

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063208.D
 Acq On : 3 Sep 2020 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 04 04:02:11 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	7.62	168	417712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	750618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	694601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	329781	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	305284	44.71	ug/l	0.00
Spiked Amount			Recovery	=	89.42%	
35) Dibromofluoromethane	7.55	113	223118	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
50) Toluene-d8	10.06	98	878766	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	12.38	95	310564	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	191023	46.435	ug/l	97
3) Chloromethane	2.04	50	254022	42.406	ug/l	98
4) Vinyl Chloride	2.17	62	293749	44.393	ug/l	99
5) Bromomethane	2.53	94	271416	48.729	ug/l	100
6) Chloroethane	2.67	64	254247	48.325	ug/l	97
7) Trichlorofluoromethane	2.98	101	475345	52.245	ug/l	97
8) Diethyl Ether	3.37	74	139665	44.114	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	222076	49.376	ug/l	98
10) Methyl Iodide	3.91	142	268252	43.731	ug/l	100
11) Tert butyl alcohol	4.73	59	187115	223.240	ug/l	98
12) 1,1-Dichloroethene	3.69	96	215629	47.050	ug/l	96
13) Acrolein	3.57	56	82616	258.334	ug/l	95
14) Allyl chloride	4.27	41	394976	48.527	ug/l	97
15) Acrylonitrile	4.93	53	533454	227.430	ug/l	100
16) Acetone	3.77	43	501120	258.162	ug/l	98
17) Carbon Disulfide	4.01	76	610084	44.725	ug/l	99
18) Methyl Acetate	4.27	43	253038	50.840	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	799059	47.000	ug/l	99
20) Methylene Chloride	4.50	84	251855	46.105	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	243623	48.116	ug/l	93
22) Diisopropyl ether	5.90	45	861628	47.239	ug/l	96
23) Vinyl Acetate	5.84	43	3601918	247.492	ug/l	100
24) 1,1-Dichloroethane	5.79	63	472302	46.971	ug/l	99
25) 2-Butanone	6.78	43	771848	256.802	ug/l	98
26) 2,2-Dichloropropane	6.77	77	439447	48.237	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	294522	47.856	ug/l	98
28) Bromochloromethane	7.14	49	237765	45.260	ug/l	99
29) Tetrahydrofuran	7.16	42	492080	236.776	ug/l	98
30) Chloroform	7.32	83	504456	47.952	ug/l	98
31) Cyclohexane	7.61	56	407788	45.876	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	445587	49.154	ug/l	100
36) 1,1-Dichloropropene	7.75	75	371307	51.456	ug/l	99
37) Ethyl Acetate	6.88	43	334039	49.031	ug/l #	96
38) Carbon Tetrachloride	7.73	117	373676	51.062	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	415462	51.249	ug/l	99
40) Benzene	8.00	78	1078929	50.880	ug/l	100
41) Methacrylonitrile	7.12	41	149457	49.164	ug/l	93
42) 1,2-Dichloroethane	8.08	62	409056	51.641	ug/l	100
43) Isopropyl Acetate	8.12	43	601397	51.103	ug/l	100
44) Trichloroethene	8.80	130	279680	54.375	ug/l	99
45) 1,2-Dichloropropane	9.08	63	278737	49.646	ug/l	96
46) Dibromomethane	9.17	93	194414	52.252	ug/l	99
47) Bromodichloromethane	9.37	83	412657	51.743	ug/l	99
48) Methyl methacrylate	9.16	41	273500	51.553	ug/l	95
49) 1,4-Dioxane	9.17	88	81248	990.158	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1709351	267.295	ug/l	99
52) Toluene	10.12	92	695256	52.633	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	435552	49.928	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	469082	51.226	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	264388	52.262	ug/l	99
56) Ethyl methacrylate	10.40	69	396515	51.503	ug/l	100
57) 1,3-Dichloropropane	10.68	76	460085	51.051	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	980928	246.048	ug/l	100
59) 2-Hexanone	10.72	43	1271926	283.008	ug/l	99
60) Dibromochloromethane	10.87	129	293634	52.501	ug/l	100
61) 1,2-Dibromoethane	10.98	107	267610	50.887	ug/l	96
64) Tetrachloroethene	10.60	164	280940	56.324	ug/l	98
65) Chlorobenzene	11.41	112	703212	50.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	265680	51.149	ug/l	98
67) Ethyl Benzene	11.48	91	1338759	52.455	ug/l	100
68) m/p-Xylenes	11.59	106	998240	105.606	ug/l	99
69) o-Xylene	11.92	106	476738	52.208	ug/l	99
70) Styrene	11.94	104	818001	52.124	ug/l	100
71) Bromoform	12.10	173	179061	50.797	ug/l #	98
73) Isopropylbenzene	12.23	105	1287420	50.899	ug/l	100
74) N-amyl acetate	12.04	43	534060	50.974	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	344366	47.223	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	480891	74.217	ug/l #	100
77) Bromobenzene	12.50	156	287153	50.198	ug/l	96
78) n-propylbenzene	12.57	91	1547641	52.876	ug/l	99
79) 2-Chlorotoluene	12.65	91	876154	49.979	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1092362	51.885	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	126070	47.027	ug/l	99
82) 4-Chlorotoluene	12.75	91	933550	51.346	ug/l	99
83) tert-Butylbenzene	12.97	119	892801	49.446	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	1119321	52.745	ug/l	97
85) sec-Butylbenzene	13.15	105	1252429	53.222	ug/l	99
86) p-Isopropyltoluene	13.26	119	1124902	53.843	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	539552	51.343	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	548133	50.374	ug/l	99
89) n-Butylbenzene	13.59	91	1048295	54.313	ug/l	99
90) Hexachloroethane	13.85	117	183218	47.374	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	529419	51.915	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	73504	45.848	ug/l	96

