

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063259.D
 Acq On : 4 Sep 2020 19:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 05 07:32:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	313611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	591787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	565985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	262122	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	258270	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.55	113	190778	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	10.06	98	726598	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.38	95	258246	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	135857	43.987	ug/l	95
3) Chloromethane	2.04	50	207462	46.130	ug/l	98
4) Vinyl Chloride	2.17	62	228630	46.021	ug/l	100
5) Bromomethane	2.53	94	224257	53.627	ug/l	97
6) Chloroethane	2.67	64	211093	53.442	ug/l	99
7) Trichlorofluoromethane	2.98	101	356724	52.220	ug/l	98
8) Diethyl Ether	3.38	74	116104	48.846	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.72	101	161253	47.754	ug/l	99
10) Methyl Iodide	3.91	142	223710	48.575	ug/l	98
11) Tert butyl alcohol	4.73	59	138740	220.470	ug/l	99
12) 1,1-Dichloroethene	3.70	96	166454	48.377	ug/l	98
13) Acrolein	3.57	56	66035	274.009	ug/l	97
14) Allyl chloride	4.27	41	288774	47.256	ug/l	95
15) Acrylonitrile	4.93	53	451014	255.807	ug/l	98
16) Acetone	3.77	43	374908	257.253	ug/l	99
17) Carbon Disulfide	4.01	76	441930	43.151	ug/l	99
18) Methyl Acetate	4.28	43	215268	57.609	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	632033	49.516	ug/l	99
20) Methylene Chloride	4.51	84	207657	50.681	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	194756	51.232	ug/l	94
22) Diisopropyl ether	5.90	45	698541	51.011	ug/l	93
23) Vinyl Acetate	5.84	43	2874608	263.083	ug/l	100
24) 1,1-Dichloroethane	5.80	63	376802	49.913	ug/l	99
25) 2-Butanone	6.78	43	605468	268.314	ug/l	98
26) 2,2-Dichloropropane	6.78	77	284234	41.556	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	233405	50.514	ug/l	97
28) Bromochloromethane	7.15	49	185700	47.083	ug/l	99
29) Tetrahydrofuran	7.17	42	408585	261.861	ug/l	97
30) Chloroform	7.33	83	410686	51.997	ug/l	100
31) Cyclohexane	7.62	56	285913	42.722	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	351580	51.658	ug/l	99
36) 1,1-Dichloropropene	7.75	75	283255	49.789	ug/l	98
37) Ethyl Acetate	6.88	43	270944	50.433	ug/l #	95
38) Carbon Tetrachloride	7.74	117	285256	49.442	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	263693	41.258	ug/l	98
40) Benzene	8.00	78	874341	52.299	ug/l	99
41) Methacrylonitrile	7.13	41	129756	54.139	ug/l	97
42) 1,2-Dichloroethane	8.09	62	336643	53.906	ug/l	99
43) Isopropyl Acetate	8.13	43	492466	53.078	ug/l	99
44) Trichloroethene	8.80	130	219854	54.216	ug/l	99
45) 1,2-Dichloropropane	9.08	63	227838	51.472	ug/l	99
46) Dibromomethane	9.17	93	162680	55.458	ug/l	98
47) Bromodichloromethane	9.37	83	335766	53.401	ug/l	99
48) Methyl methacrylate	9.17	41	232631	55.619	ug/l	96
49) 1,4-Dioxane	9.17	88	62787	970.544	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1458889	289.358	ug/l	99
52) Toluene	10.13	92	563984	54.154	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	347928	50.588	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	374660	51.896	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	218990	54.907	ug/l	98
56) Ethyl methacrylate	10.40	69	326436	53.781	ug/l	98
57) 1,3-Dichloropropane	10.68	76	385784	54.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	796914	253.540	ug/l	100
59) 2-Hexanone	10.72	43	1059017	298.878	ug/l	99
60) Dibromochloromethane	10.87	129	243778	55.285	ug/l	99
61) 1,2-Dibromoethane	10.98	107	229374	55.323	ug/l	98
64) Tetrachloroethene	10.60	164	211588	52.060	ug/l	98
65) Chlorobenzene	11.41	112	585759	51.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	218173	51.548	ug/l	97
67) Ethyl Benzene	11.49	91	1087226	52.280	ug/l	100
68) m/p-Xylenes	11.59	106	792619	102.907	ug/l	99
69) o-Xylene	11.92	106	388287	52.184	ug/l	99
70) Styrene	11.94	104	676398	52.895	ug/l	99
71) Bromoform	12.10	173	153942	53.595	ug/l #	99
73) Isopropylbenzene	12.22	105	998851	49.683	ug/l	99
74) N-amyl acetate	12.04	43	446830	53.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	312509	53.916	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	413637	80.316	ug/l #	100
77) Bromobenzene	12.50	156	239567	52.689	ug/l	97
78) n-propylbenzene	12.57	91	1155547	49.671	ug/l	100
79) 2-Chlorotoluene	12.65	91	700724	50.289	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	841302	50.274	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	94965	44.567	ug/l	91
82) 4-Chlorotoluene	12.75	91	740323	51.229	ug/l	99
83) tert-Butylbenzene	12.97	119	654762	45.623	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	862659	51.143	ug/l	98
85) sec-Butylbenzene	13.15	105	888995	47.529	ug/l	98
86) p-Isopropyltoluene	13.26	119	785490	47.302	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	437128	52.333	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	442543	51.168	ug/l	99
89) n-Butylbenzene	13.59	91	687579	44.819	ug/l	99
90) Hexachloroethane	13.85	117	133072	43.289	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	444030	54.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62202	48.813	ug/l	96

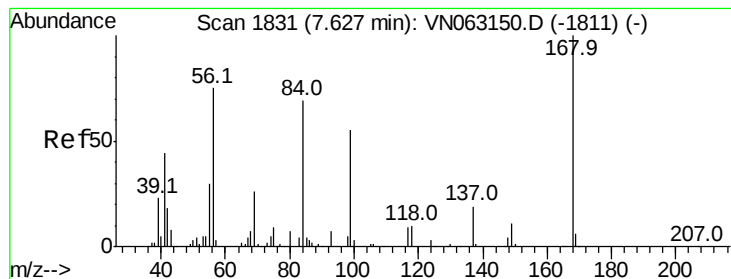
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	218148	48.172	ug/l	98
94) Hexachlorobutadiene	14.98	225	71460	42.241	ug/l	97
95) Naphthalene	15.11	128	770272	50.982	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	213003	48.279	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

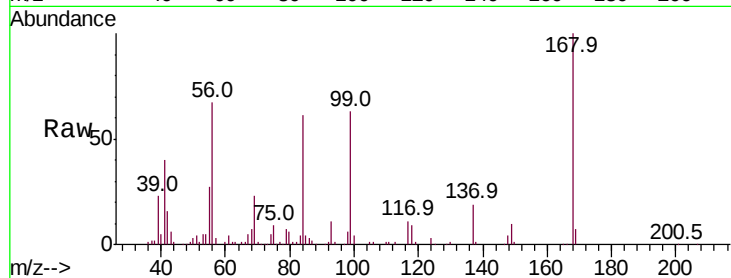
VSTDCCC050EC

Tot Ion:168 Resp: 313611

Ion Ratio Lower Upper

168 100

99 62.9 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

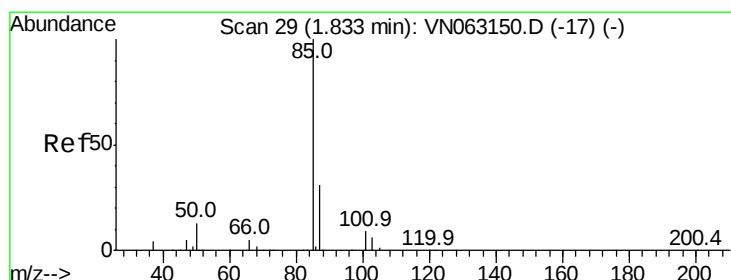
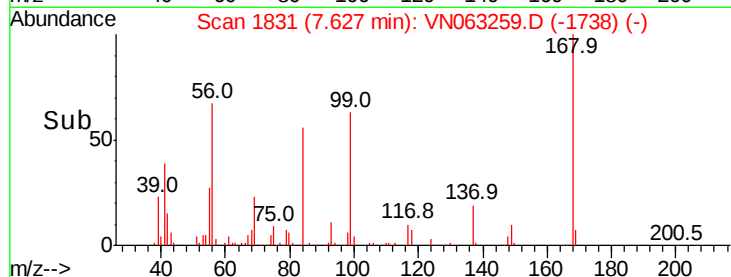
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 43.987 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063259.D

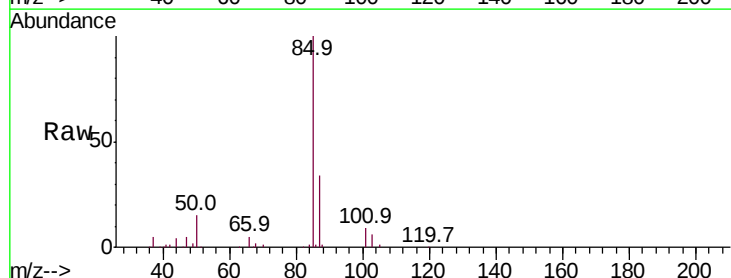
Acq: 4 Sep 2020 19:48

Tgt Ion: 85 Resp: 135857

Ion Ratio Lower Upper

85 100

87 34.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

60000

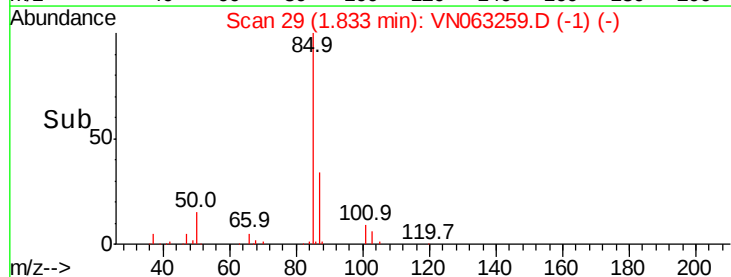
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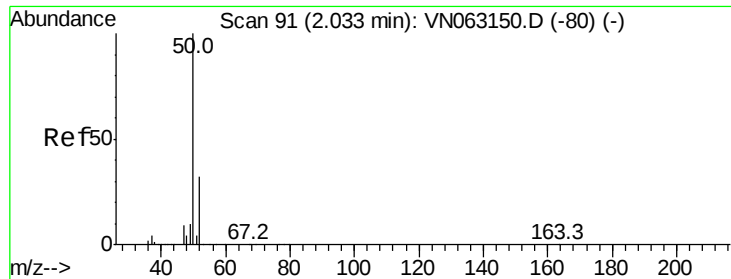
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 46.130 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

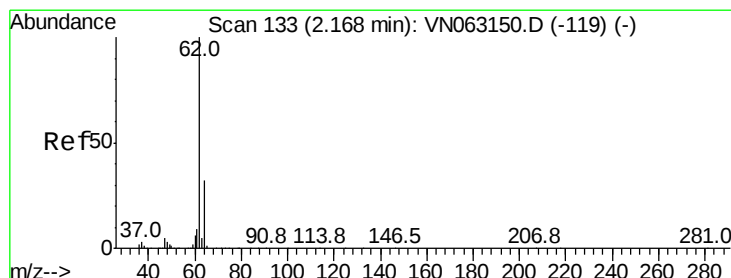
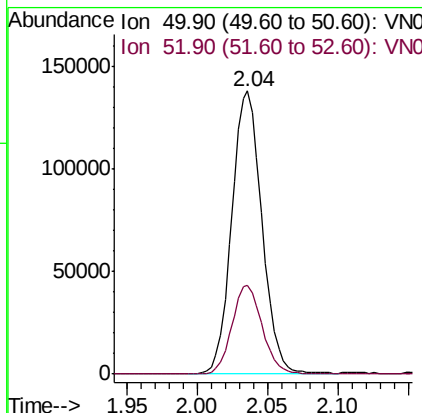
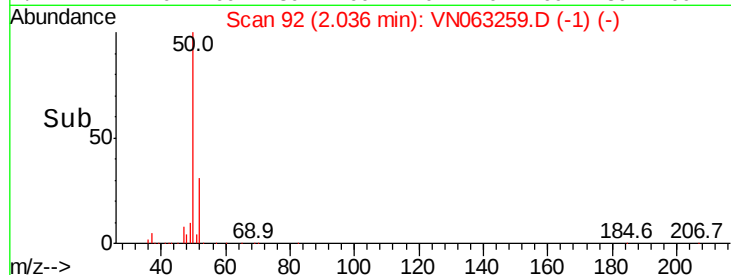
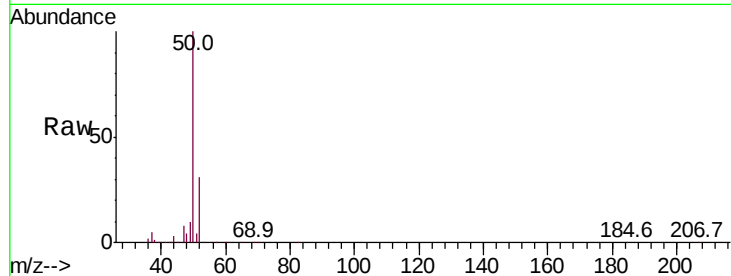
VSTDCCC050EC

Tot Ion: 50 Resp: 207462

Ion Ratio Lower Upper

50 100

52 31.3 25.8 38.6



#4

Vinyl Chloride

Concen: 46.021 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063259.D

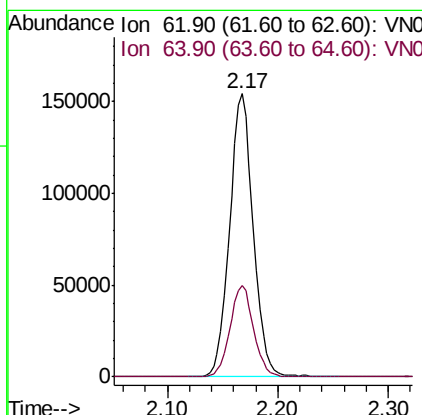
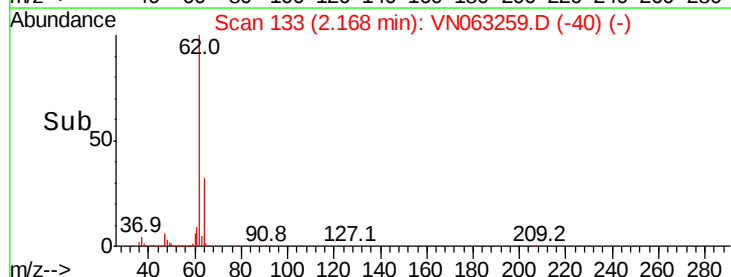
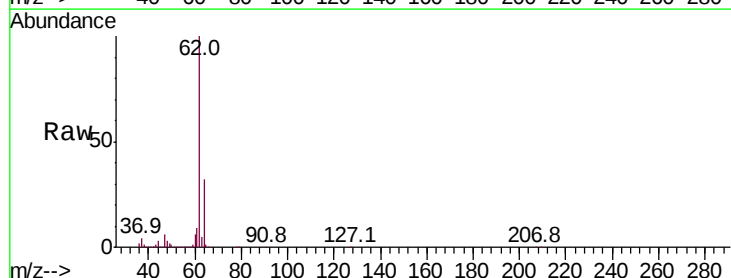
Acq: 4 Sep 2020 19:48

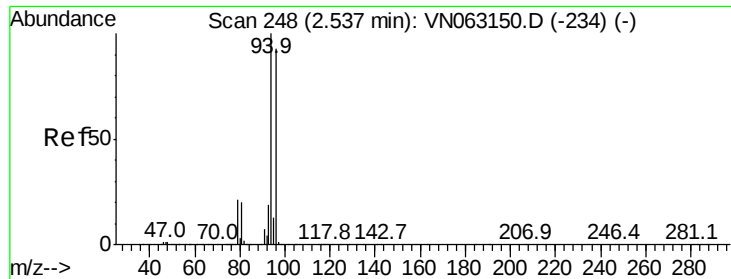
Tgt Ion: 62 Resp: 228630

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 53.627 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

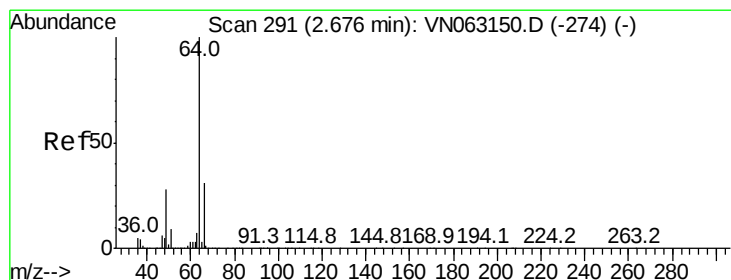
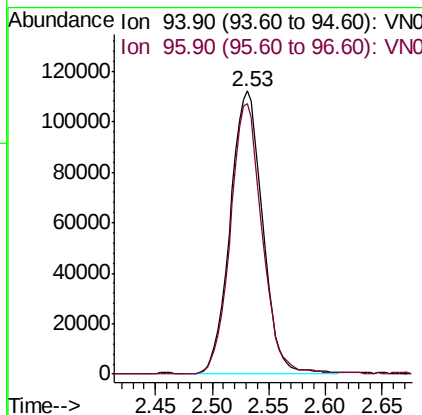
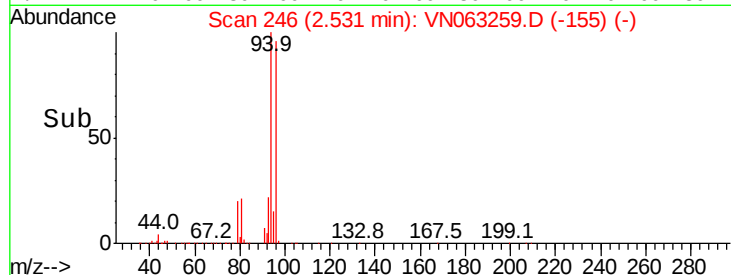
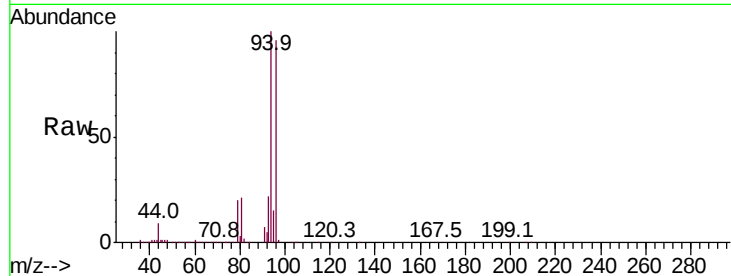
VSTDCCC050EC

Tot Ion: 94 Resp: 224257

Ion Ratio Lower Upper

94 100

96 95.5 74.4 111.6



#6

Chloroethane

Concen: 53.442 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063259.D

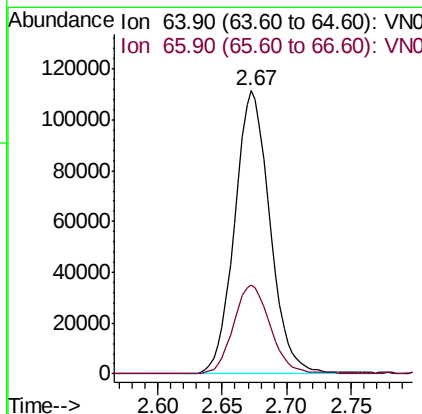
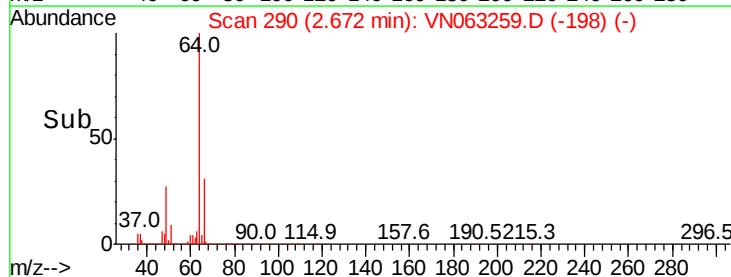
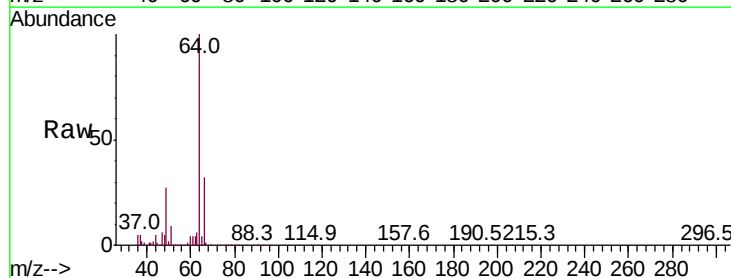
Acq: 4 Sep 2020 19:48

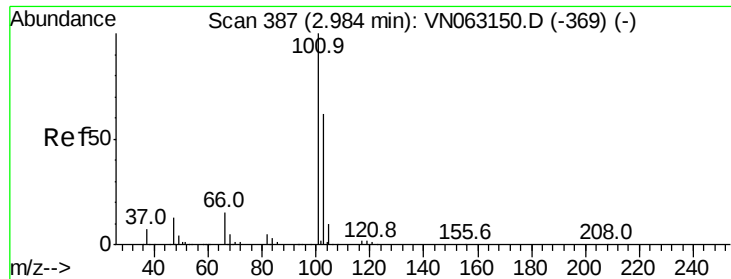
Tgt Ion: 64 Resp: 211093

Ion Ratio Lower Upper

64 100

66 31.4 24.7 37.1



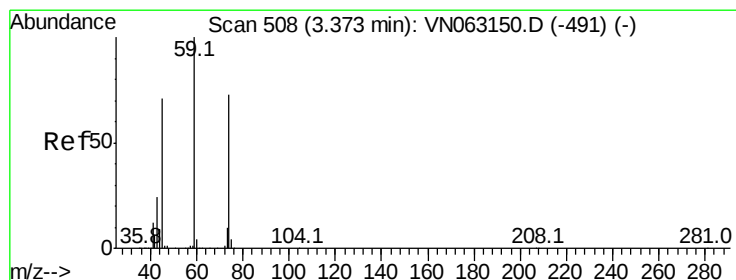
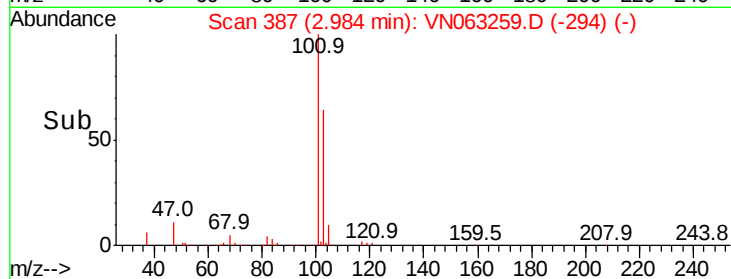
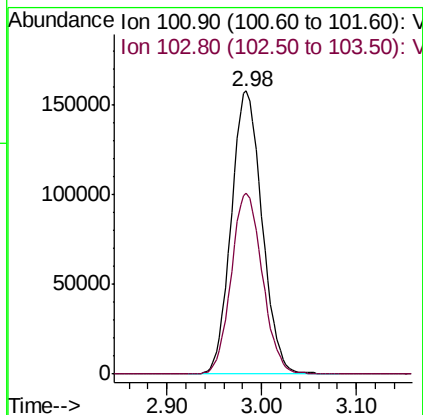
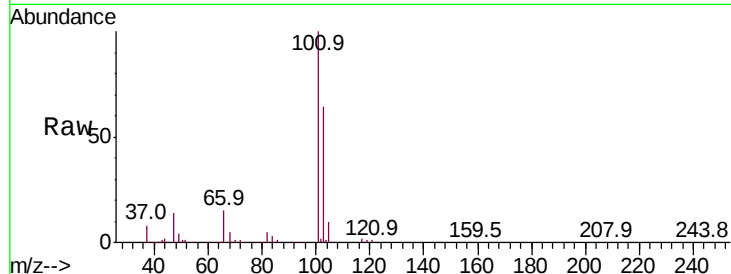


#7

Trichlorofluoromethane
 Concen: 52.220 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

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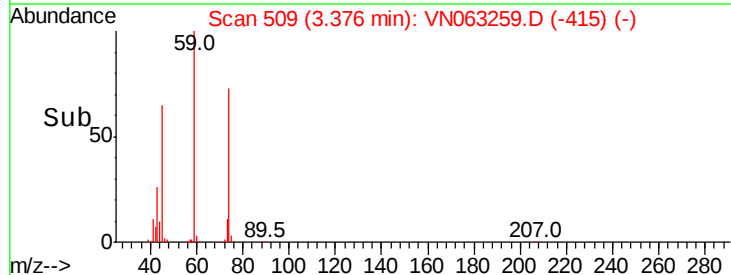
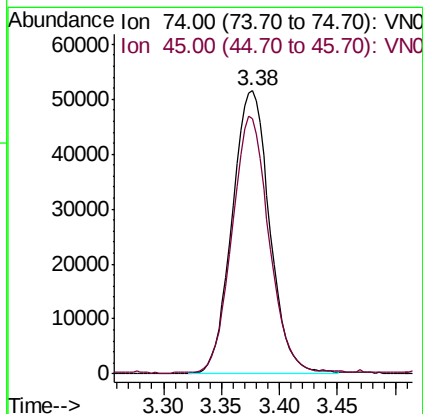
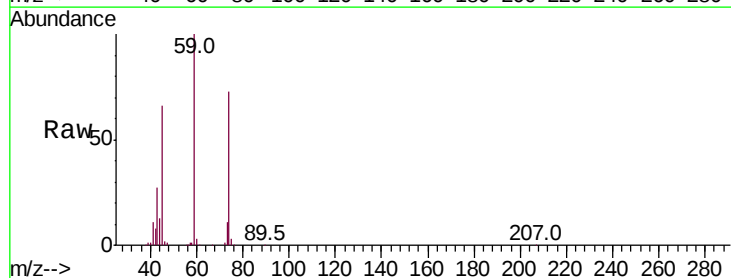
Tot Ion:101 Resp: 356724
 Ion Ratio Lower Upper
 101 100
 103 63.7 49.7 74.5

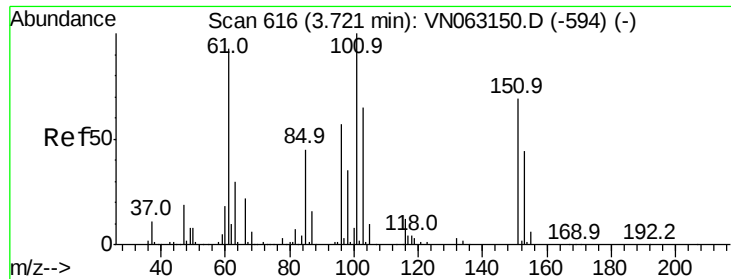


#8

Diethyl Ether
 Concen: 48.846 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

Tgt Ion: 74 Resp: 116104
 Ion Ratio Lower Upper
 74 100
 45 88.3 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.754 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

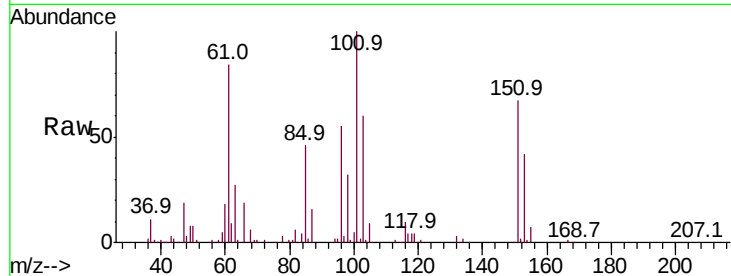
Tot Ion:101 Resp: 161253

Ion Ratio Lower Upper

101 100

85 47.8 37.8 56.8

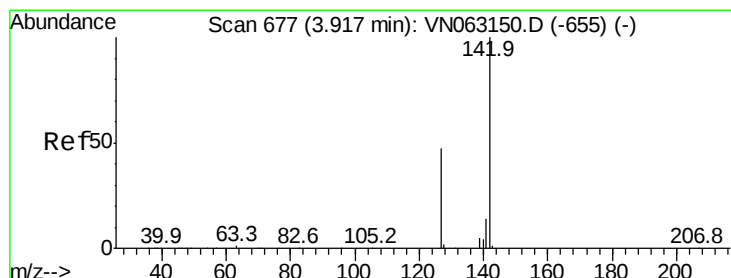
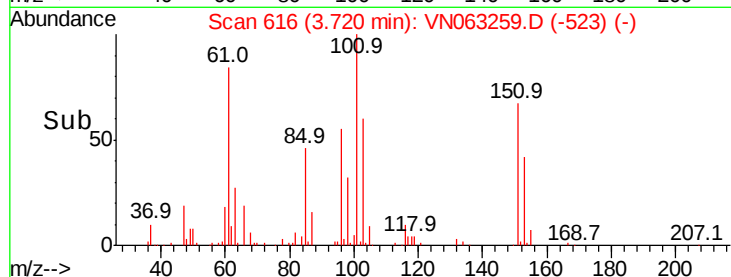
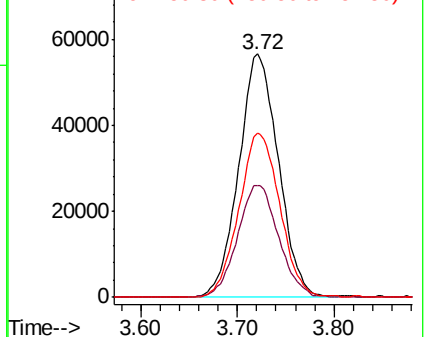
151 69.5 55.0 82.4



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: 48.575 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

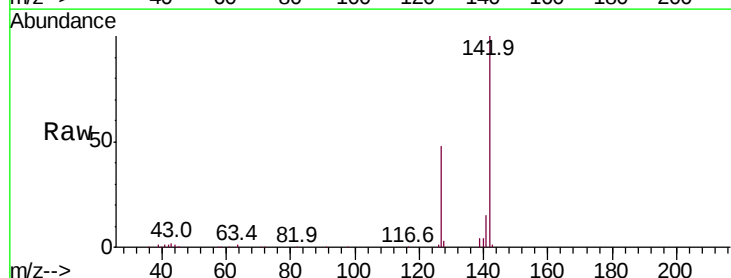
Tgt Ion:142 Resp: 223710

Ion Ratio Lower Upper

142 100

127 47.9 37.6 56.4

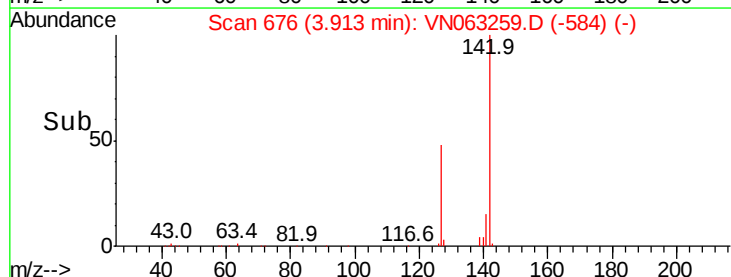
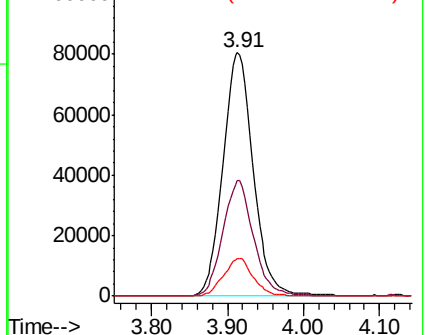
141 15.2 11.3 16.9

