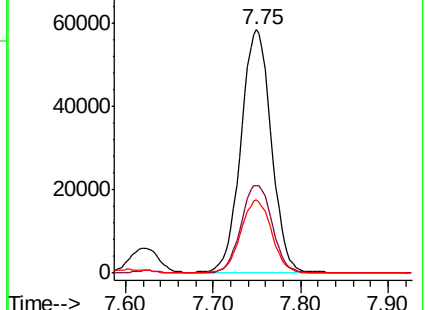
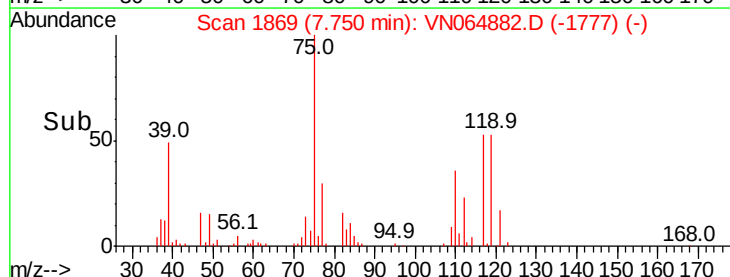
77 30.5 25.0 37.4

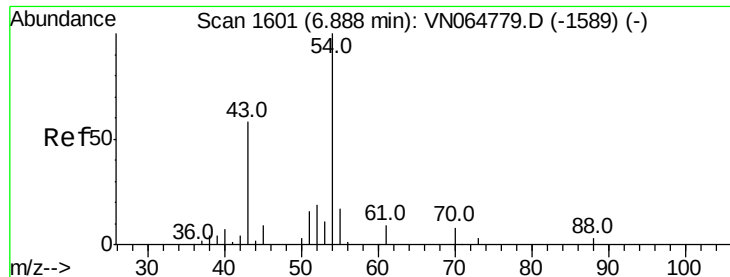


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

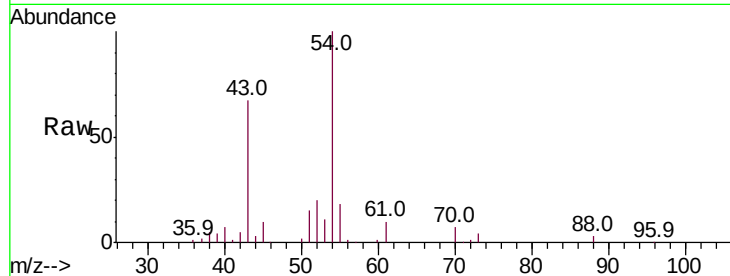




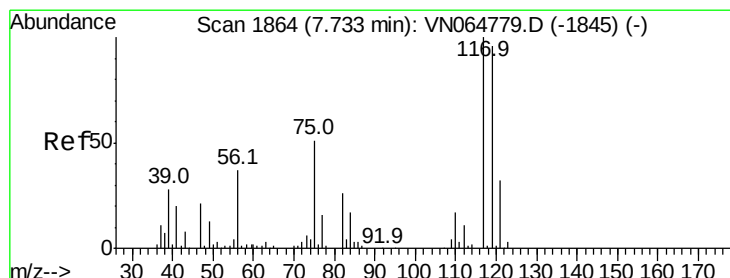
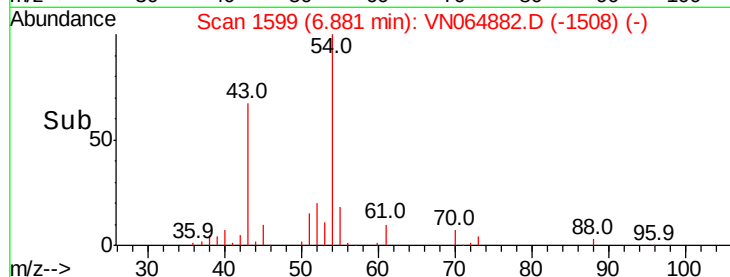
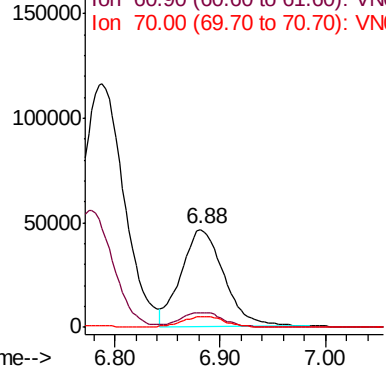
#37
Ethyl Acetate
Concen: 46.737 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 132209
Ion Ratio Lower Upper
43 100
61 14.5 12.8 19.2
70 11.4 8.8 13.2

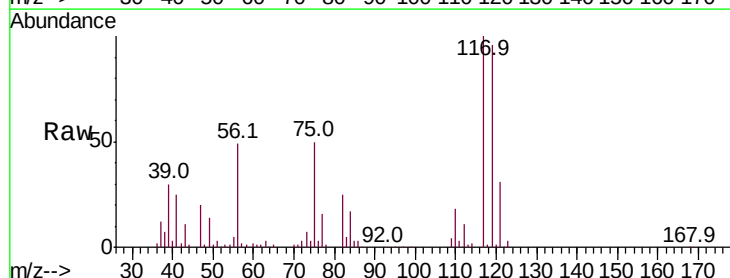


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

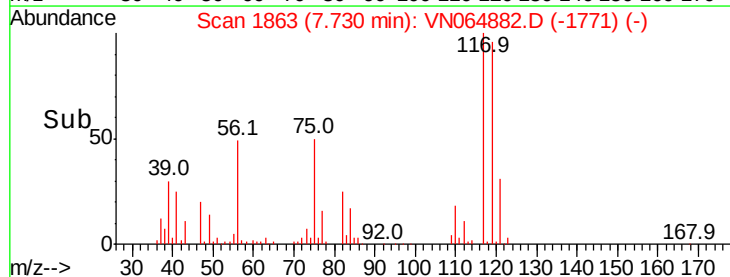
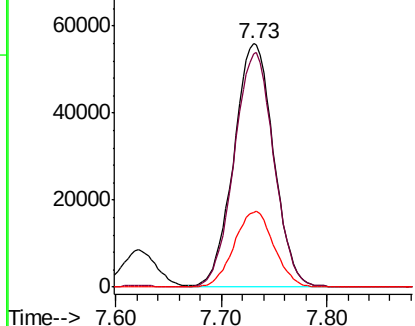


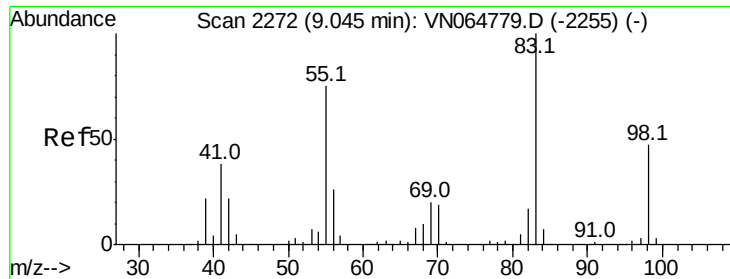
#38
Carbon Tetrachloride
Concen: 48.165 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 117 Resp: 147172
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1
121 30.9 25.4 38.2



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

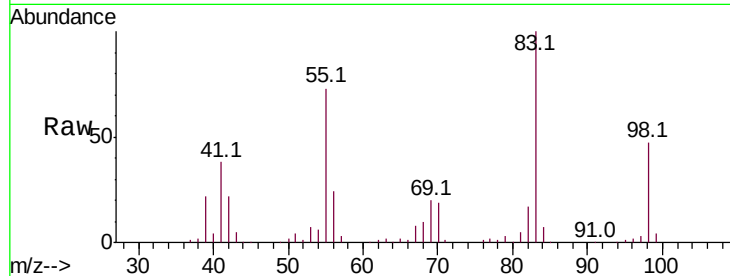




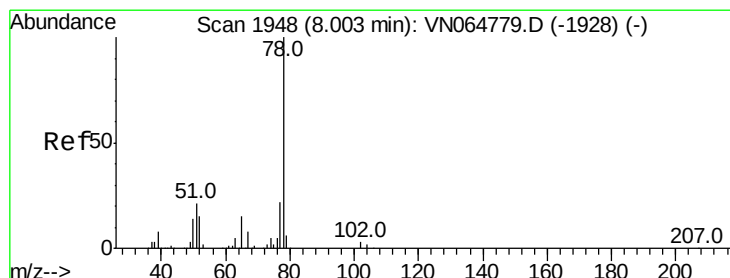
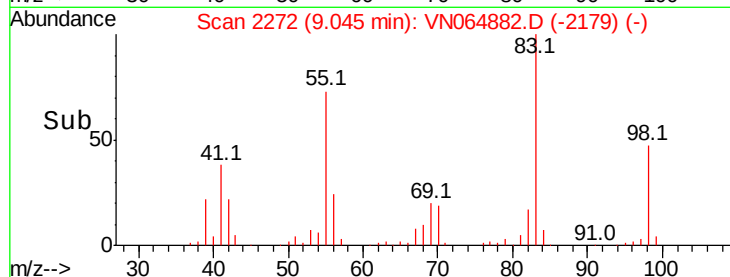
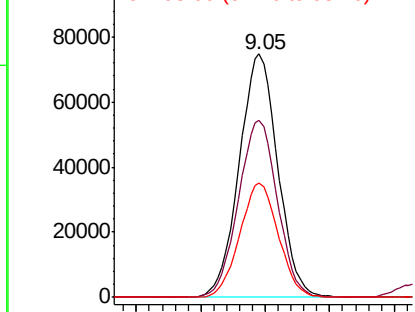
#39
Methylvlcyclohexane
Concen: 49.204 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 155550
Ion Ratio Lower Upper
83 100
55 72.9 60.2 90.2
98 46.9 37.4 56.2

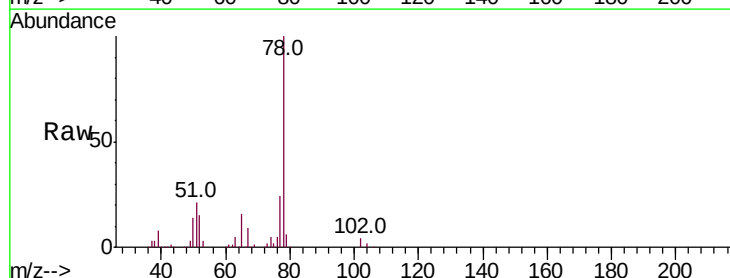


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

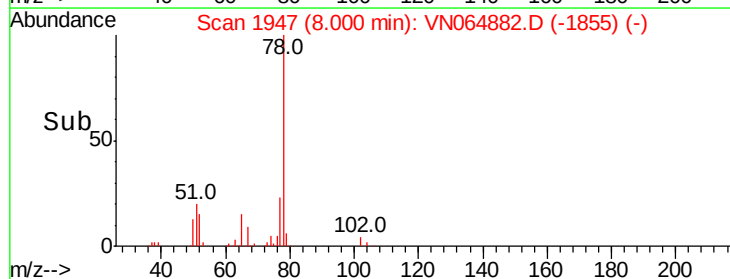
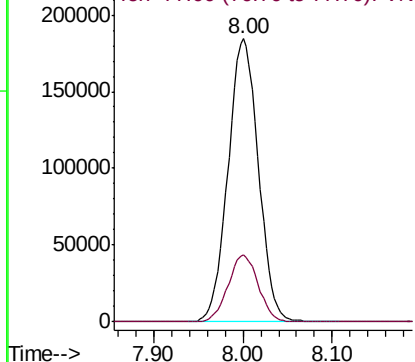


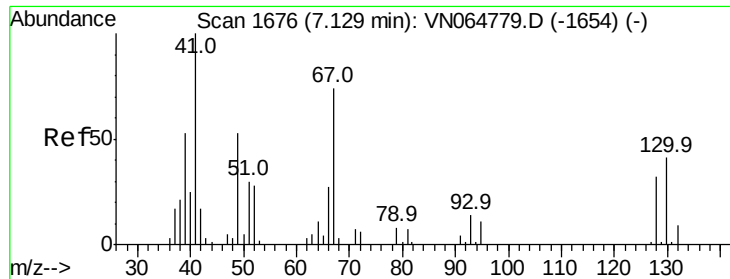
#40
Benzene
Concen: 48.370 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 78 Resp: 435281
Ion Ratio Lower Upper
78 100
77 23.6 17.9 26.9



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

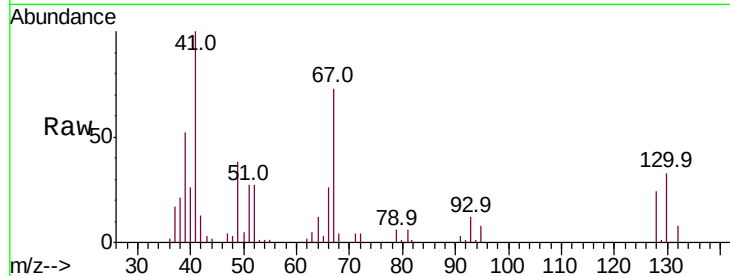




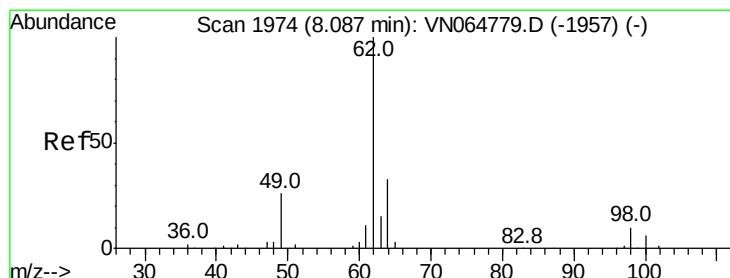
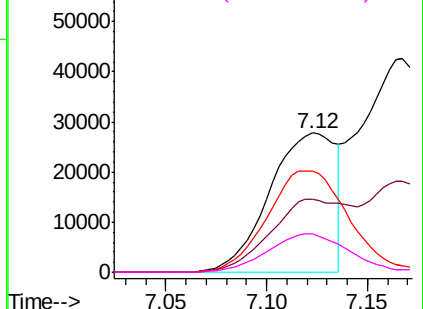
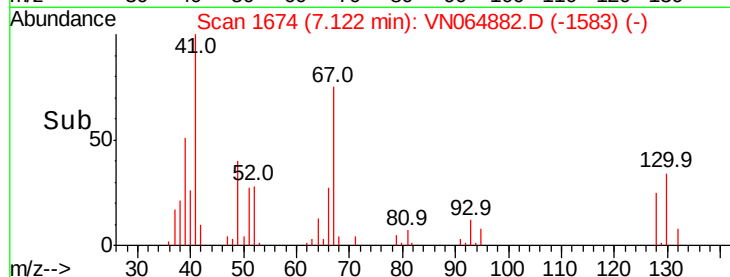
#41
Methacrylonitrile
Concen: 48.528 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 63342
Ion Ratio Lower Upper
41 100
39 63.8 51.0 76.6
67 89.9 79.8 119.8
52 34.3 31.5 47.3

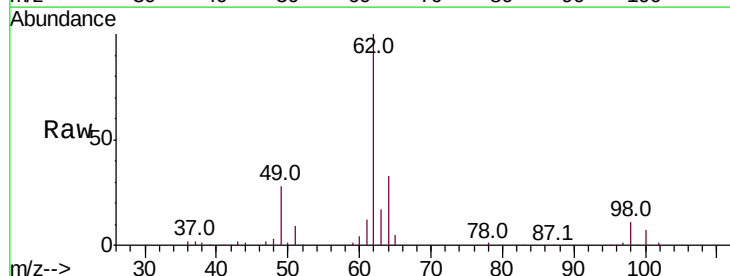


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

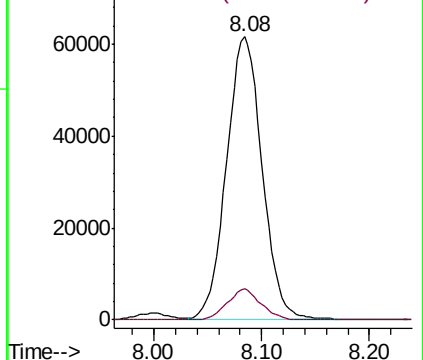
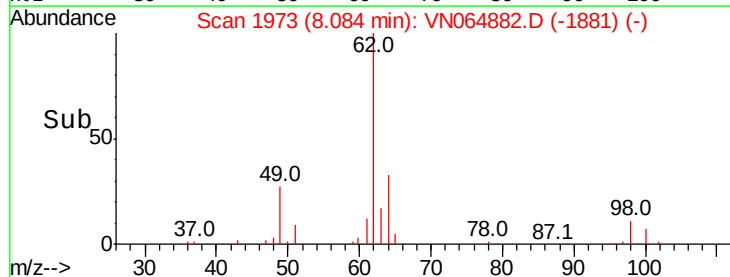


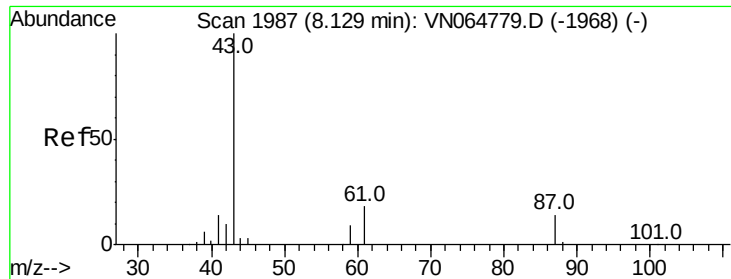
#42
1,2-Dichloroethane
Concen: 46.543 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 62 Resp: 141293
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 47.422 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

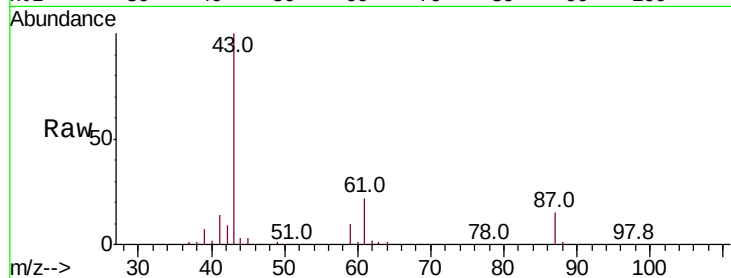
Tot Ion: 43 Resp: 215861

Ion Ratio Lower Upper

43 100

61 22.2 17.2 25.8

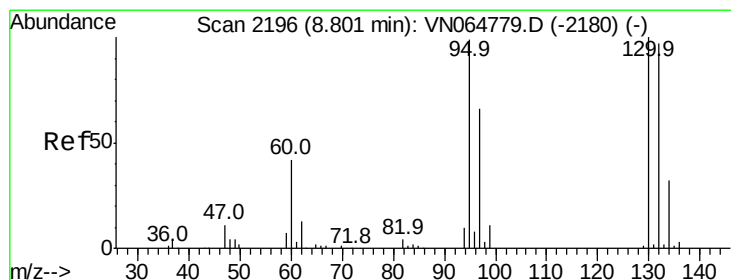
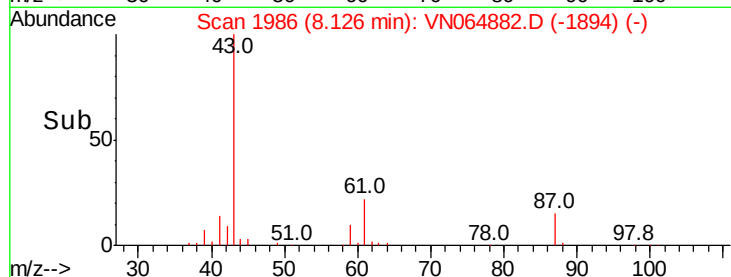
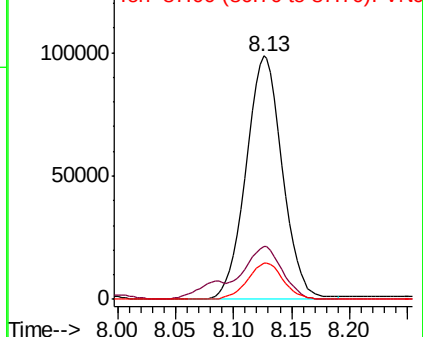
87 14.5 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 47.661 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064882.D