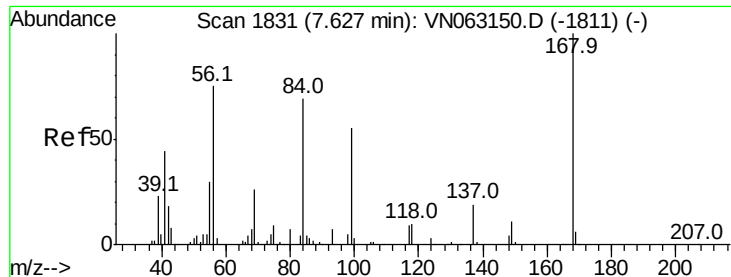
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	299383	52.547	ug/l	100
94) Hexachlorobutadiene	14.98	225	112004	52.624	ug/l	96
95) Naphthalene	15.10	128	937938	49.343	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	285811	51.490	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

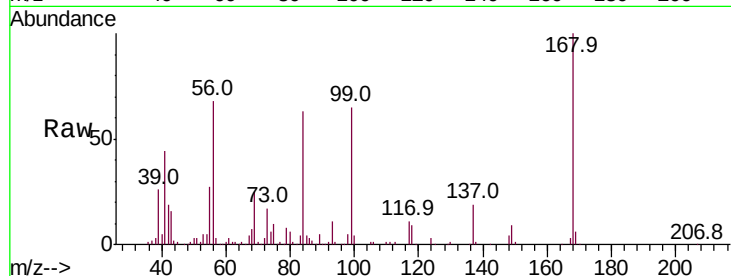
VSTDCCC050

Tot Ion:168 Resp: 417712

Ion Ratio Lower Upper

168 100

99 64.8 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

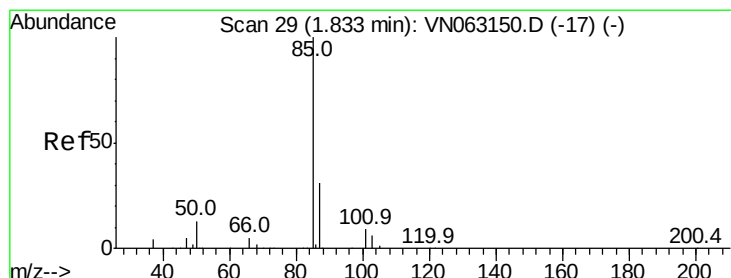
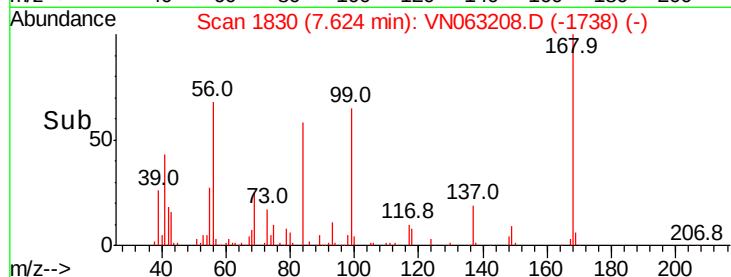
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.435 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063208.D