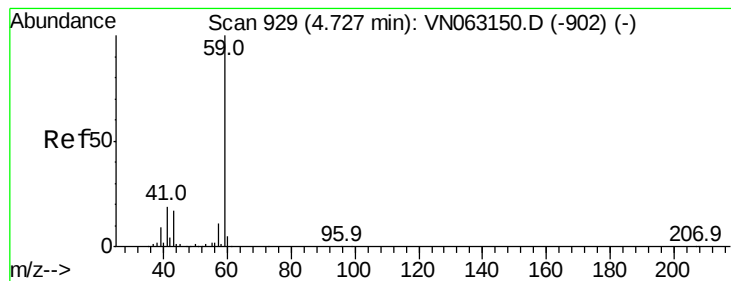


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



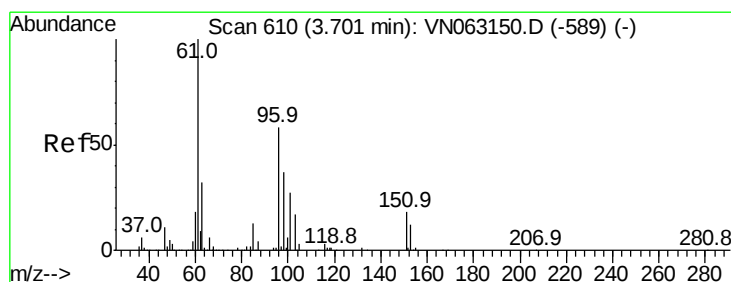
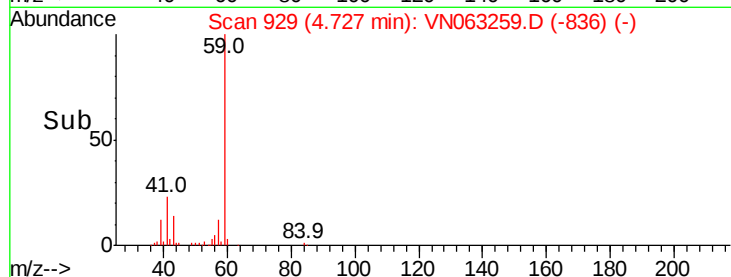
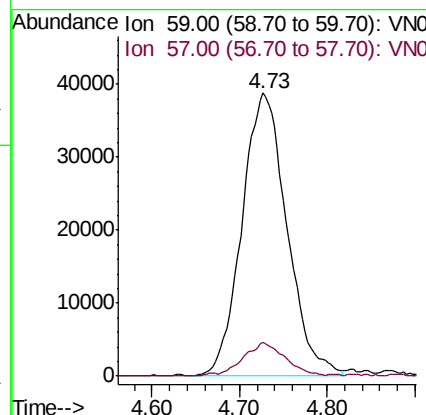
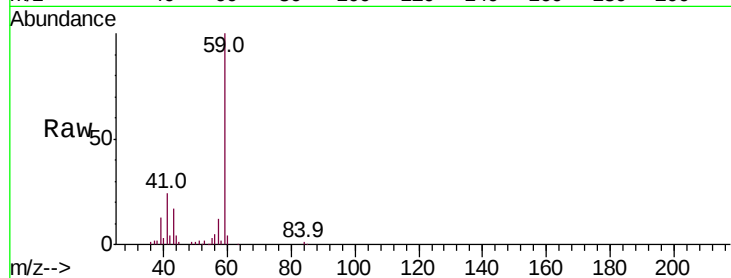


#11

Tert butyl alcohol
Concen: 220.470 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

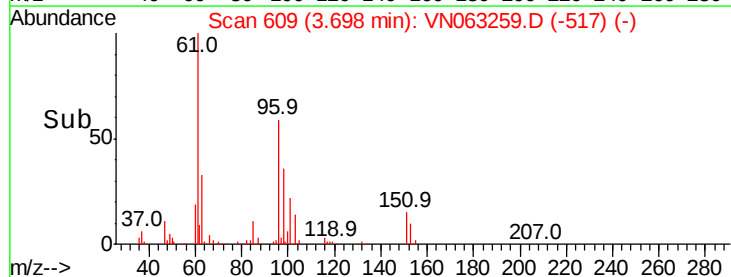
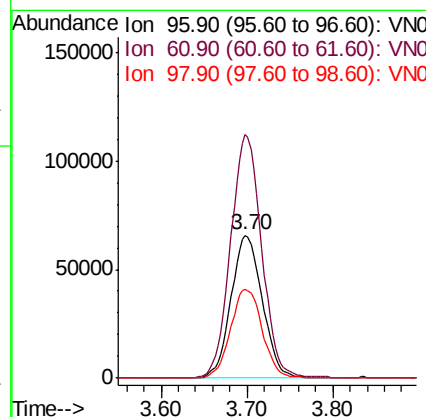
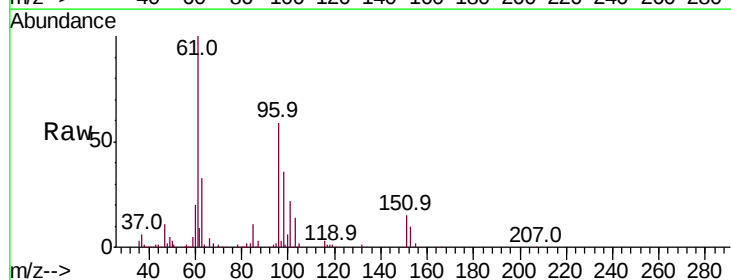
Tot Ion: 59 Resp: 138740
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6

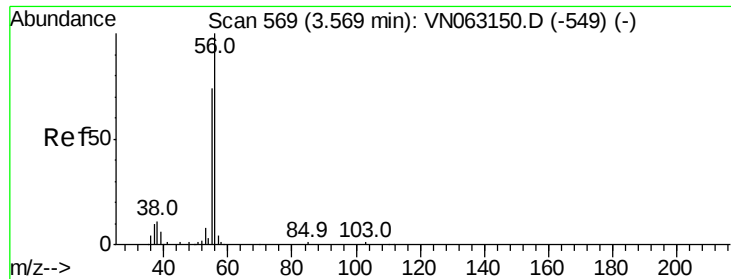


#12

1,1-Dichloroethene
Concen: 48.377 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Tgt Ion: 96 Resp: 166454
Ion Ratio Lower Upper
96 100
61 169.8 137.4 206.2
98 61.8 50.5 75.7





#13

Acrolein

Concen: 274.009 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

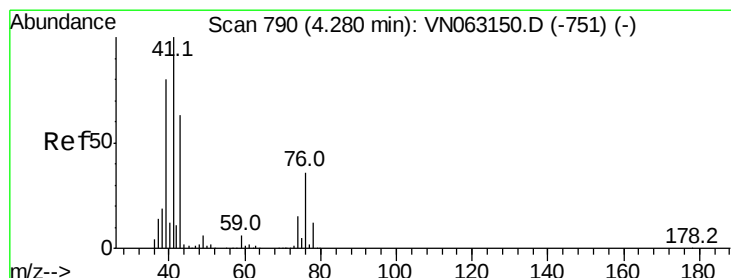
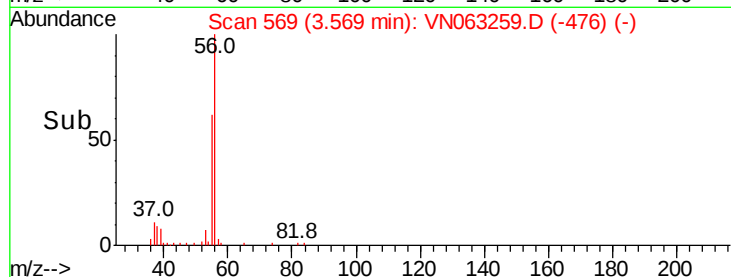
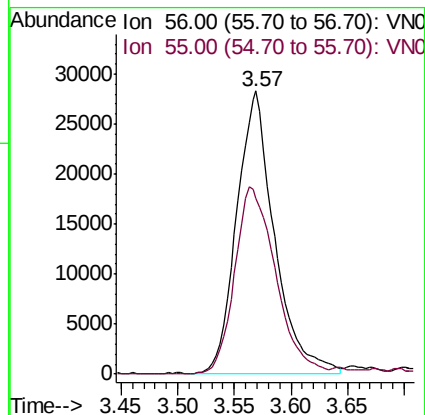
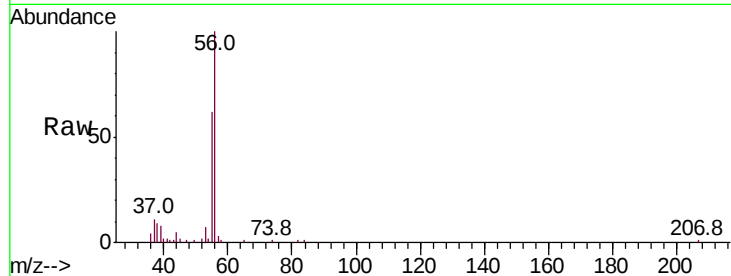
VSTDCCC050EC

Tot Ion: 56 Resp: 66035

Ion Ratio Lower Upper

56 100

55 71.5 55.4 83.0



#14

Allyl chloride

Concen: 47.256 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

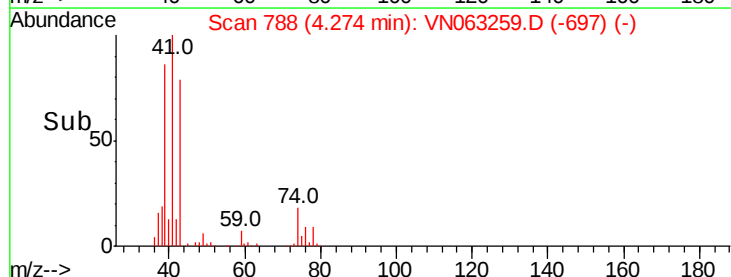
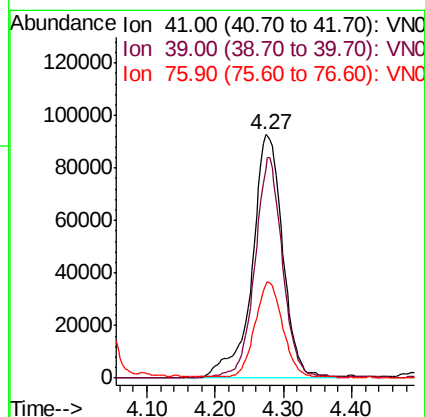
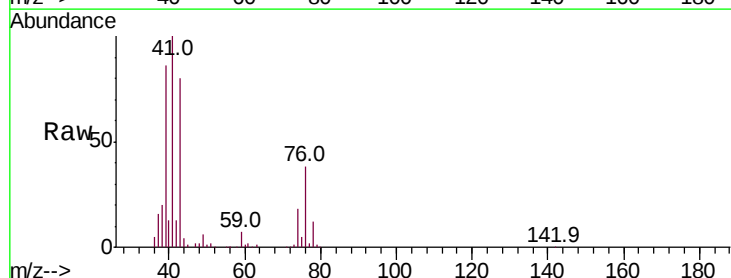
Tgt Ion: 41 Resp: 288774

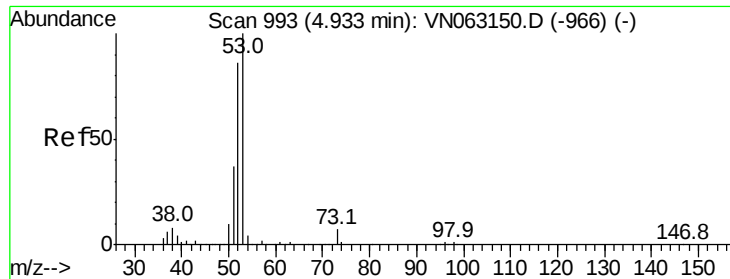
Ion Ratio Lower Upper

41 100

39 81.6 60.2 90.2

76 35.0 27.7 41.5





#15

Acrylonitrile

Concen: 255.807 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

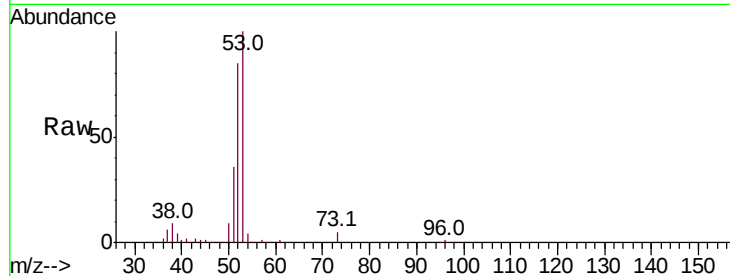
Tot Ion: 53 Resp: 451014

Ion Ratio Lower Upper

53 100

52 81.4 67.2 100.8

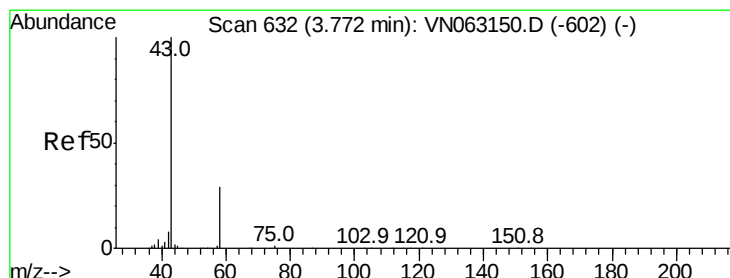
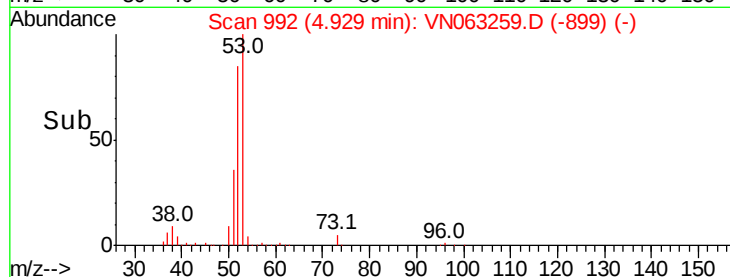
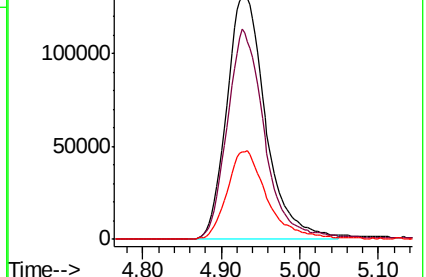
51 37.5 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063150.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN063150.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN063150.D (-966) (-)



#16

Acetone

Concen: 257.253 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063259.D

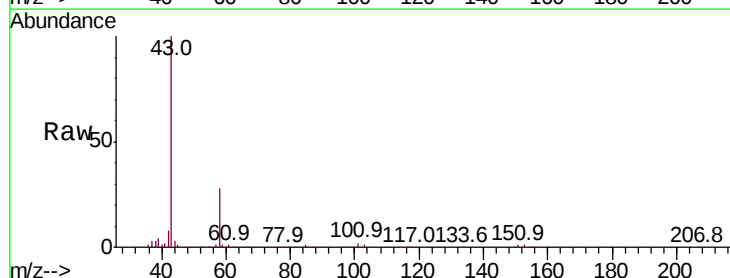
Acq: 4 Sep 2020 19:48

Tgt Ion: 43 Resp: 374908

Ion Ratio Lower Upper

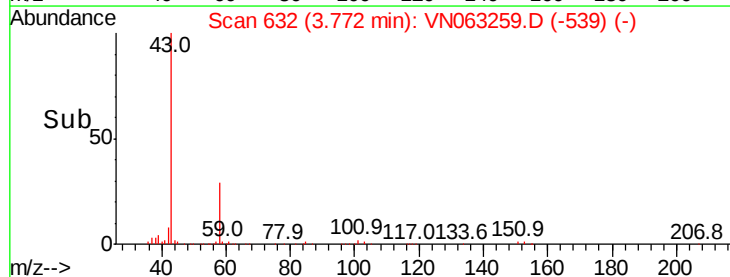
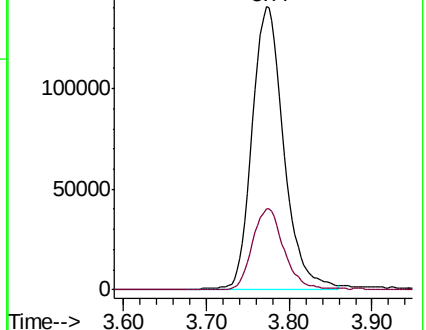
43 100

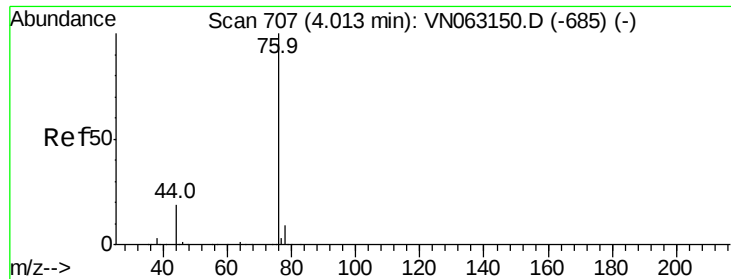
58 28.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-602) (-)

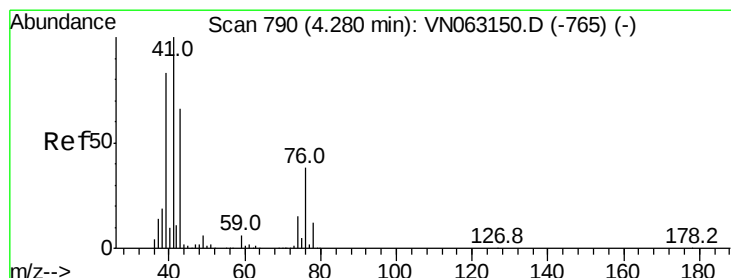
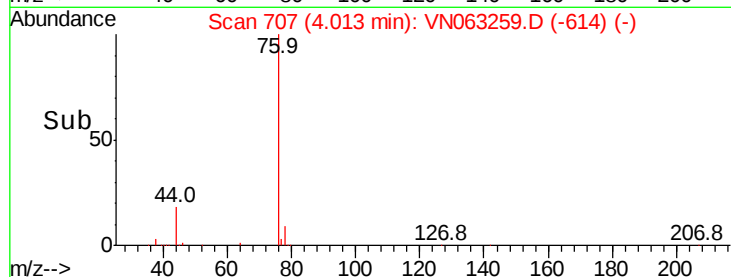
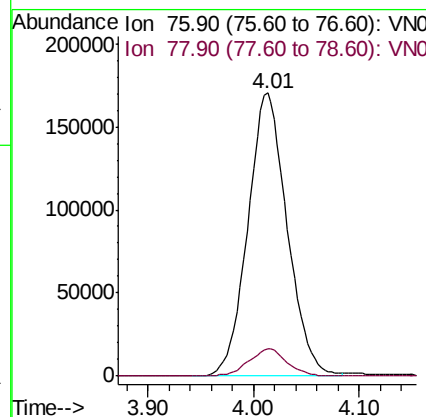
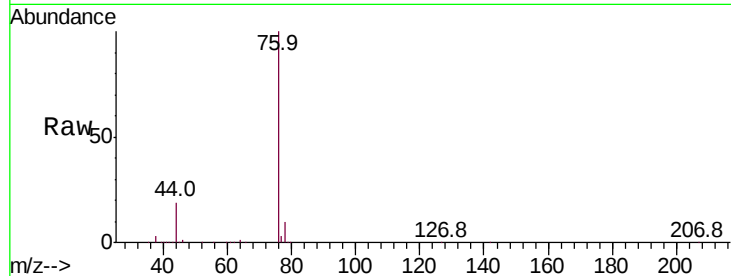




#17
Carbon Disulfide
Concen: 43.151 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

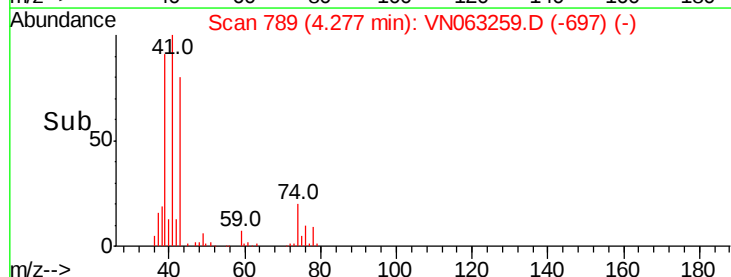
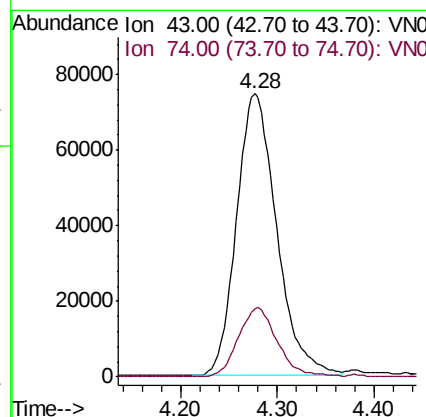
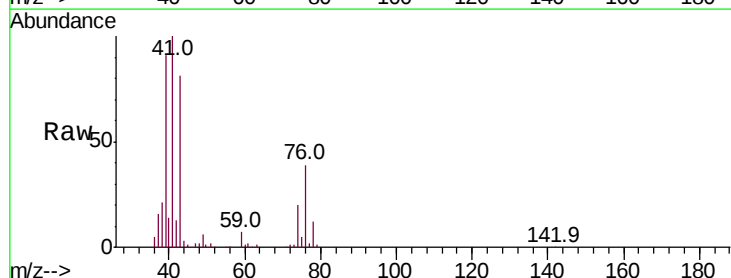
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

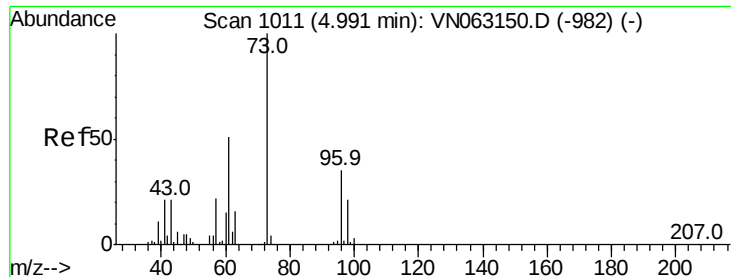
Tot Ion: 76 Resp: 441930
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 57.609 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Tgt Ion: 43 Resp: 215268
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6



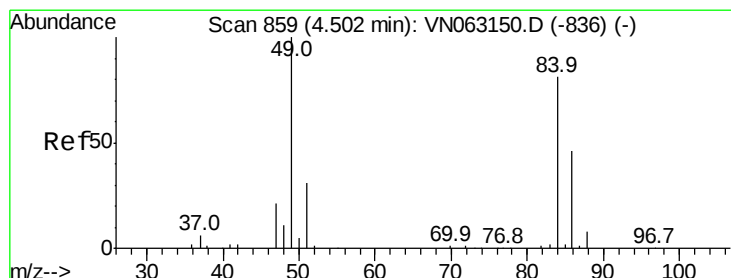
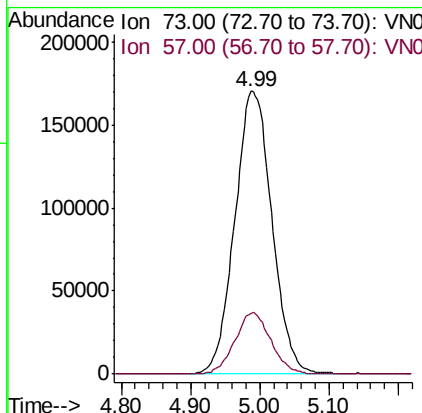
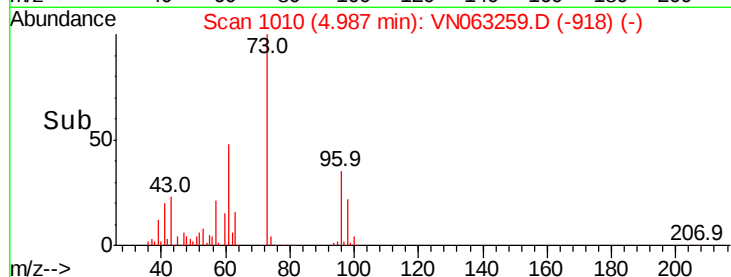
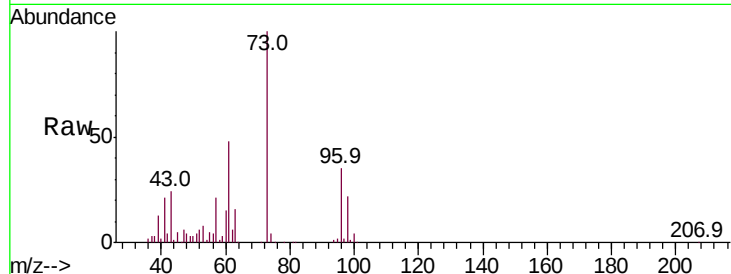


#19

Methyl tert-butyl Ether
 Concen: 49.516 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

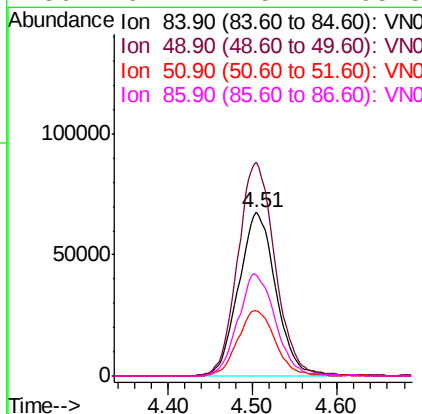
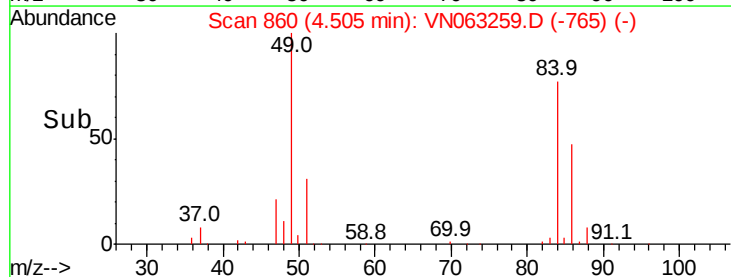
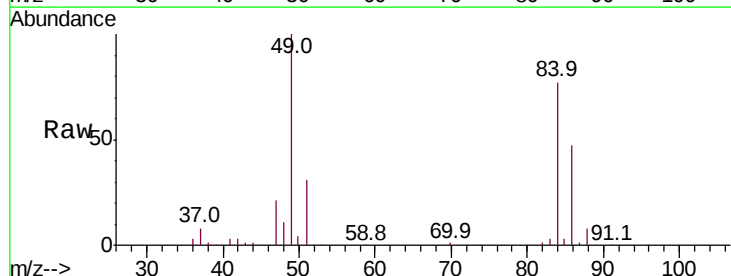
Tot Ion: 73 Resp: 632033
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.6 26.4

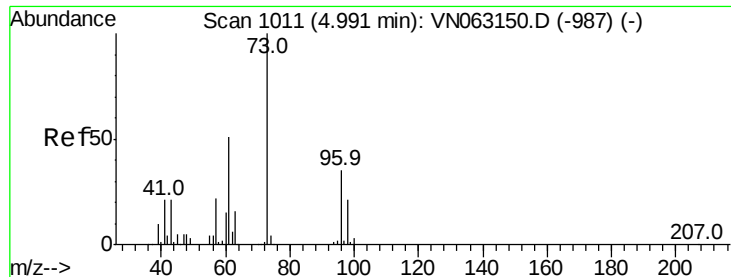


#20

Methylene Chloride
 Concen: 50.681 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

Tgt Ion: 84 Resp: 207657
 Ion Ratio Lower Upper
 84 100
 49 130.4 98.4 147.6
 51 39.9 30.4 45.6
 86 61.4 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 51.232 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

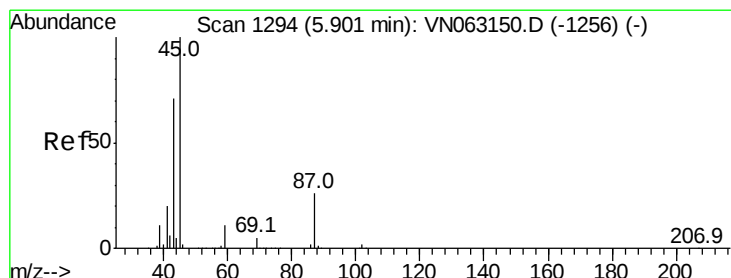
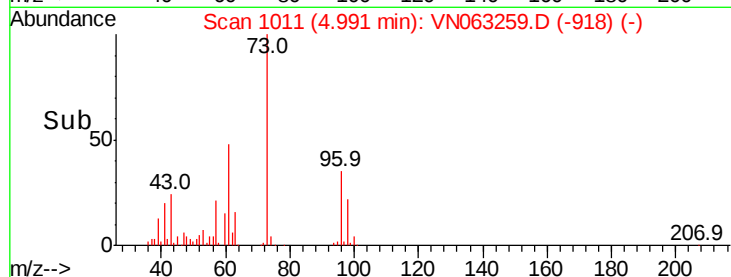
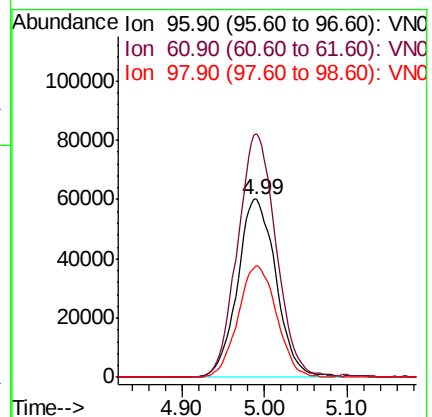
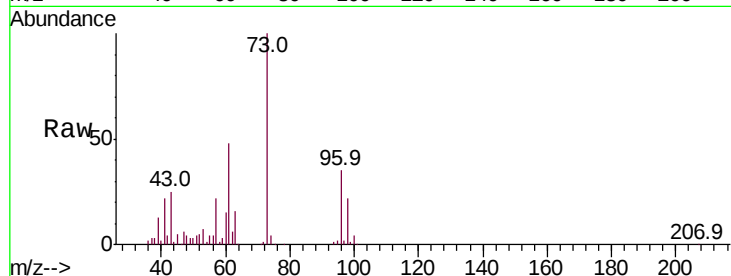
Tot Ion: 96 Resp: 194756

Ion Ratio Lower Upper

96 100

61 136.7 116.2 174.4

98 62.5 48.0 72.0



#22

Diisopropyl ether

Concen: 51.011 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Tgt Ion: 45 Resp: 698541

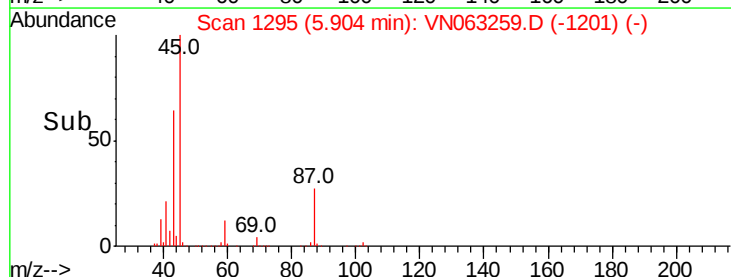
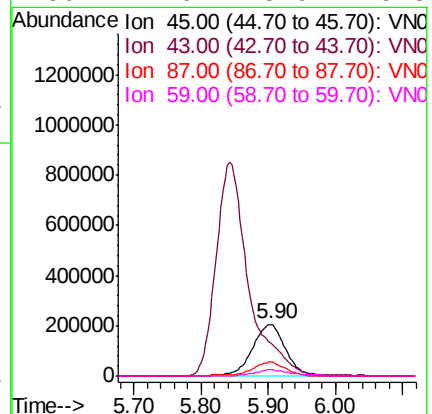
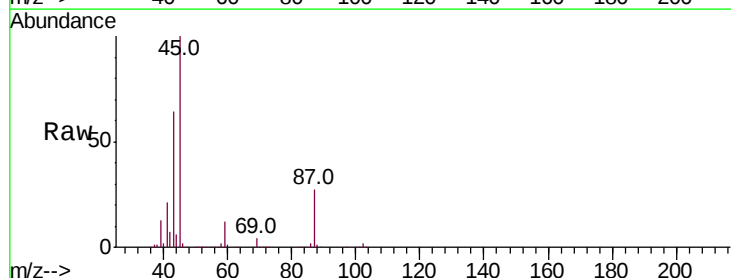
Ion Ratio Lower Upper