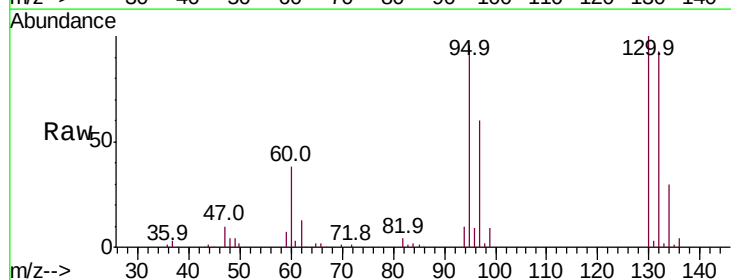
Acq: 1 Dec 2020 15:14

Tgt Ion:130 Resp: 126547

Ion Ratio Lower Upper

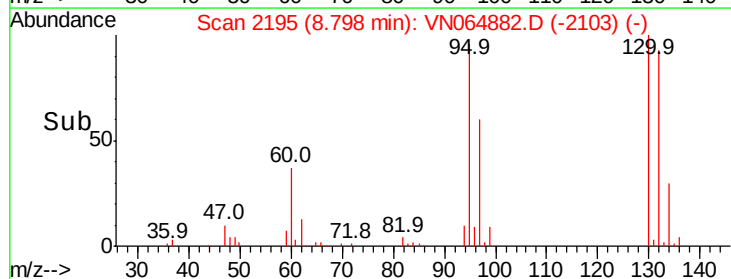
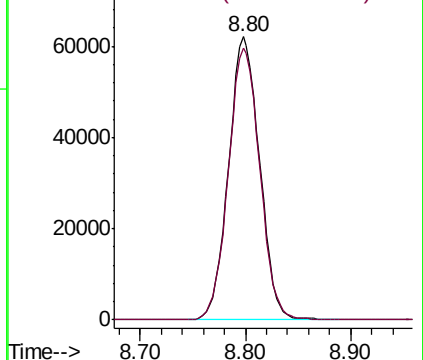
130 100

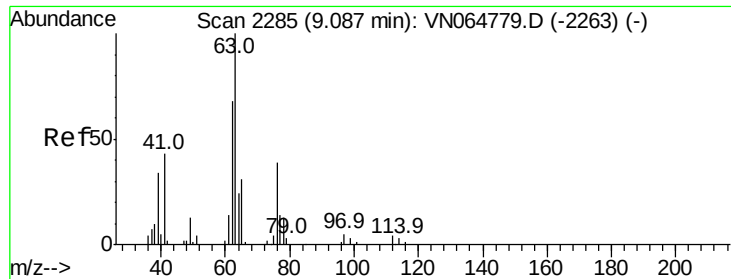
95 95.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 49.327 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

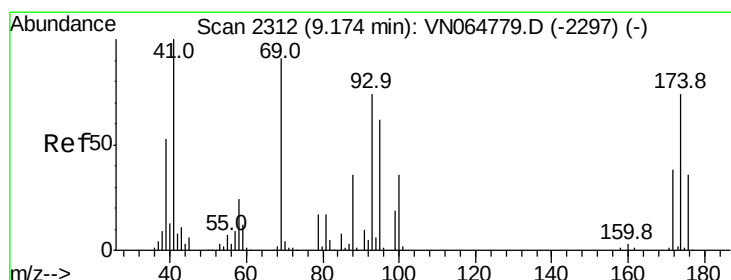
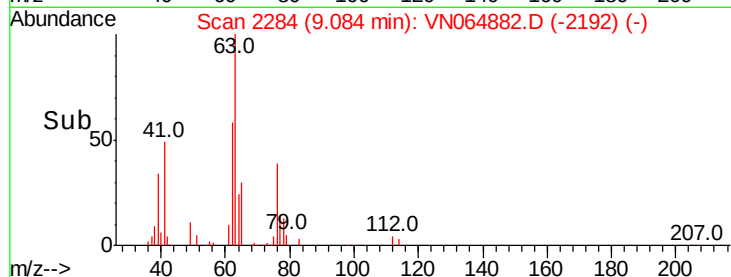
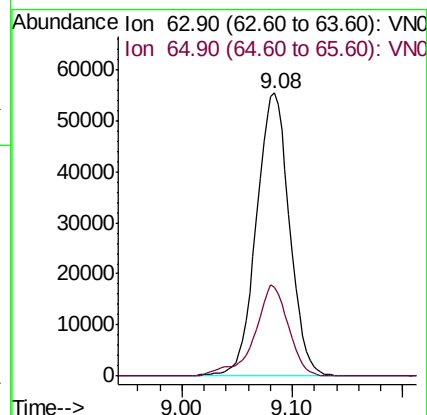
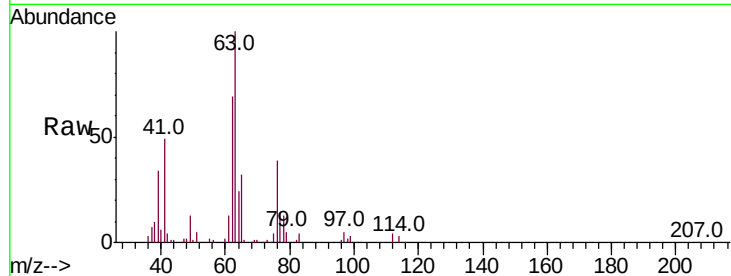
VSTDCCC050EC

Tot Ion: 63 Resp: 114954

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#46

Dibromomethane

Concen: 49.116 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

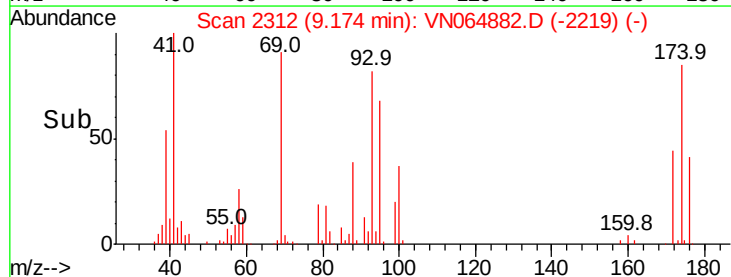
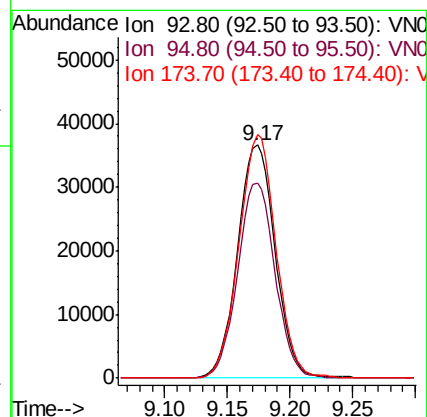
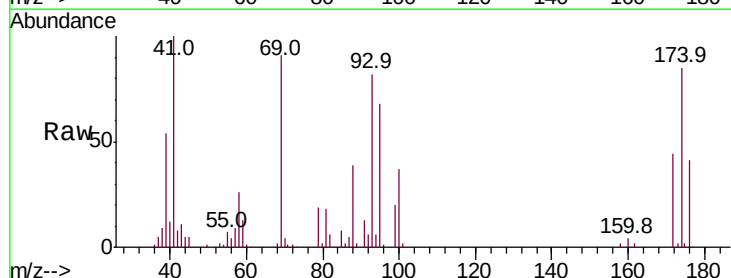
Tgt Ion: 93 Resp: 76468

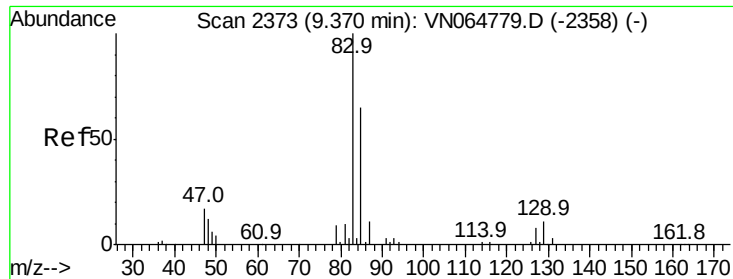
Ion Ratio Lower Upper

93 100

95 83.0 68.8 103.2

174 102.4 83.1 124.7





#47

Bromodichloromethane

Concen: 48.183 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

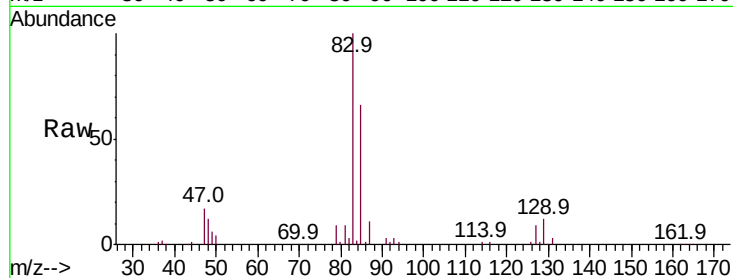
Tot Ion: 83 Resp: 150940

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.8

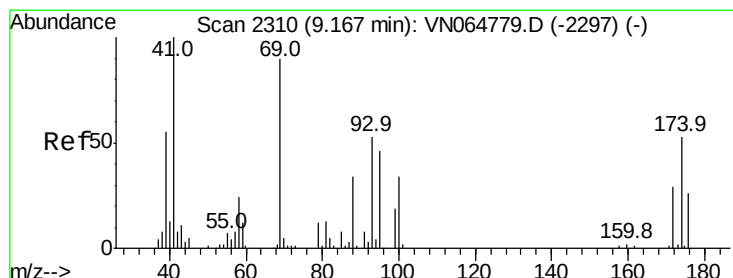
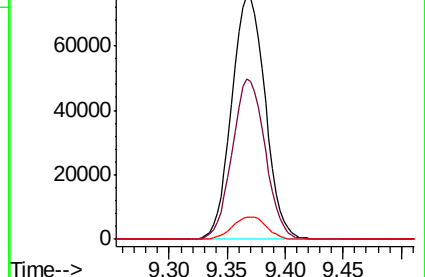
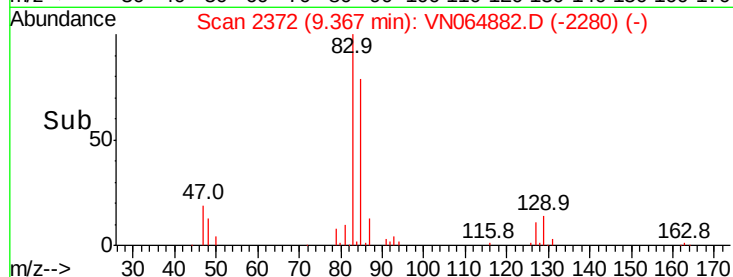
127 9.2 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)



#48

Methyl methacrylate

Concen: 48.136 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

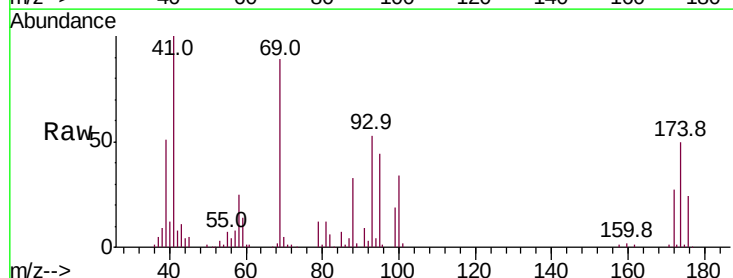
Tgt Ion: 41 Resp: 104698

Ion Ratio Lower Upper

41 100

69 93.7 71.8 107.8

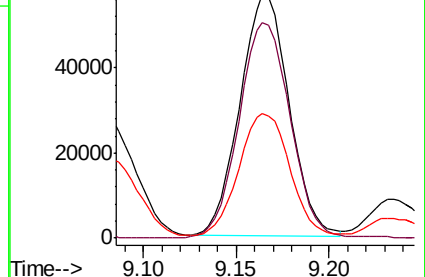
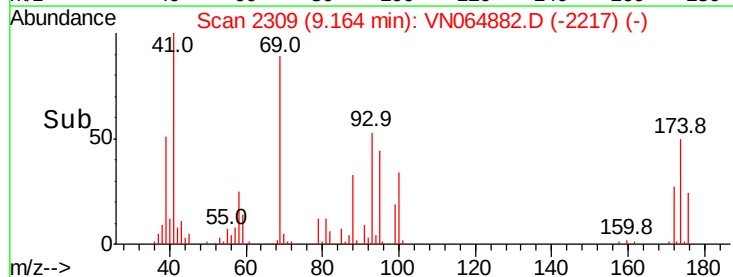
39 54.8 44.1 66.1

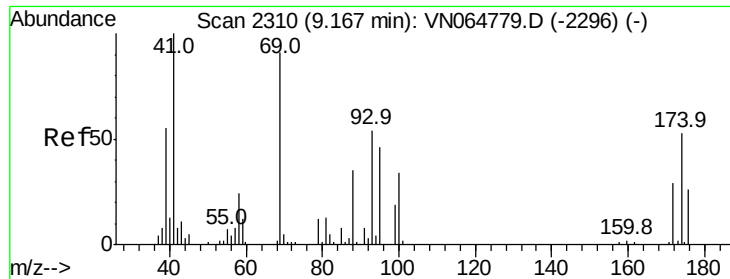


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)

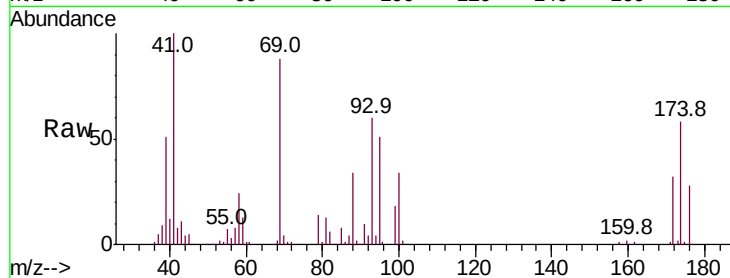




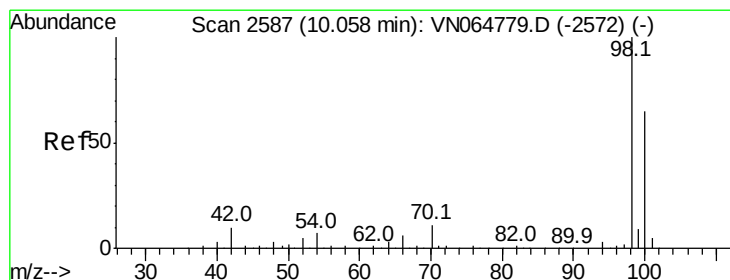
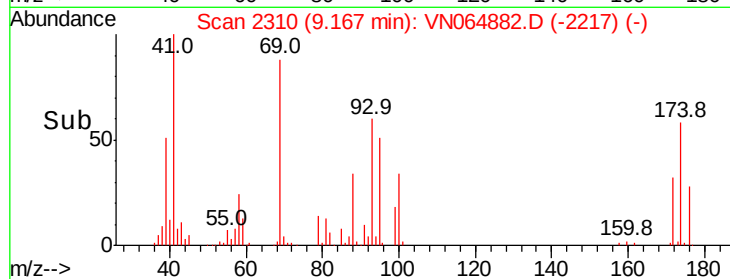
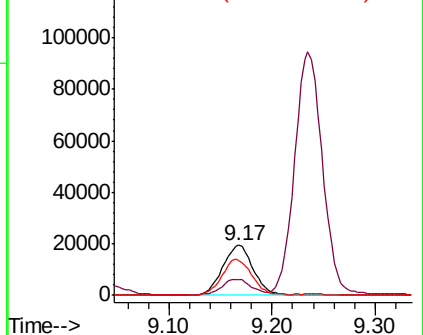
#49
1,4-Dioxane
Concen: 984.699 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 40480
Ion Ratio Lower Upper
88 100
43 31.4 24.2 36.4
58 70.2 52.5 78.7

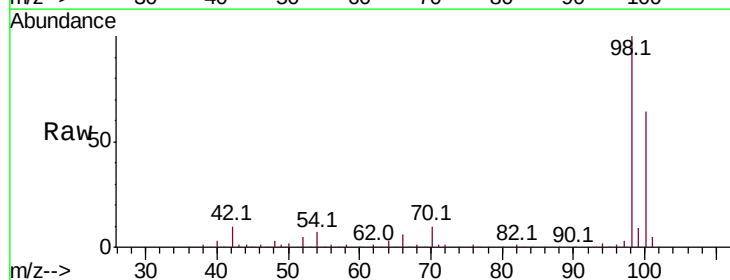


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

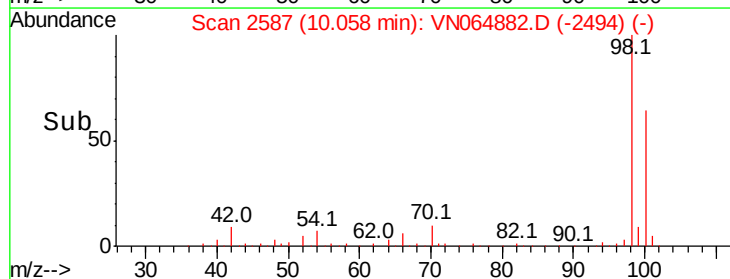
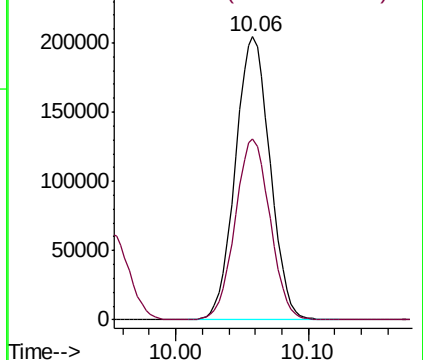


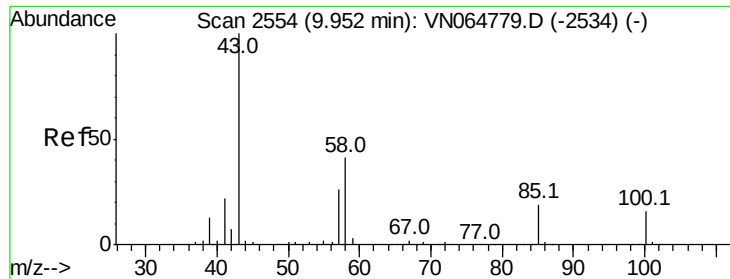
#50
Toluene-d8
Concen: 47.942 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 98 Resp: 371364
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 247.463 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