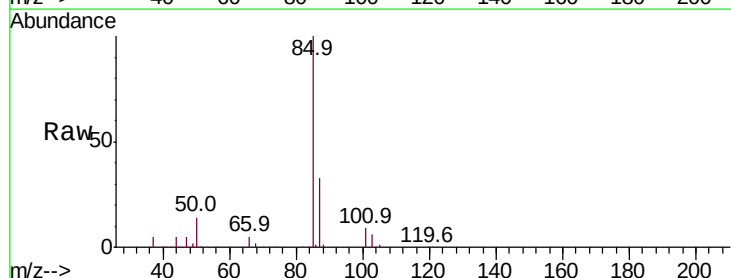
Acq: 3 Sep 2020 10:00

Tgt Ion: 85 Resp: 191023

Ion Ratio Lower Upper

85 100

87 33.0 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

150000

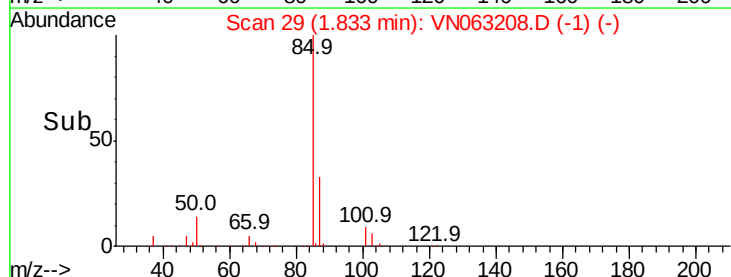
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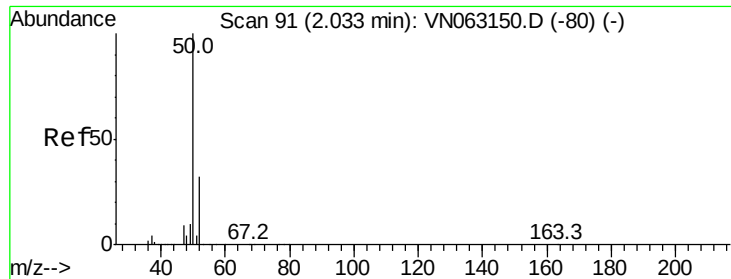
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 42.406 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

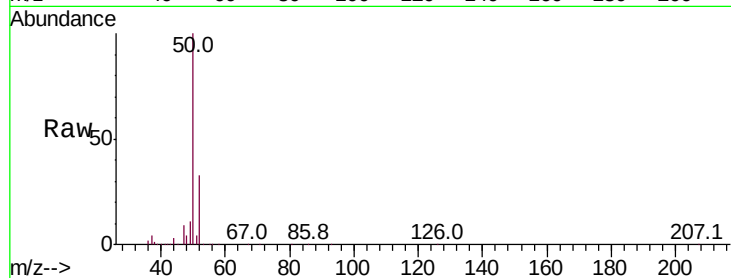
VSTDCCC050

Tot Ion: 50 Resp: 254022

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

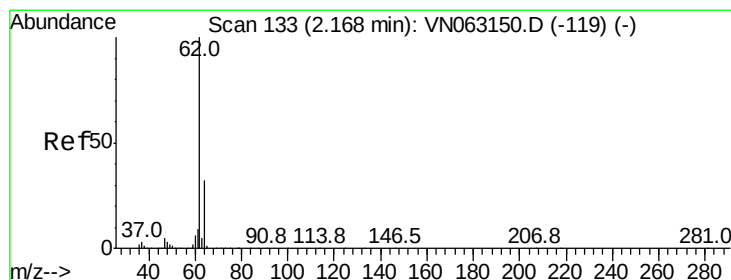
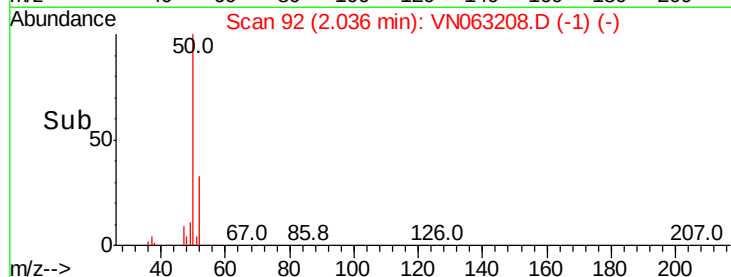
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 44.393 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063208.D