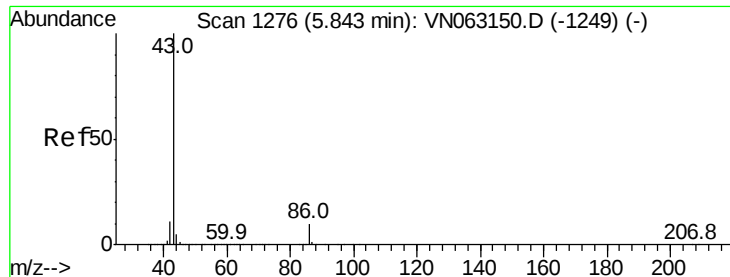
45 100

43 62.3 56.8 85.2

87 26.9 21.1 31.7

59 11.6 8.9 13.3





#23

Vinyl Acetate

Concen: 263.083 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

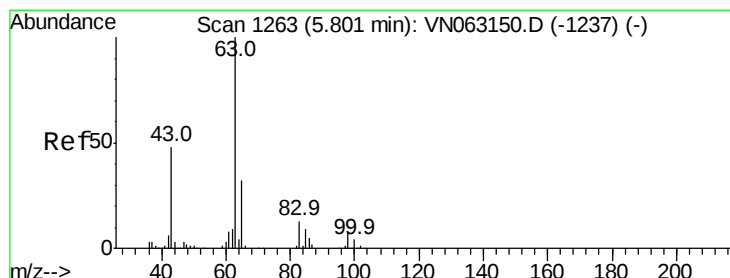
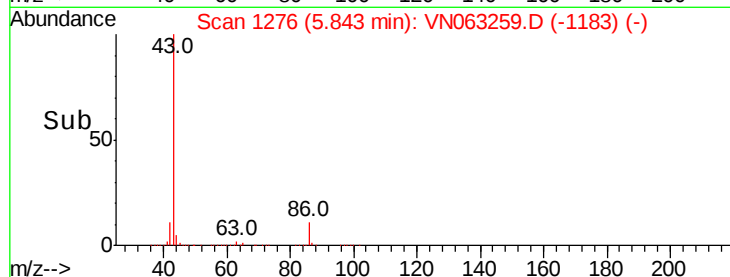
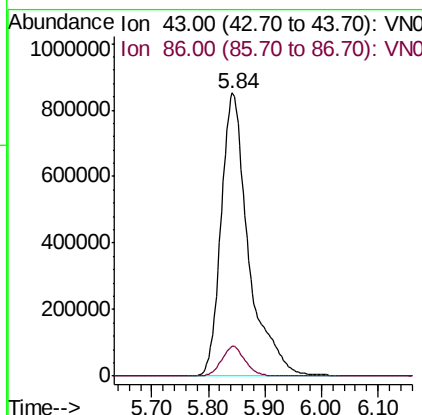
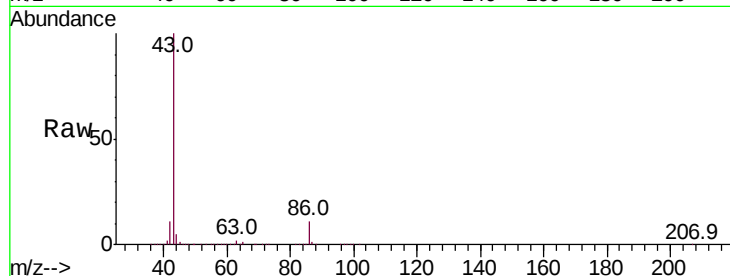
Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2874608

Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.3	12.5



#24

1,1-Dichloroethane

Concen: 49.913 ug/l

RT: 5.80 min Scan# 1262

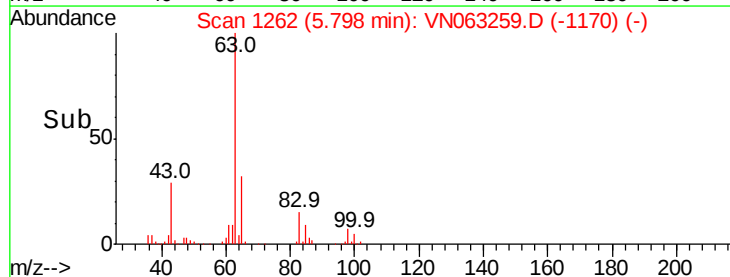
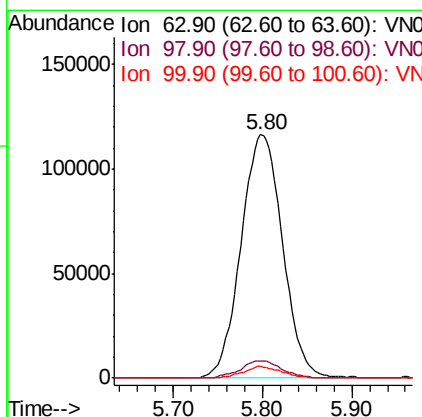
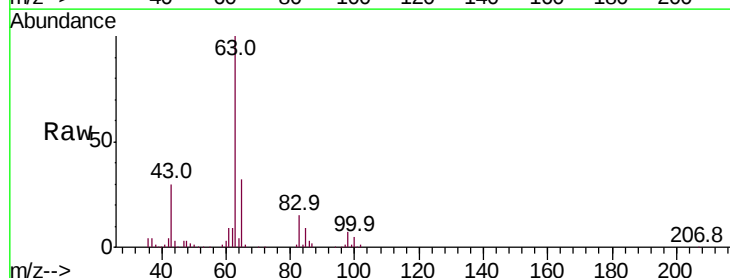
Delta R.T. -0.00 min

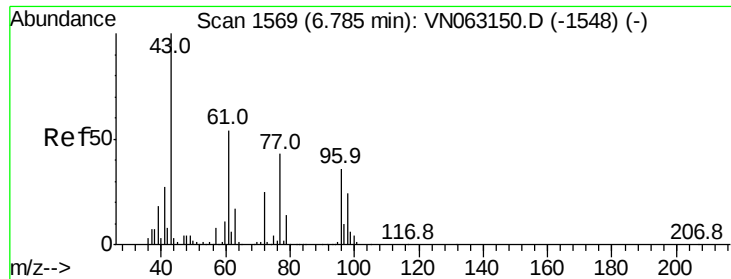
Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Tgt Ion: 63 Resp: 376802

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.4	10.1
100	4.9	2.3	6.8





#25

2-Butanone

Concen: 268.314 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

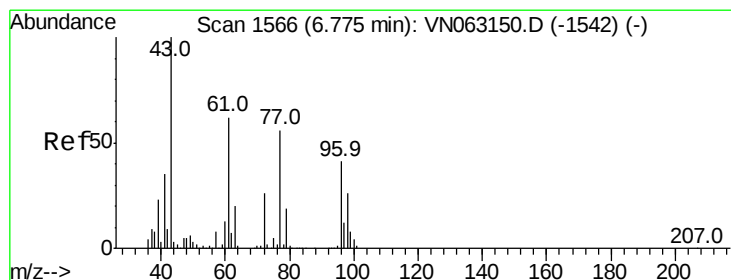
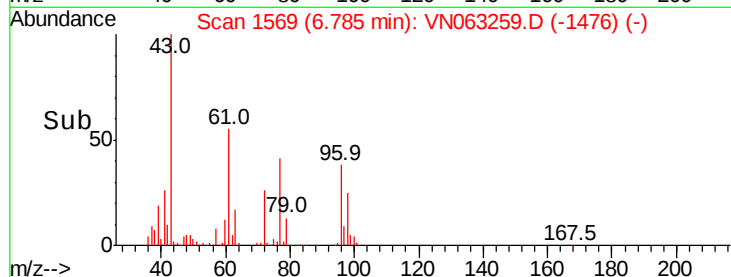
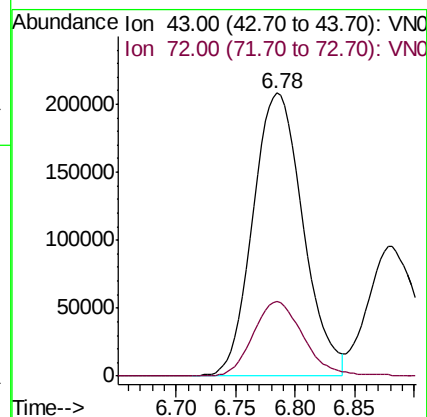
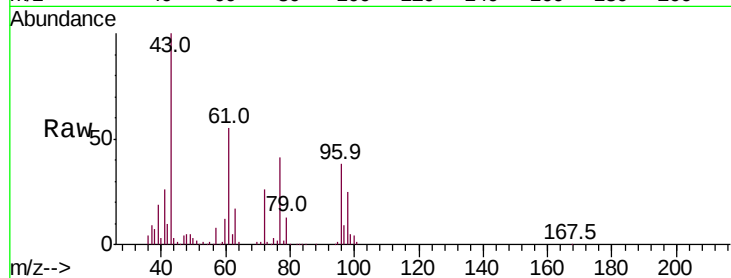
VSTDCCC050EC

Tot Ion: 43 Resp: 605468

Ion Ratio Lower Upper

43 100

72 26.4 20.2 30.4



#26

2,2-Dichloropropane

Concen: 41.556 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063259.D

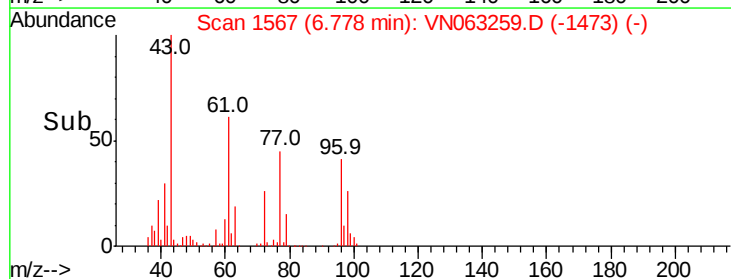
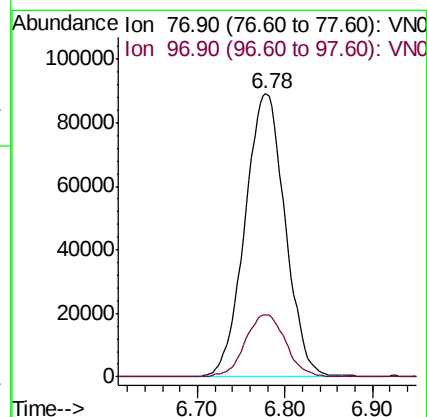
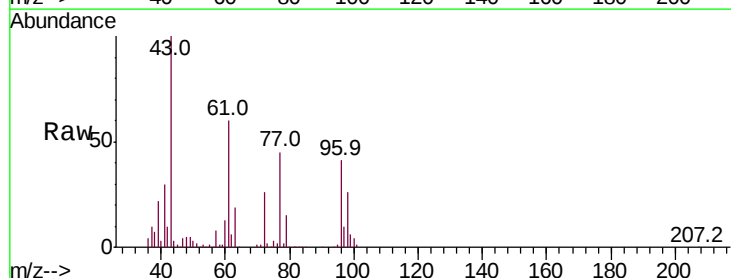
Acq: 4 Sep 2020 19:48

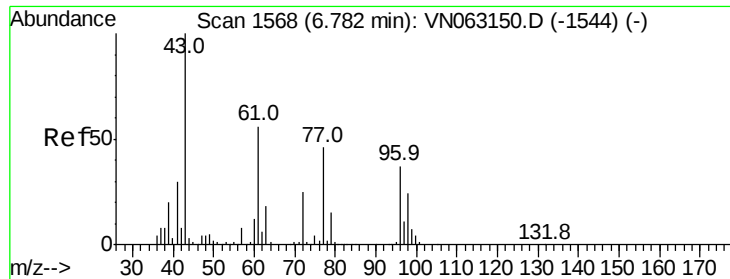
Tgt Ion: 77 Resp: 284234

Ion Ratio Lower Upper

77 100

97 22.1 10.7 31.9

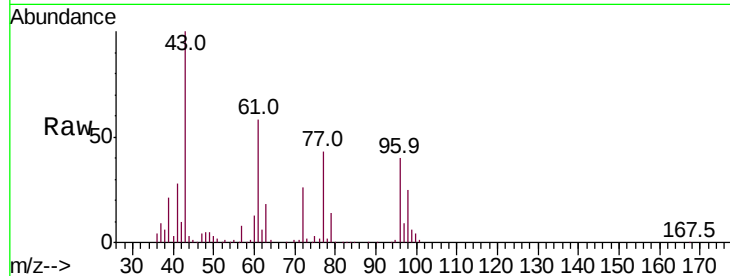




#27
 cis-1,2-Dichloroethene
 Concen: 50.514 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

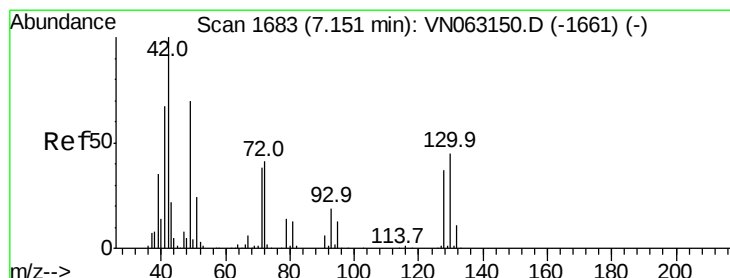
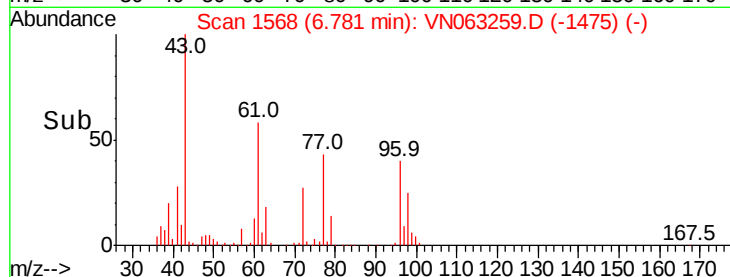
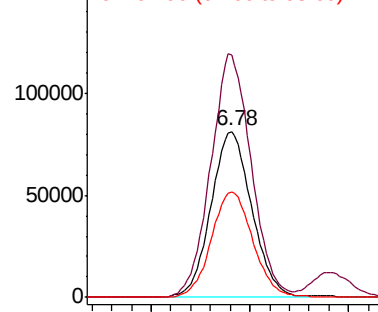
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	303.2
98	64.9	0.0	129.0



Abundance Ion 95.90 (95.60 to 96.60): VN063150.D (-1544) (-)

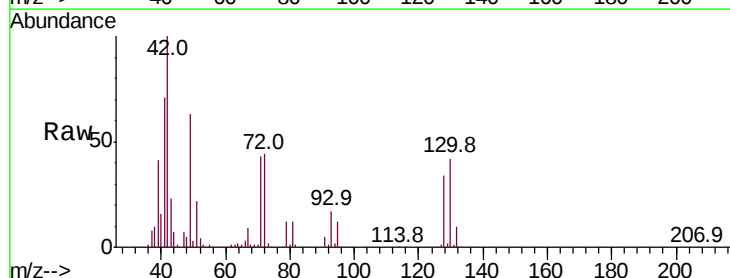
Ion 60.90 (60.60 to 61.60): VN063150.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063150.D (-1544) (-)



#28
 Bromochloromethane
 Concen: 47.083 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

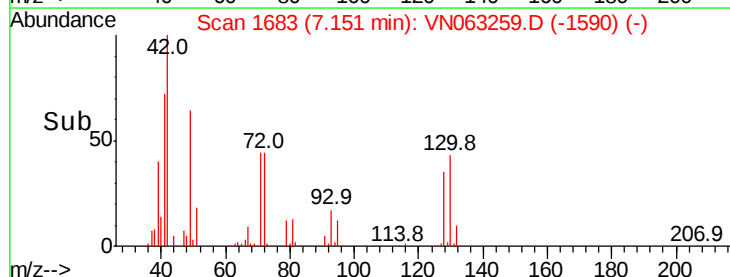
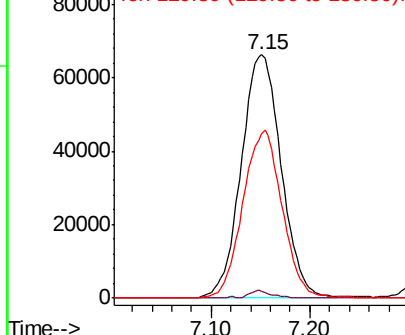
Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	67.4	54.4	81.6

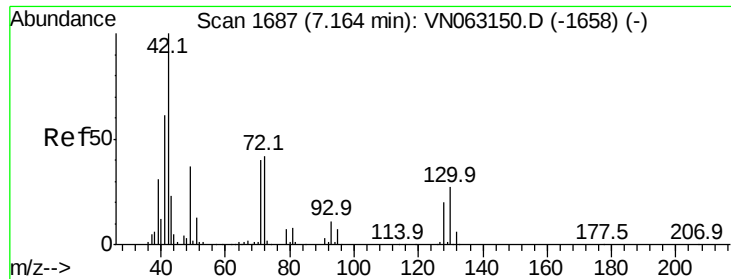


Abundance Ion 48.90 (48.60 to 49.60): VN063150.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN063150.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN063150.D (-1661) (-)





#29

Tetrahydrofuran

Concen: 261.861 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

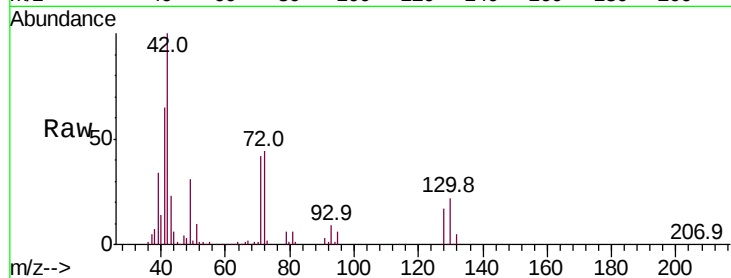
Tot Ion: 42 Resp: 408585

Ion Ratio Lower Upper

42 100

72 43.7 33.9 50.9

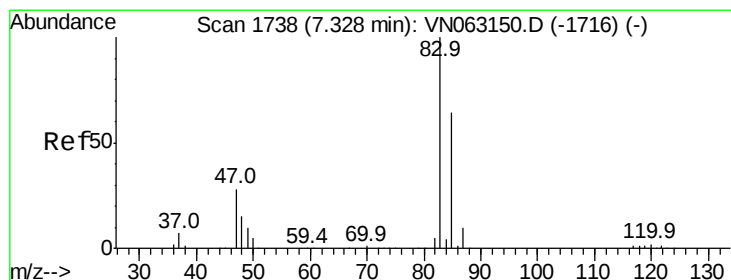
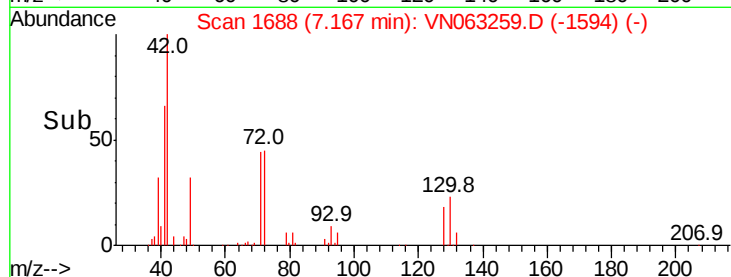
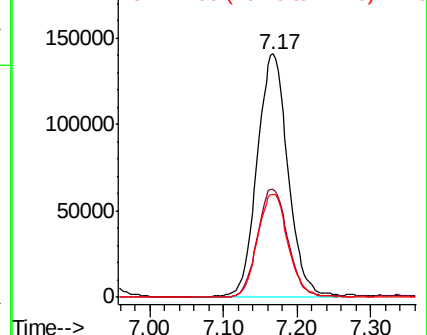
71 42.2 31.9 47.9



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: 51.997 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063259.D

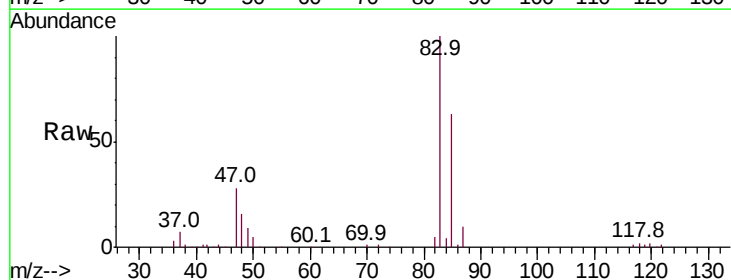
Acq: 4 Sep 2020 19:48

Tgt Ion: 83 Resp: 410686

Ion Ratio Lower Upper

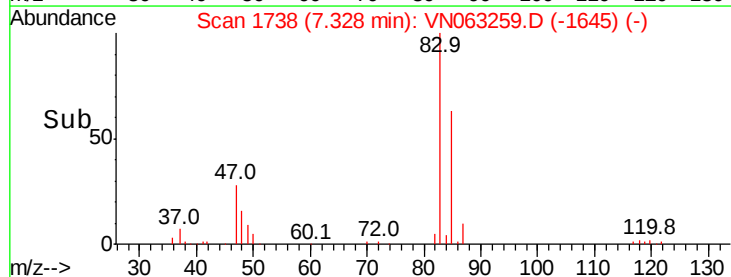
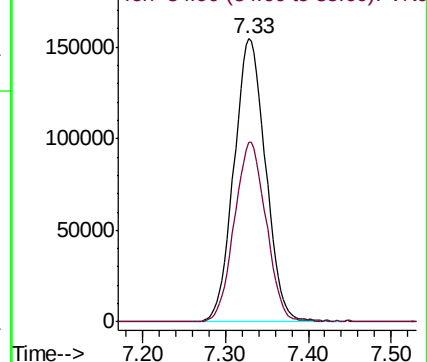
83 100

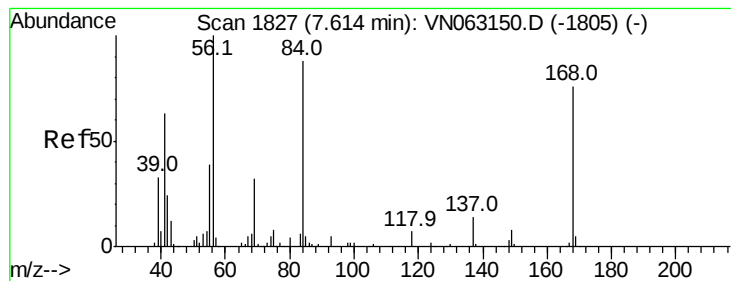
85 63.5 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 42.722 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

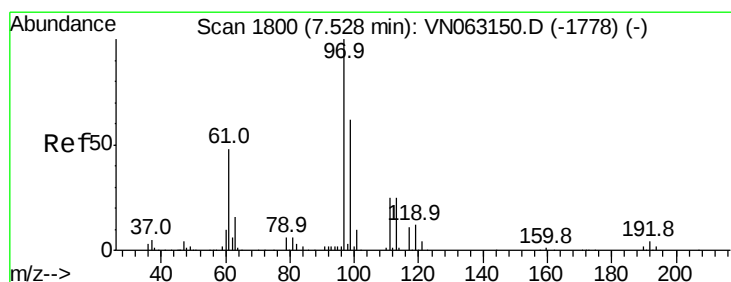
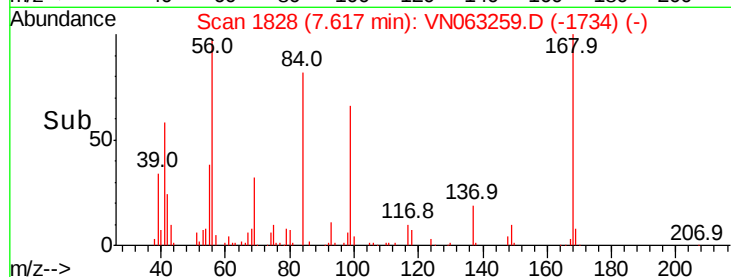
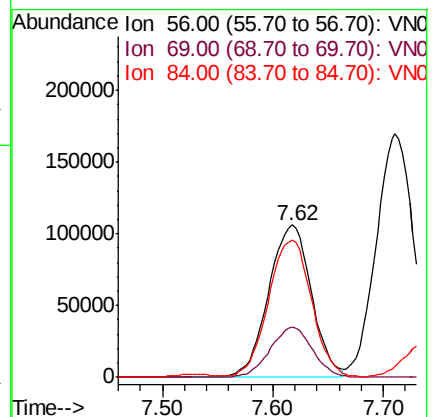
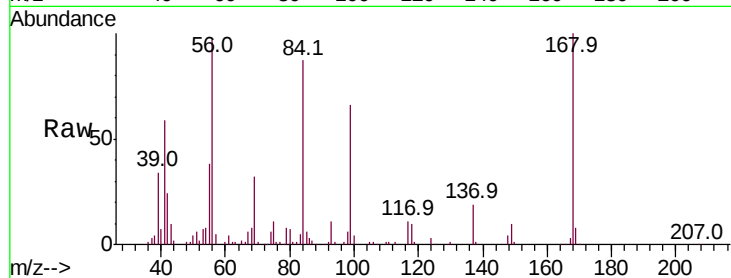
Tot Ion: 56 Resp: 285913

Ion Ratio Lower Upper

56 100

69 32.7 25.4 38.0

84 88.1 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 51.658 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

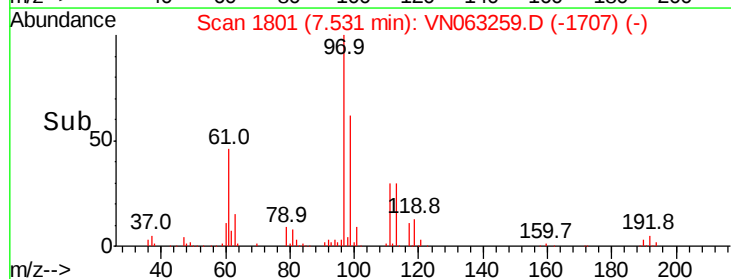
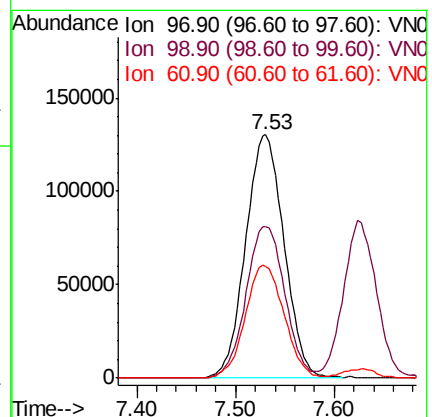
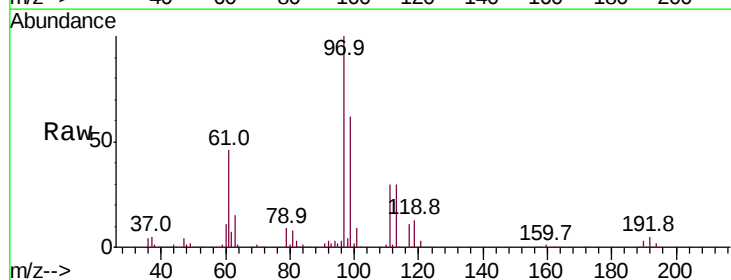
Tgt Ion: 97 Resp: 351580

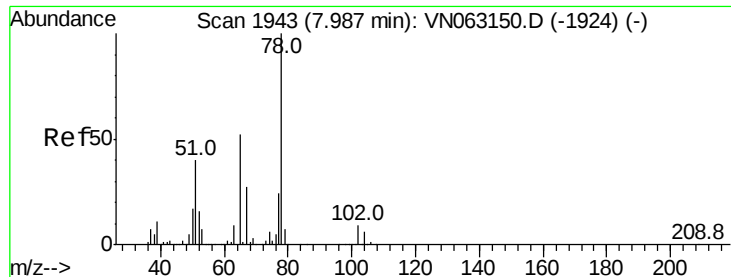
Ion Ratio Lower Upper

97 100

99 62.9 50.8 76.2

61 47.1 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 50.378 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

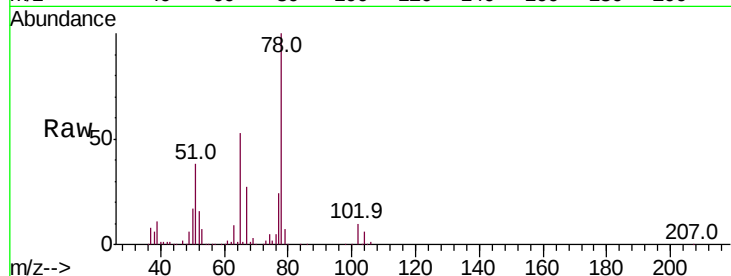
VSTDCCC050EC

Tot Ion: 65 Resp: 258270

Ion Ratio Lower Upper

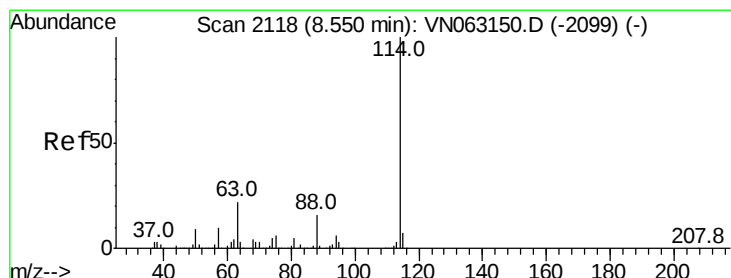
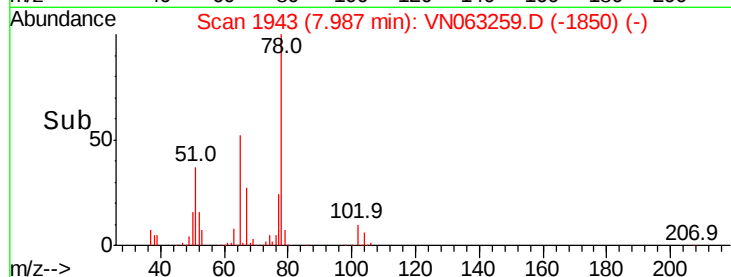
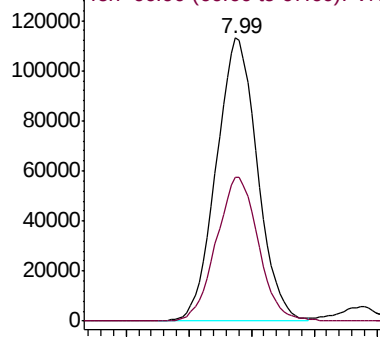
65 100

67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

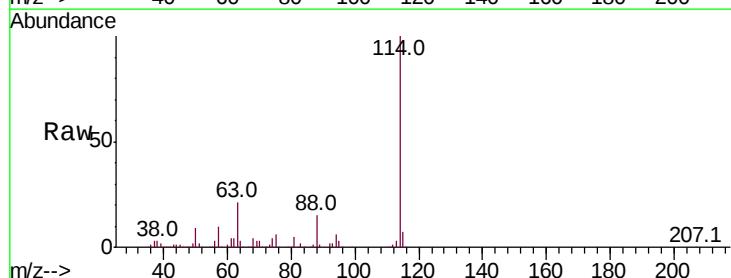
Tgt Ion: 114 Resp: 591787

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.0

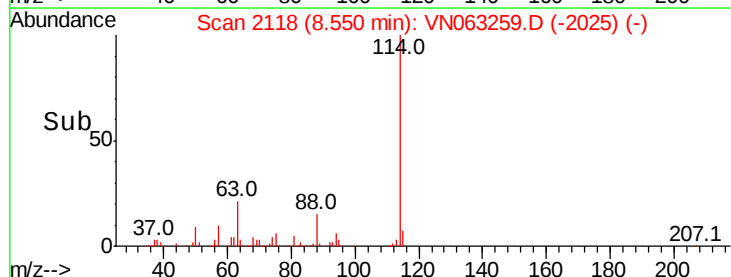
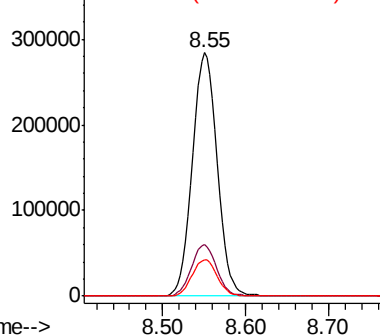
88 14.8 0.0 31.6