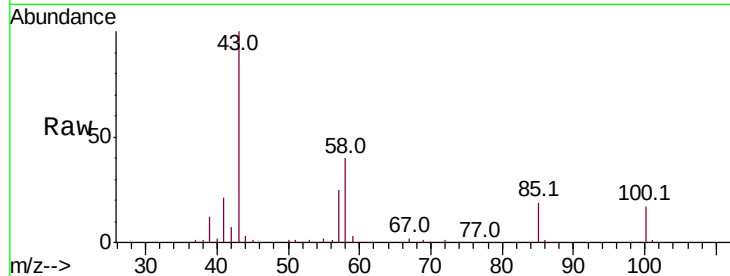
VSTDCCC050EC

Tot Ion: 43 Resp: 676246

Ion Ratio Lower Upper

43 100

58 40.6 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

400000

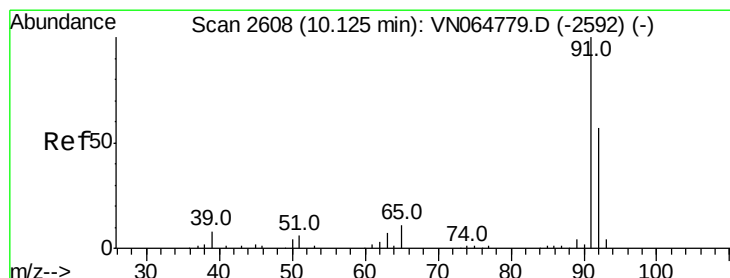
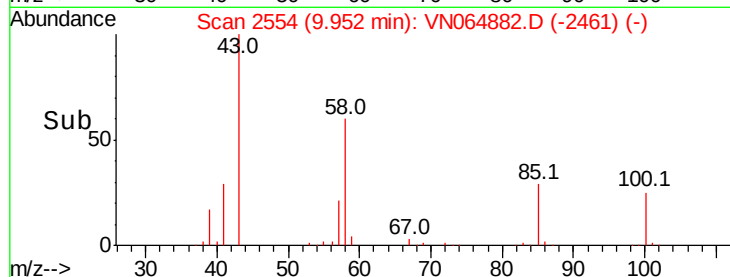
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.282 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064882.D

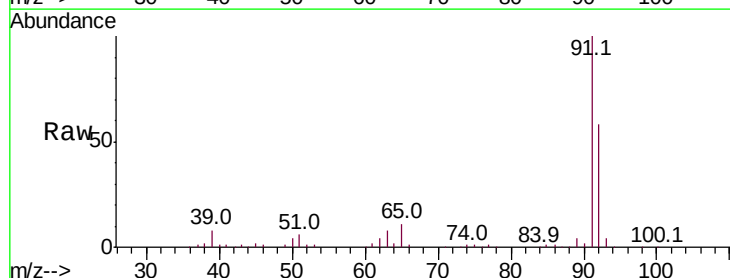
Acq: 1 Dec 2020 15:14

Tgt Ion: 92 Resp: 273118

Ion Ratio Lower Upper

92 100

91 171.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

300000

250000

200000

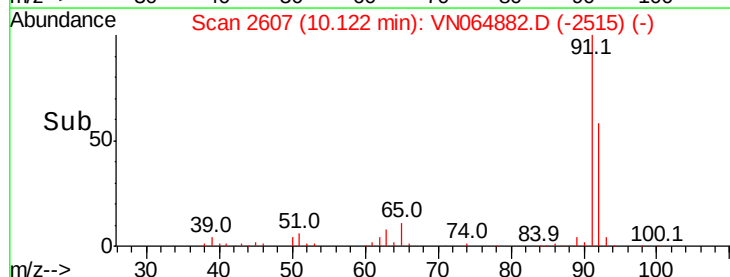
150000

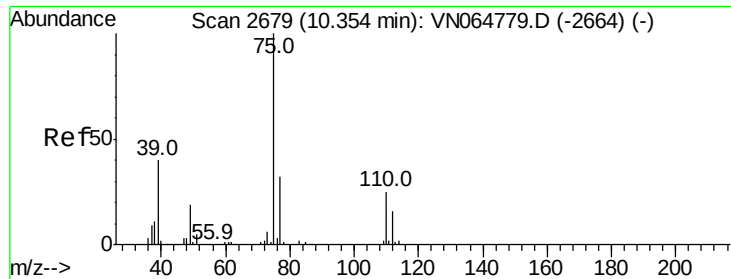
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.354 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

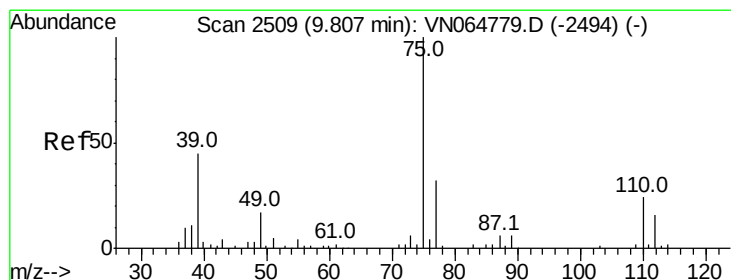
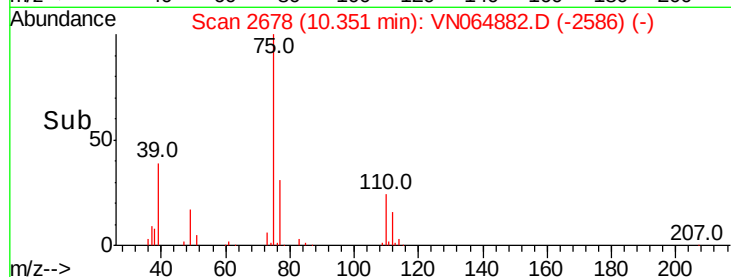
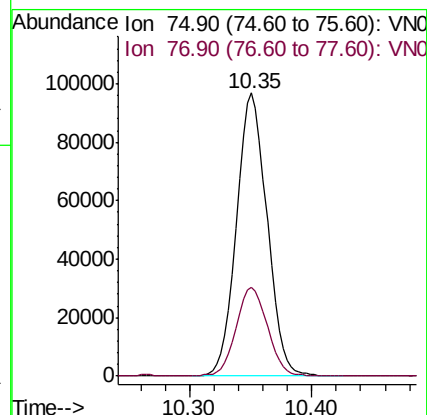
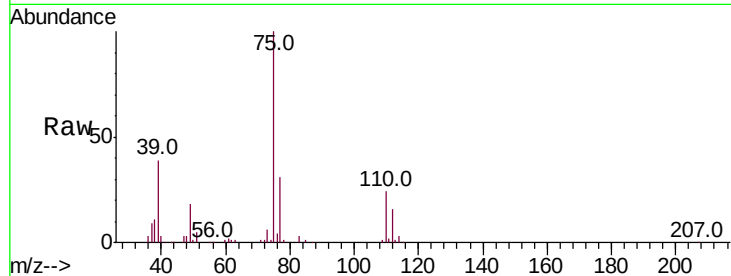
VSTDCCC050EC

Tot Ion: 75 Resp: 168713

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 49.805 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

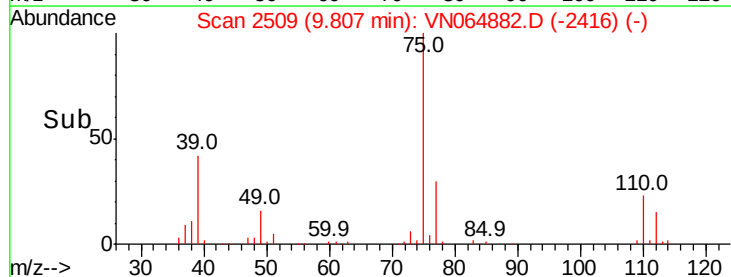
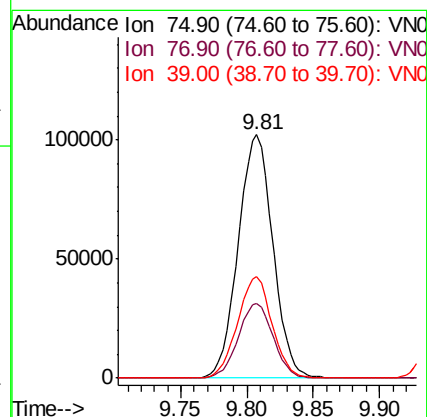
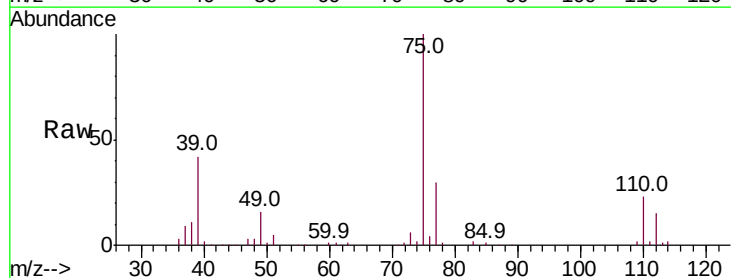
Tgt Ion: 75 Resp: 186266

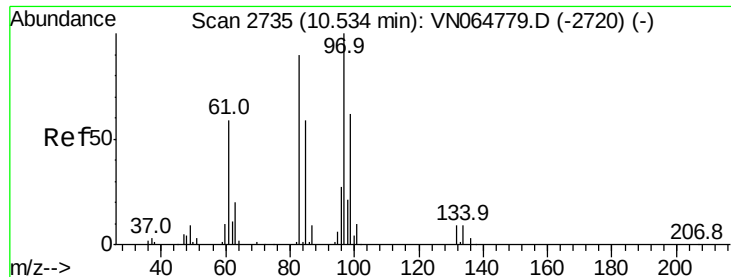
Ion Ratio Lower Upper

75 100

77 30.4 25.5 38.3

39 41.6 35.6 53.4



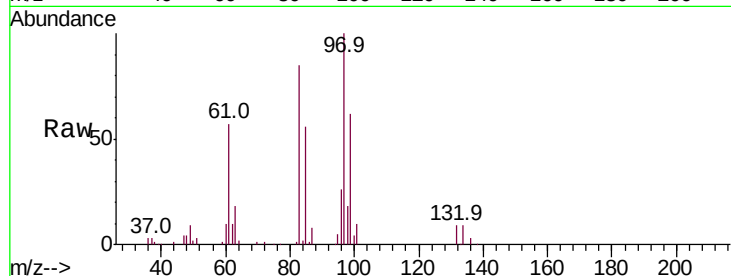


#55
 1,1,2-Trichloroethane
 Concen: 48.714 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 111014

Ion	Ratio	Lower	Upper
97	100		
83	85.0	72.1	108.1
85	55.7	46.8	70.2
99	62.5	49.6	74.4



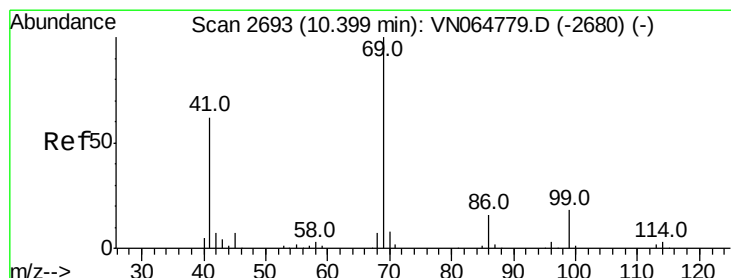
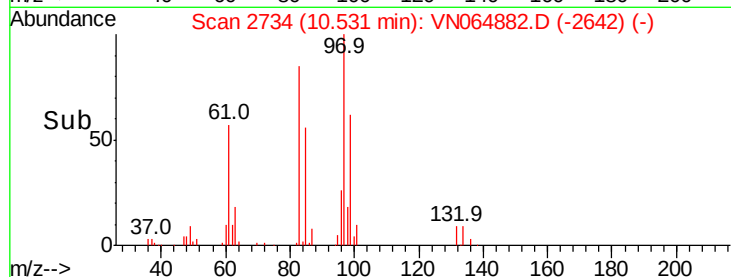
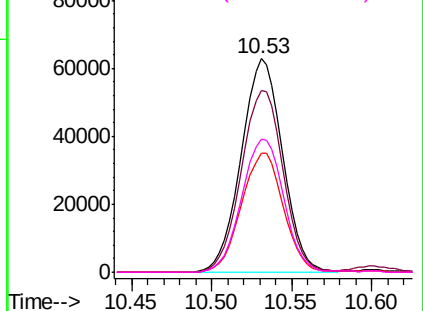
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

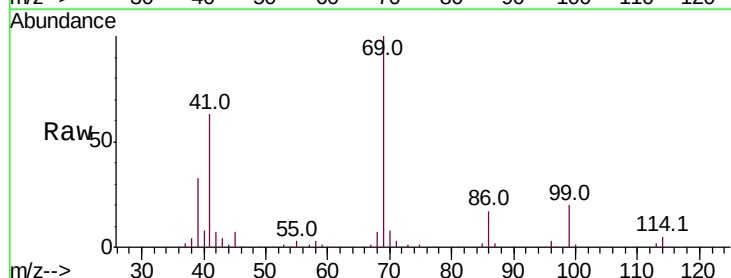
Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 49.663 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion: 69 Resp: 156179

Ion	Ratio	Lower	Upper
69	100		
41	62.2	49.4	74.0
39	31.9	25.9	38.9

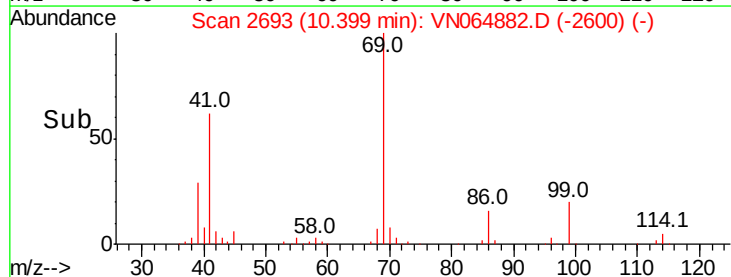
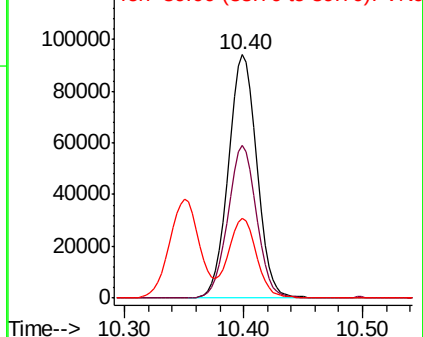


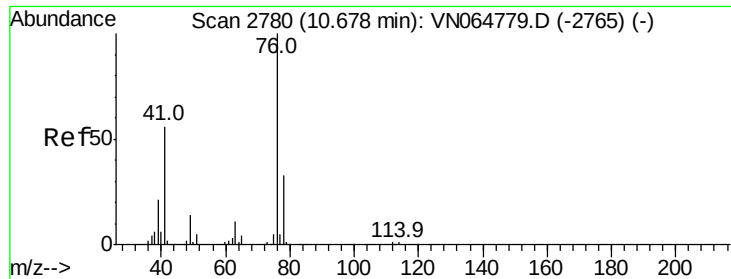
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 48.894 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

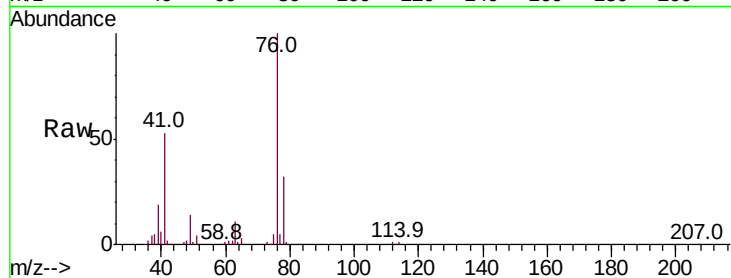
VSTDCCC050EC

Tot Ion: 76 Resp: 183802

Ion Ratio Lower Upper

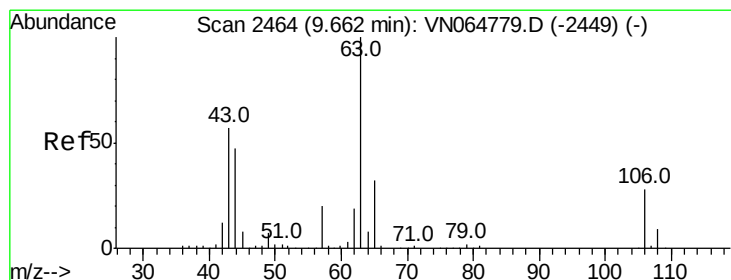
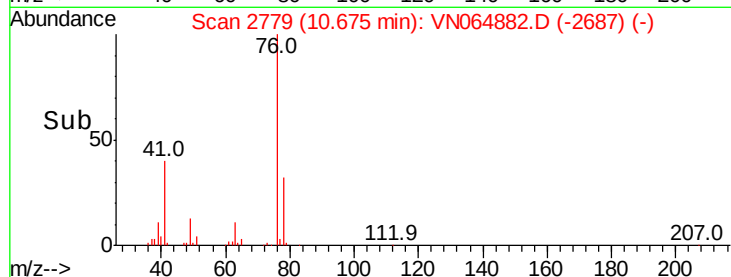
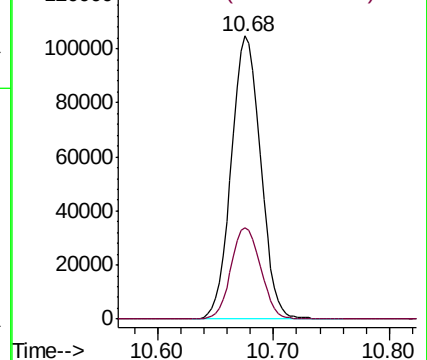
76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 288.465 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064882.D

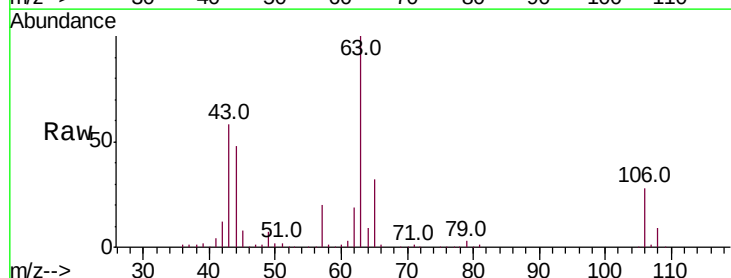
Acq: 1 Dec 2020 15:14

Tgt Ion: 63 Resp: 499004

Ion Ratio Lower Upper

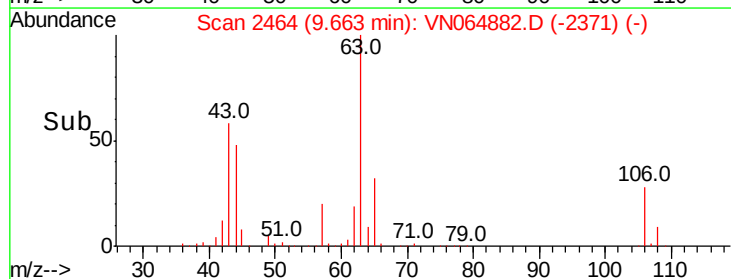
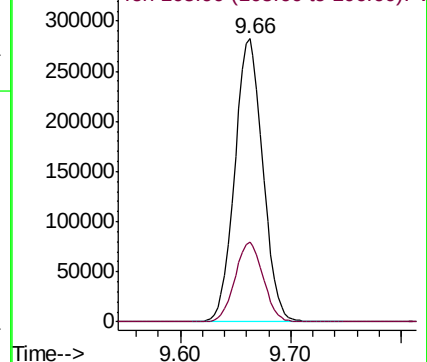
63 100

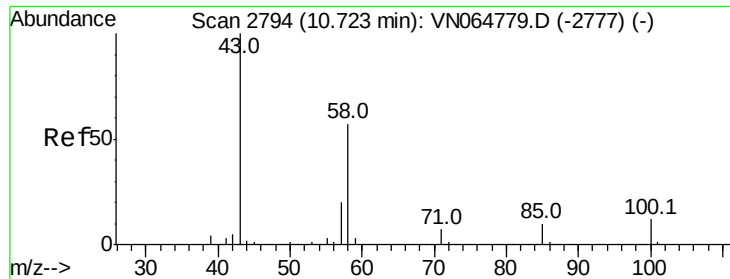
106 28.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