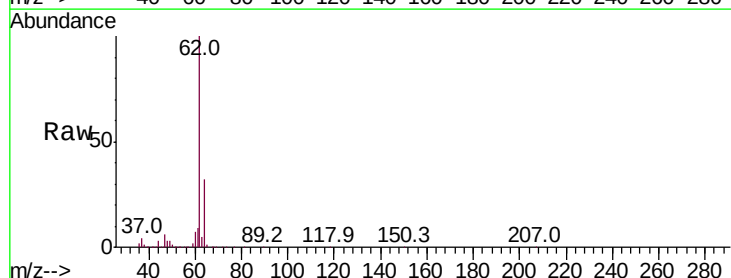
Acq: 3 Sep 2020 10:00

Tgt Ion: 62 Resp: 293749

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

200000

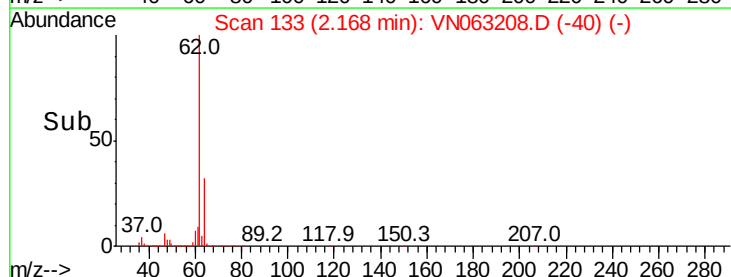
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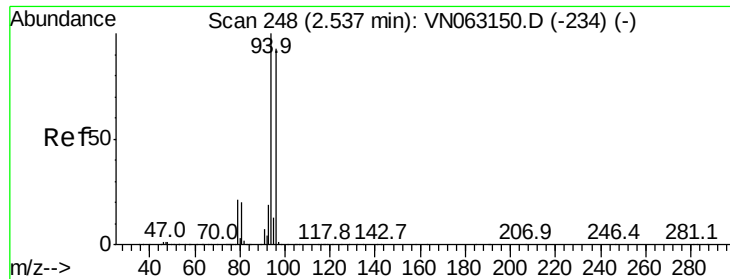
100000

50000

0

Time-->





#5

Bromomethane

Concen: 48.729 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

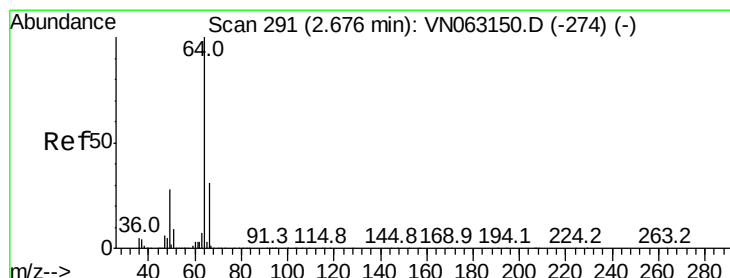
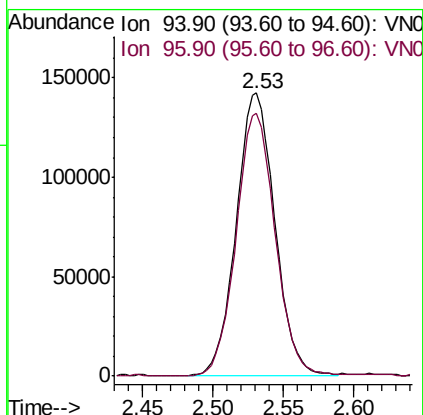
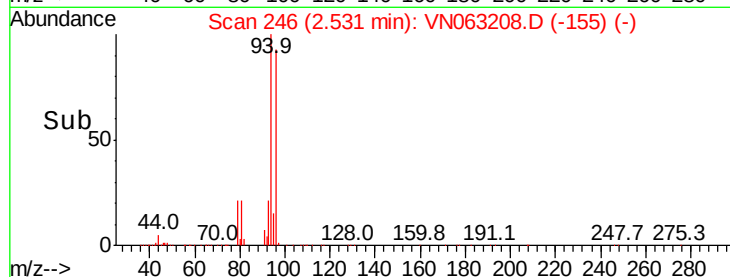
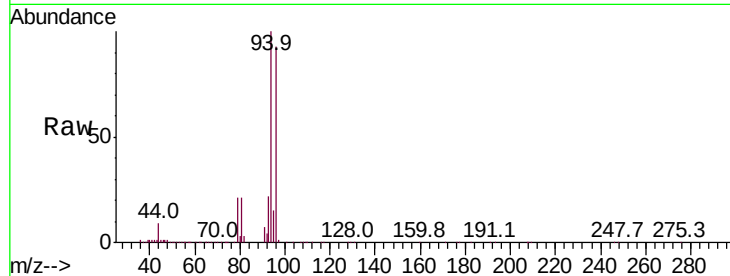
VSTDCCC050