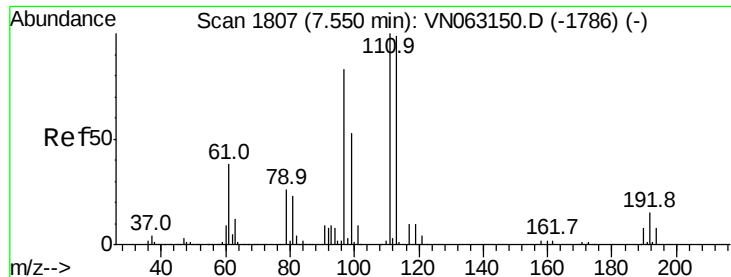


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

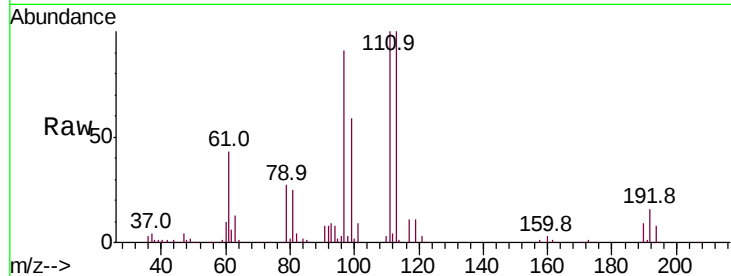




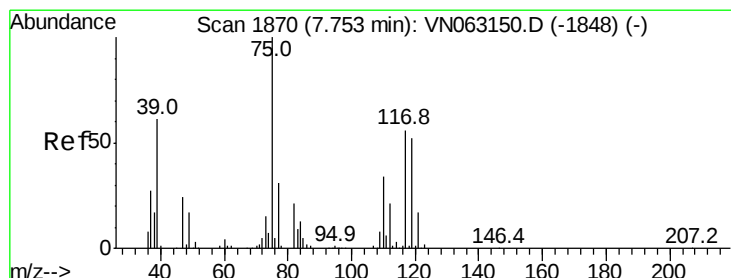
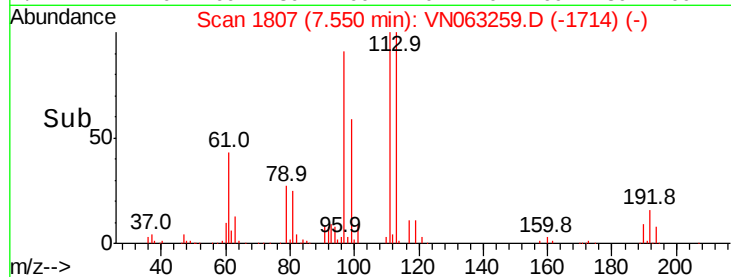
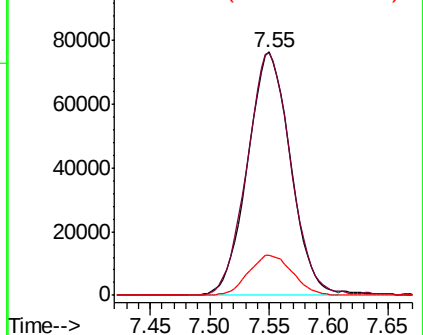
#35
 Dibromofluoromethane
 Concen: 50.249 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 190778
 Ion Ratio Lower Upper
 113 100
 111 101.4 80.7 121.1
 192 17.0 12.6 19.0

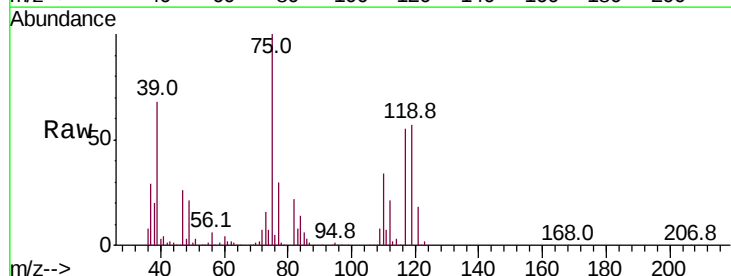


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

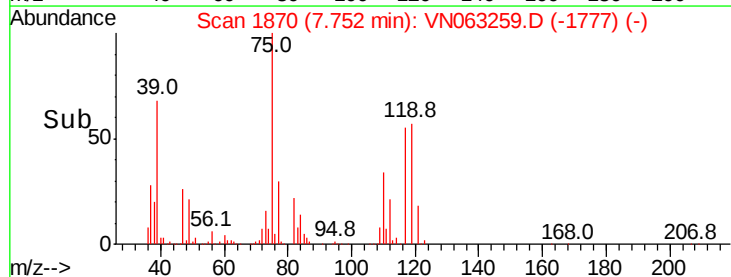
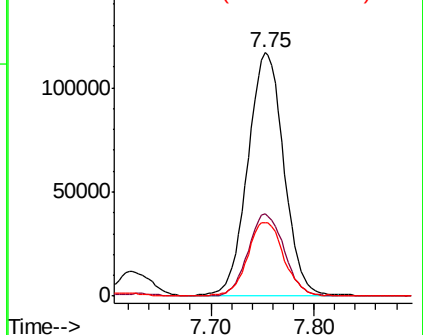


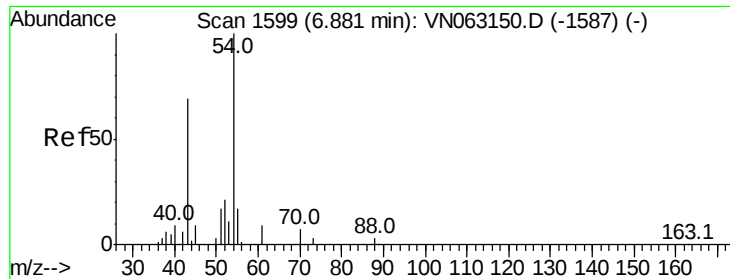
#36
 1,1-Dichloropropene
 Concen: 49.789 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

Tgt Ion: 75 Resp: 283255
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.6 49.8
 77 30.0 25.4 38.2



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

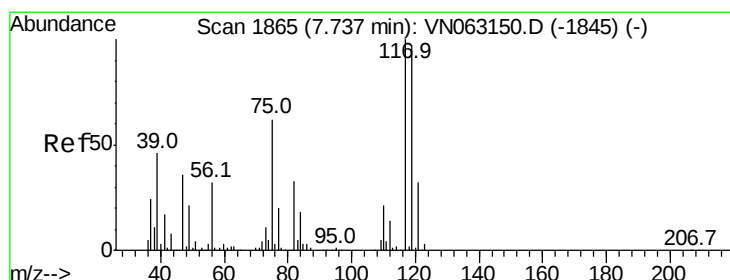
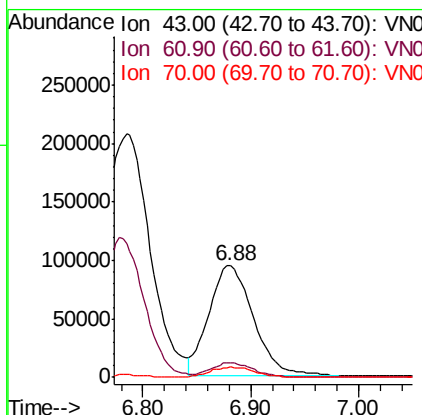
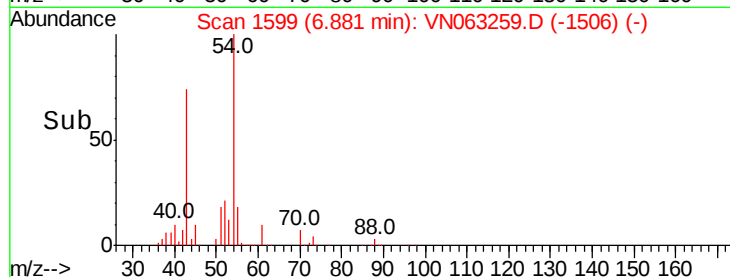
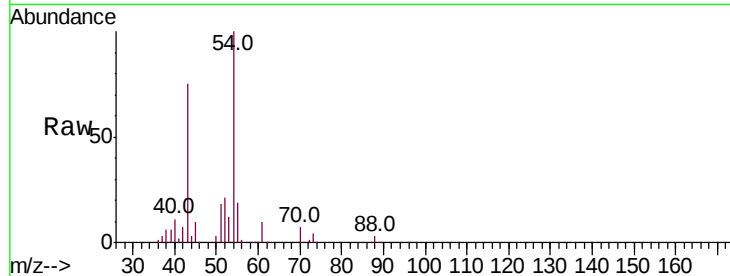




#37
Ethyl Acetate
Concen: 50.433 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

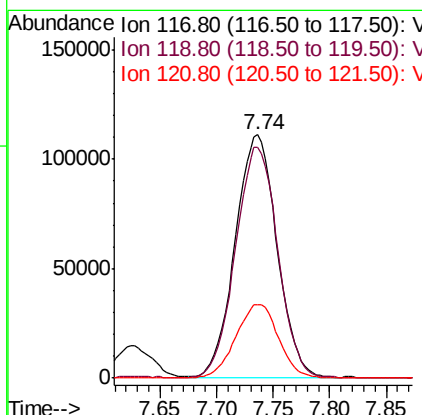
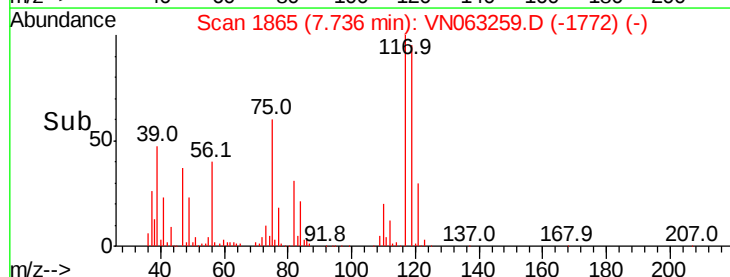
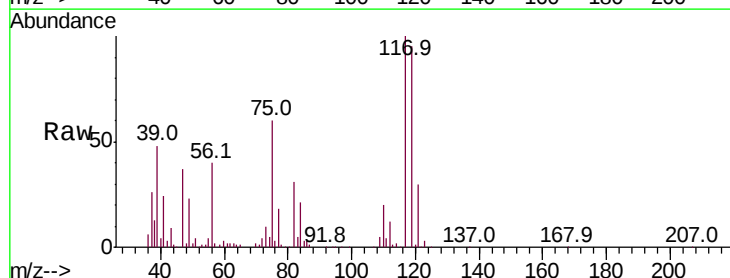
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

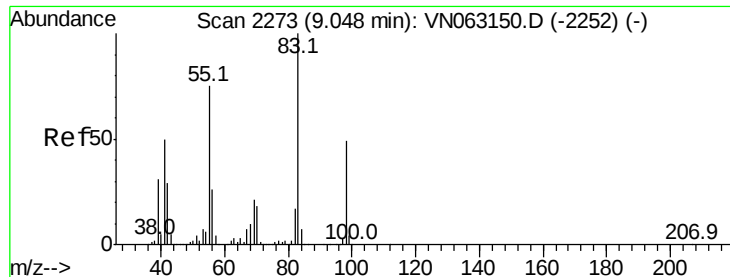
Tot Ion: 43 Resp: 270944
Ion Ratio Lower Upper
43 100
61 12.2 10.2 15.4
70 8.8 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 49.442 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Tgt Ion: 117 Resp: 285256
Ion Ratio Lower Upper
117 100
119 94.9 77.2 115.8
121 30.4 25.6 38.4

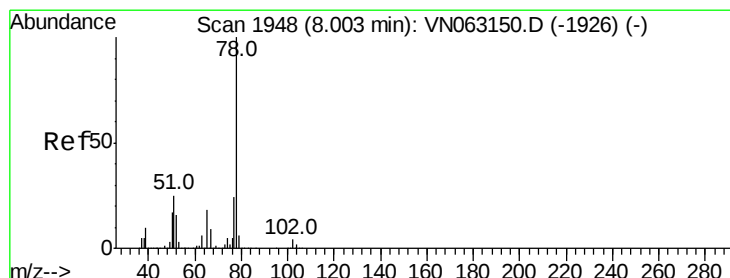
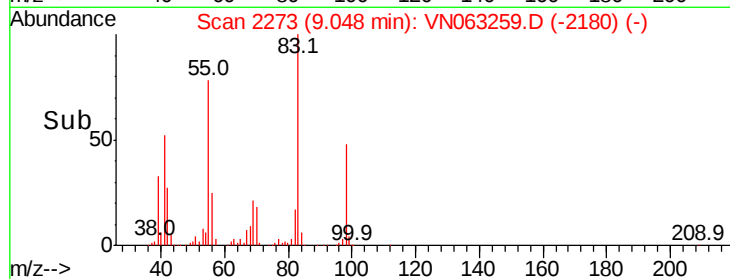
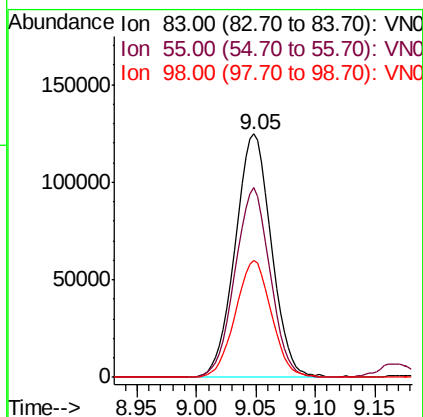
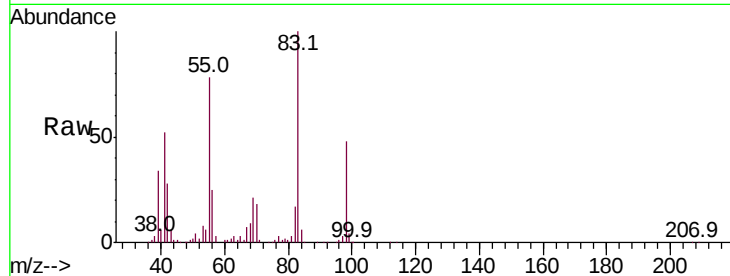




#39
Methvlcvclohexane
Concen: 41.258 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

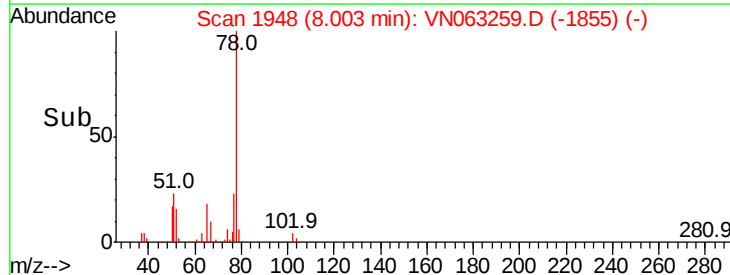
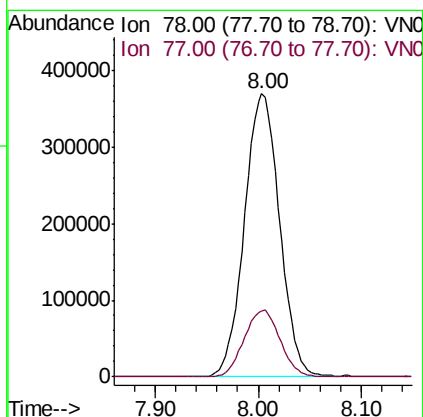
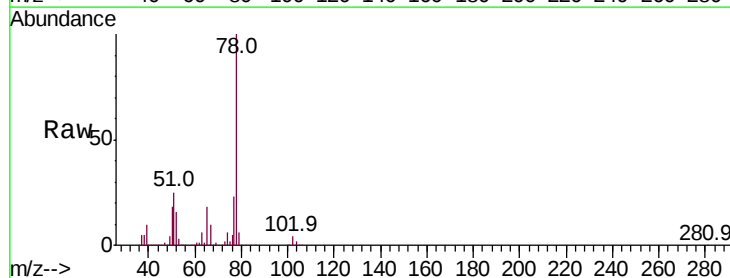
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

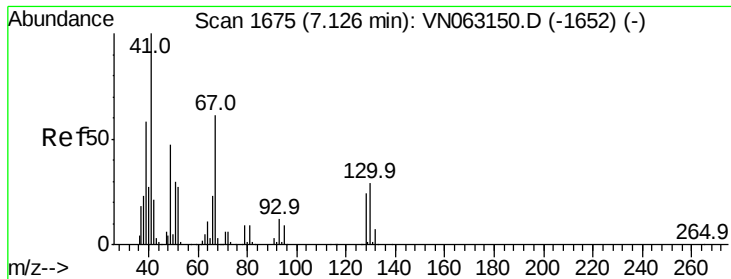
Tot Ion	83	Resp	263693
Ion	Ratio	Lower	Upper
83	100		
55	77.6	60.3	90.5
98	48.1	38.9	58.3



#40
Benzene
Concen: 52.299 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Tgt Ion	78	Resp	874341
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9

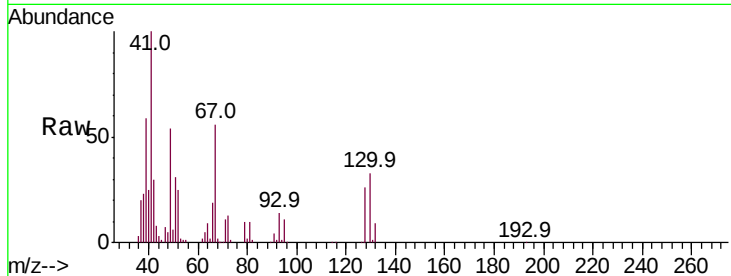




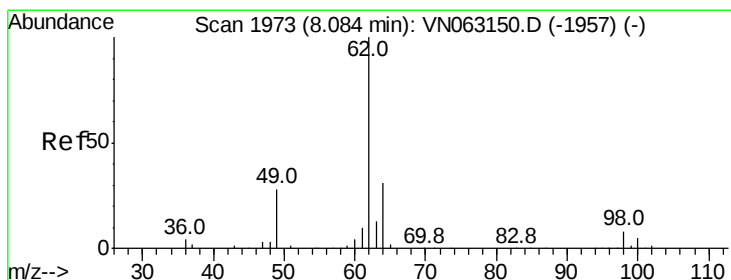
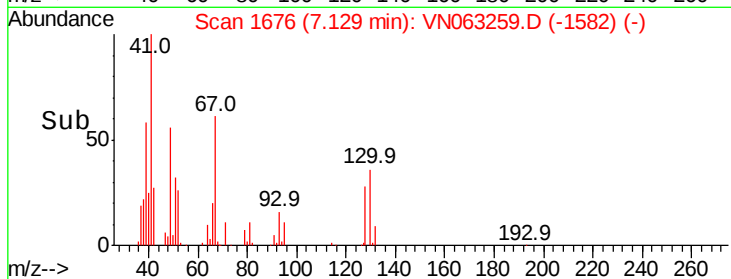
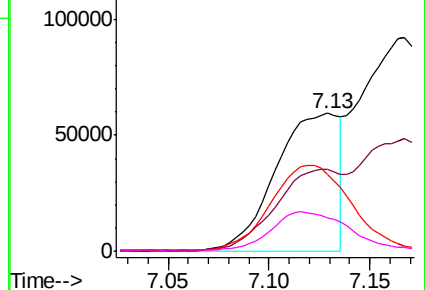
#41
Methacrylonitrile
Concen: 54.139 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	129756
Ion	Ratio	Lower	Upper
41	100		
39	63.5	46.6	70.0
67	80.0	62.6	94.0
52	35.5	28.0	42.0

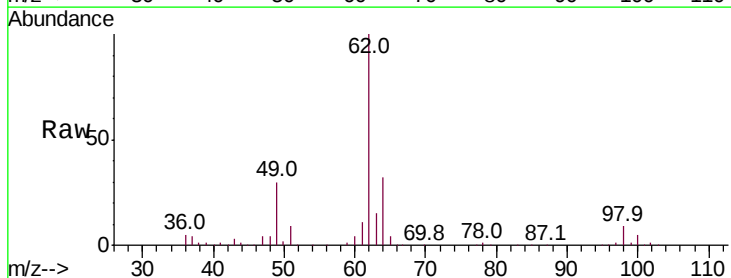


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

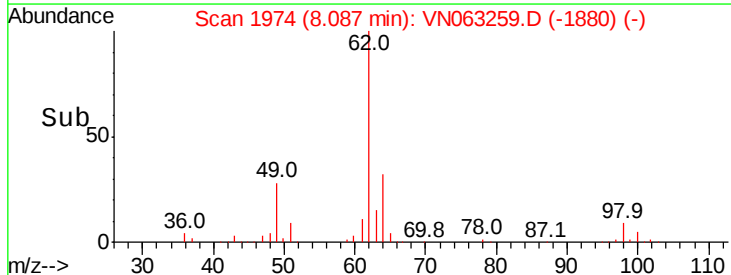
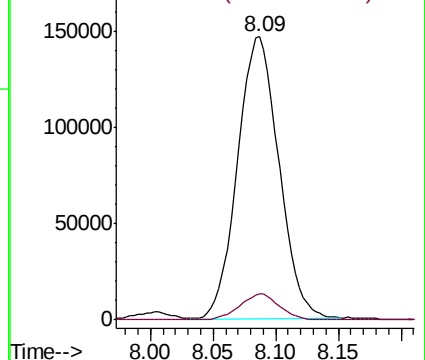


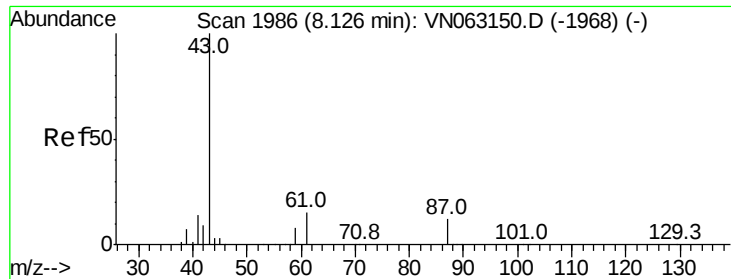
#42
1,2-Dichloroethane
Concen: 53.906 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Tgt Ion:	62	Resp:	336643
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 53.078 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

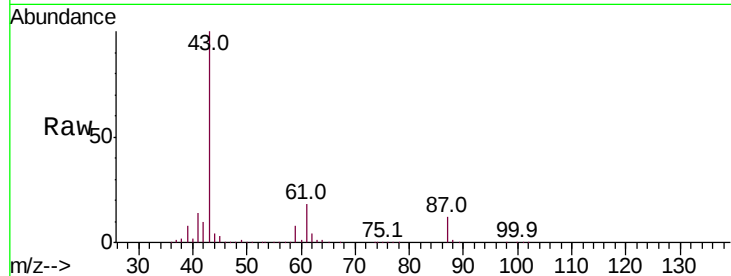
Tot Ion: 43 Resp: 492466

Ion Ratio Lower Upper

43 100

61 24.9 20.2 30.4

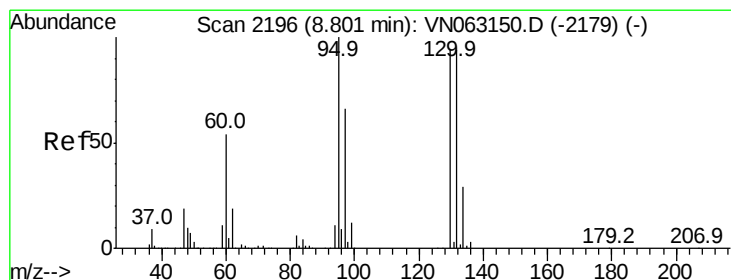
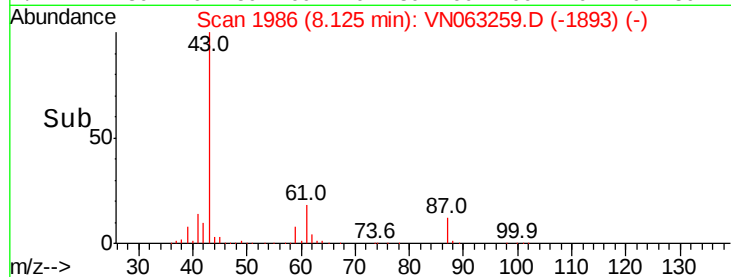
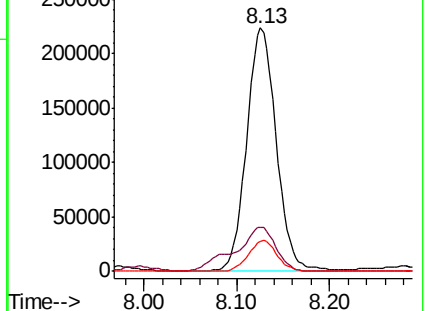
87 12.3 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN063150.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1968) (-)



#44

Trichloroethene

Concen: 54.216 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063259.D

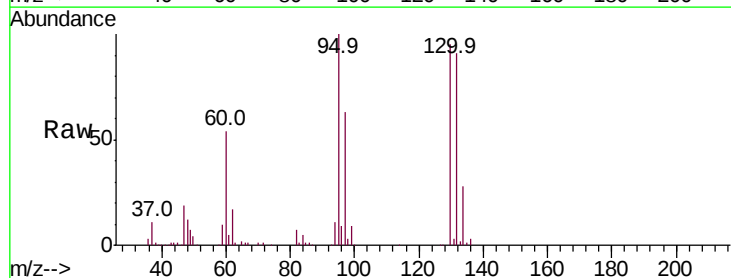
Acq: 4 Sep 2020 19:48

Tgt Ion:130 Resp: 219854

Ion Ratio Lower Upper

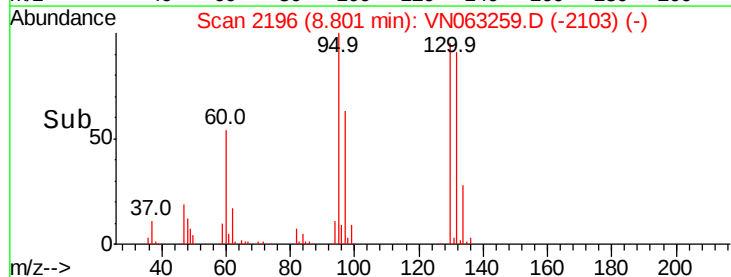
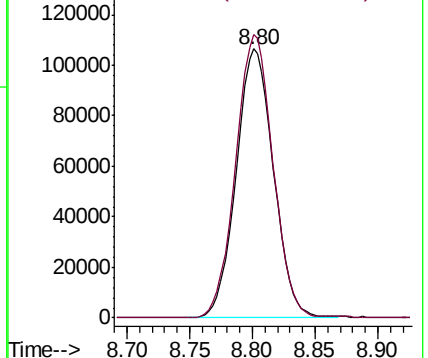
130 100

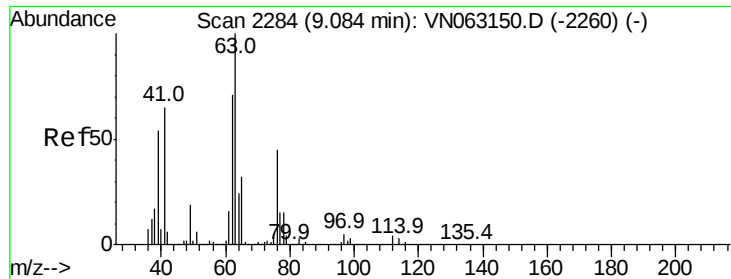
95 105.2 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063150.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063150.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 51.472 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

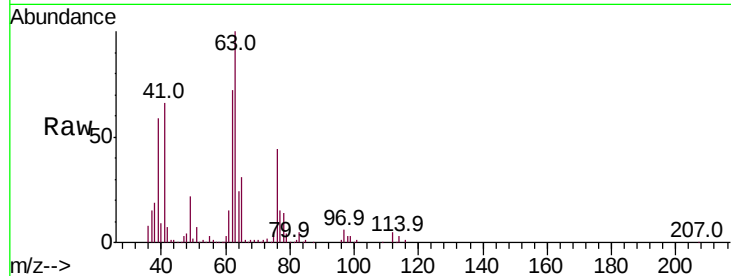
VSTDCCC050EC

Tot Ion: 63 Resp: 227838

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

120000

100000

80000

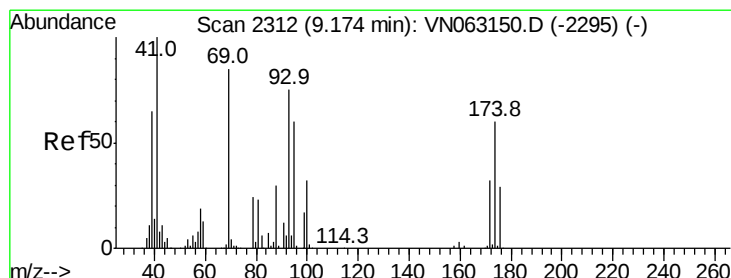
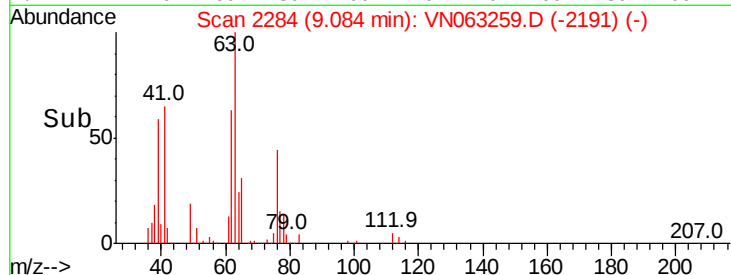
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 55.458 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

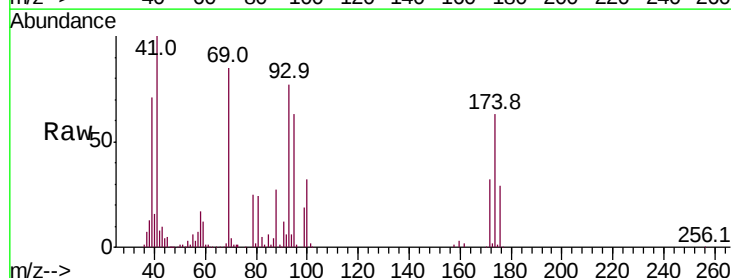
Tgt Ion: 93 Resp: 162680

Ion Ratio Lower Upper

93 100

95 83.2 65.2 97.8

174 83.1 64.6 97.0



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

100000

80000

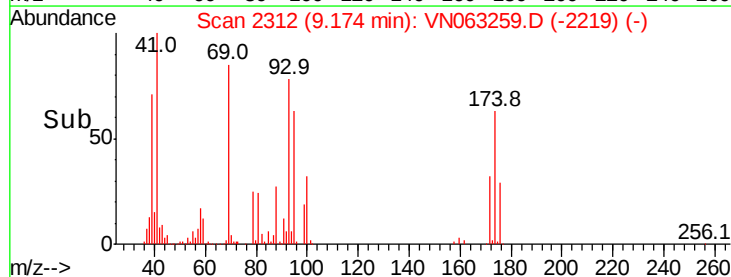
60000

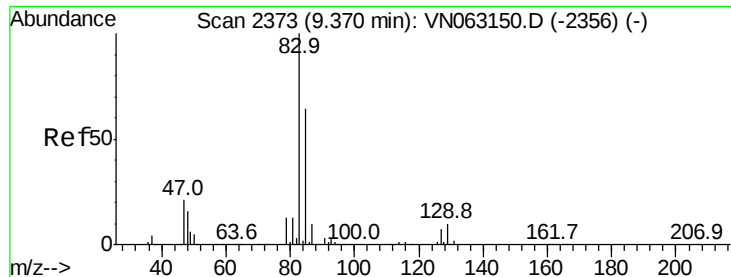
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 53.401 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