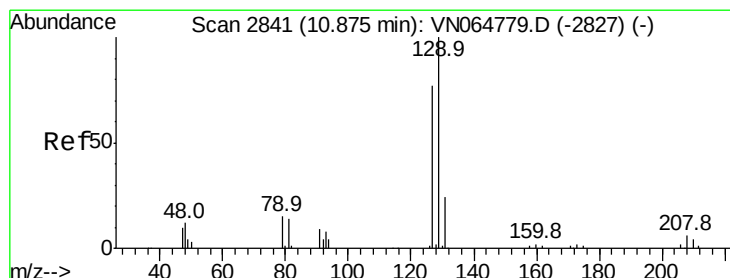
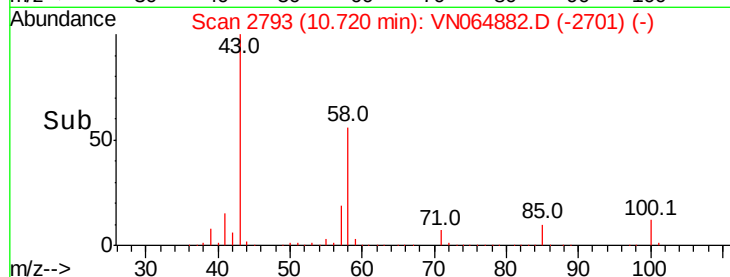
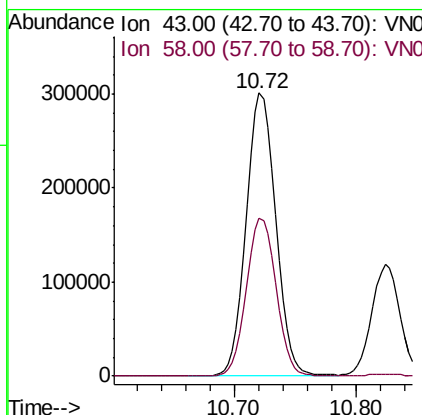
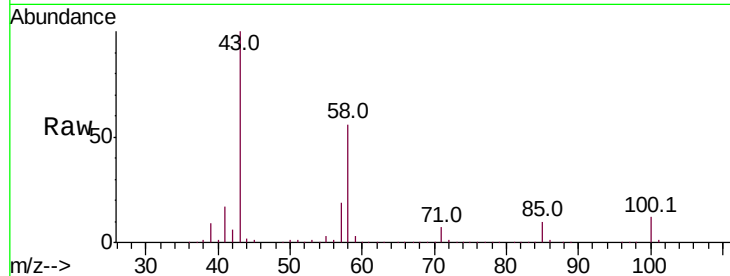




#59
2-Hexanone
Concen: 255.395 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

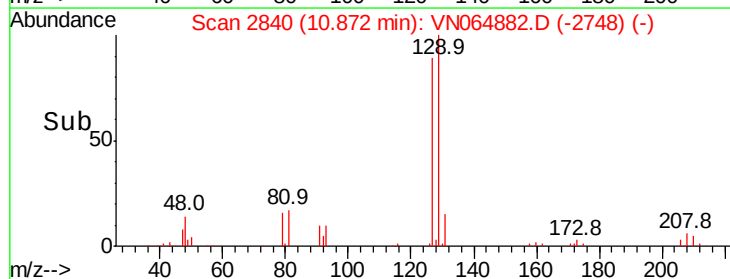
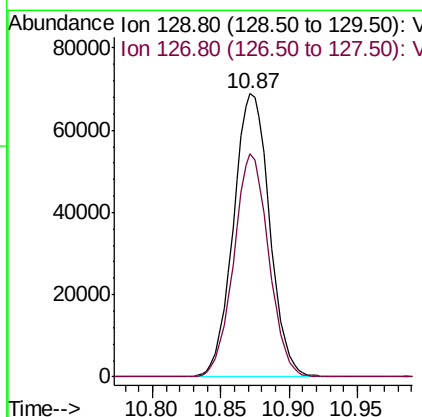
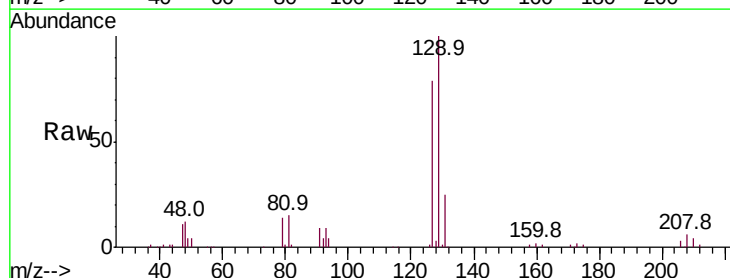
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

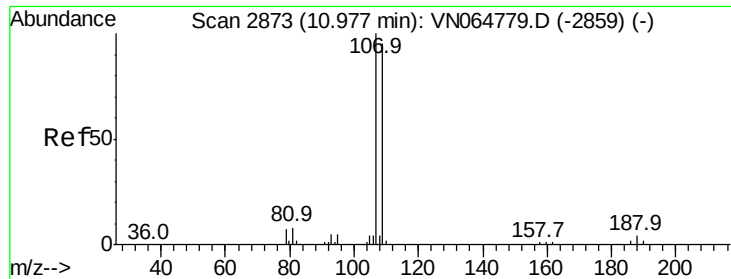
Tot Ion: 43 Resp: 502283
Ion Ratio Lower Upper
43 100
58 56.2 28.3 84.9



#60
Dibromochloromethane
Concen: 49.960 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 129 Resp: 126558
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.2

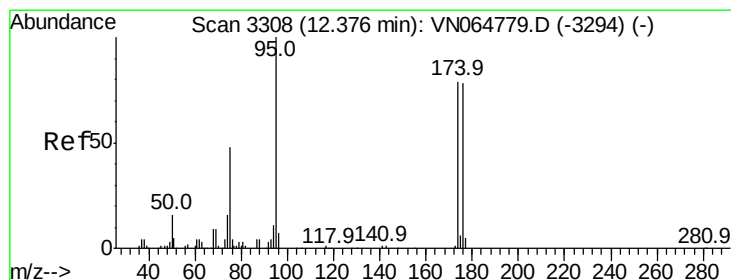
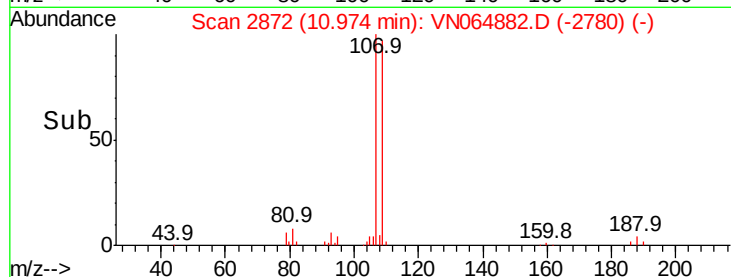
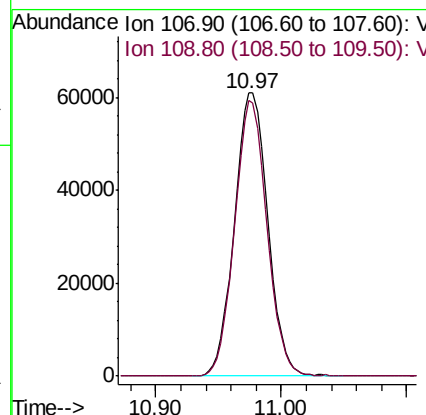
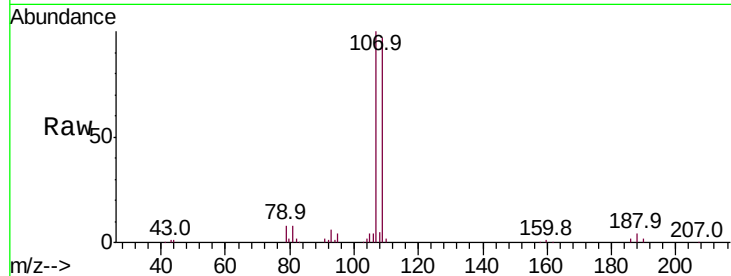




#61
 1,2-Dibromoethane
 Concen: 48.775 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

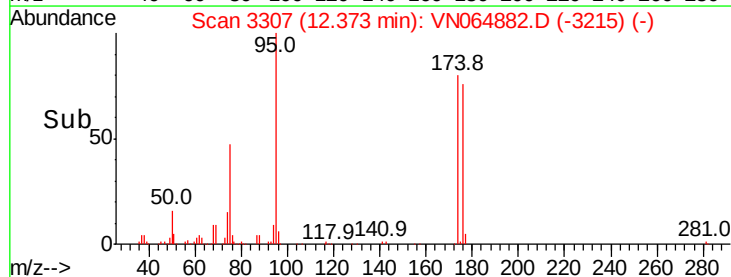
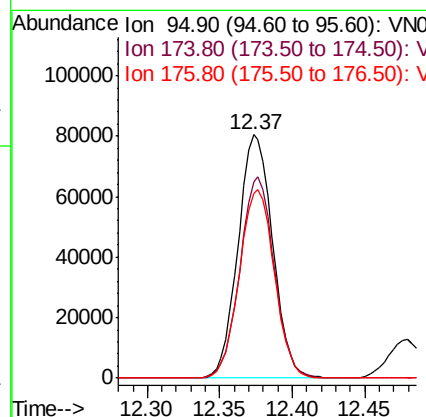
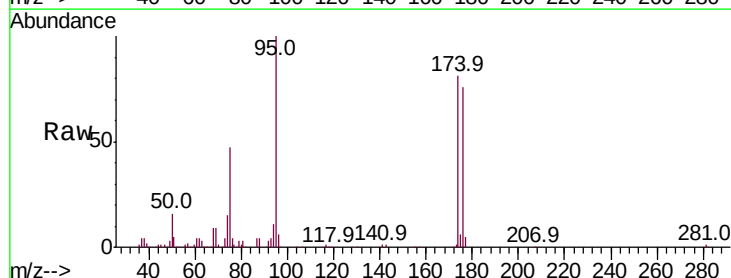
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

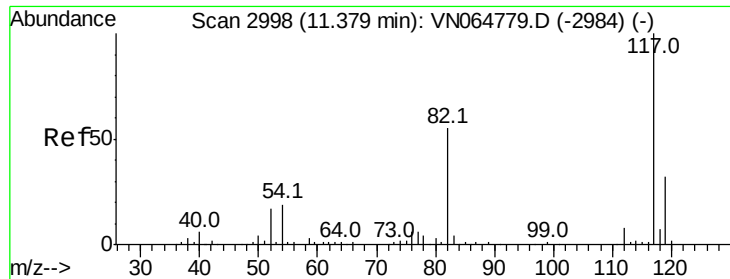
Tot Ion:107 Resp: 112928
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 48.020 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion: 95 Resp: 133118
 Ion Ratio Lower Upper
 95 100
 174 82.3 0.0 160.4
 176 78.8 0.0 158.4

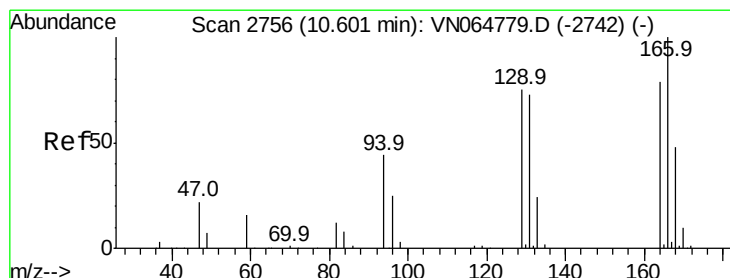
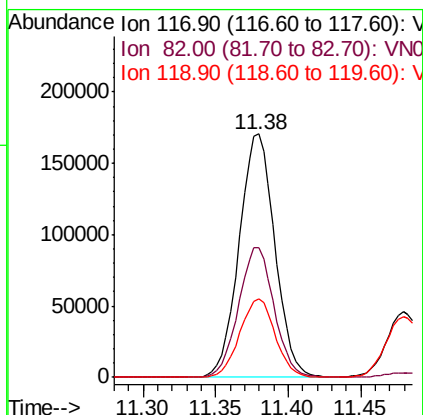
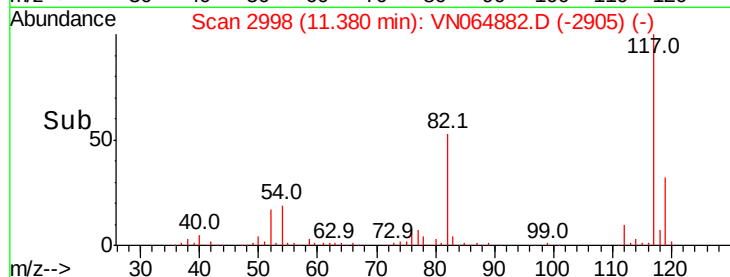
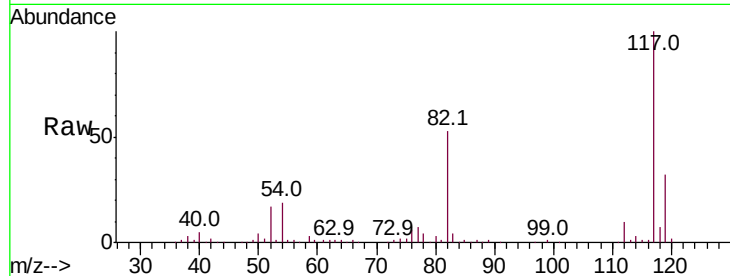




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

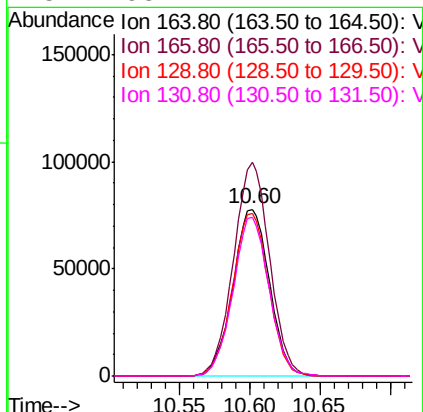
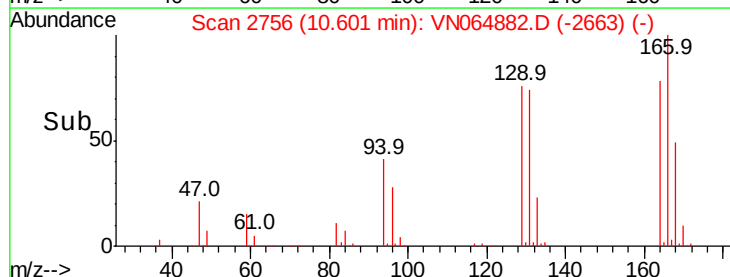
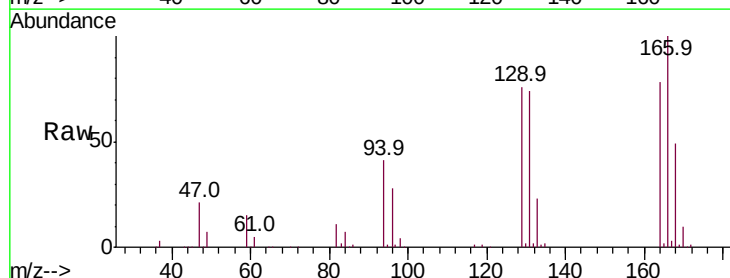
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

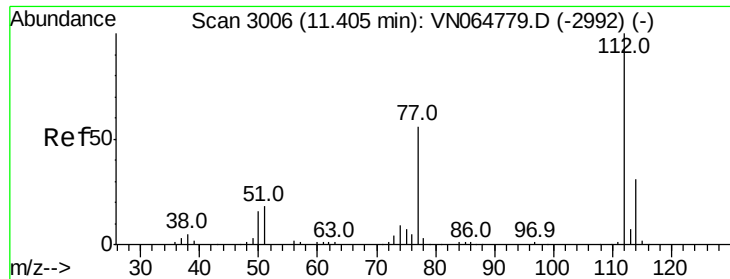
Tot Ion:117 Resp: 292285
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 49.656 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion:164 Resp: 141205
Ion Ratio Lower Upper
164 100
166 127.9 101.4 152.0
129 97.6 76.1 114.1
131 95.1 74.2 111.2

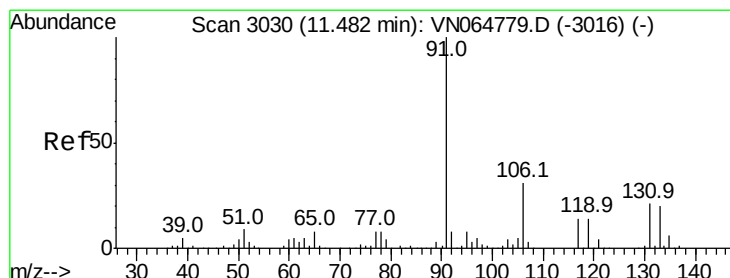
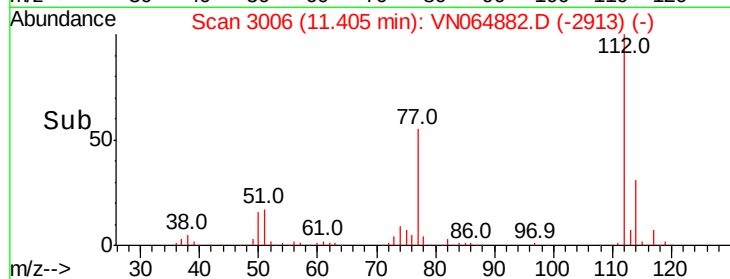
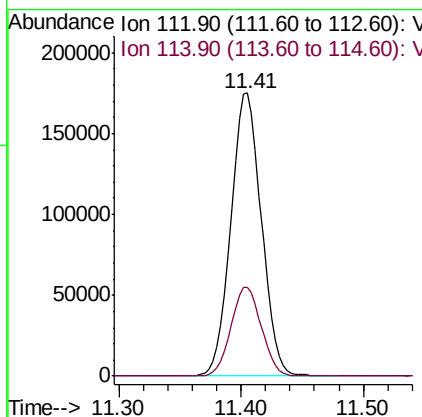
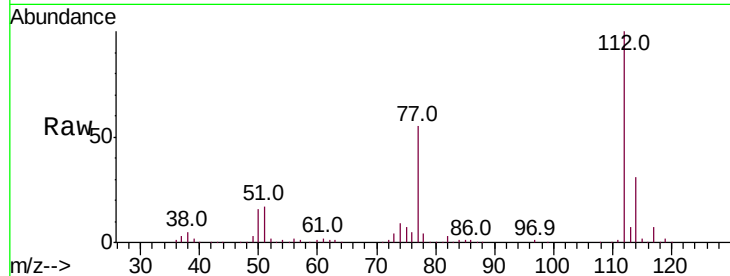




#65
Chlorobenzene
Concen: 48.519 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

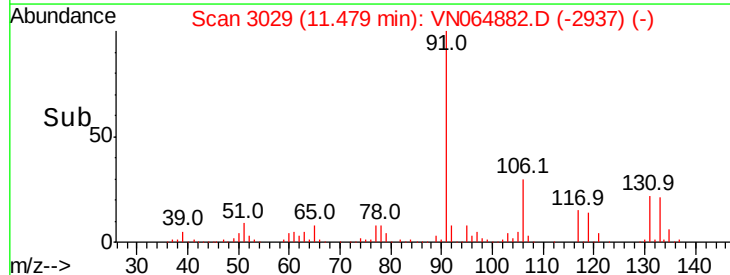
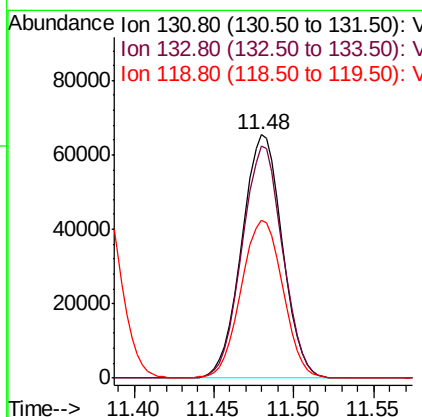
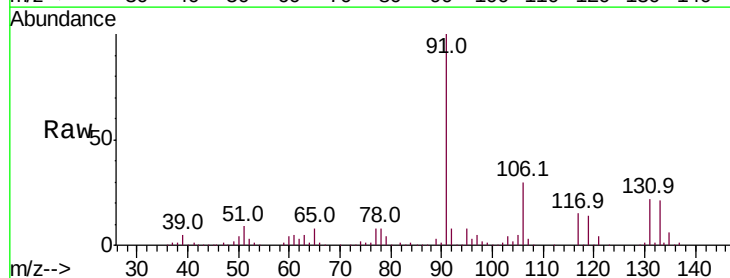
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

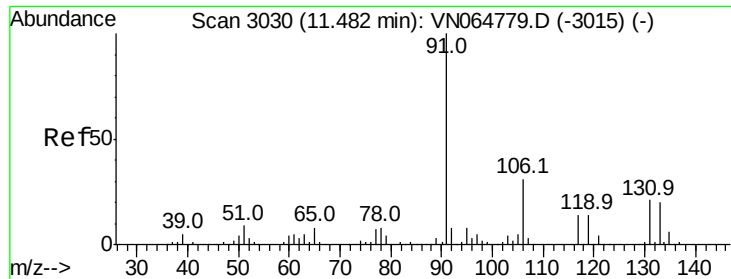
Tot Ion:112 Resp: 304544
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.110 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion:131 Resp: 113284
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 66.9 33.3 99.8

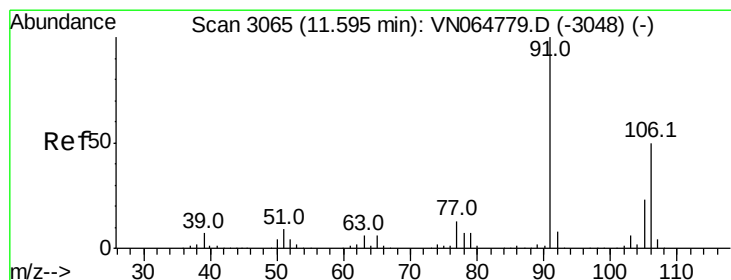
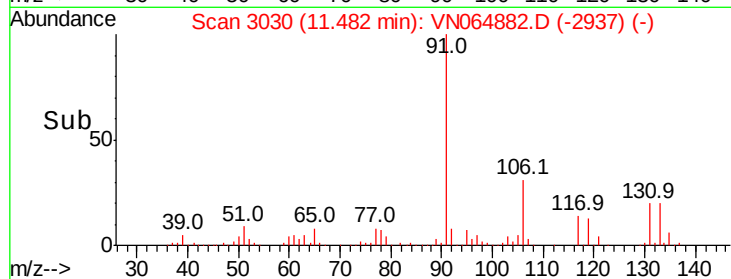
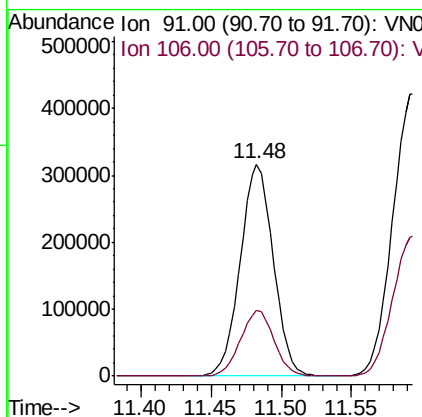
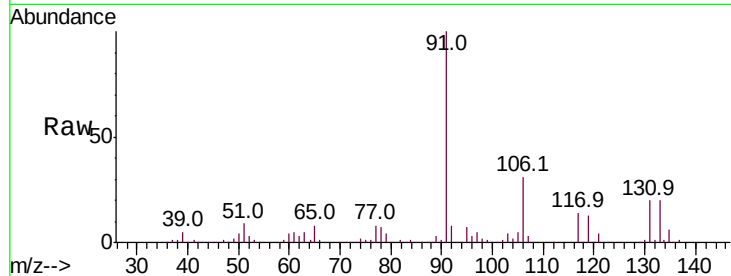




#67
Ethyl Benzene
Concen: 49.639 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

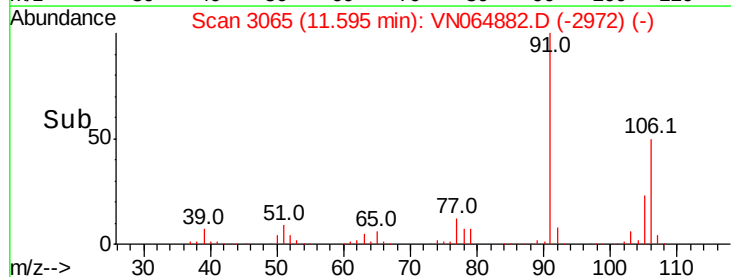
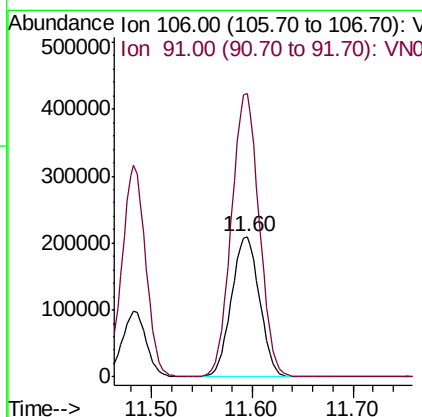
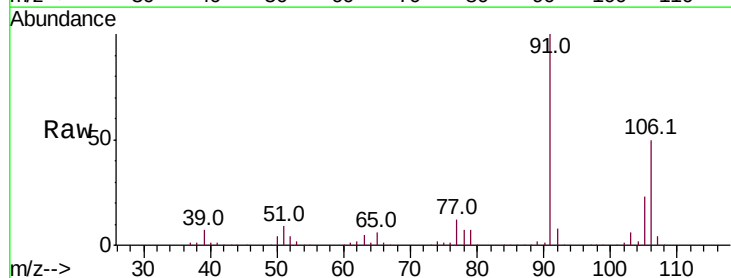
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

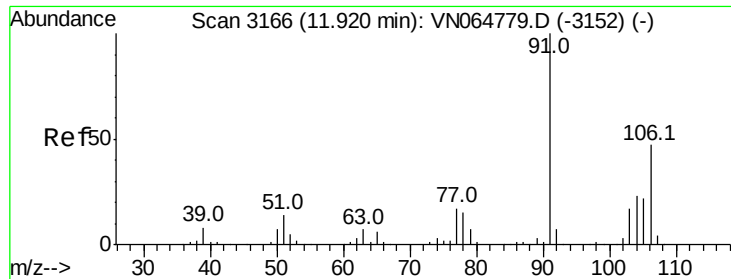
Tot Ion: 91 Resp: 520504
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8



#68
m/p-Xylenes
Concen: 102.234 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 106 Resp: 405867
Ion Ratio Lower Upper
106 100
91 199.0 161.0 241.4

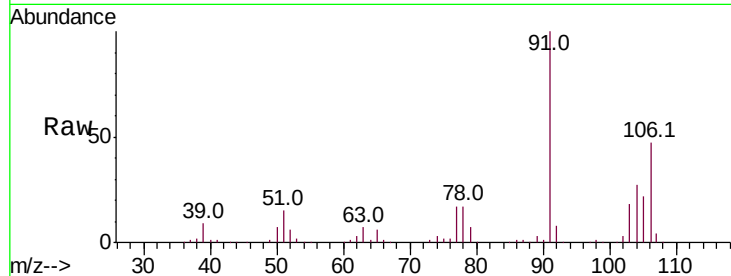




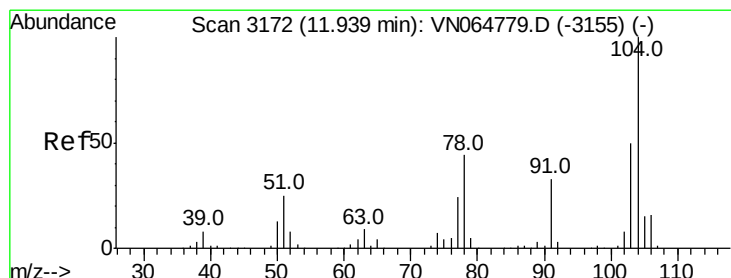
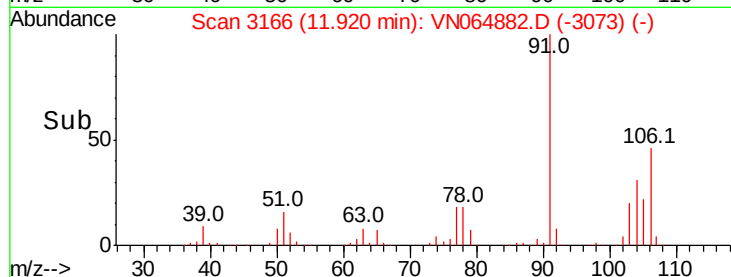
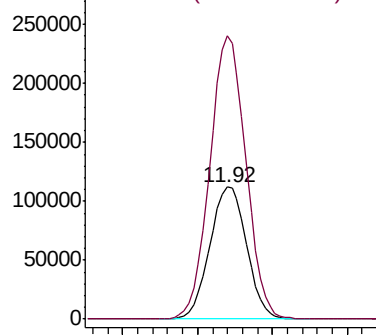
#69
o-Xylene
Concen: 50.916 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 191815
Ion Ratio Lower Upper
106 100
91 210.2 105.5 316.5

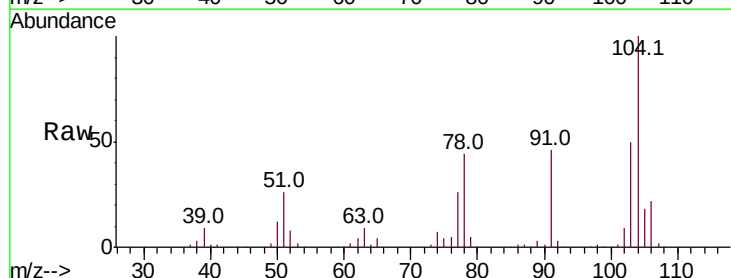


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

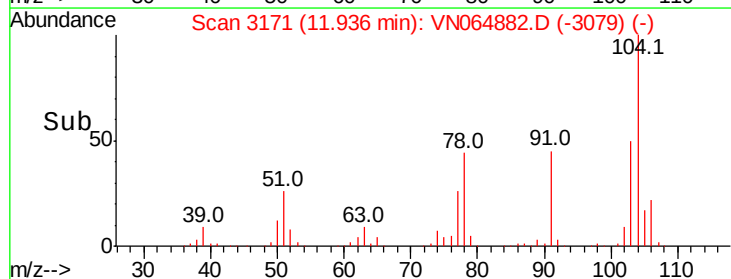
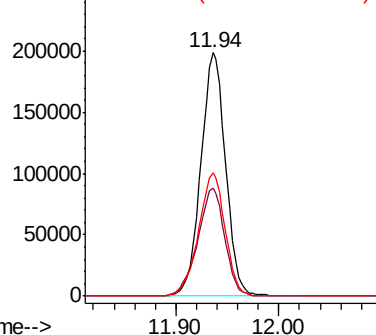


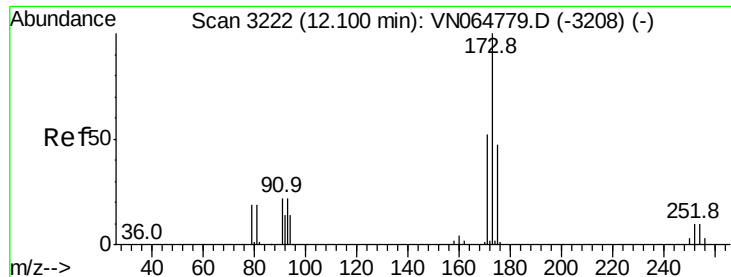
#70
Styrene
Concen: 52.222 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion:104 Resp: 332125
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 54.2 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

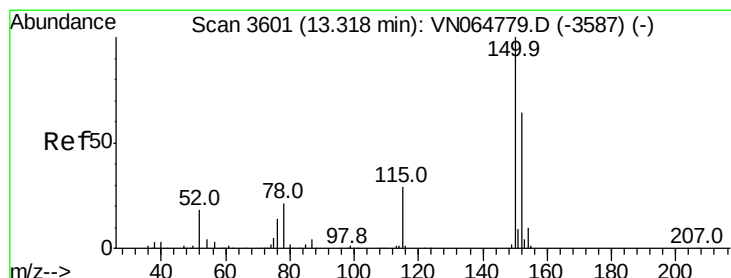
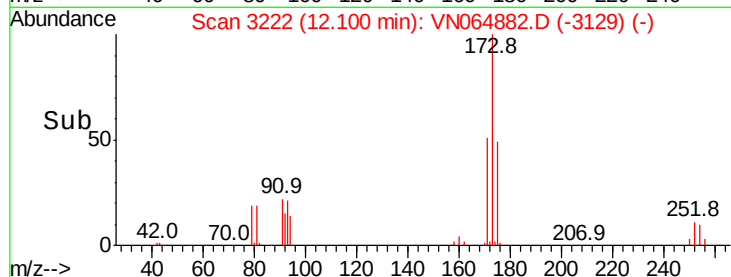
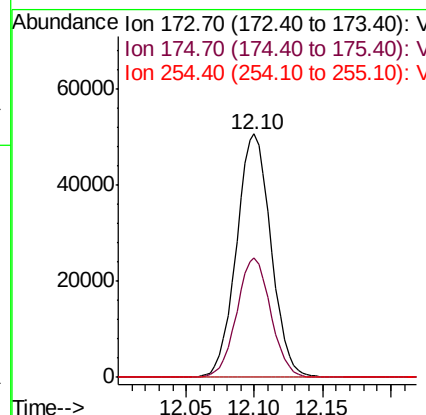
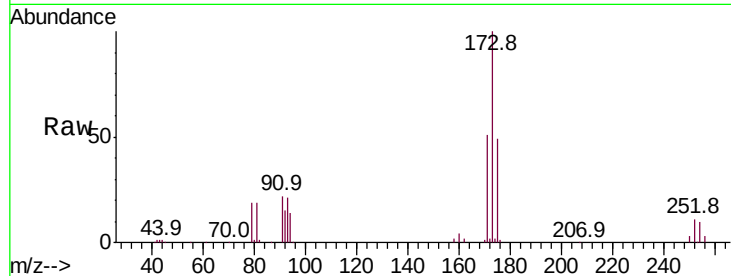




#71
Bromoform
Concen: 48.164 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

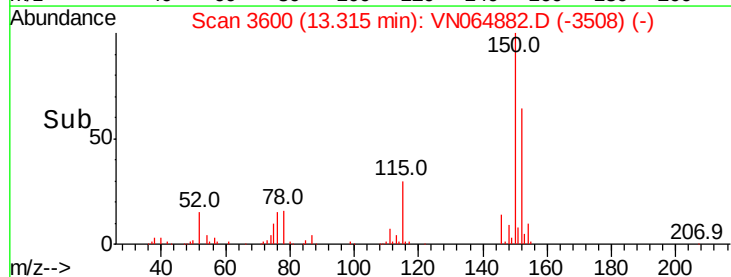
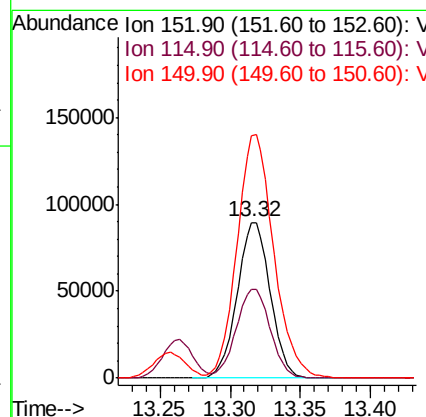
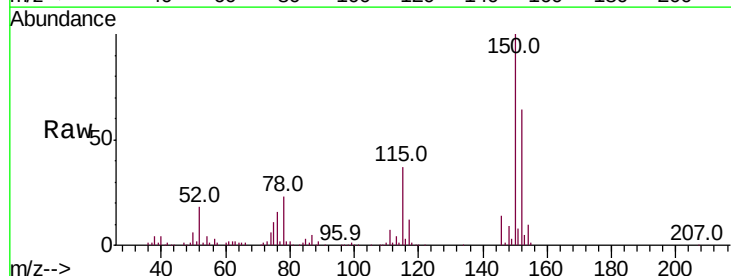
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

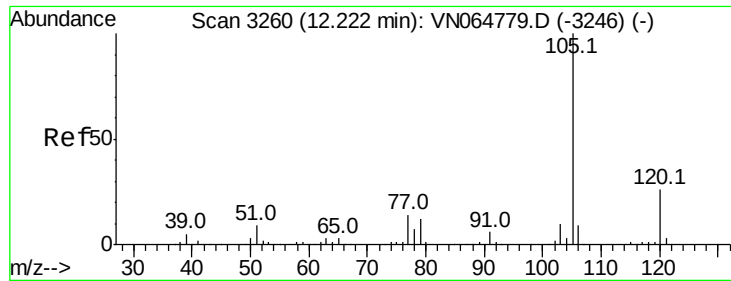
Tot Ion:173 Resp: 88736
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion:152 Resp: 146993
Ion Ratio Lower Upper
152 100
115 58.7 29.7 89.1
150 172.8 0.0 350.6





#73

Isopropylbenzene

Concen: 50.467 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

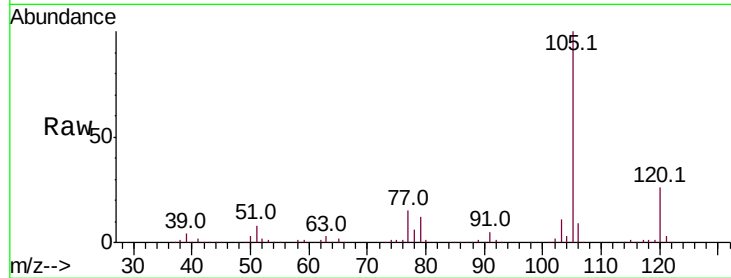
VSTDCCC050EC

Tot Ion:105 Resp: 515995

Ion Ratio Lower Upper

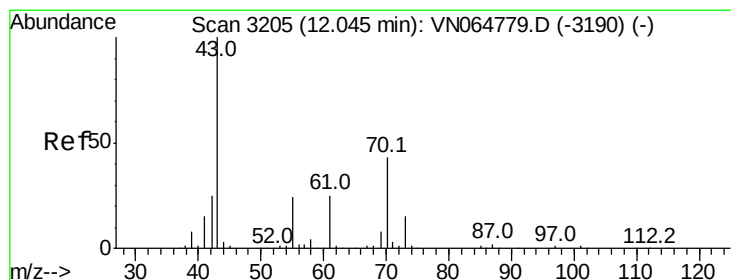
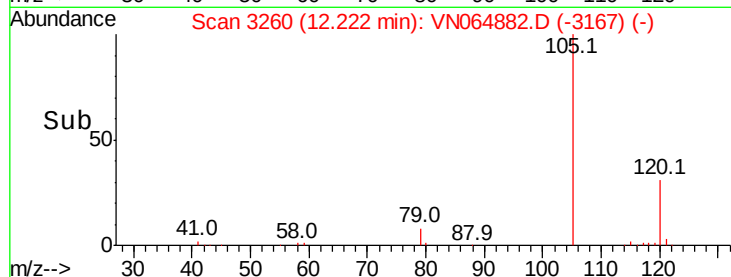
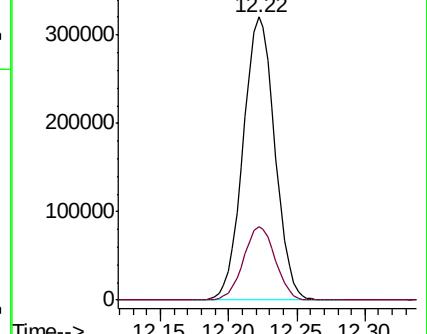
105 100