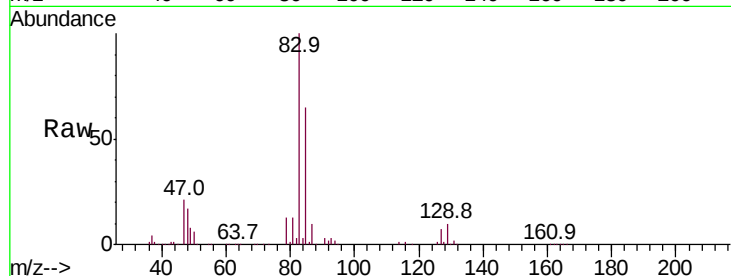
Tot Ion: 83 Resp: 335766

Ion Ratio Lower Upper

83 100

85 64.7 51.0 76.6

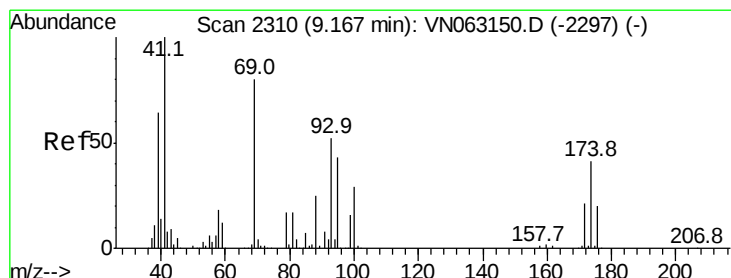
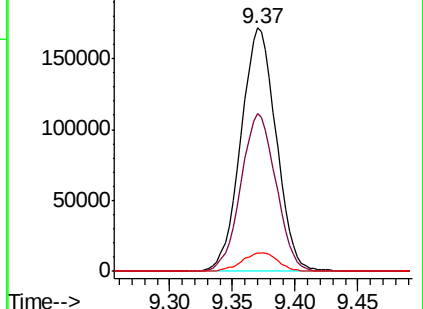
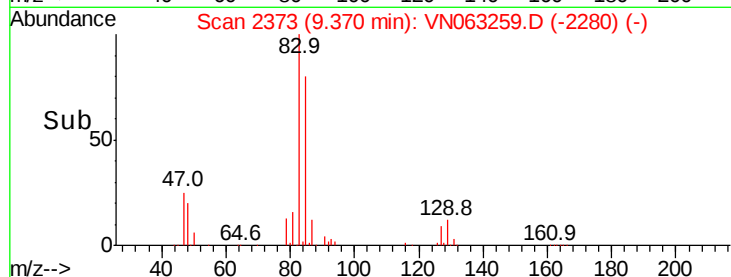
127 7.4 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063259.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063259.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063259.D (-2280) (-)



#48

Methyl methacrylate

Concen: 55.619 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

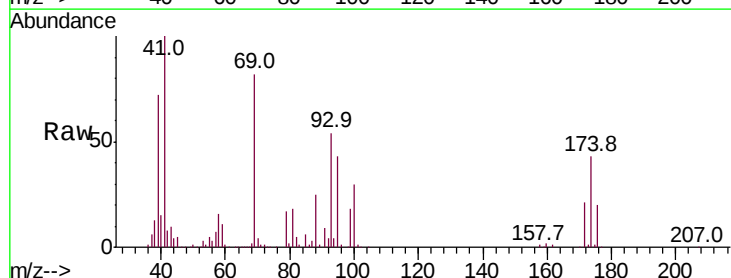
Tgt Ion: 41 Resp: 232631

Ion Ratio Lower Upper

41 100

69 82.4 65.9 98.9

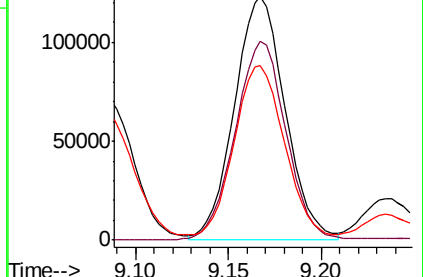
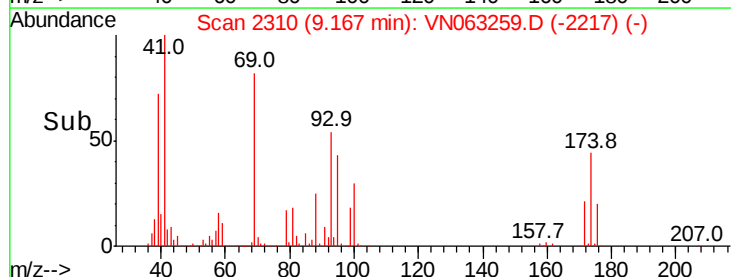
39 72.0 52.0 78.0

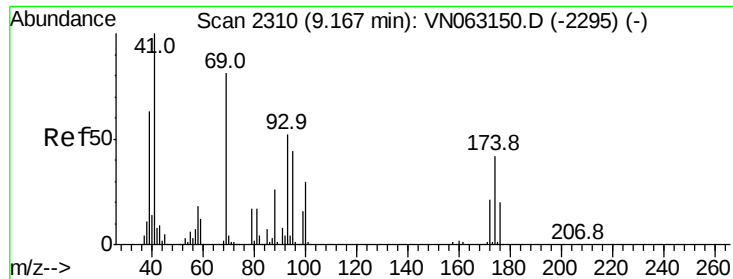


Abundance Ion 41.00 (40.70 to 41.70): VN063259.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063259.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063259.D (-2217) (-)

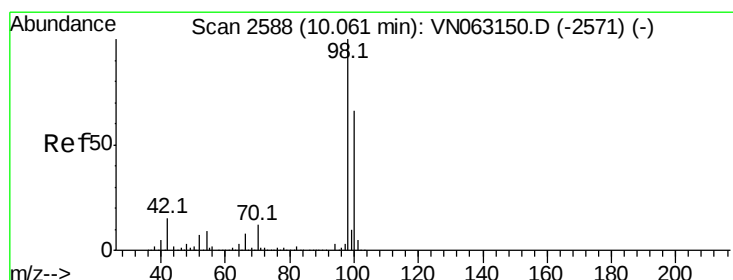
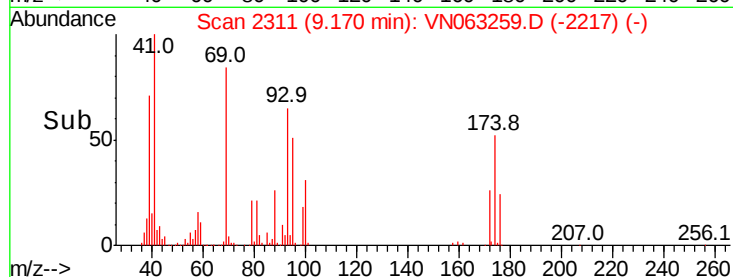
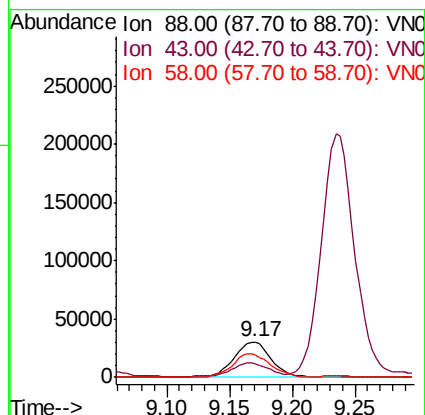
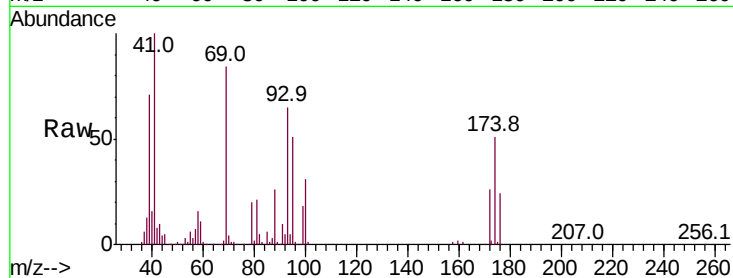




#49
1,4-Dioxane
Concen: 970.544 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

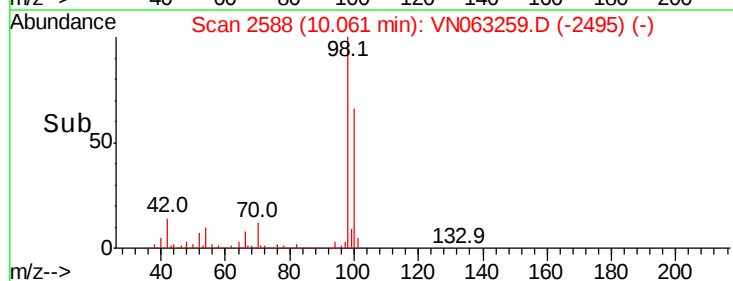
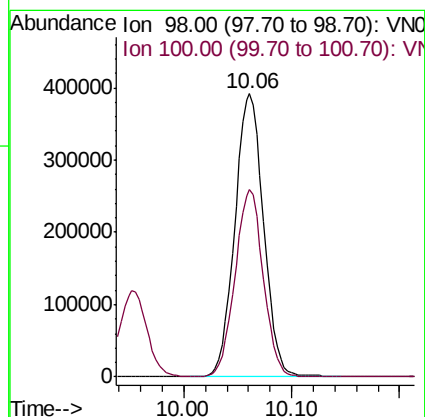
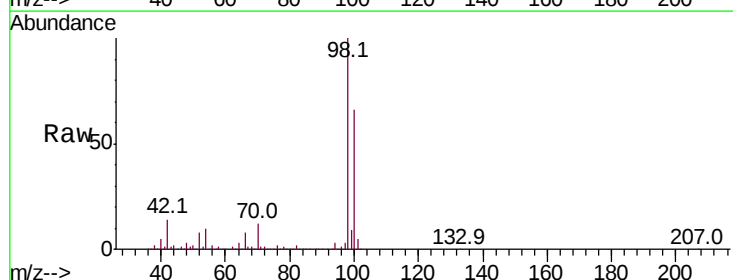
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

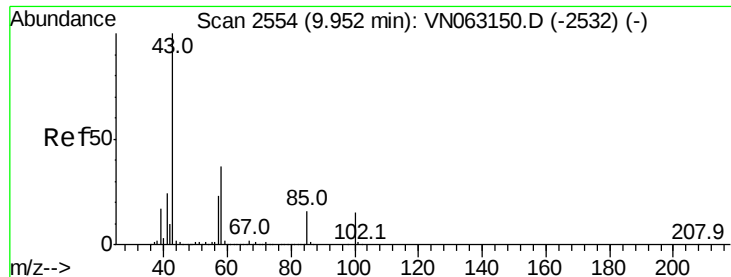
Tot Ion: 88 Resp: 62787
Ion Ratio Lower Upper
88 100
43 38.0 28.6 42.8
58 66.8 53.2 79.8



#50
Toluene-d8
Concen: 49.722 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Tgt Ion: 98 Resp: 726598
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 289.358 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

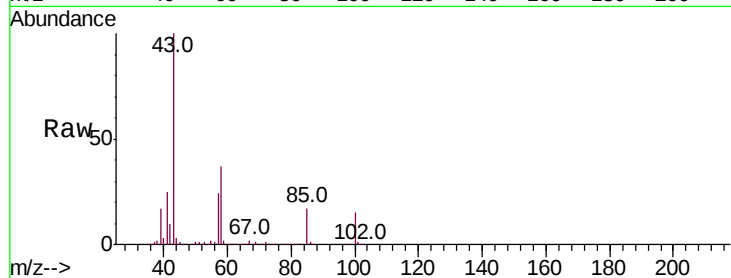
VSTDCCC050EC

Tot Ion: 43 Resp: 1458889

Ion Ratio Lower Upper

43 100

58 36.9 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2532) (-)

800000

600000

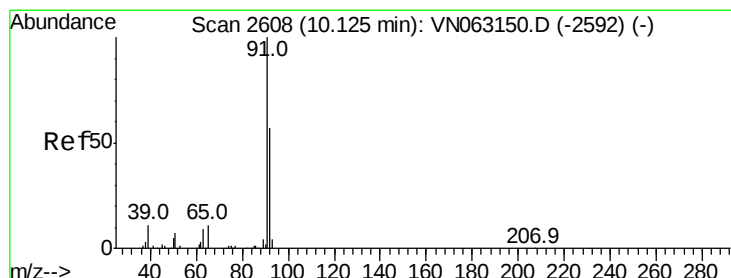
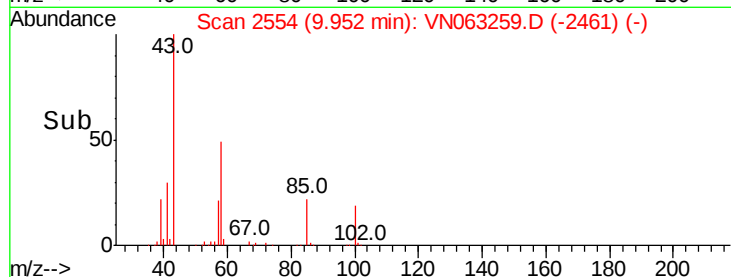
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 54.154 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063259.D

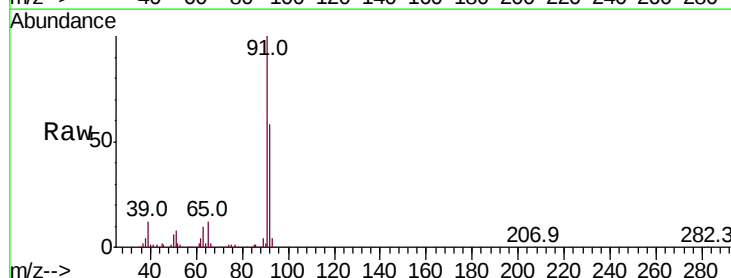
Acq: 4 Sep 2020 19:48

Tgt Ion: 92 Resp: 563984

Ion Ratio Lower Upper

92 100

91 173.0 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063150.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063150.D (-2592) (-)

600000

500000

400000

300000

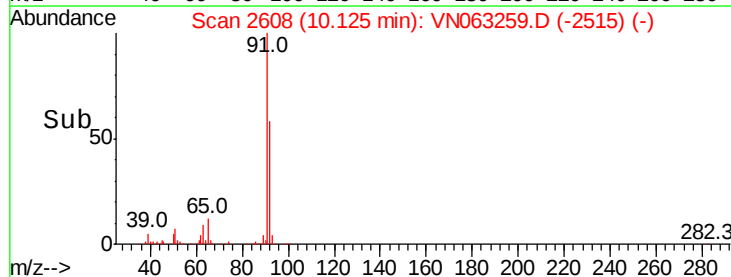
200000

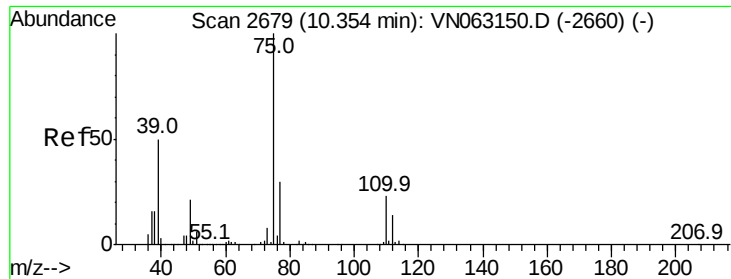
100000

0

10.10 10.13 10.20

Time-->

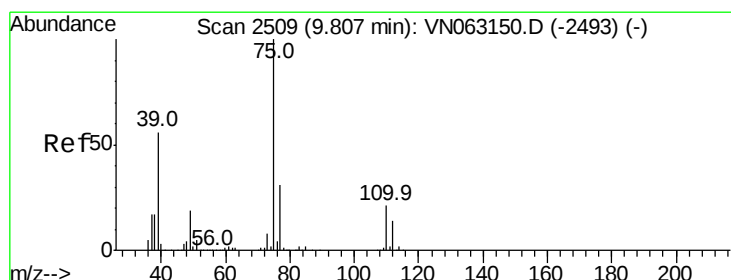
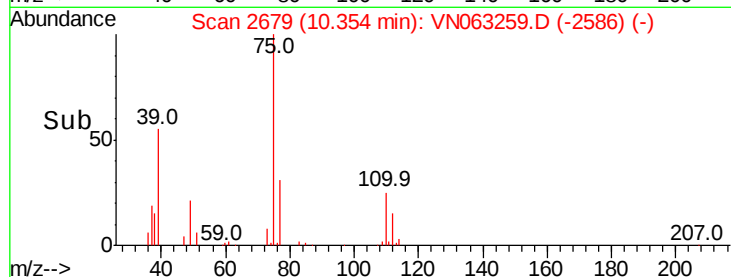
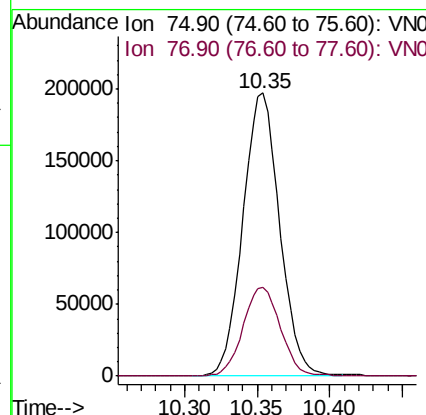
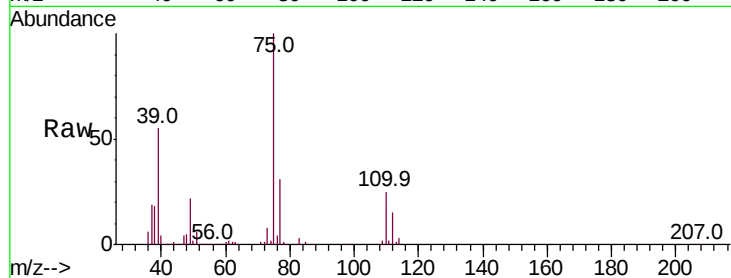




#53
 t-1,3-Dichloropropene
 Concen: 50.588 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

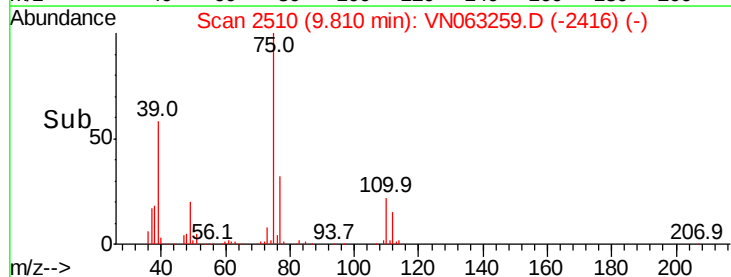
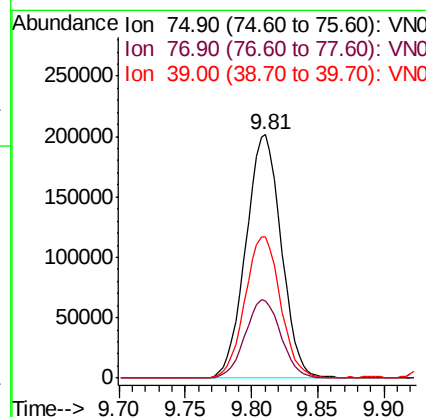
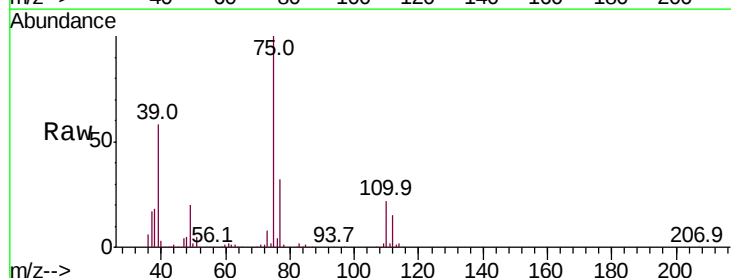
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

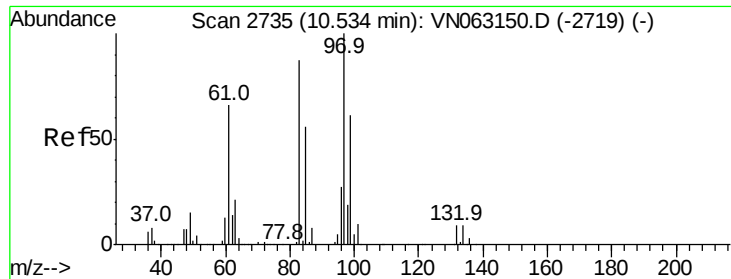
Tot Ion: 75 Resp: 347928
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.896 ug/l
 RT: 9.81 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

Tgt Ion: 75 Resp: 374660
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.8 37.2
 39 57.5 45.0 67.6



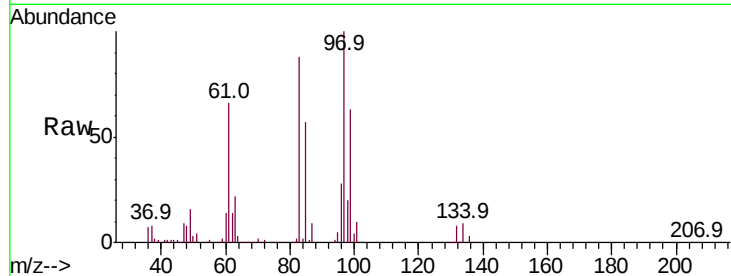


#55
 1,1,2-Trichloroethane
 Concen: 54.907 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

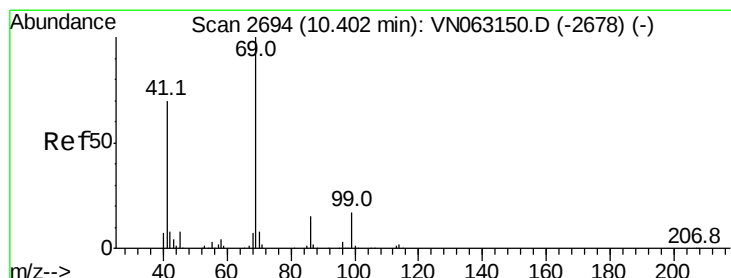
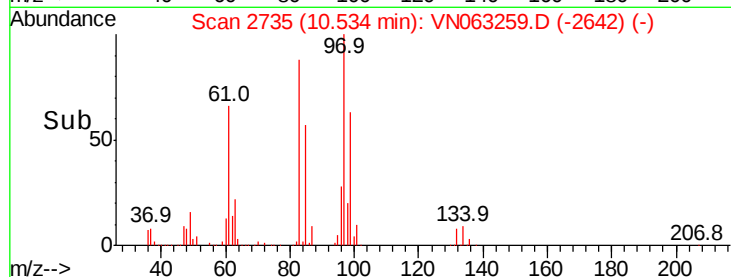
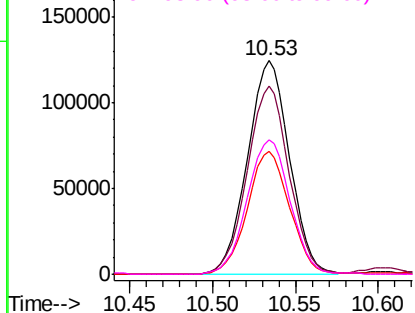
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 218990

Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.8	104.8
85	57.2	44.9	67.3
99	62.9	48.8	73.2



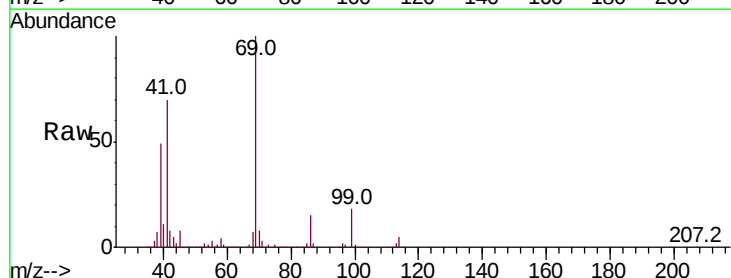
Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0



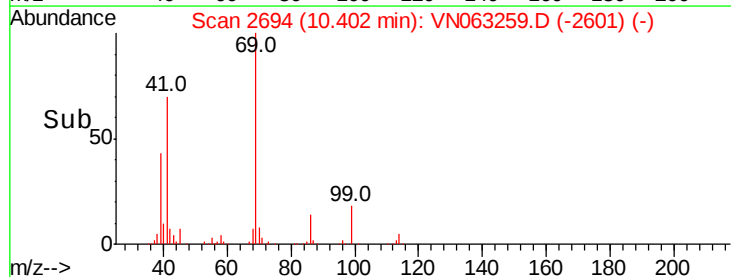
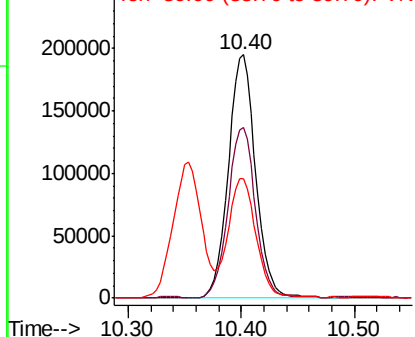
#56
 Ethyl methacrylate
 Concen: 53.781 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

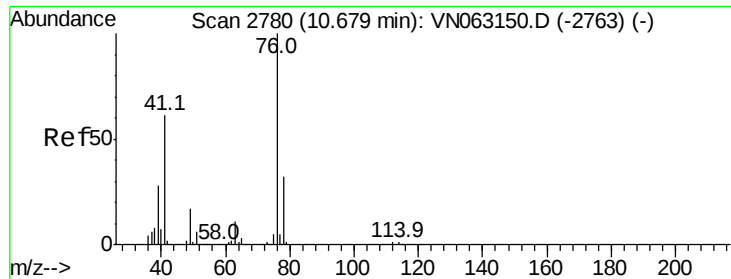
Tgt Ion: 69 Resp: 326436

Ion	Ratio	Lower	Upper
69	100		
41	70.0	55.5	83.3
39	50.1	38.2	57.2



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: 54.295 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

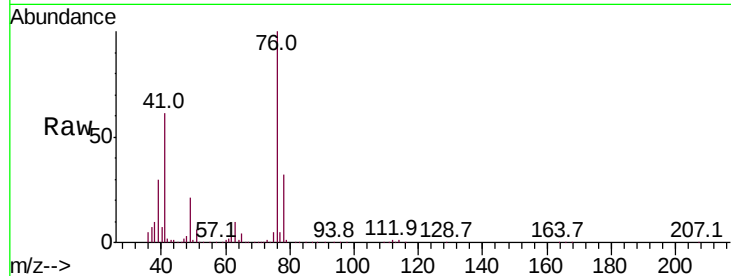
VSTDCCC050EC

Tot Ion: 76 Resp: 385784

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN063259.D (-2687) (-)

Ion 77.90 (77.60 to 78.60): VN063259.D (-2687) (-)

10.68

250000

200000

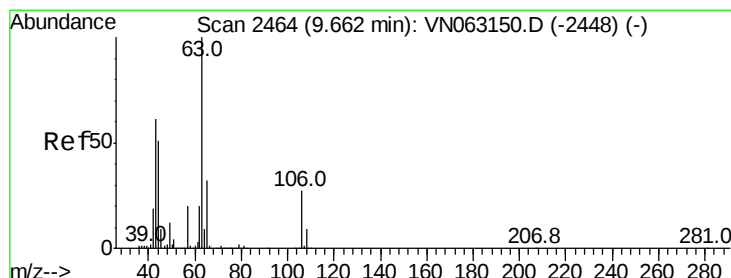
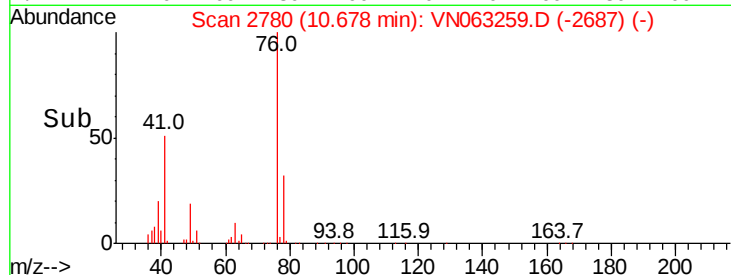
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 253.540 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063259.D

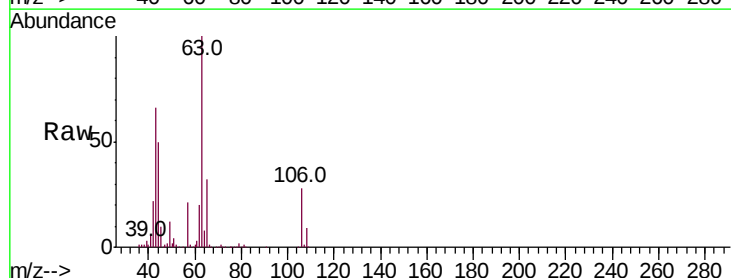
Acq: 4 Sep 2020 19:48

Tgt Ion: 63 Resp: 796914

Ion Ratio Lower Upper

63 100

106 27.2 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VN063259.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN063259.D (-2371) (-)

9.66

500000

400000

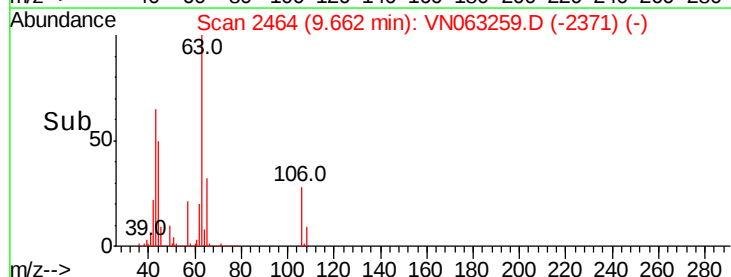
300000

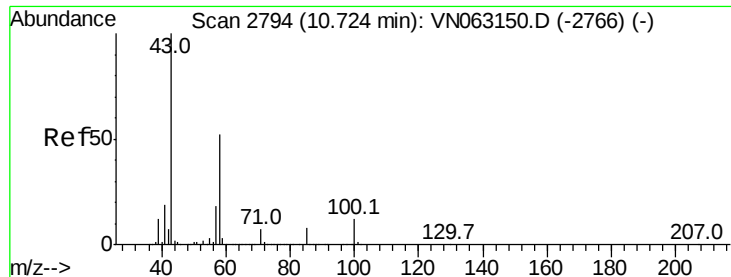
200000

100000

0

Time-->

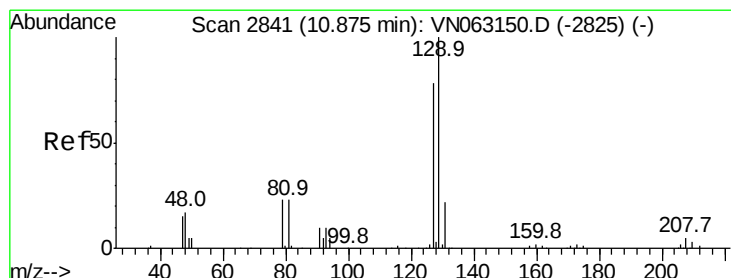
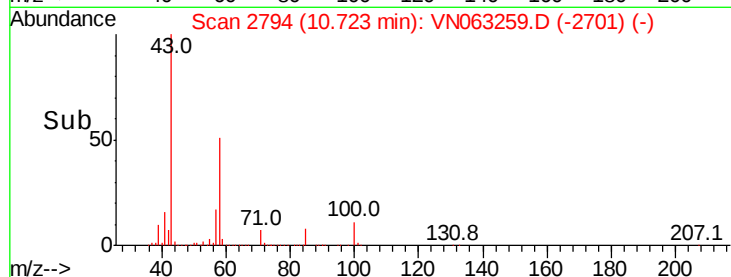
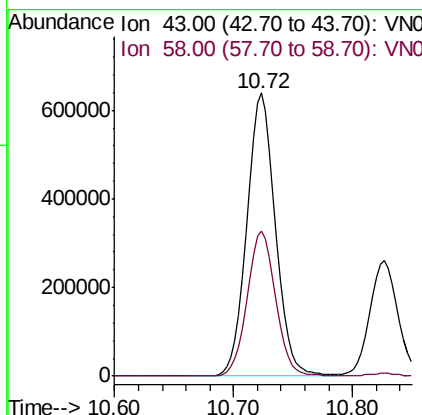
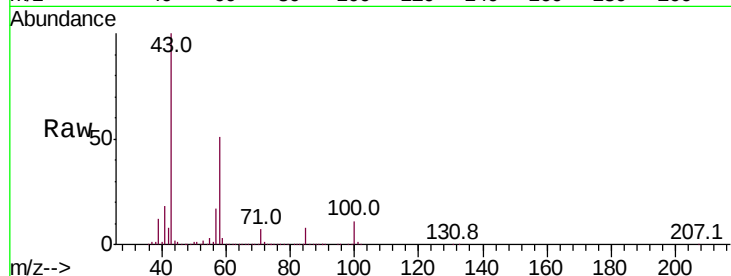