120 26.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.669 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion: 43 Resp: 191805

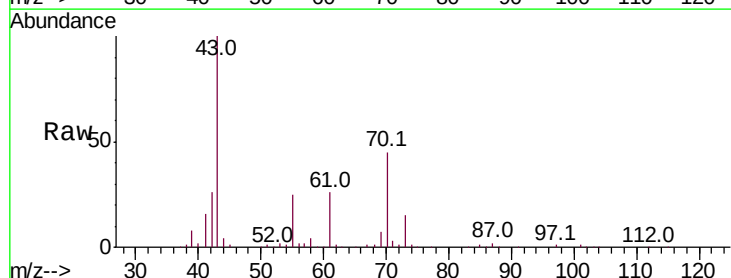
Ion Ratio Lower Upper

43 100

70 44.7 34.5 51.7

55 25.6 20.4 30.6

61 25.2 20.0 30.0

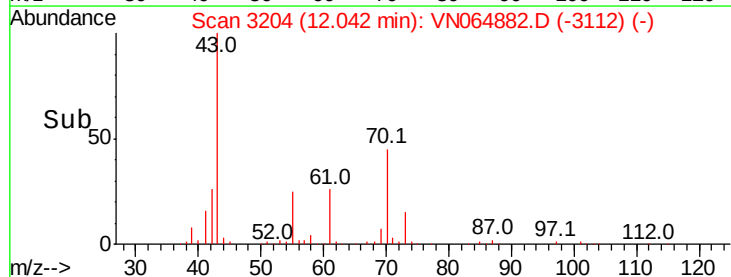
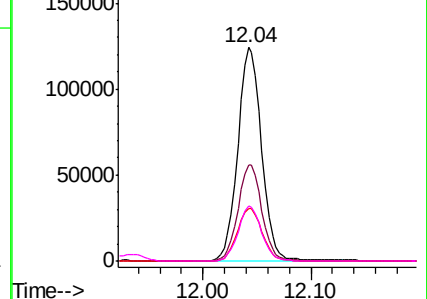


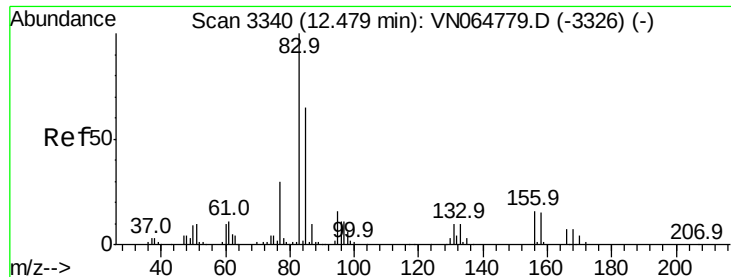
Abundance Ion 43.00 (42.70 to 43.70): V

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: 46.549 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

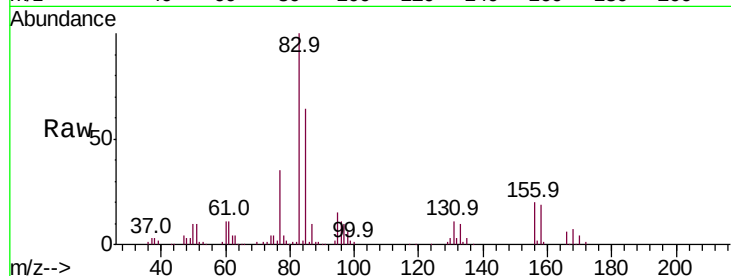
Tot Ion: 83 Resp: 139499

Ion Ratio Lower Upper

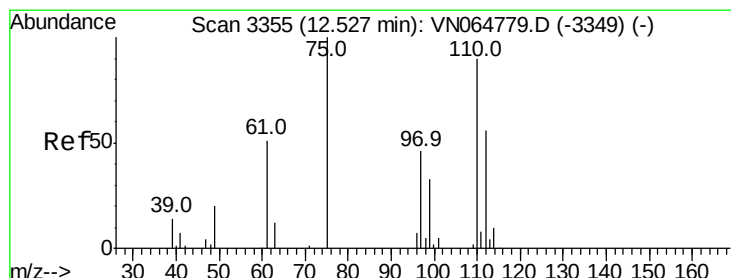
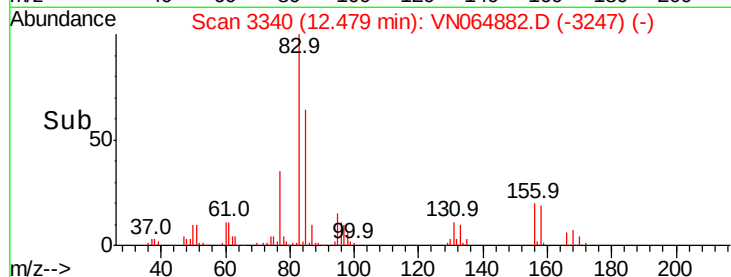
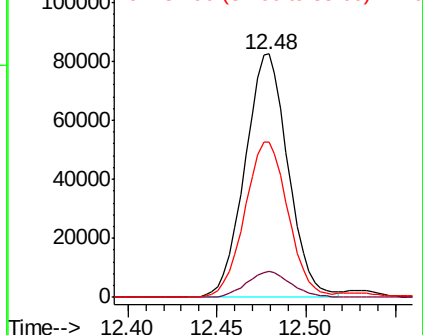
83 100

131 10.8 5.1 15.3

85 64.0 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 64.715 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064882.D

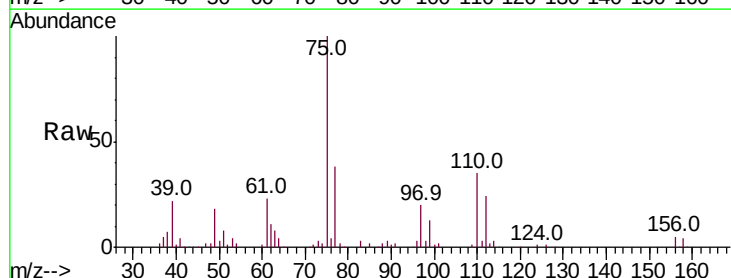
Acq: 1 Dec 2020 15:14

Tgt Ion: 75 Resp: 204862

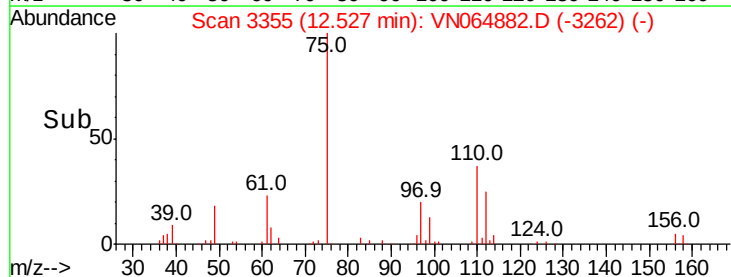
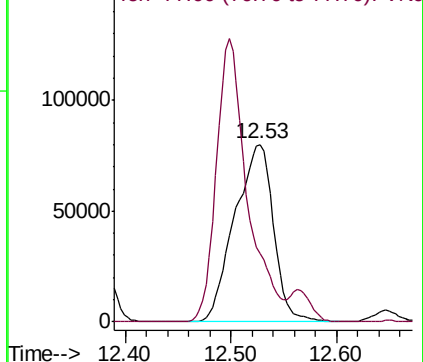
Ion Ratio Lower Upper

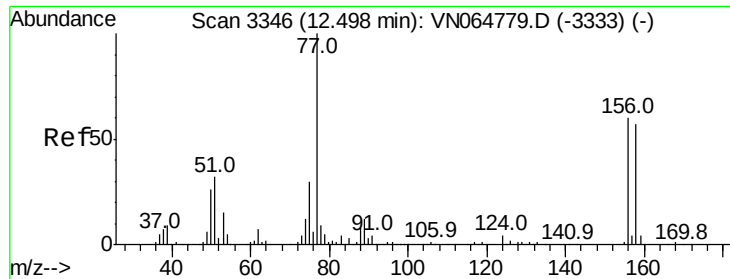
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 47.053 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

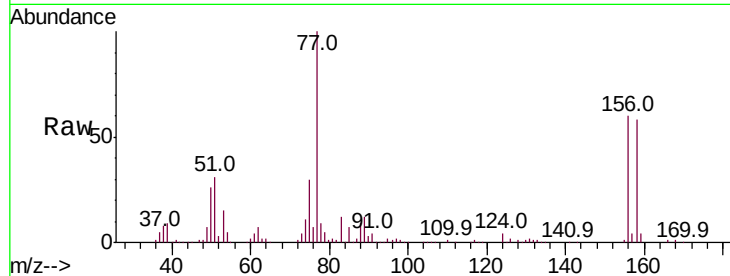
Tot Ion:156 Resp: 129701

Ion Ratio Lower Upper

156 100

77 200.1 101.3 303.7

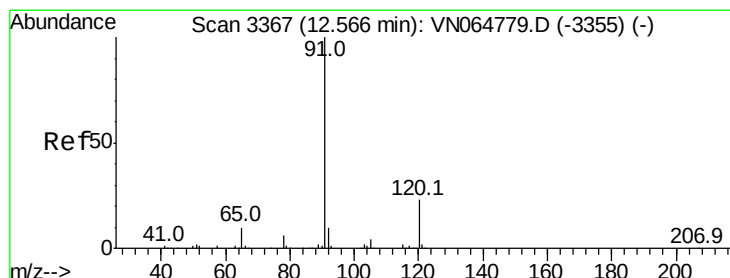
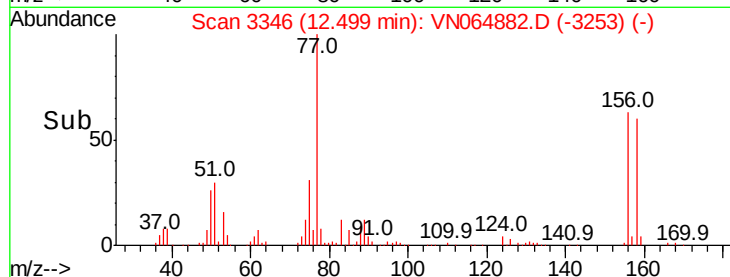
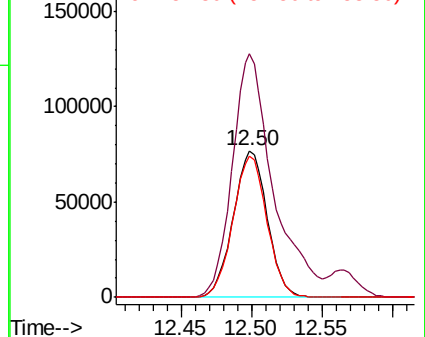
158 96.5 48.2 144.6



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: 50.814 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064882.D

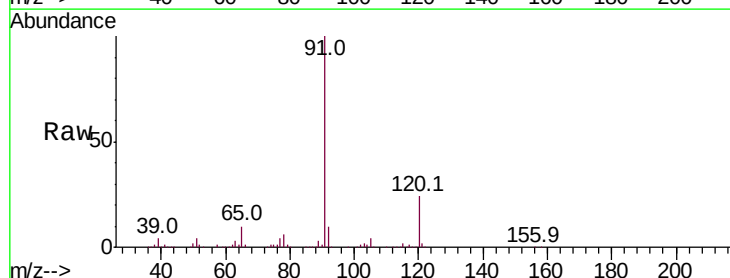
Acq: 1 Dec 2020 15:14

Tgt Ion: 91 Resp: 591865

Ion Ratio Lower Upper

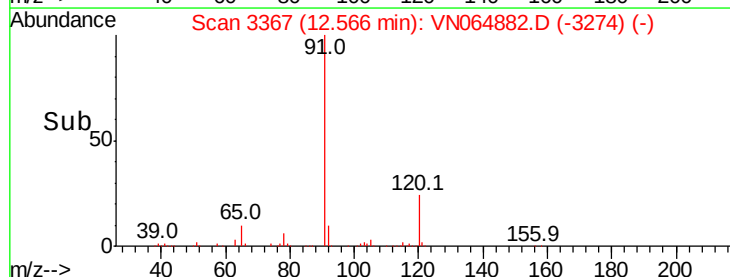
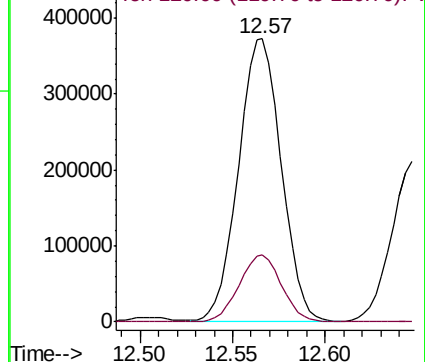
91 100

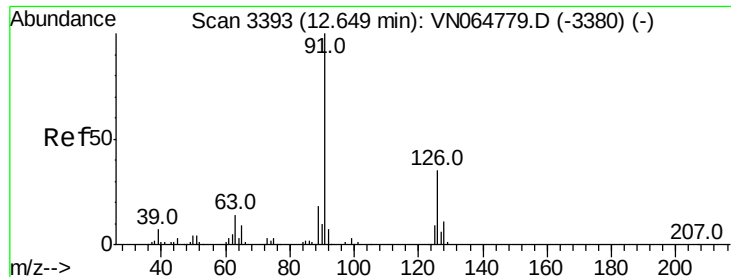
120 23.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.048 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

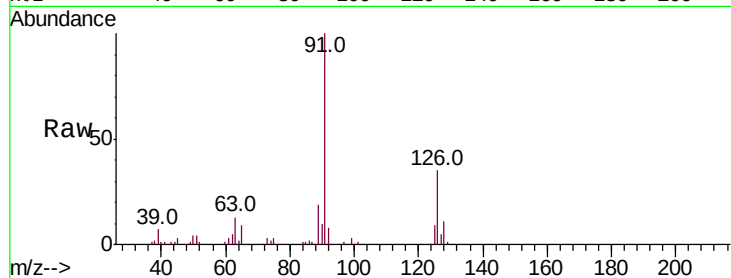
VSTDCCC050EC

Tot Ion: 91 Resp: 345937

Ion Ratio Lower Upper

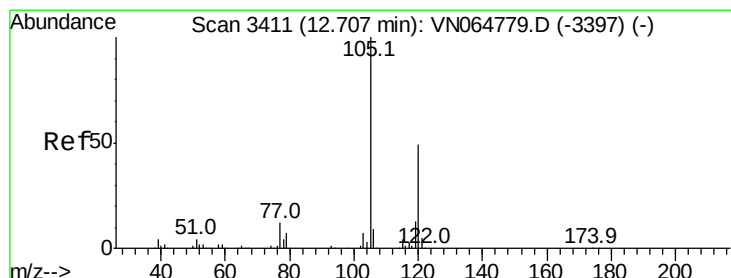
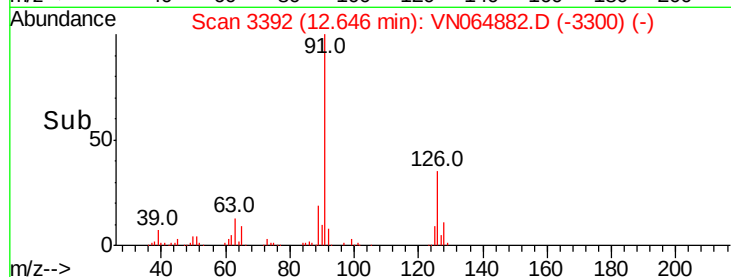
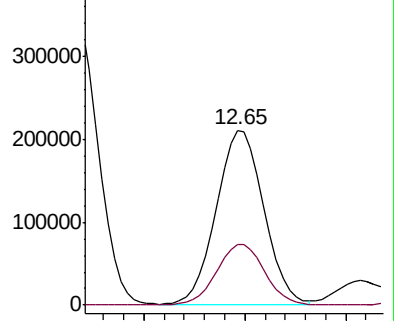
91 100

126 35.5 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.458 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064882.D

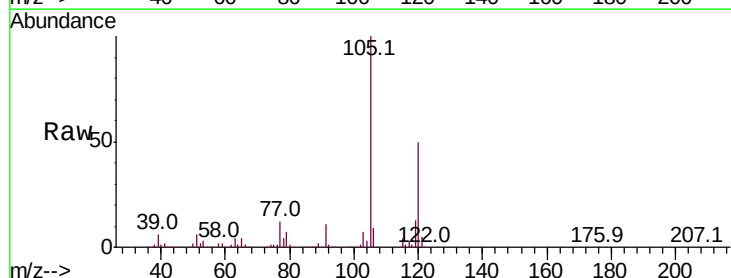
Acq: 1 Dec 2020 15:14

Tgt Ion:105 Resp: 437316

Ion Ratio Lower Upper

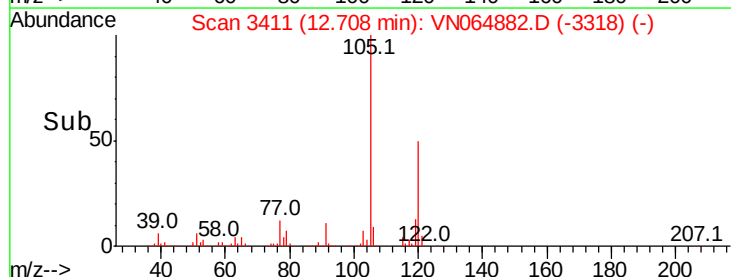
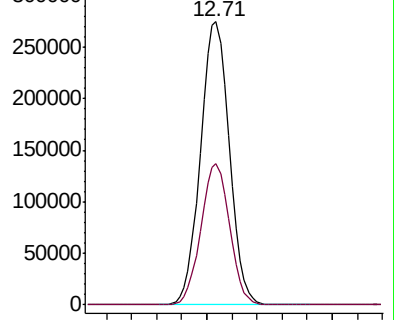
105 100

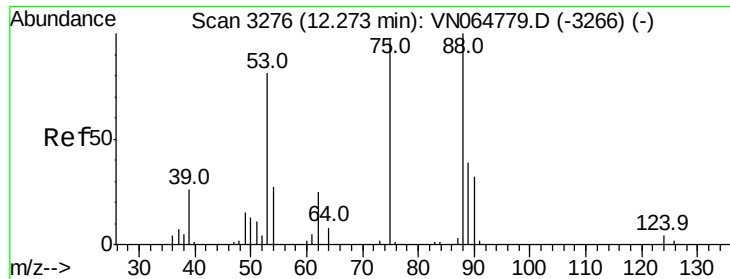
120 49.8 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.244 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

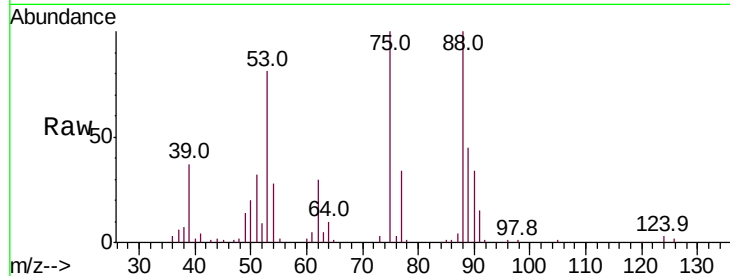
Tot Ion: 75 Resp: 55722

Ion Ratio Lower Upper

75 100

53 81.9 67.0 100.4

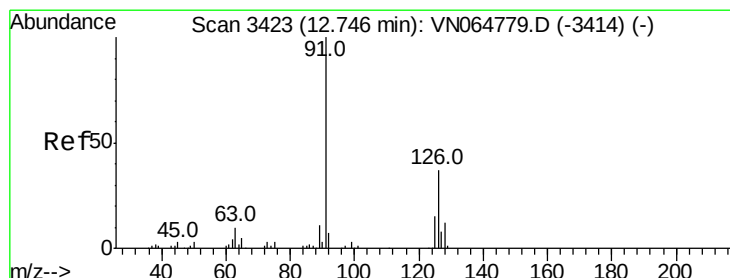
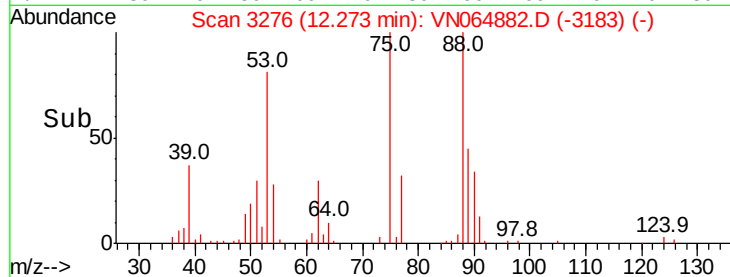
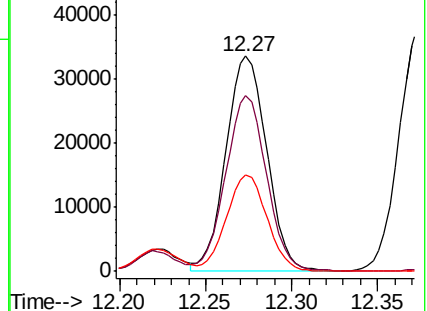
89 44.7 39.6 59.4



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: 48.630 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064882.D

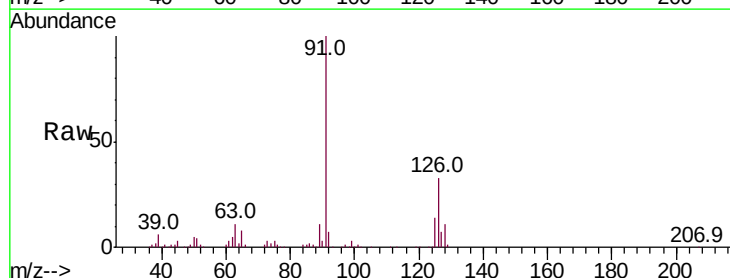
Acq: 1 Dec 2020 15:14

Tgt Ion: 91 Resp: 367006

Ion Ratio Lower Upper

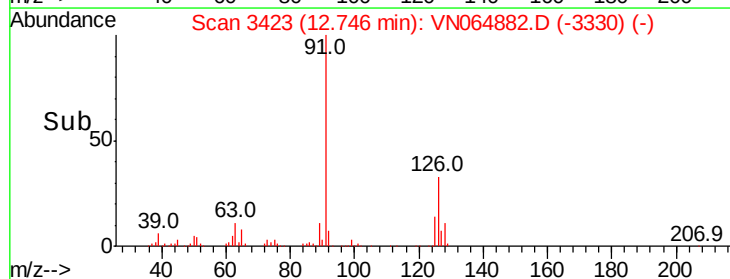
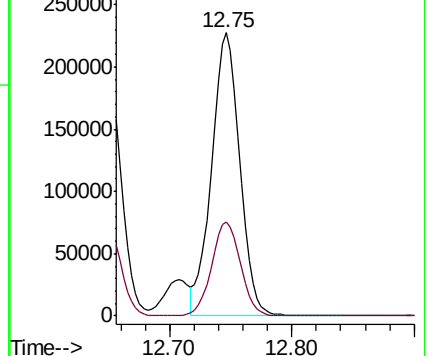
91 100

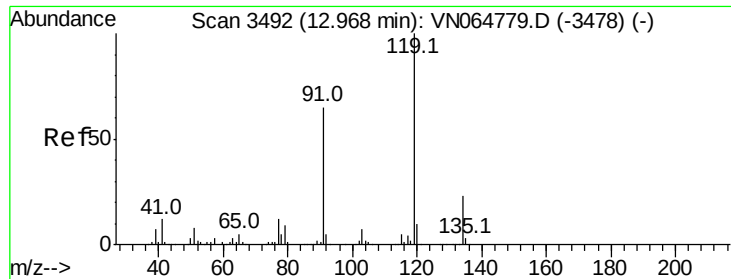
126 34.0 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

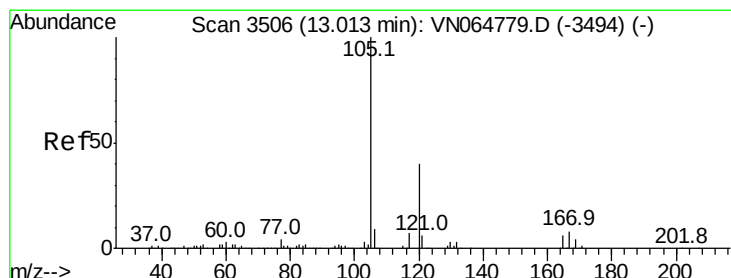
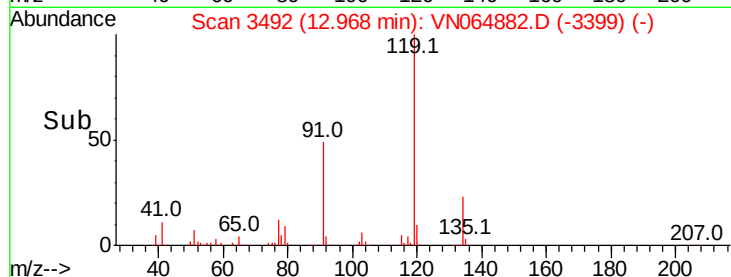
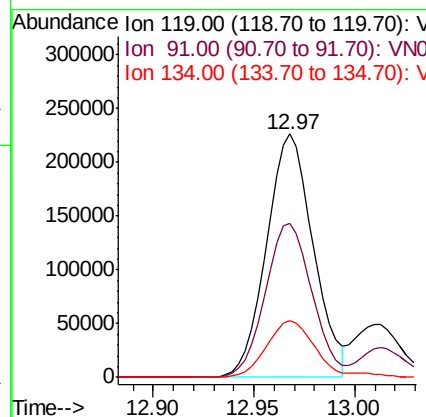
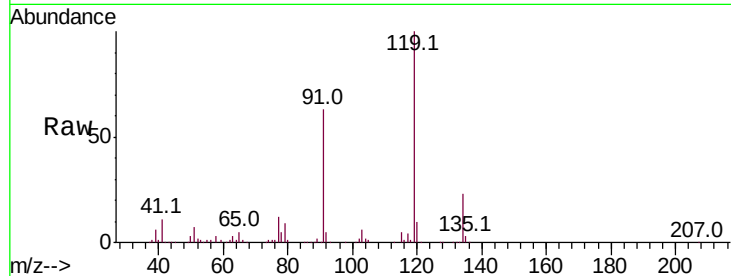




#83
 tert-Butylbenzene
 Concen: 51.129 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

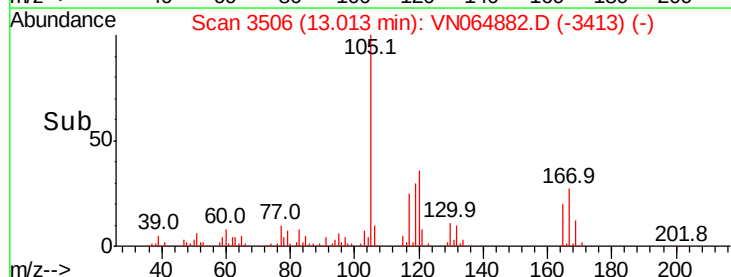
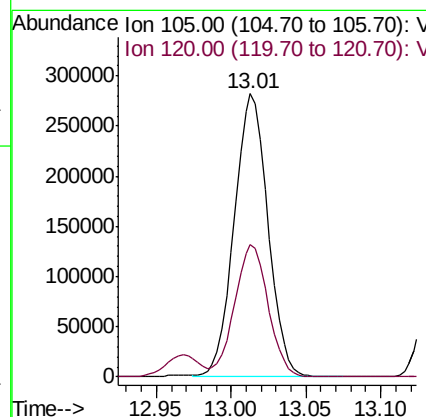
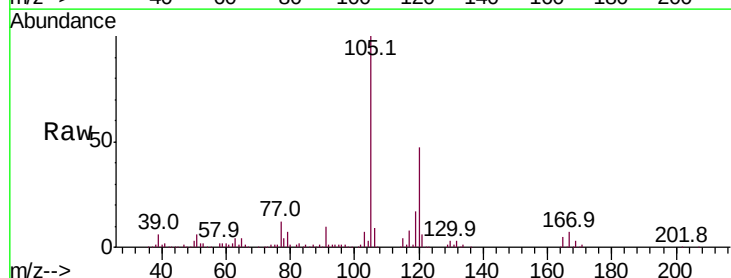
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

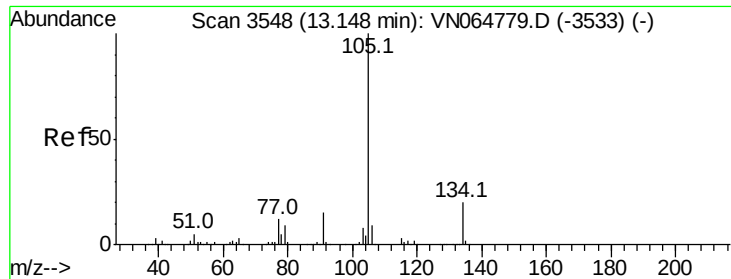
Tot Ion:119 Resp: 364213
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.3 96.8
 134 24.5 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.344 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion:105 Resp: 441172
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2

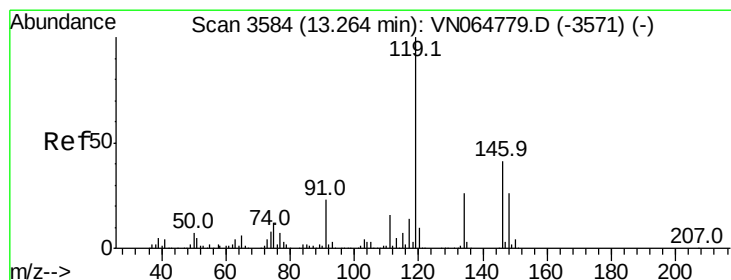
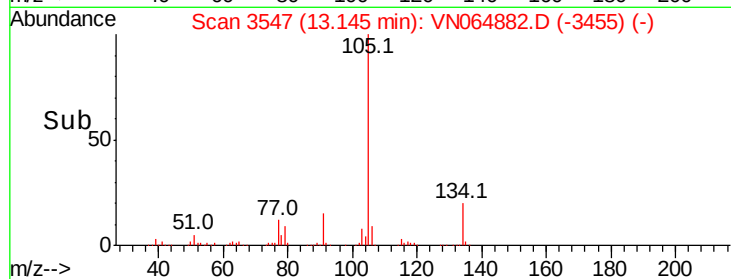
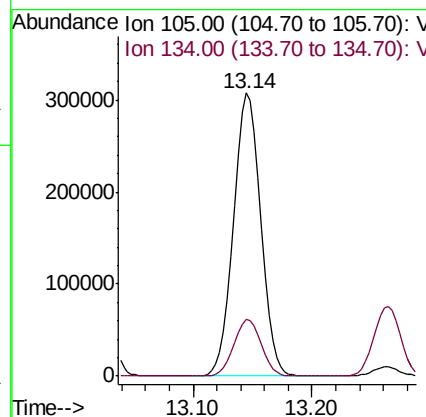
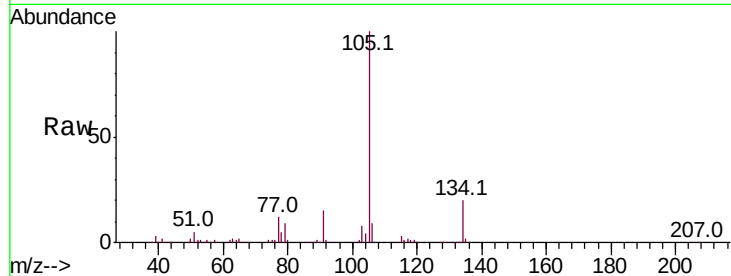




#85
 sec-Butylbenzene
 Concen: 51.463 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

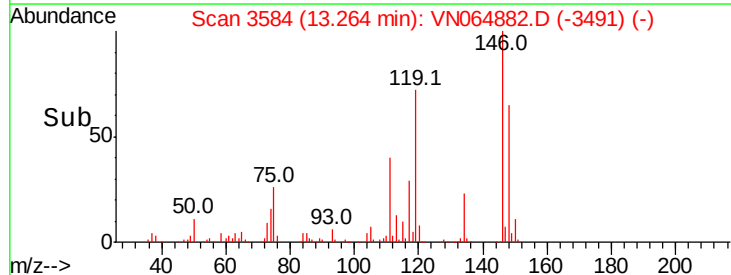
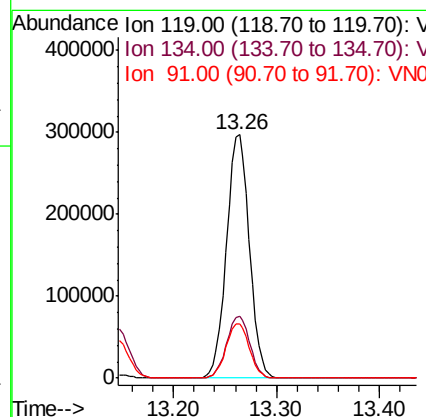
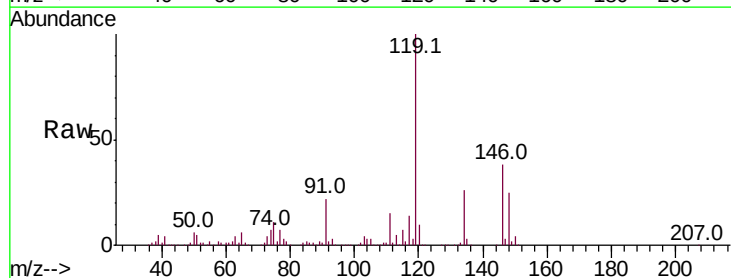
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

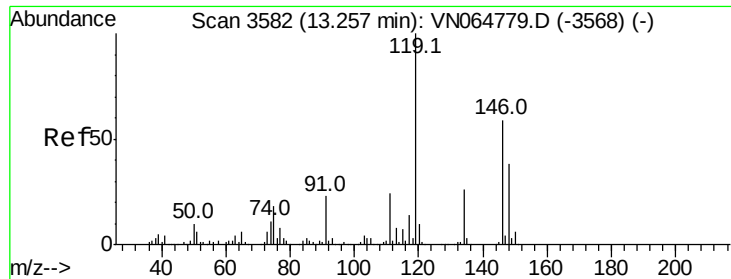
Tot Ion:105 Resp: 486729
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.357 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion:119 Resp: 459441
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 22.9 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 47.830 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

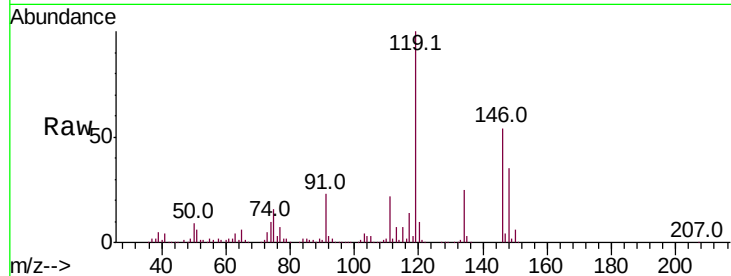
Tot Ion:146 Resp: 234241

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

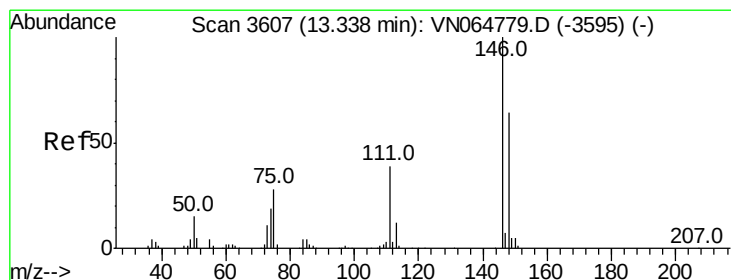
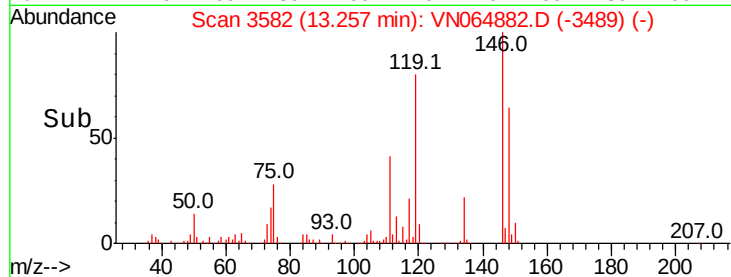
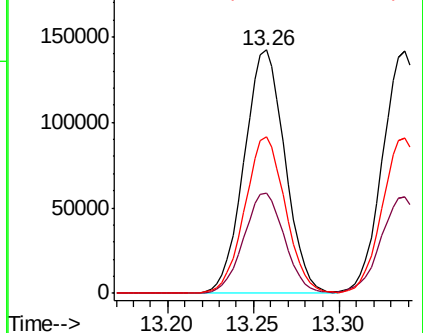
148 63.9 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.115 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

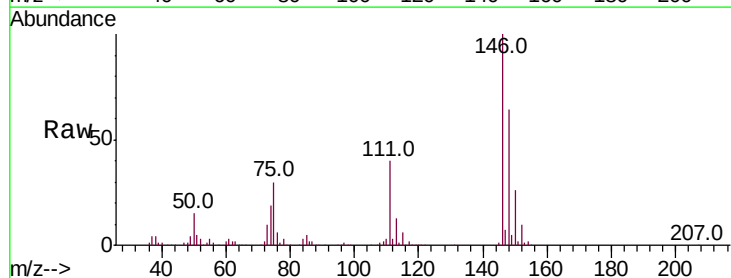
Tgt Ion:146 Resp: 233656

Ion Ratio Lower Upper

146 100

111 40.2 19.8 59.3

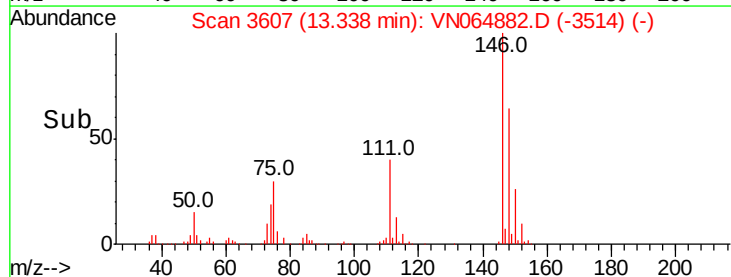
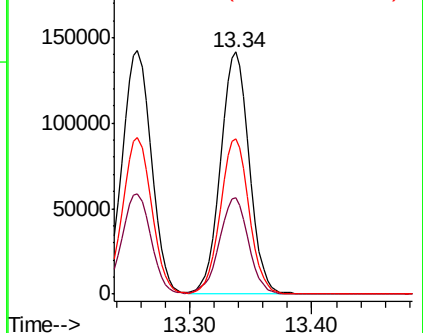
148 64.2 31.9 95.5