#59
2-Hexanone
Concen: 298.878 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

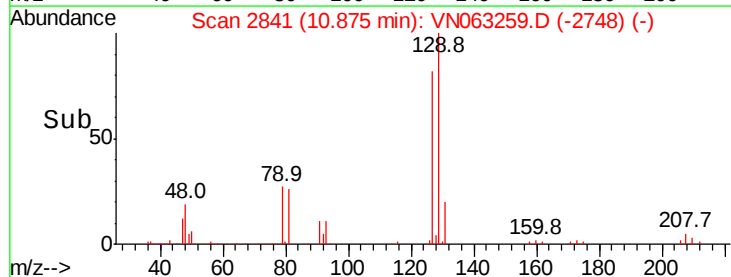
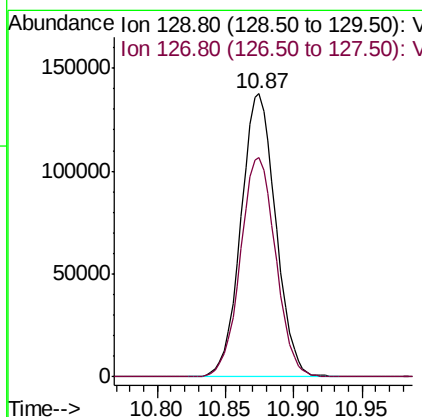
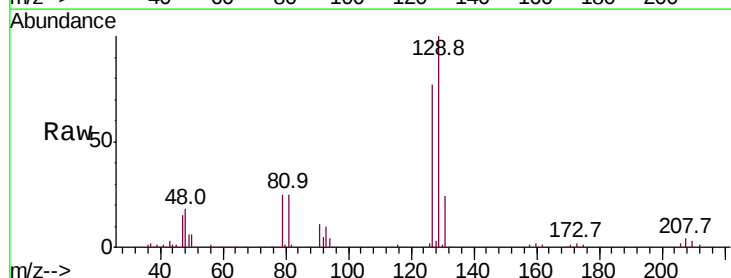
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

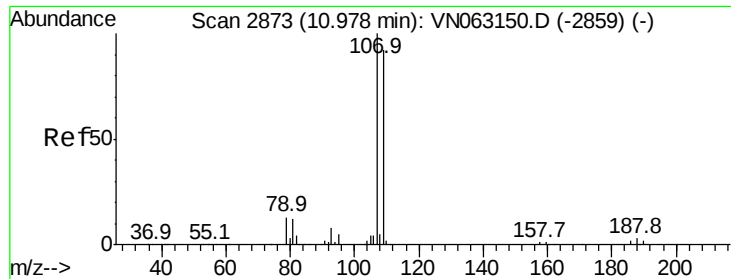
Tot Ion: 43 Resp: 1059017
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.8



#60
Dibromochloromethane
Concen: 55.285 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Tgt Ion: 129 Resp: 243778
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0

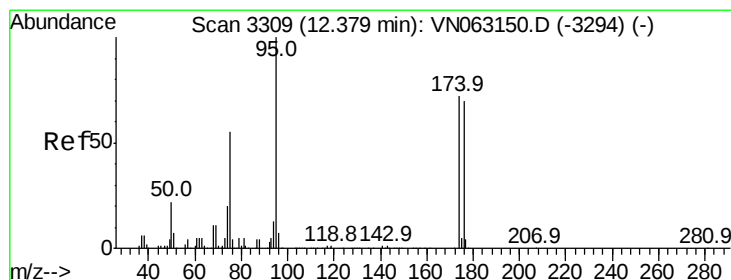
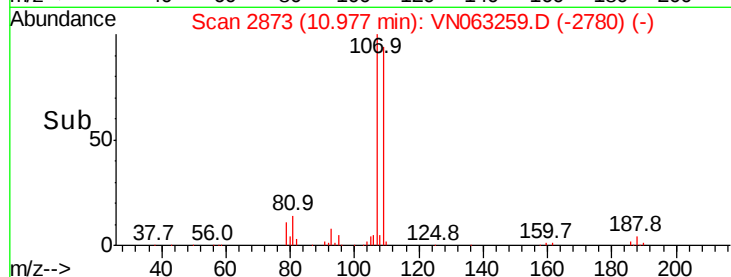
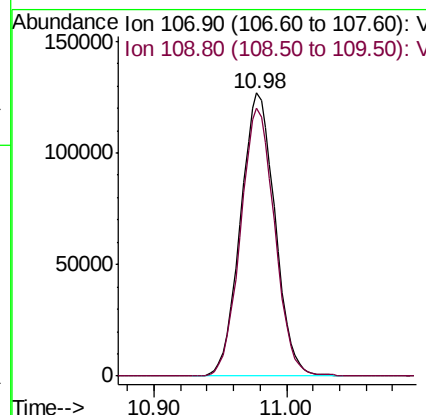
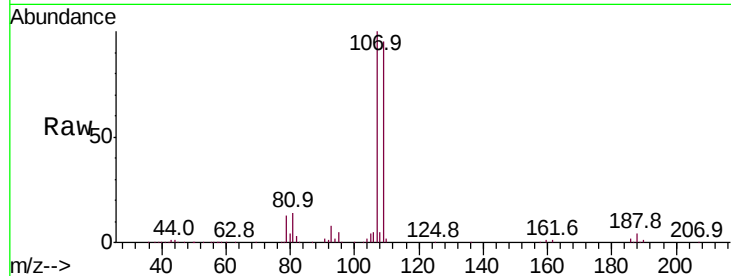




#61
 1,2-Dibromoethane
 Concen: 55.323 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

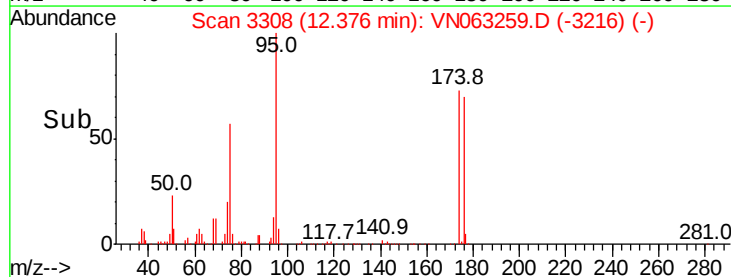
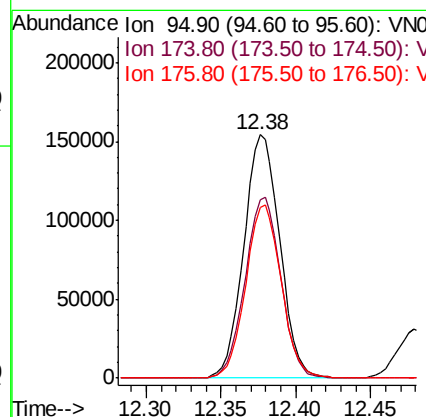
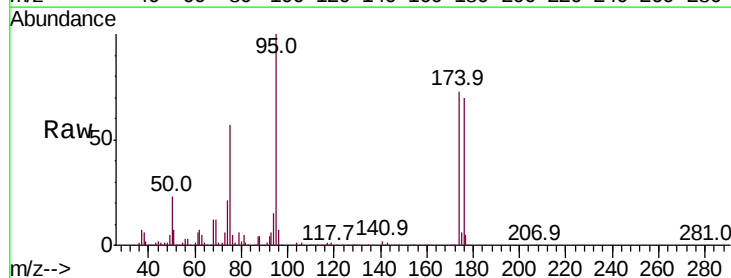
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

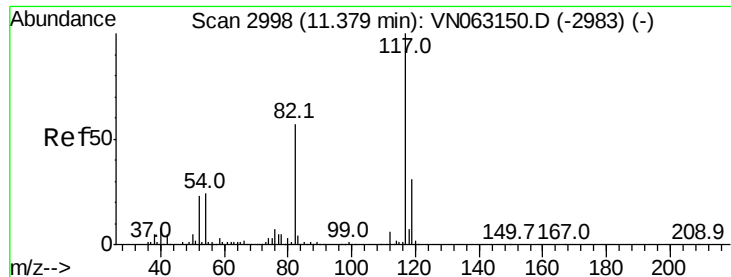
Tot Ion:107 Resp: 229374
 Ion Ratio Lower Upper
 107 100
 109 93.6 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 50.520 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

Tgt Ion: 95 Resp: 258246
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 143.8
 176 70.4 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

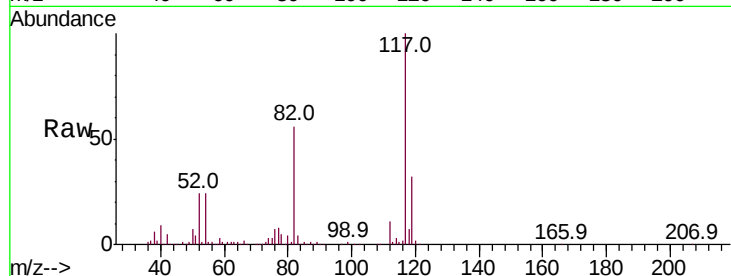
Tot Ion:117 Resp: 565985

Ion Ratio Lower Upper

117 100

82 56.4 45.4 68.0

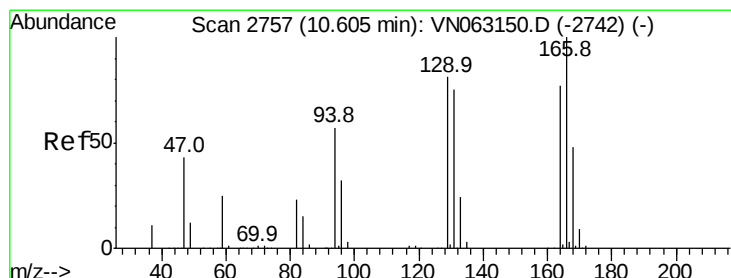
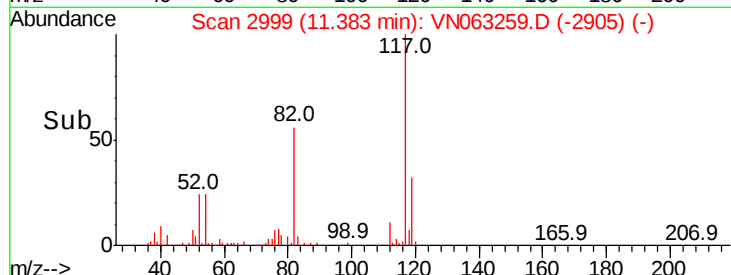
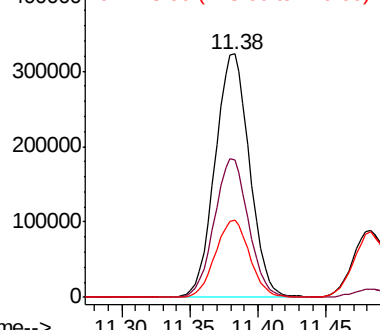
119 31.6 24.6 37.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 52.060 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Tgt Ion:164 Resp: 211588

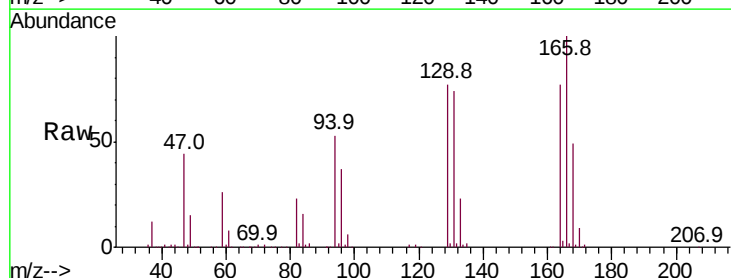
Ion Ratio Lower Upper

164 100

166 129.5 103.4 155.2

129 99.9 83.4 125.0

131 95.5 77.8 116.8

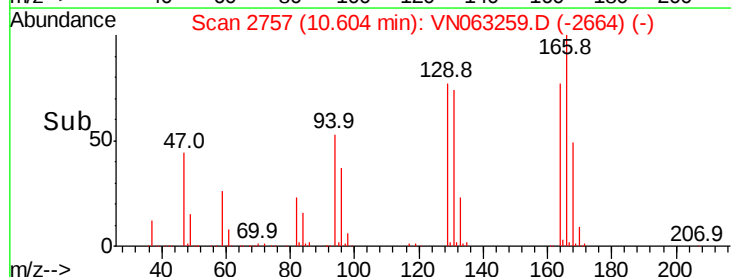
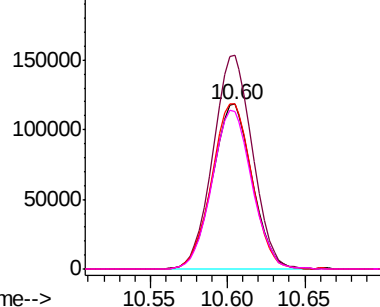


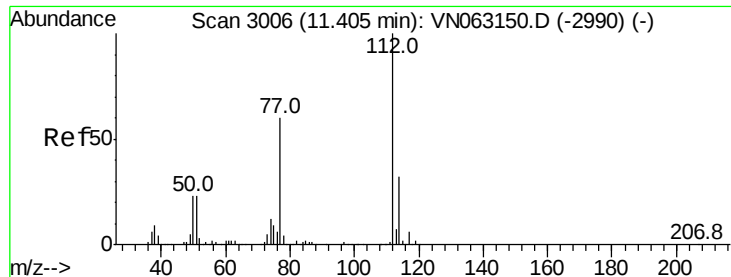
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

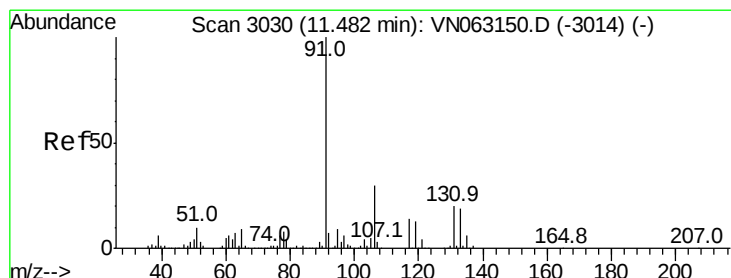
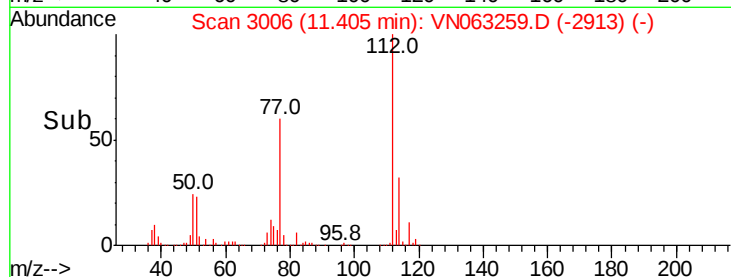
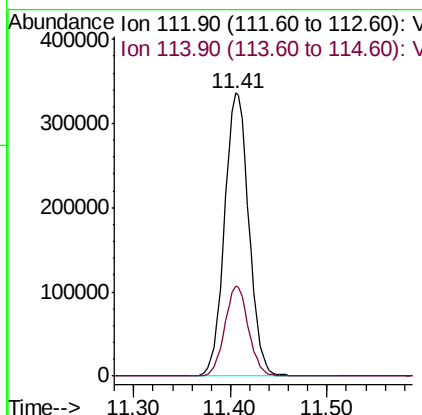
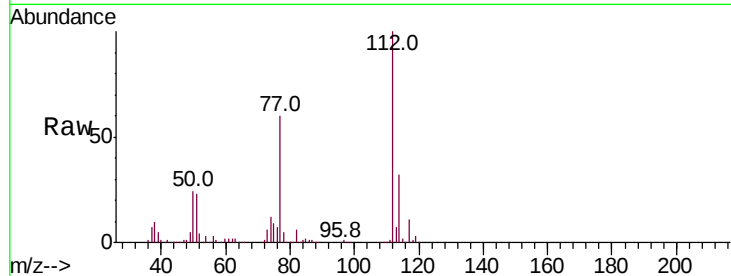




#65
Chlorobenzene
Concen: 51.384 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

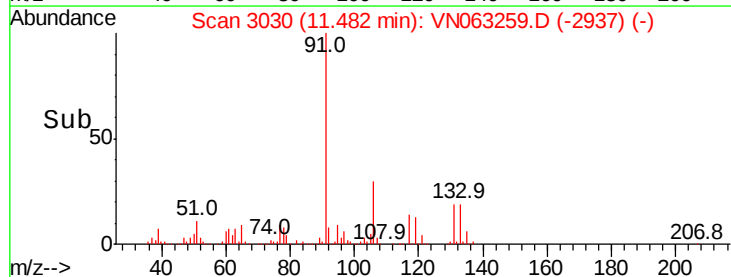
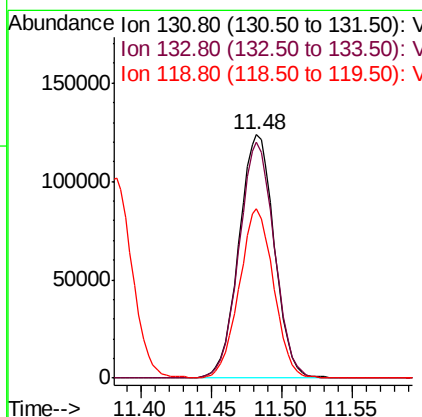
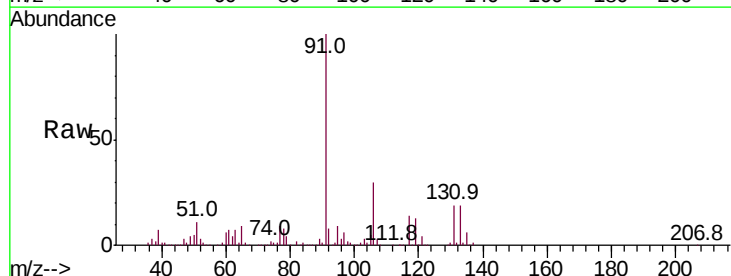
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

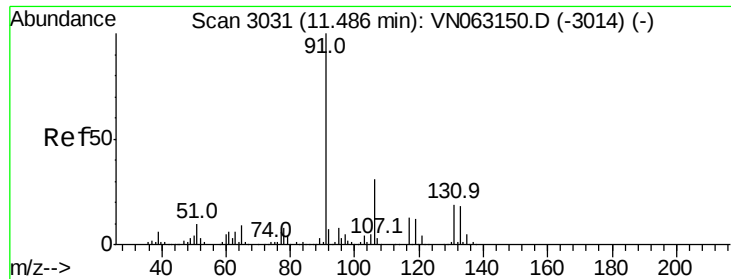
Tot Ion:112 Resp: 585759
Ion Ratio Lower Upper
112 100
114 31.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.548 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Tgt Ion:131 Resp: 218173
Ion Ratio Lower Upper
131 100
133 96.6 47.3 142.0
119 67.7 32.4 97.0

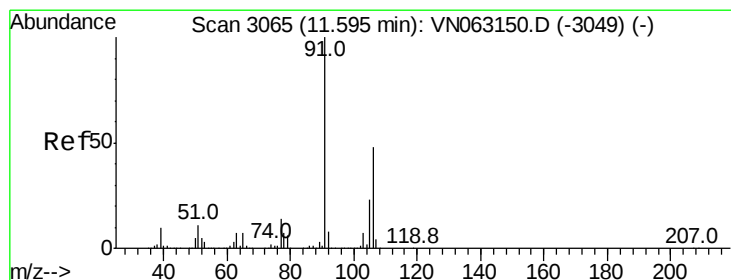
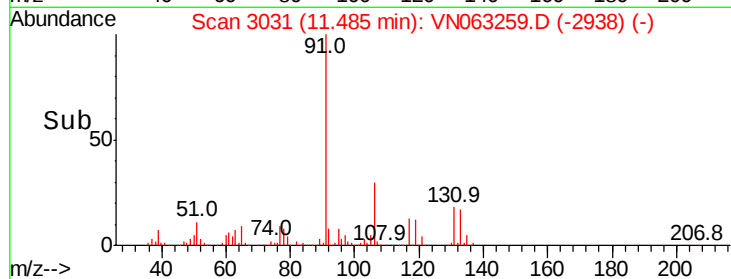
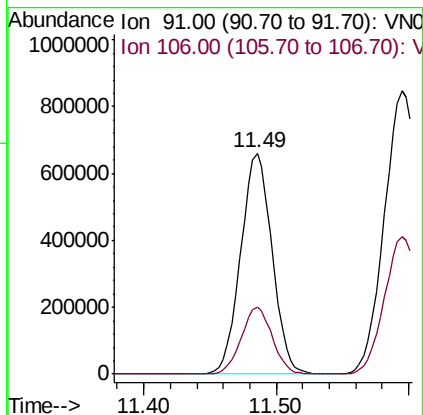
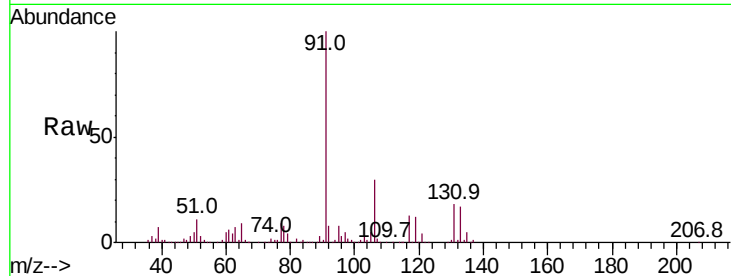




#67
Ethyl Benzene
Concen: 52.280 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

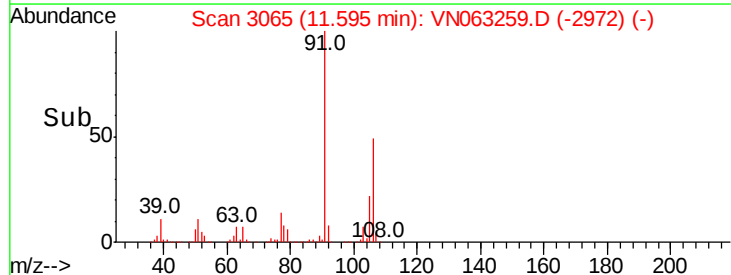
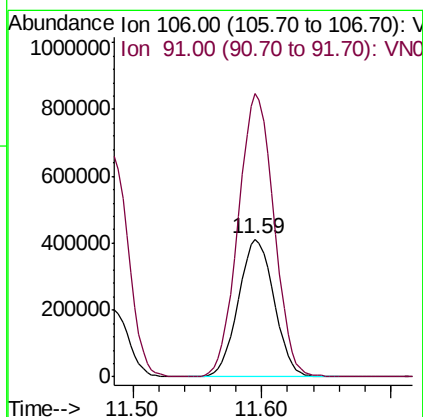
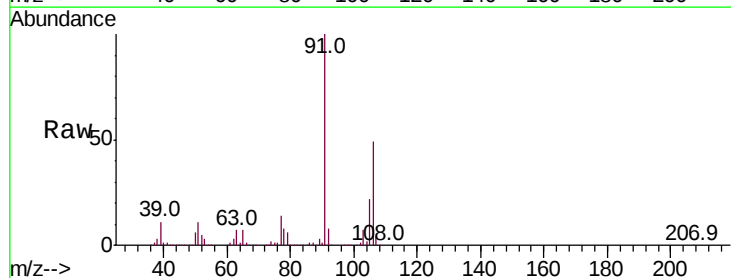
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

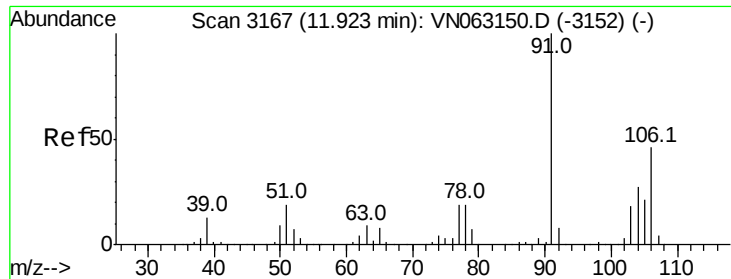
Tot Ion: 91 Resp: 1087226
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 102.907 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Tgt Ion: 106 Resp: 792619
Ion Ratio Lower Upper
106 100
91 206.2 166.7 250.1

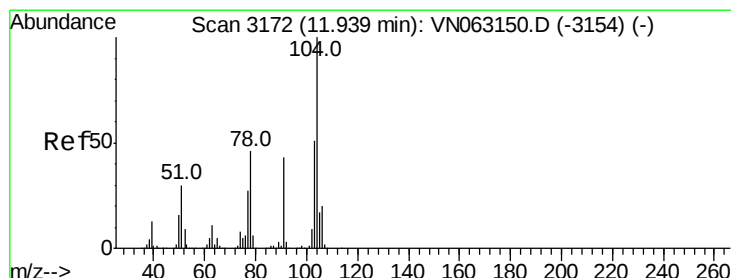
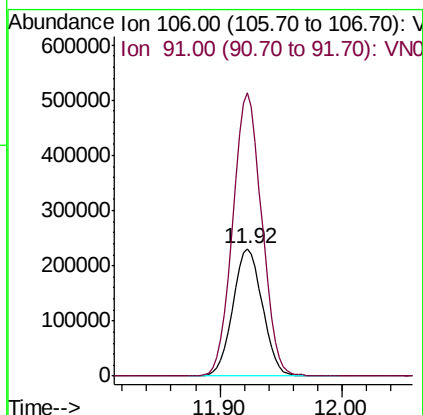
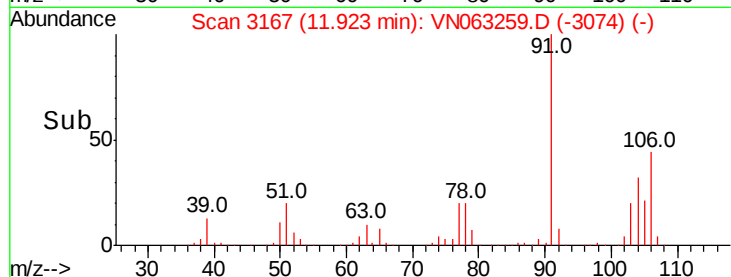
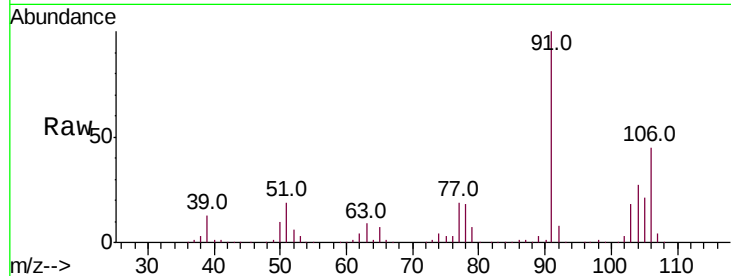




#69
o-Xylene
Concen: 52.184 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

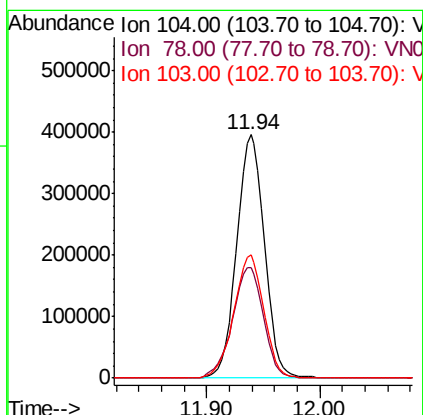
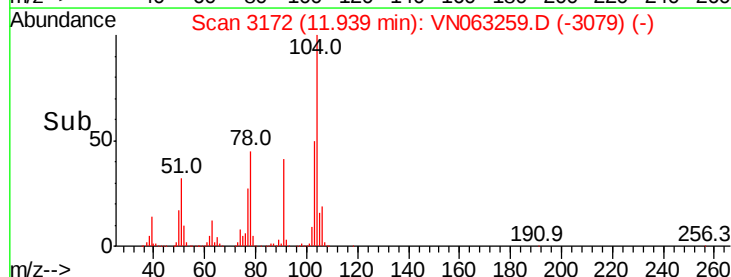
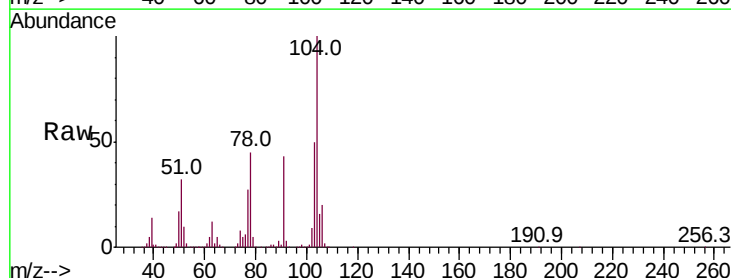
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

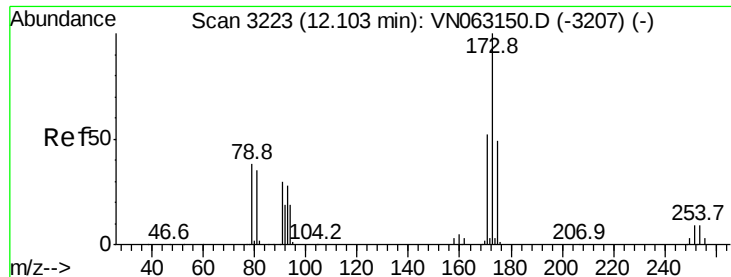
Tot Ion:106 Resp: 388287
Ion Ratio Lower Upper
106 100
91 218.3 108.6 325.6



#70
Styrene
Concen: 52.895 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Tgt Ion:104 Resp: 676398
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 54.6 43.8 65.8





#71

Bromoform

Concen: 53.595 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

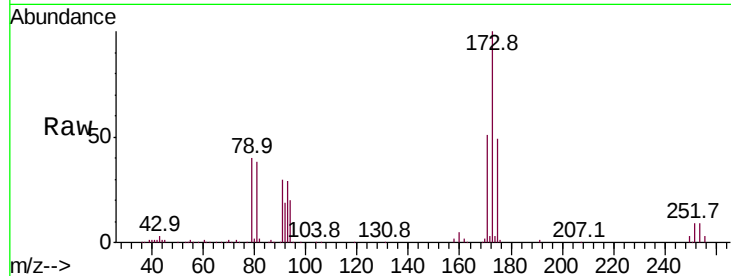
Tot Ion:173 Resp: 153942

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

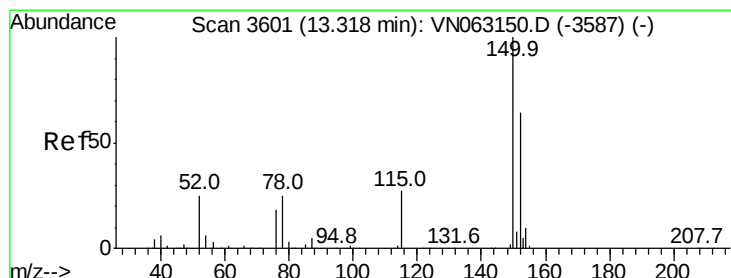
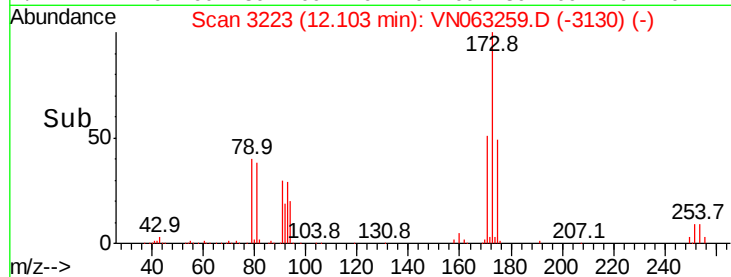
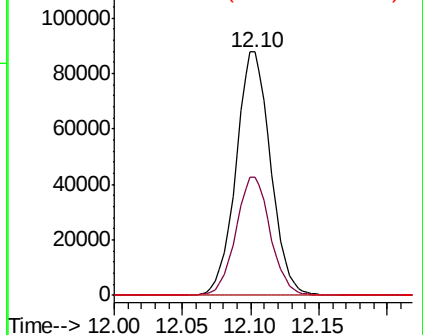
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

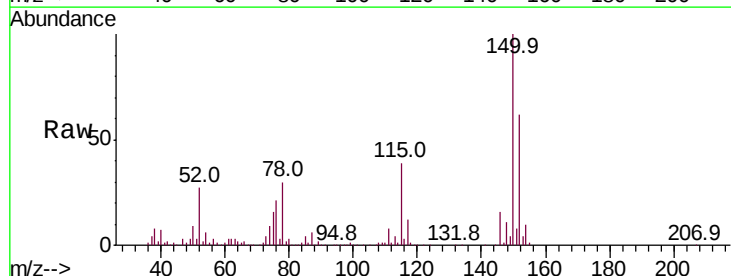
Tgt Ion:152 Resp: 262122

Ion Ratio Lower Upper

152 100

115 62.7 32.0 96.2

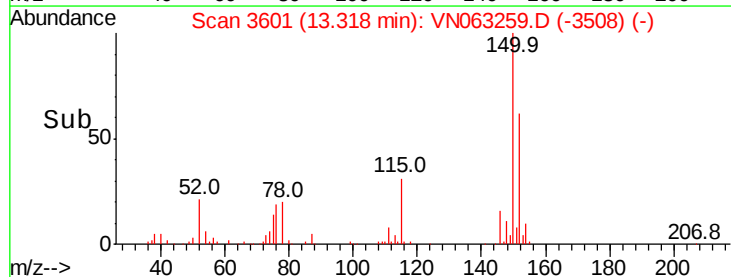
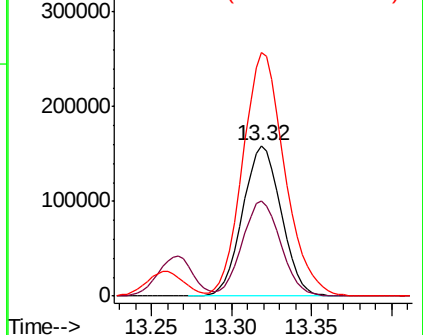
150 175.6 0.0 353.0

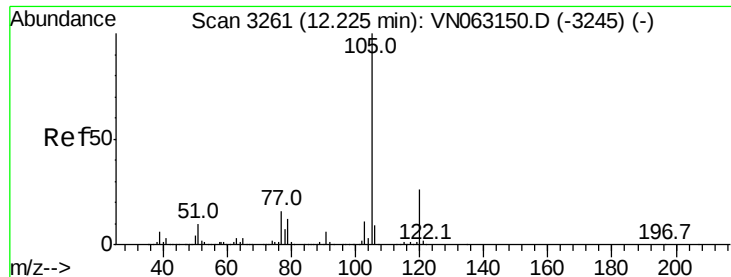


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.683 ug/l

RT: 12.22 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

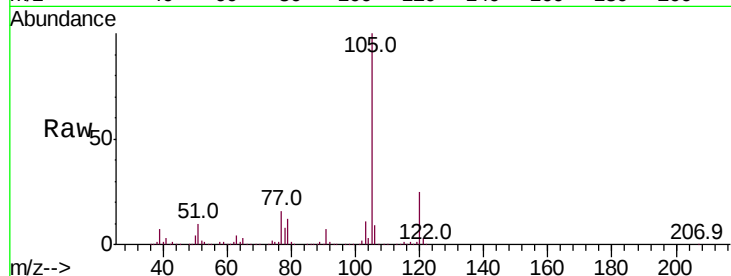
VSTDCCC050EC

Tot Ion:105 Resp: 998851

Ion Ratio Lower Upper

105 100

120 25.2 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

600000

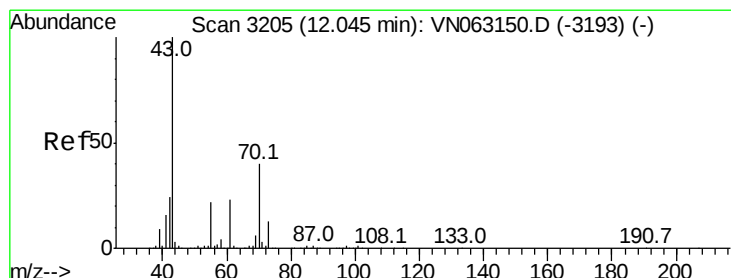
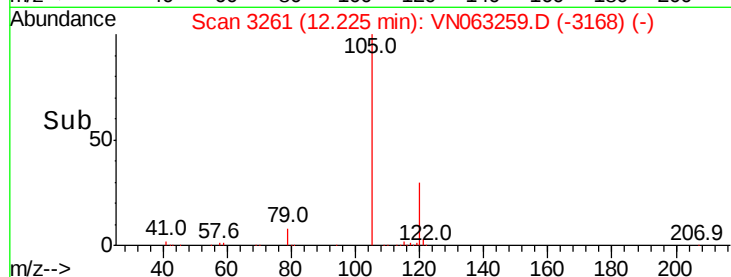
400000

200000

0

12.20 12.30

Time-->



#74

N-ethyl acetate

Concen: 53.657 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Tgt Ion: 43 Resp: 446830

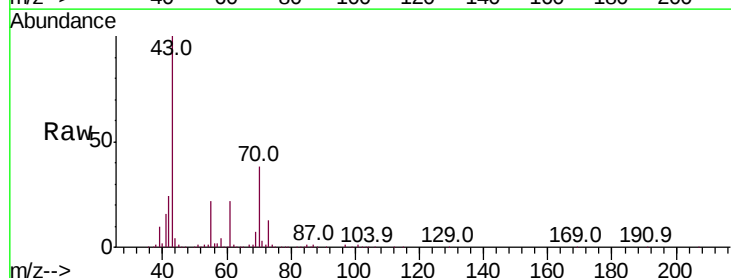
Ion Ratio Lower Upper

43 100

70 39.3 32.1 48.1

55 22.0 17.4 26.0

61 22.3 18.6 27.8



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

12.04

400000

300000

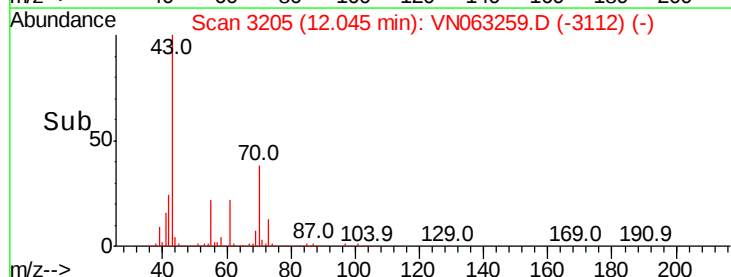
200000

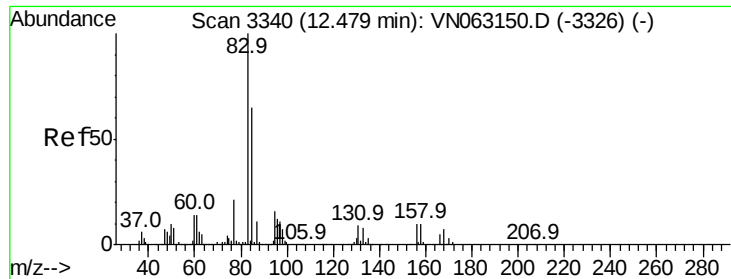
100000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.916 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

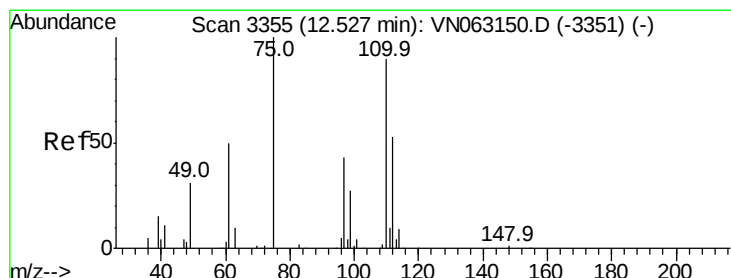
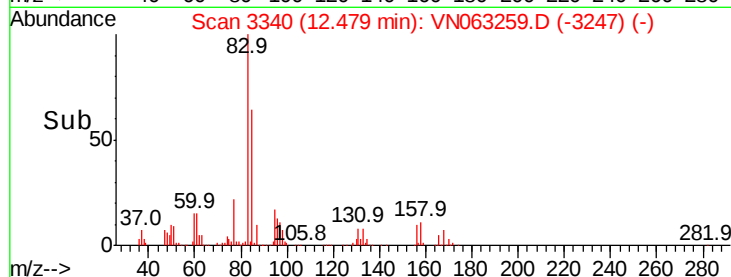
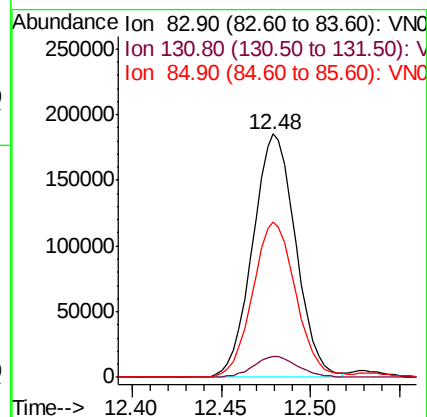
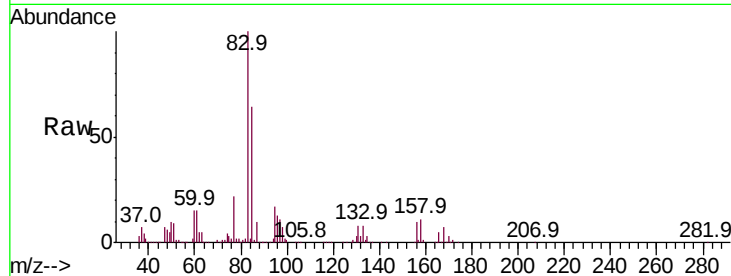
Tot Ion: 83 Resp: 312509

Ion Ratio Lower Upper

83 100

131 8.9 4.7 14.0

85 64.1 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 80.316 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063259.D

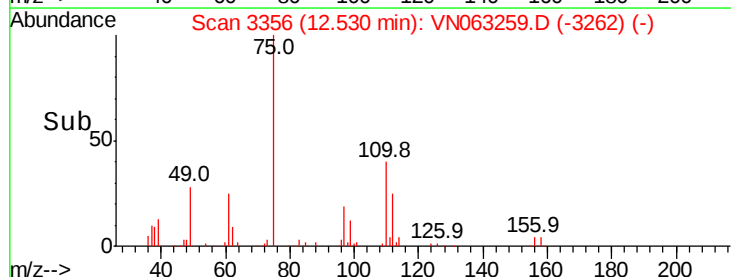
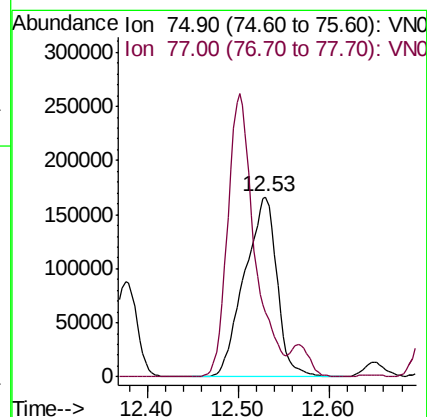
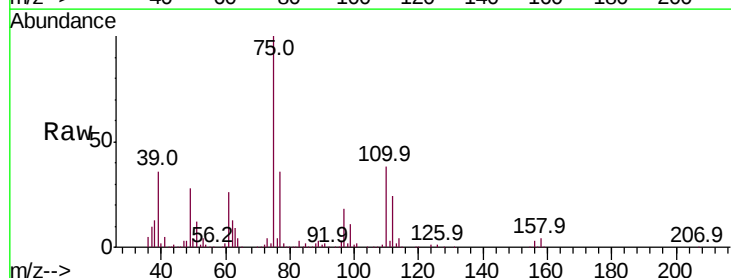
Acq: 4 Sep 2020 19:48

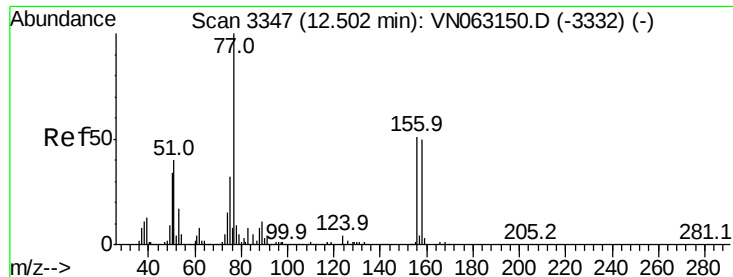
Tgt Ion: 75 Resp: 413637

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.689 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

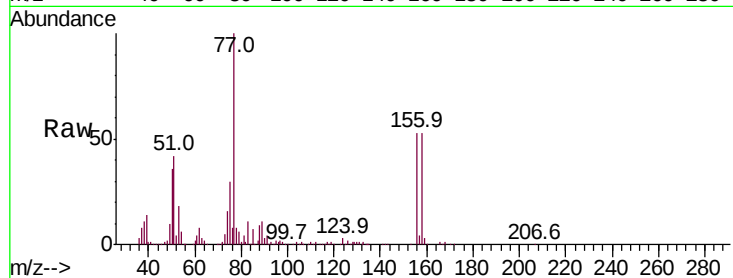
Tot Ion:156 Resp: 239567

Ion Ratio Lower Upper

156 100

77 225.2 116.1 348.3

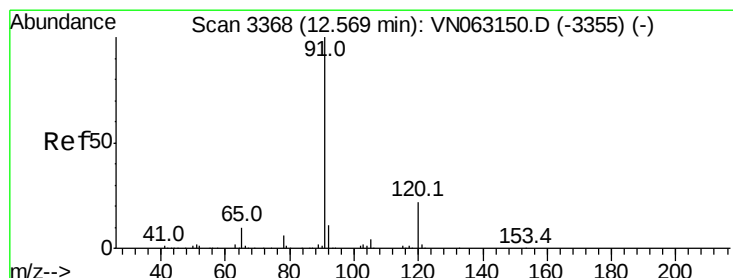
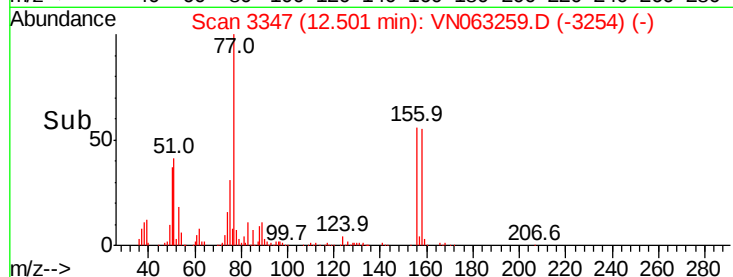
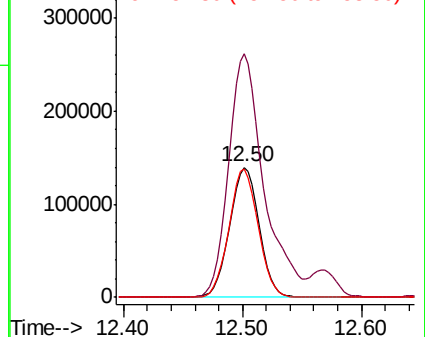
158 97.9 48.8 146.4



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: 49.671 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063259.D

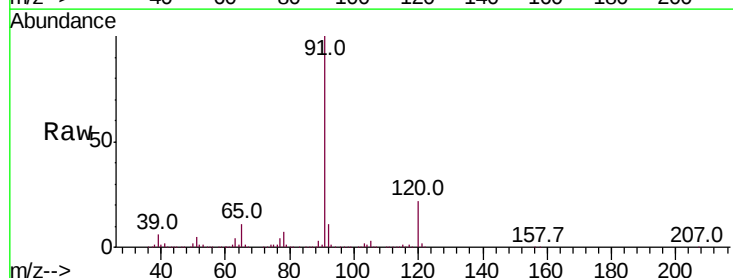
Acq: 4 Sep 2020 19:48

Tgt Ion: 91 Resp: 1155547

Ion Ratio Lower Upper

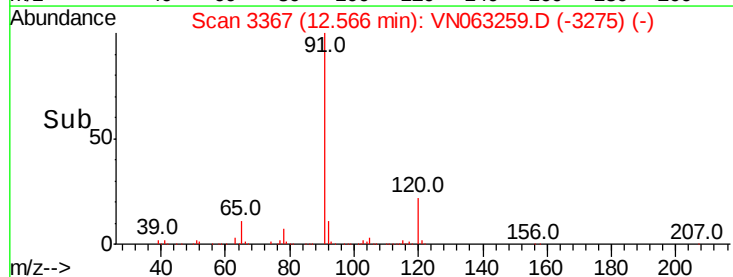
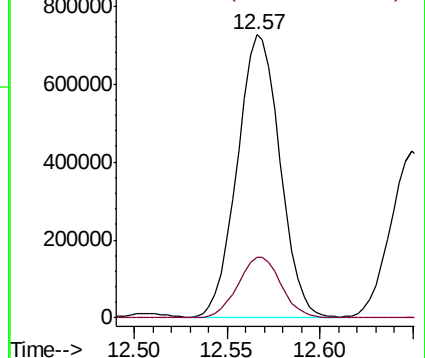
91 100

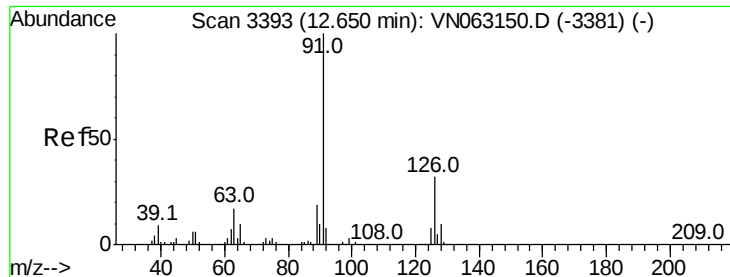
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

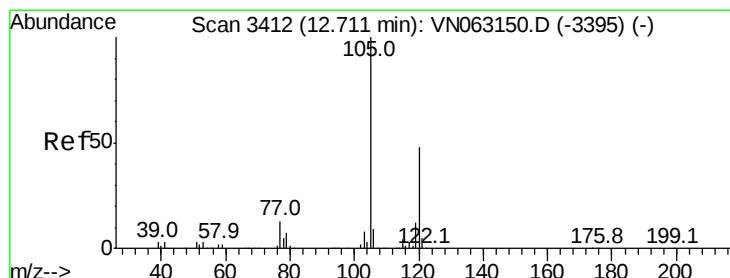
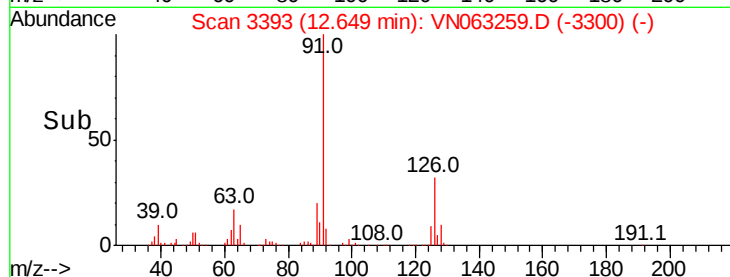
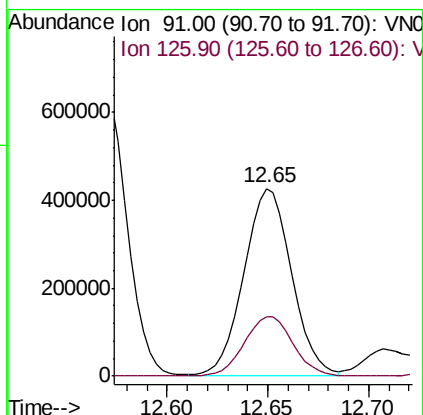
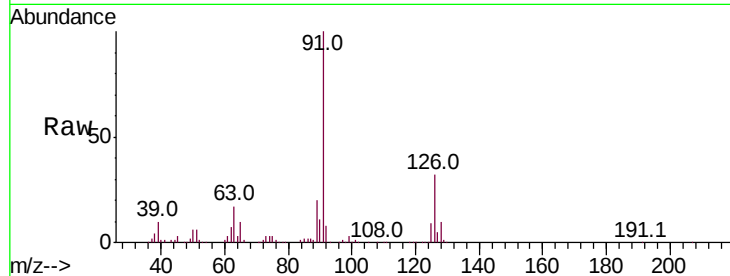




#79
 2-Chlorotoluene
 Concen: 50.289 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

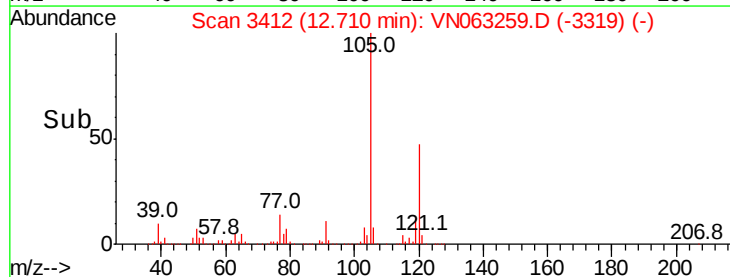
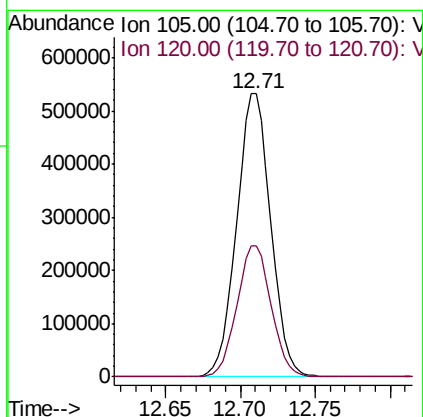
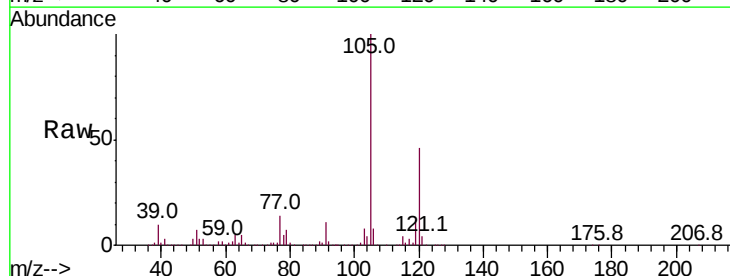
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

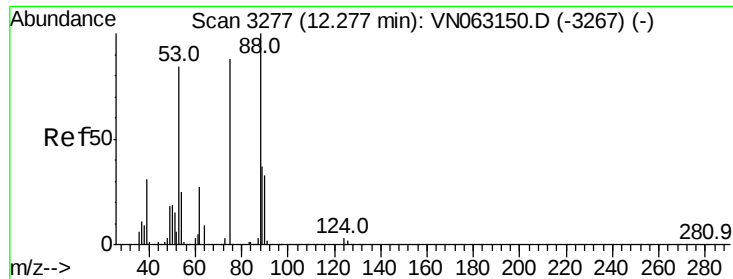
Tot Ion: 91 Resp: 700724
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.274 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

Tgt Ion:105 Resp: 841302
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 44.567 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

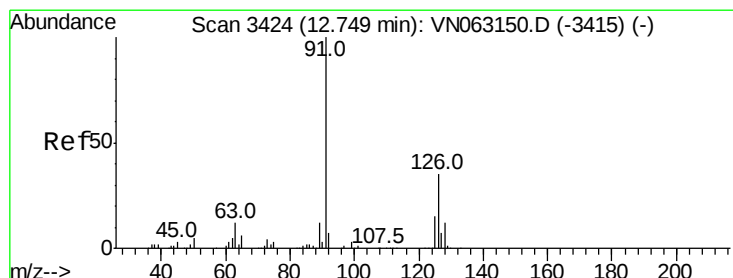
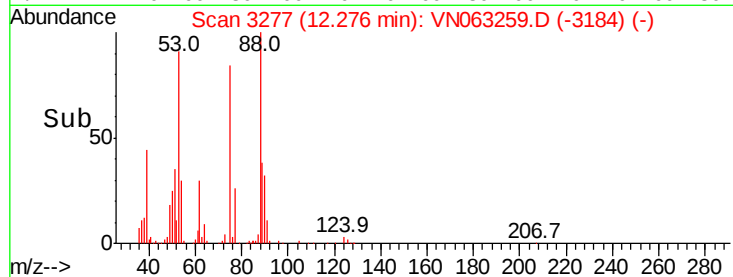
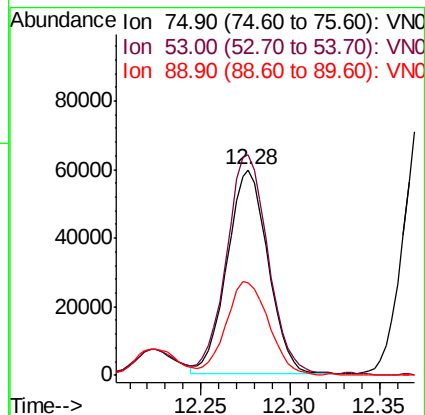
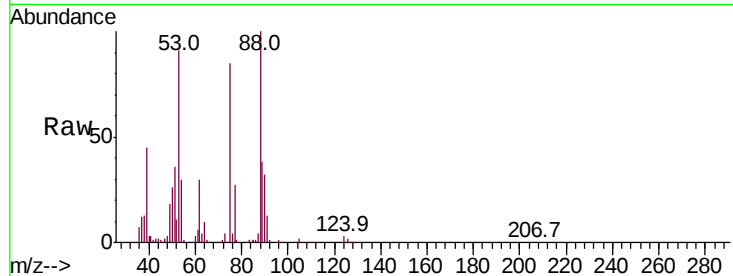
Tot Ion: 75 Resp: 94965

Ion	Ratio	Lower	Upper
75	100		
53	109.3	78.7	118.1
89	47.3	35.3	52.9

75 100

53 109.3 78.7 118.1

89 47.3 35.3 52.9



#82

4-Chlorotoluene

Concen: 51.229 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063259.D

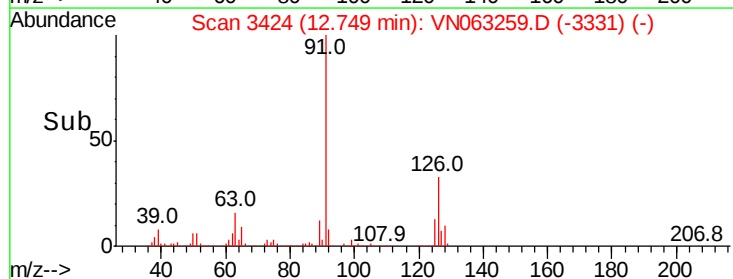
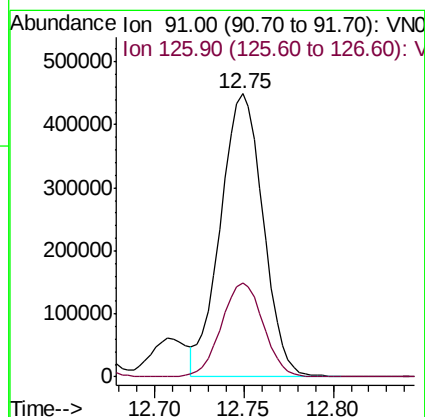
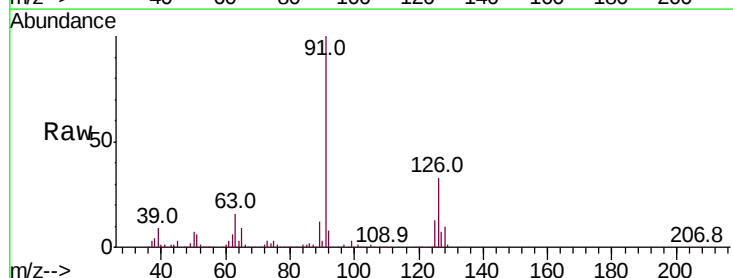
Acq: 4 Sep 2020 19:48

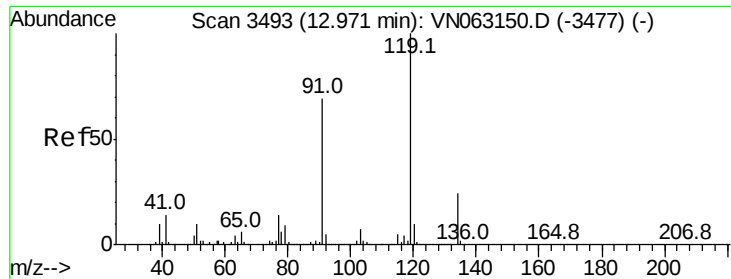
Tgt Ion: 91 Resp: 740323

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.2	48.5

91 100

126 32.7 16.2 48.5

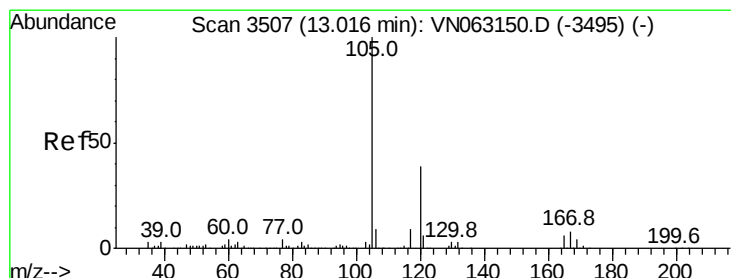
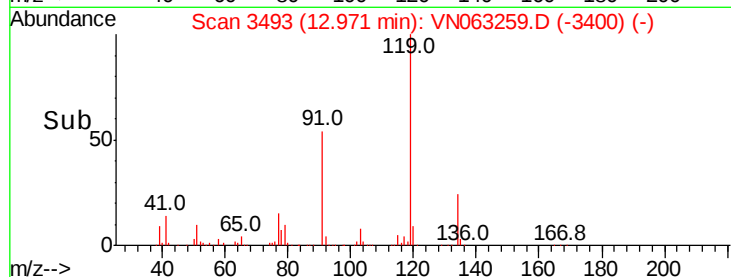
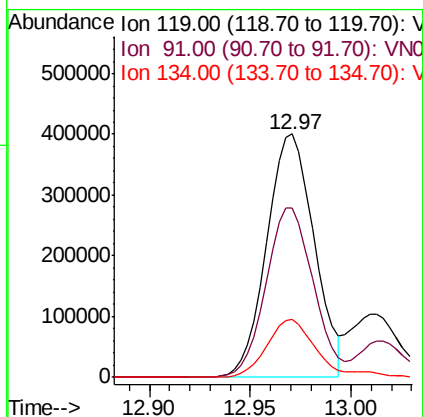
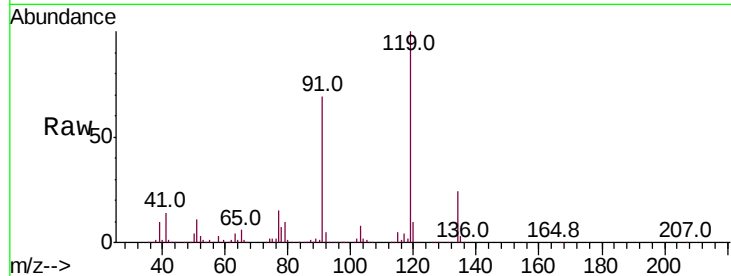




#83
 tert-Butylbenzene
 Concen: 45.623 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