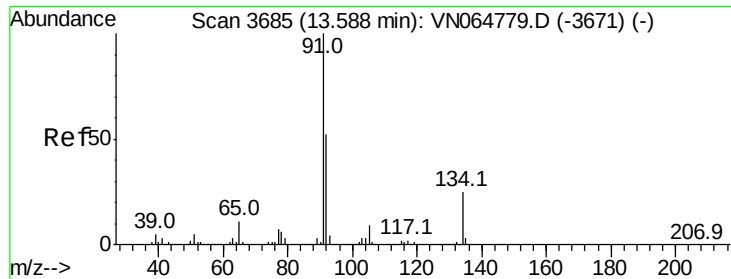


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

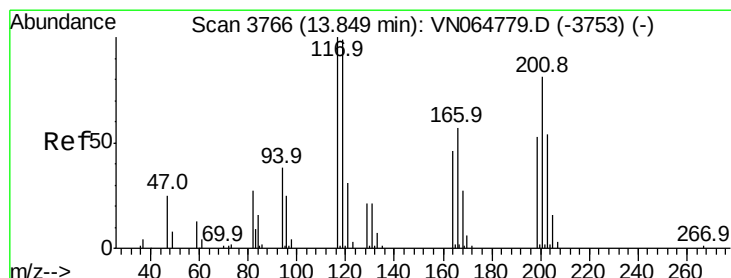
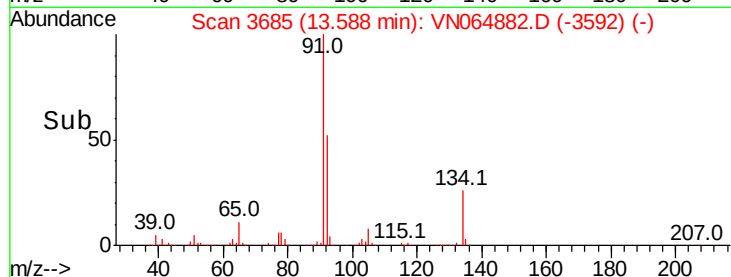
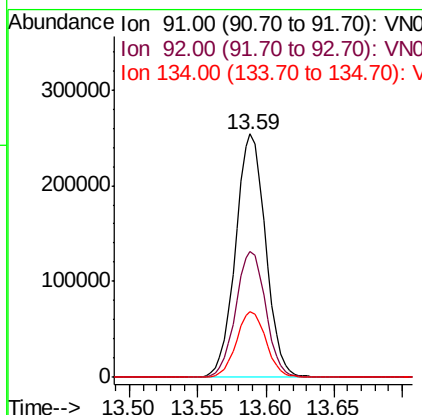
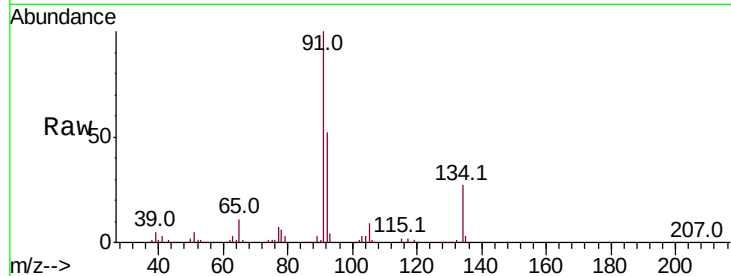




#89
n-Butylbenzene
Concen: 51.360 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

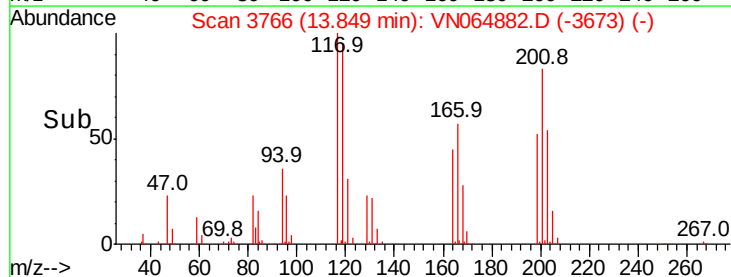
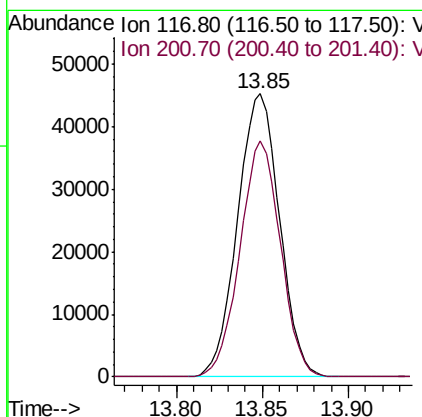
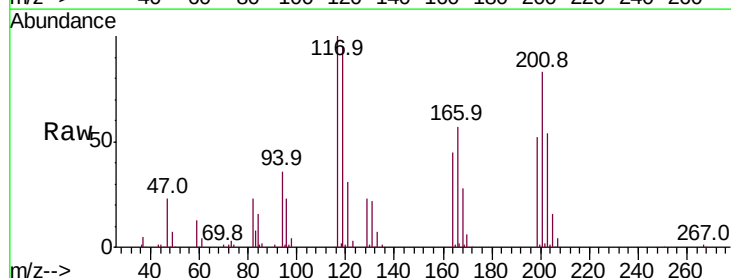
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

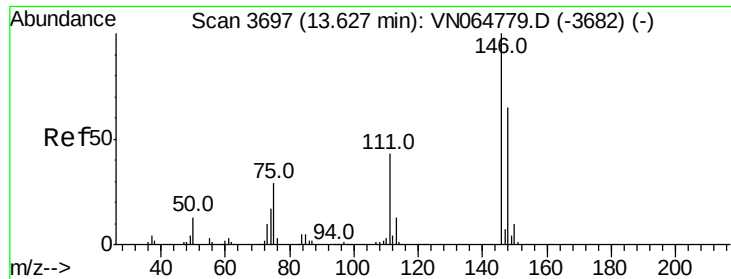
Tot Ion: 91 Resp: 388381
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 26.7 12.9 38.6



#90
Hexachloroethane
Concen: 51.223 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 117 Resp: 76623
Ion Ratio Lower Upper
117 100
201 80.3 40.1 120.3

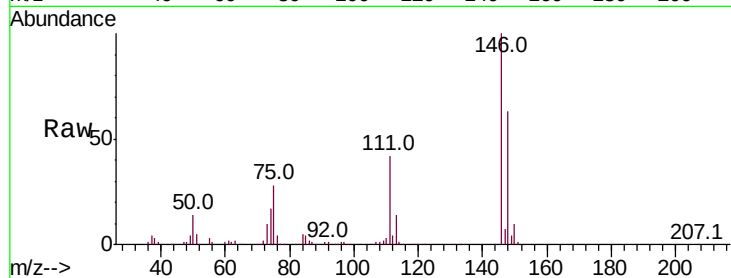




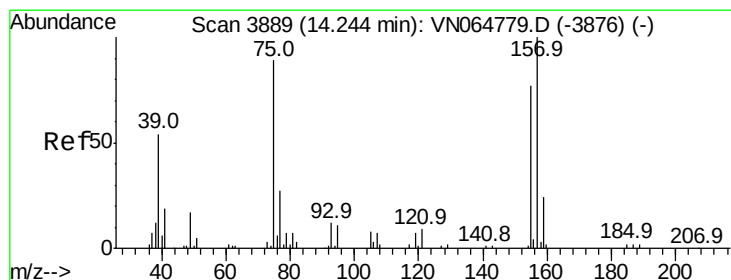
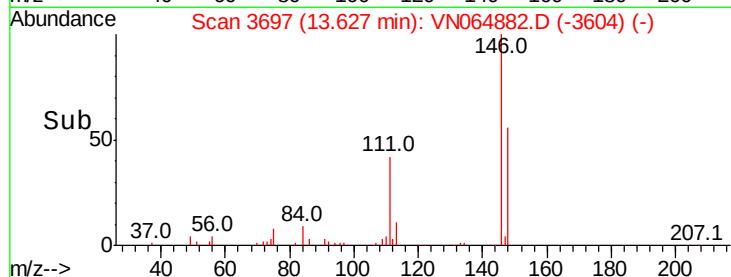
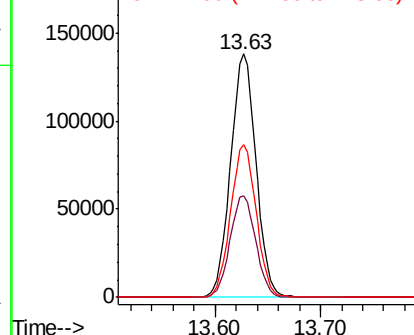
#91
 1,2-Dichlorobenzene
 Concen: 47.996 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 230798
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.1
 148 63.1 32.0 96.2

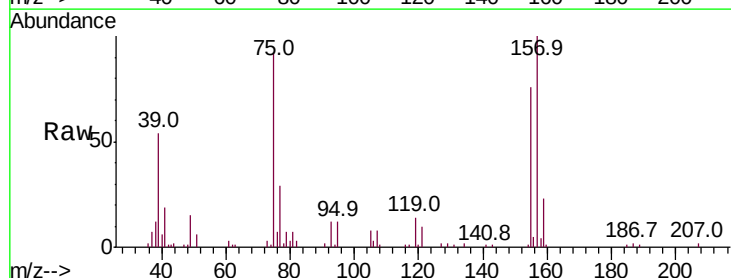


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

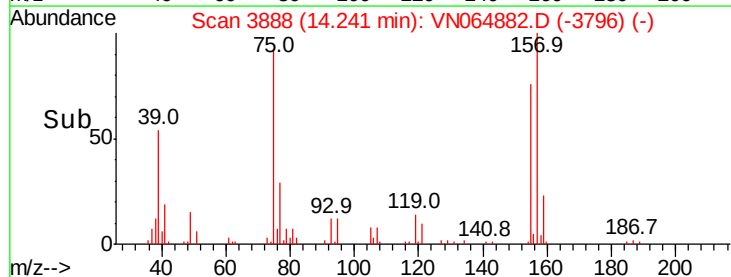
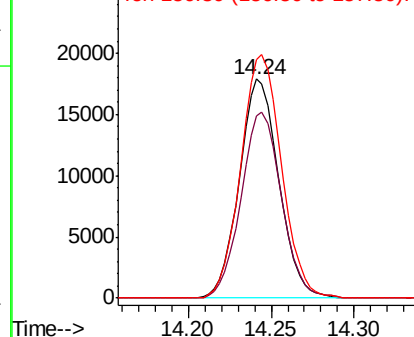


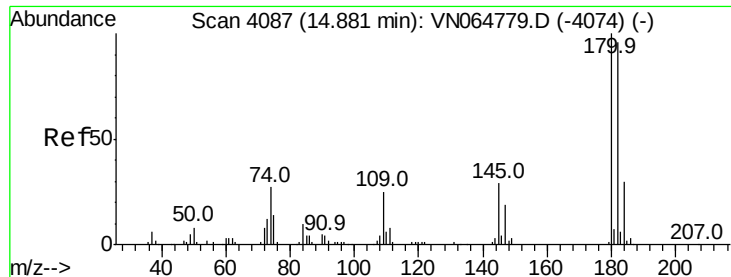
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.002 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion: 75 Resp: 29671
 Ion Ratio Lower Upper
 75 100
 155 86.6 42.8 128.3
 157 114.4 56.4 169.1



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

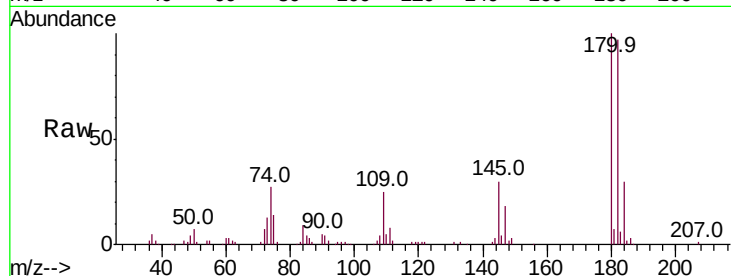




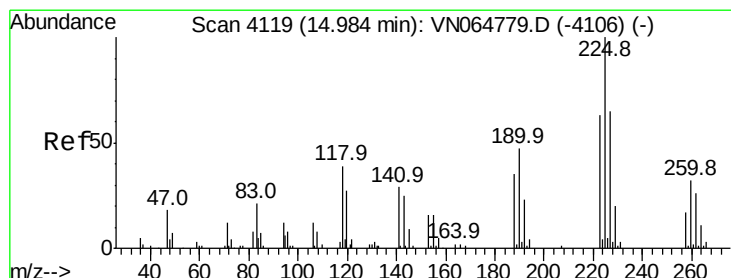
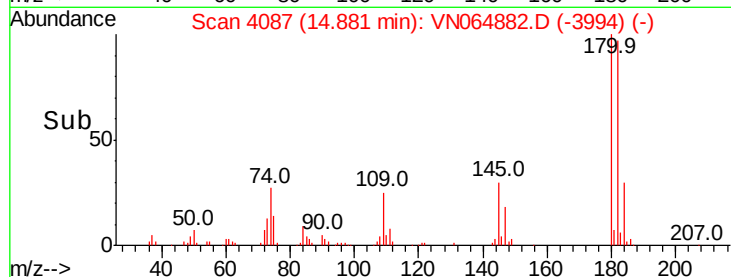
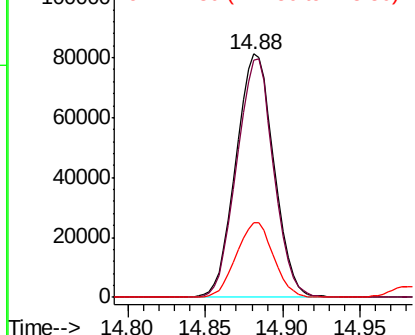
#93
1,2,4-Trichlorobenzene
Concen: 46.581 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:180 Resp: 138565
Ion Ratio Lower Upper
180 100
182 95.5 47.6 142.9
145 30.1 15.3 45.8

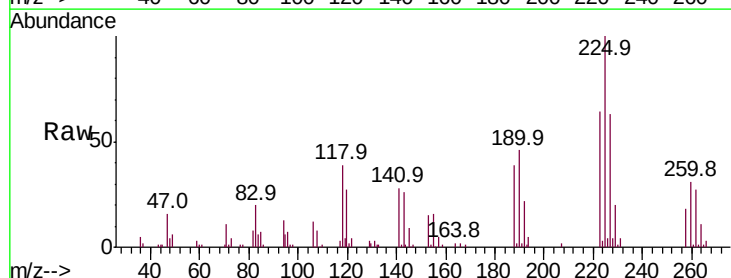


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

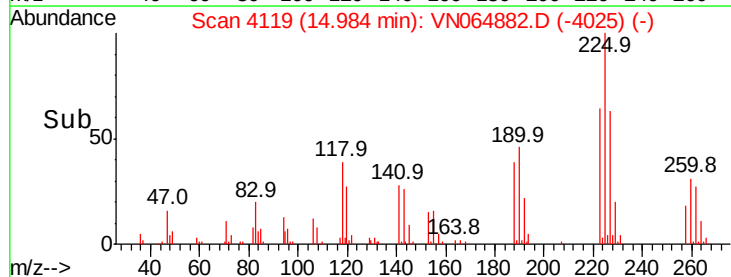
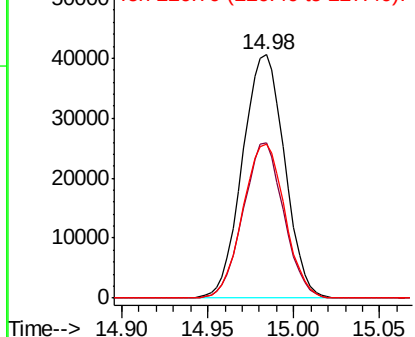


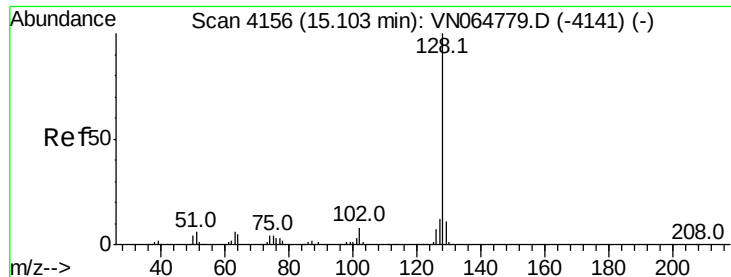
#94
Hexachlorobutadiene
Concen: 51.567 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion:225 Resp: 69092
Ion Ratio Lower Upper
225 100
223 61.2 31.0 93.0
227 63.1 32.0 96.0



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

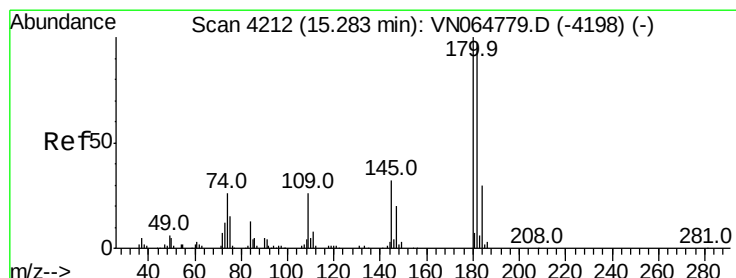
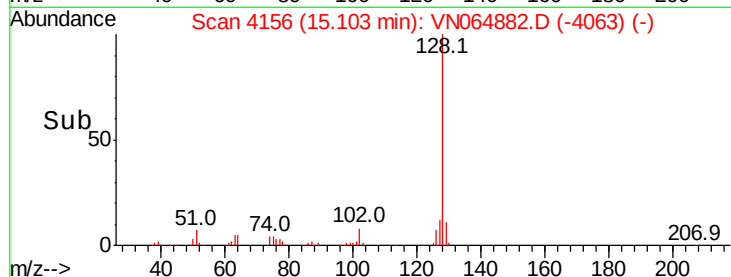
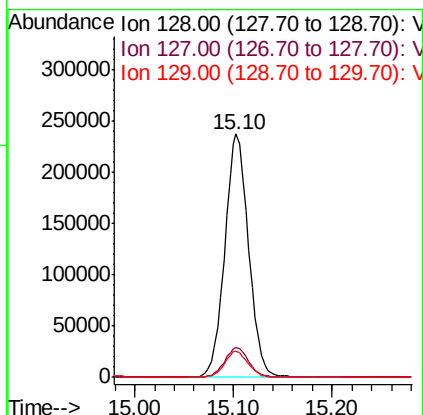
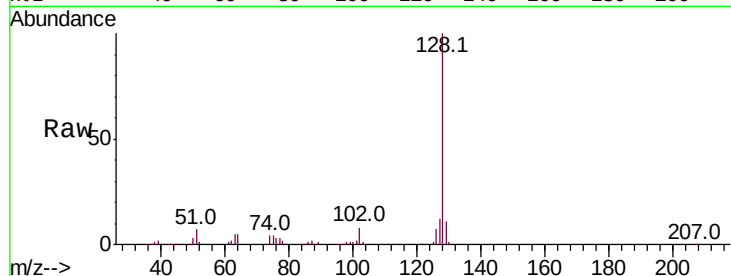




#95
Naphthalene
Concen: 45.083 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 401770
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.181 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion:180 Resp: 133145
Ion Ratio Lower Upper
180 100
182 95.6 48.1 144.4
145 31.8 16.4 49.1