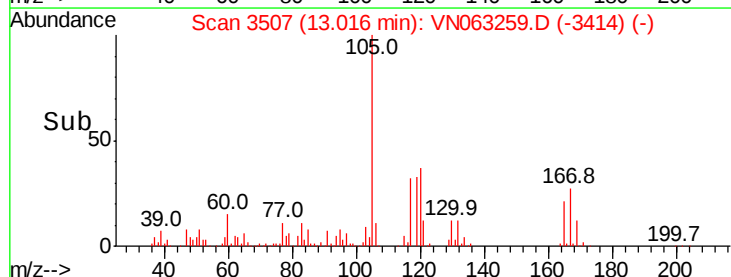
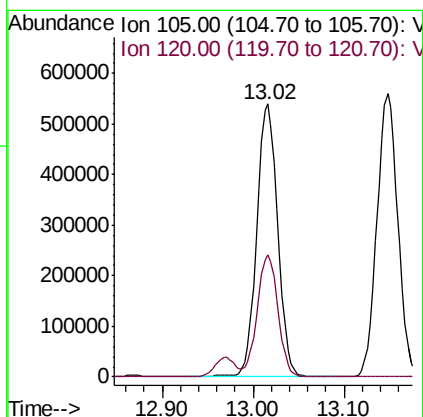
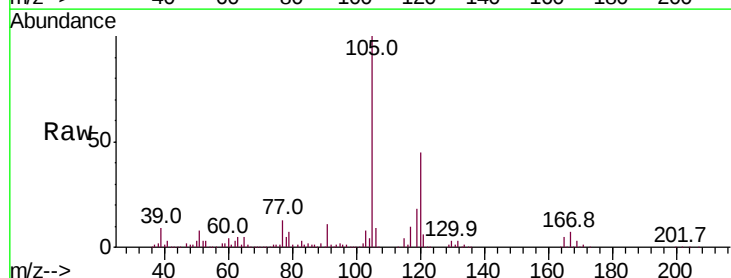
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

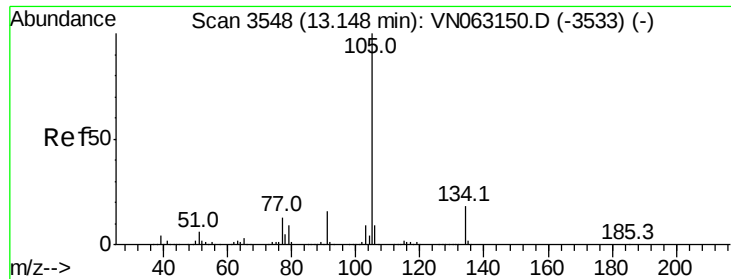
Tot Ion:119 Resp: 654762
 Ion Ratio Lower Upper
 119 100
 91 69.6 33.7 101.0
 134 23.6 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.143 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

Tgt Ion:105 Resp: 862659
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 47.529 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

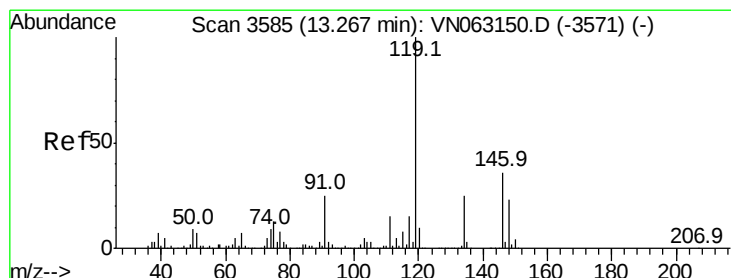
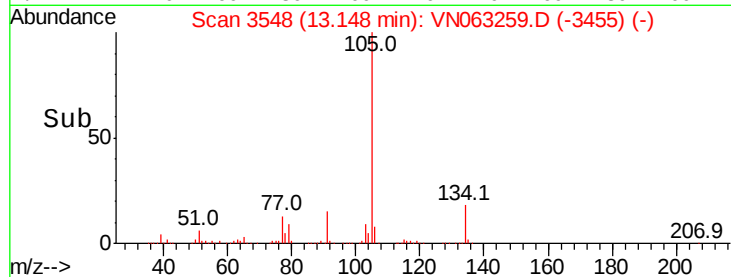
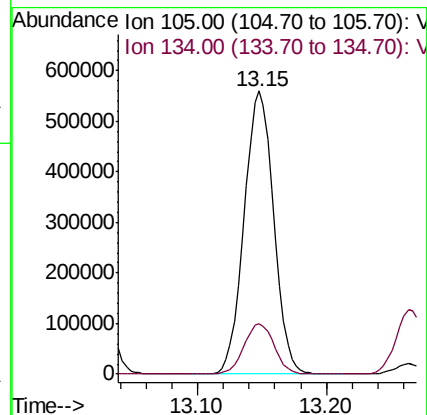
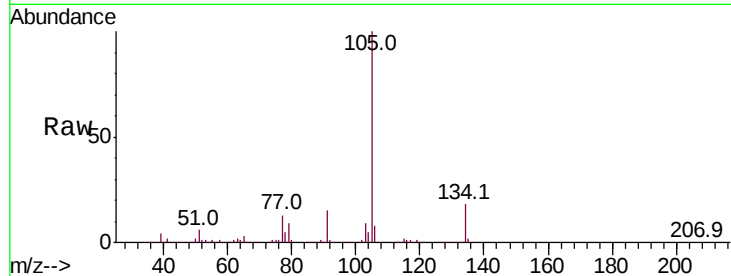
VSTDCCC050EC

Tot Ion:105 Resp: 888995

Ion Ratio Lower Upper

105 100

134 18.1 9.4 28.3



#86

p-Isopropyltoluene

Concen: 47.302 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

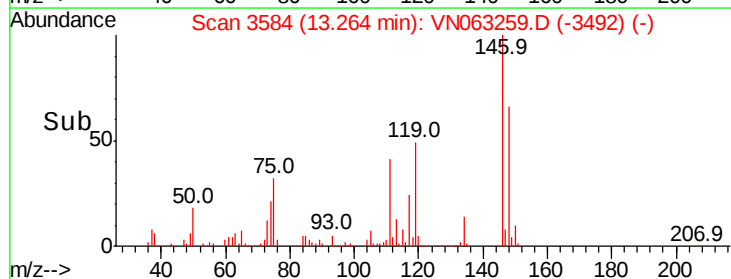
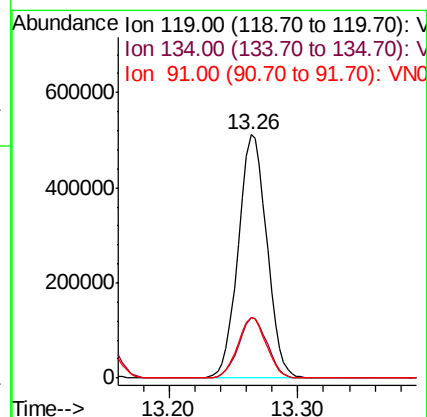
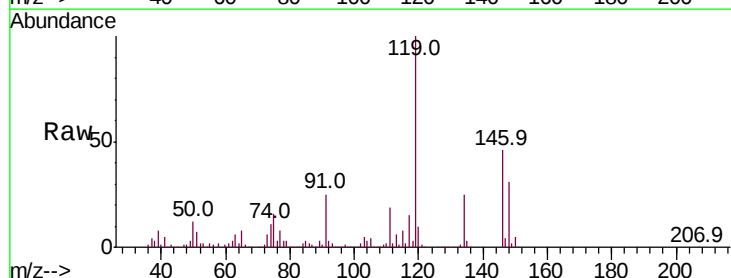
Tgt Ion:119 Resp: 785490

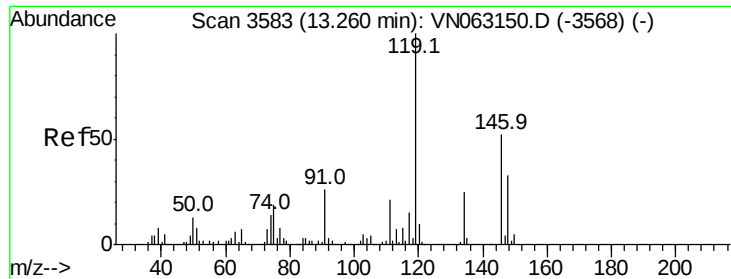
Ion Ratio Lower Upper

119 100

134 24.8 12.4 37.4

91 24.7 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 52.333 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

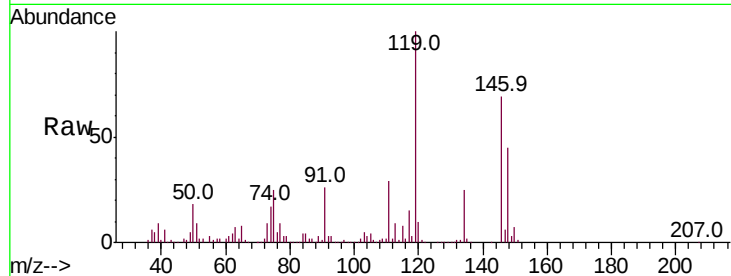
Tot Ion:146 Resp: 437128

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

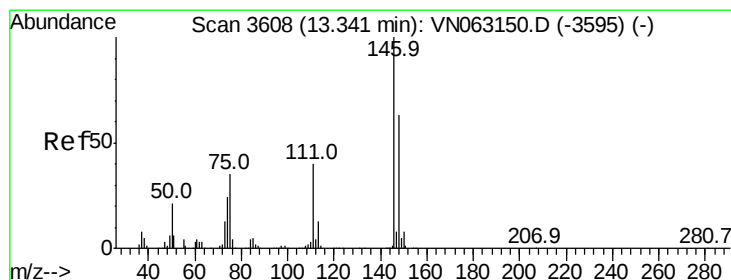
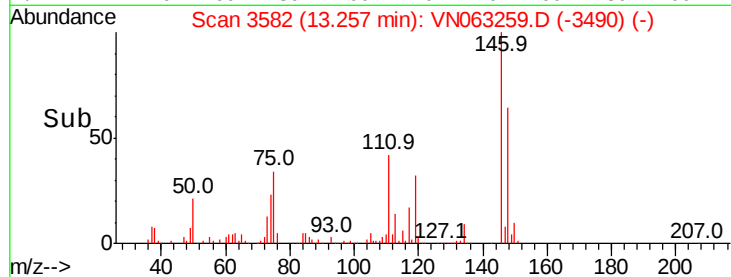
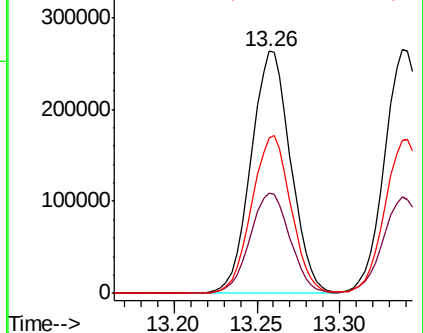
148 64.8 31.9 95.9



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: 51.168 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

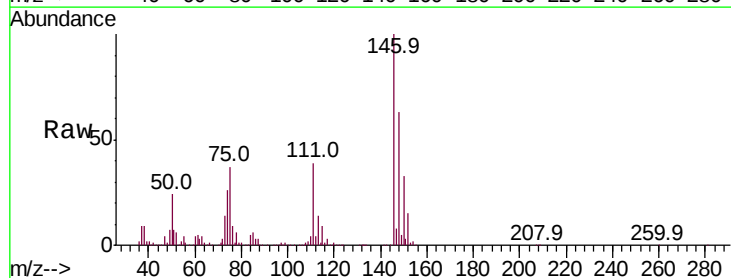
Tgt Ion:146 Resp: 442543

Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.5

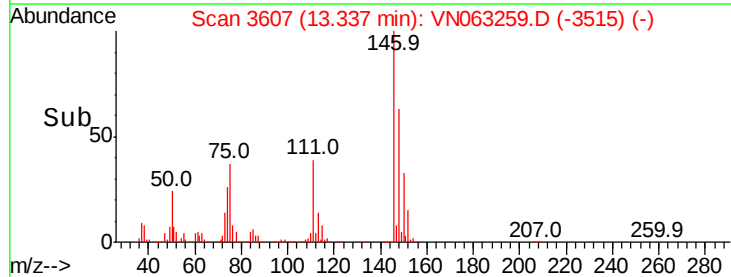
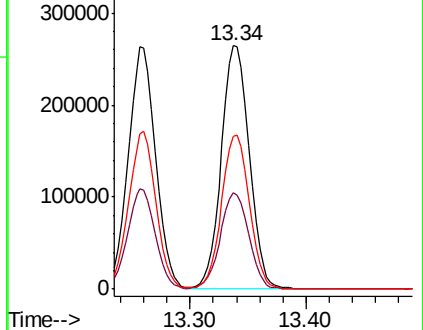
148 63.0 31.9 95.7

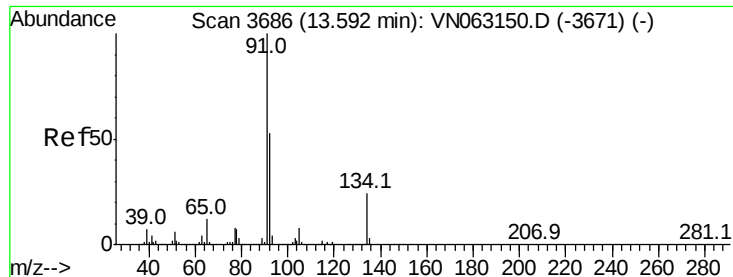


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

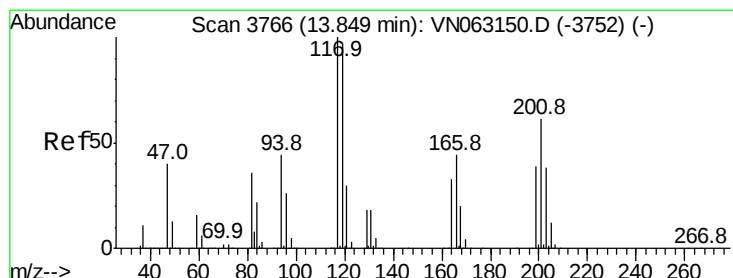
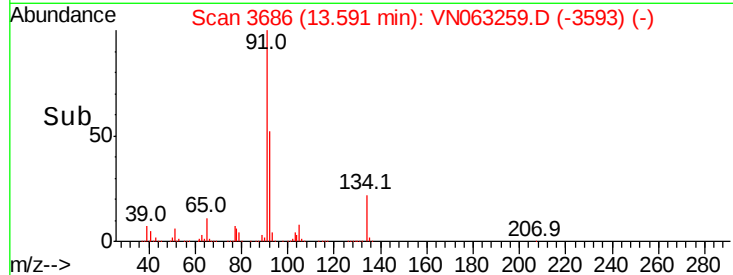
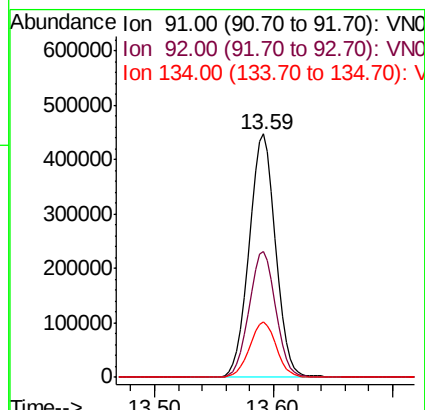
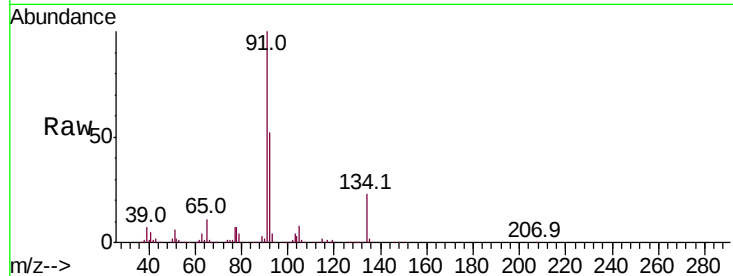




#89
n-Butylbenzene
Concen: 44.819 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

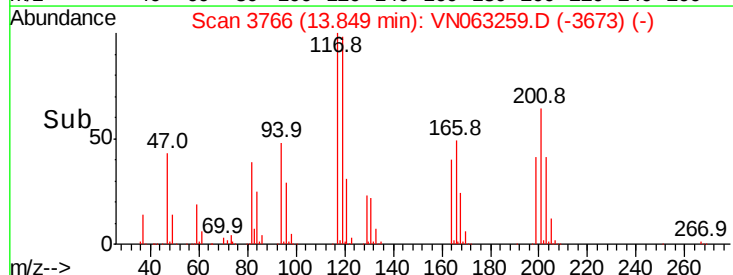
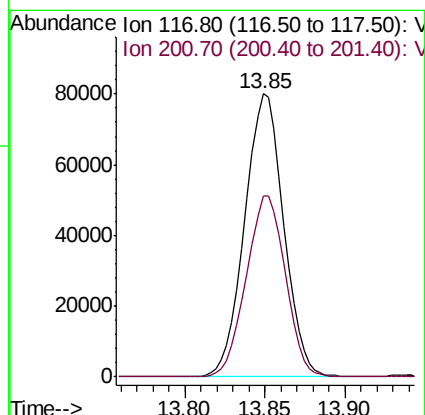
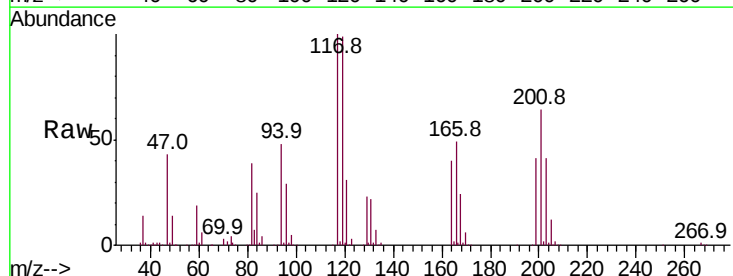
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

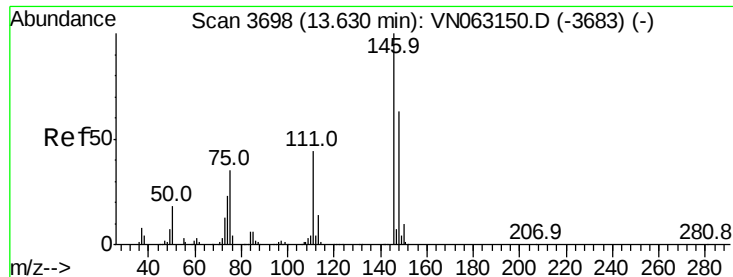
Tot Ion: 91 Resp: 687579
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 23.1 12.0 36.0



#90
Hexachloroethane
Concen: 43.289 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063259.D
Acq: 4 Sep 2020 19:48

Tgt Ion: 117 Resp: 133072
Ion Ratio Lower Upper
117 100
201 64.2 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 54.780 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

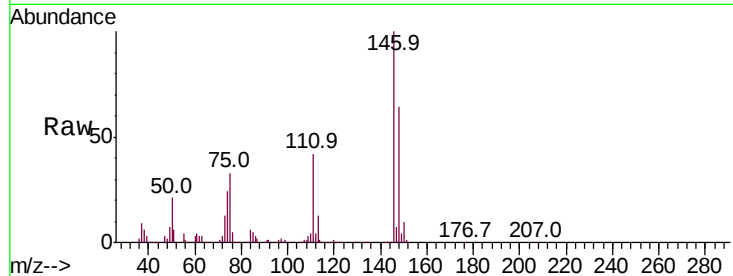
Tot Ion:146 Resp: 444030

Ion Ratio Lower Upper

146 100

111 42.5 22.0 66.0

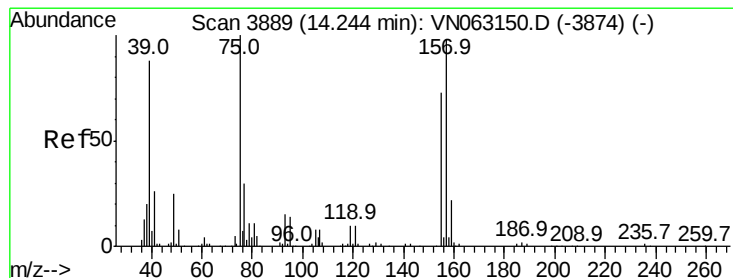
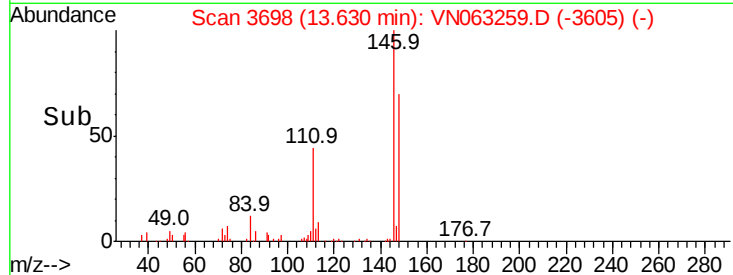
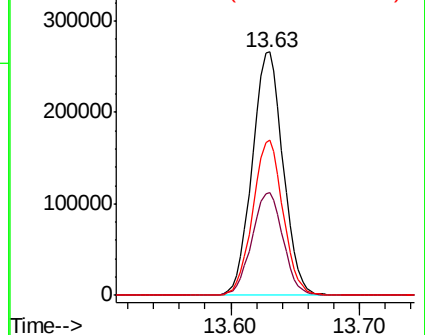
148 62.9 31.6 95.0



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: 48.813 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

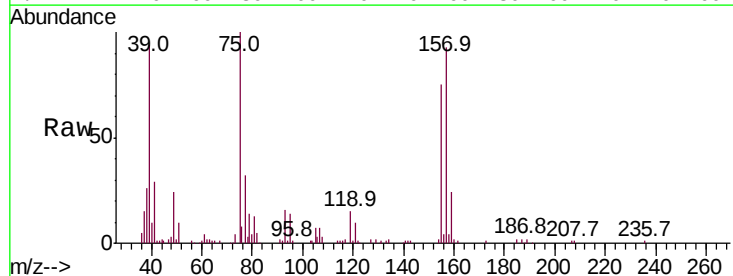
Tgt Ion: 75 Resp: 62202

Ion Ratio Lower Upper

75 100

155 80.1 36.1 108.5

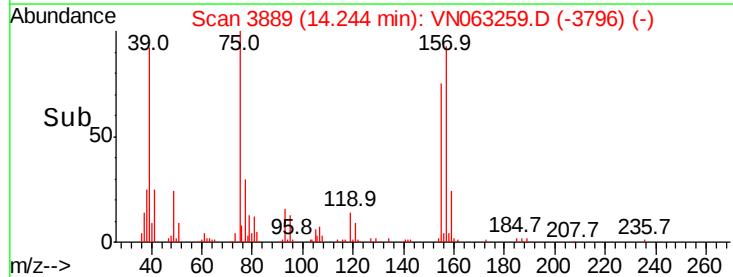
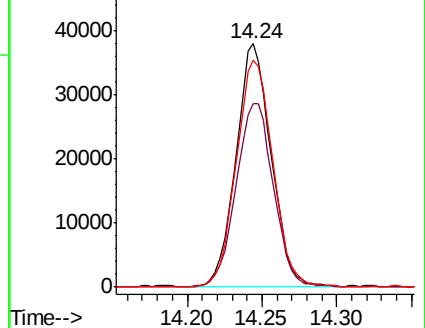
157 97.0 48.4 145.0

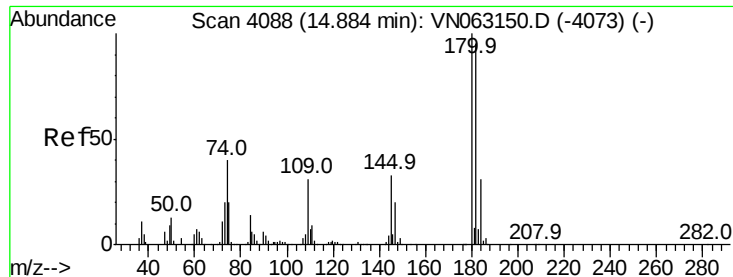


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

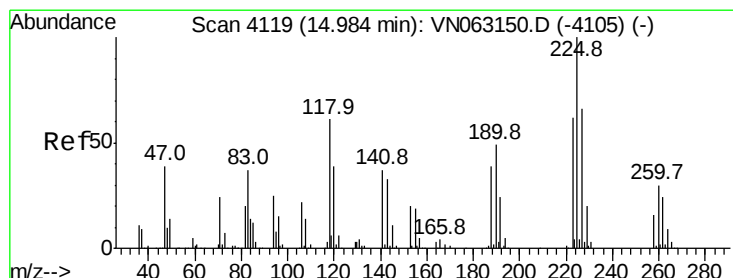
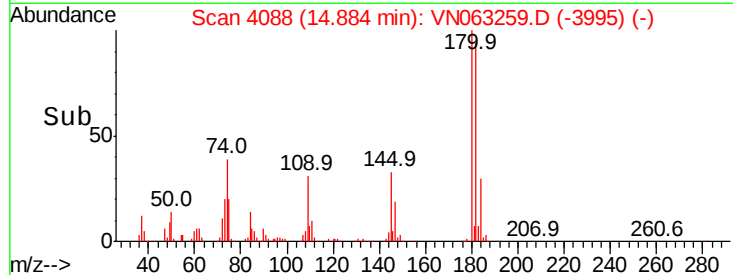
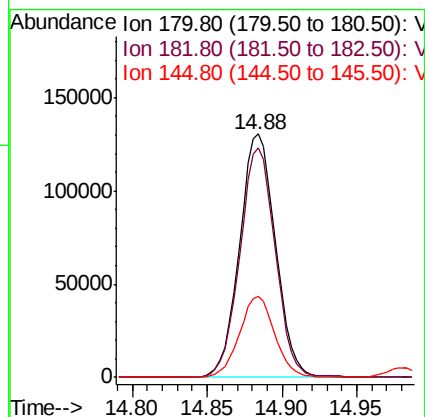
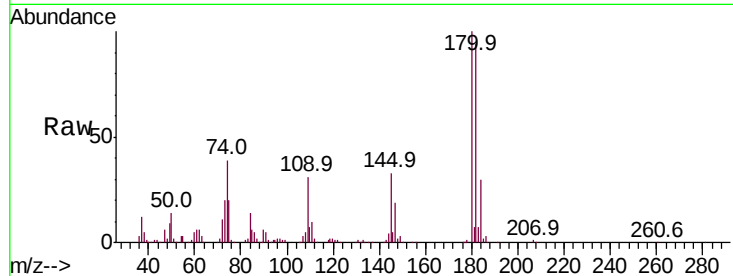




#93
 1,2,4-Trichlorobenzene
 Concen: 48.172 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

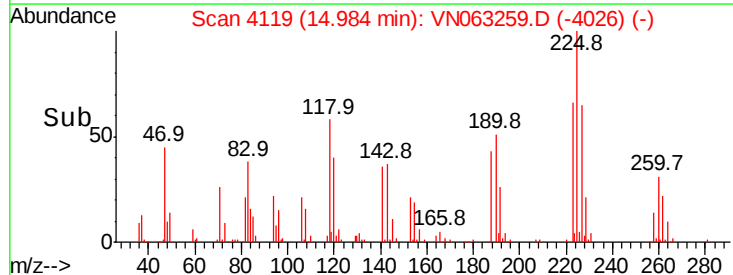
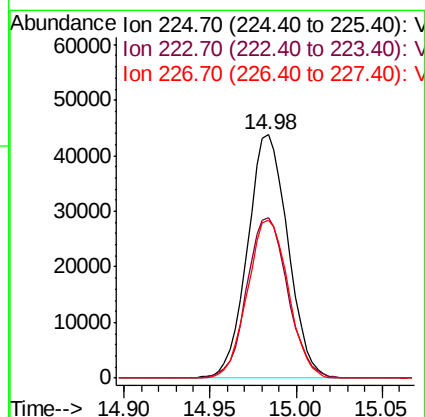
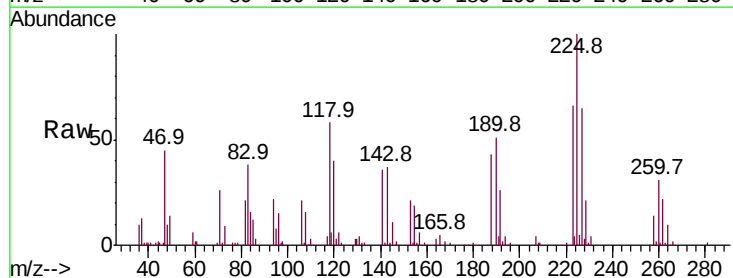
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

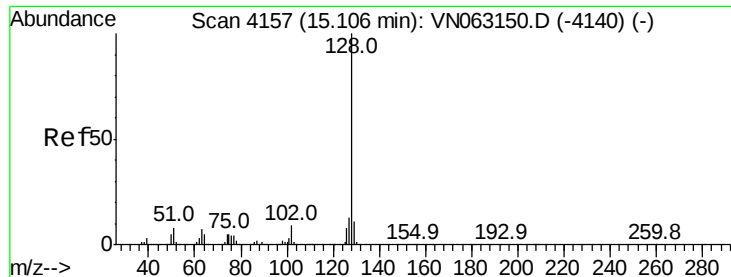
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.5	142.5
145	32.6	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 42.241 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063259.D
 Acq: 4 Sep 2020 19:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	30.9	92.7
227	65.6	32.9	98.7





#95

Naphthalene

Concen: 50.982 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. -0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

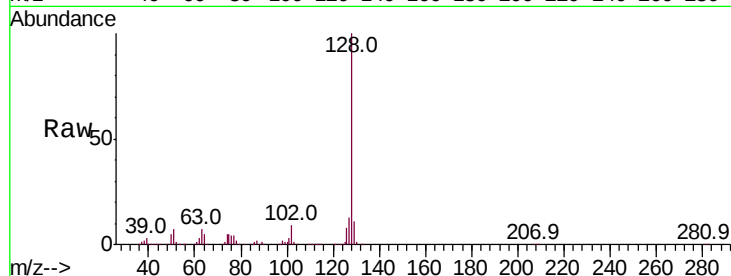
Tot Ion:128 Resp: 770272

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

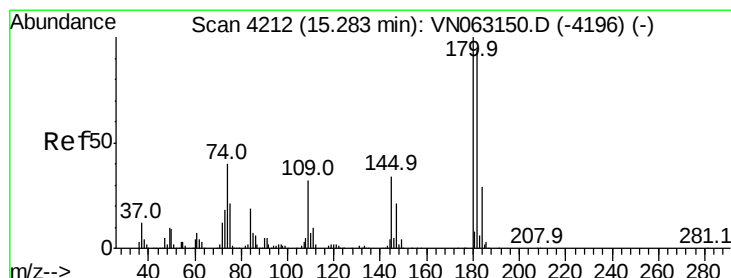
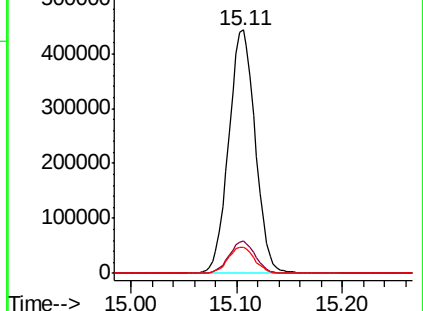
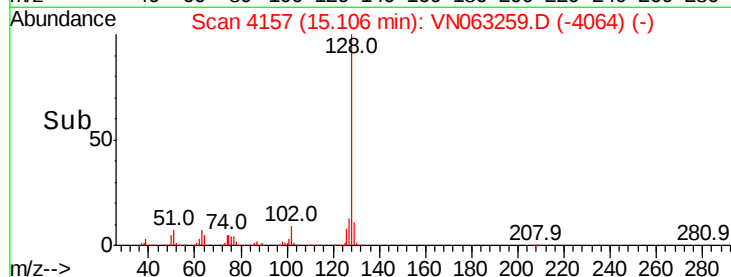
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.279 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063259.D

Acq: 4 Sep 2020 19:48

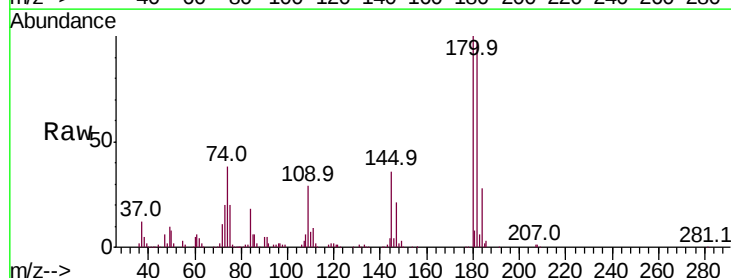
Tgt Ion:180 Resp: 213003

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 34.1 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