Tot Ion: 94 Resp: 271416

Ion Ratio Lower Upper

94 100

96 92.7 74.4 111.6



#6

Chloroethane

Concen: 48.325 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063208.D

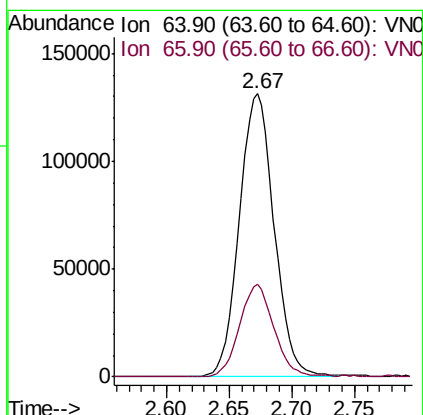
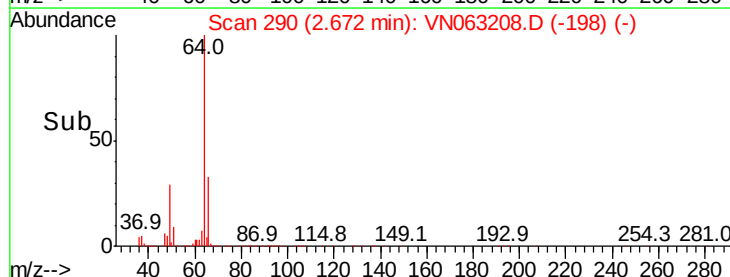
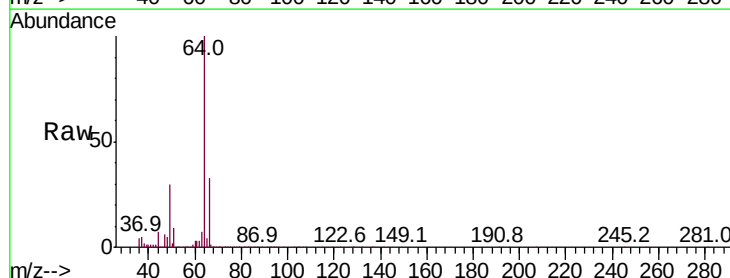
Acq: 3 Sep 2020 10:00

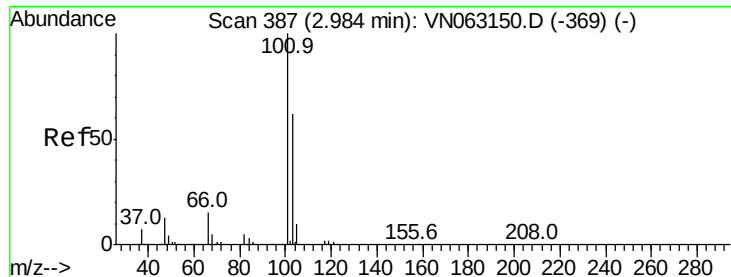
Tgt Ion: 64 Resp: 254247

Ion Ratio Lower Upper

64 100

66 32.6 24.7 37.1



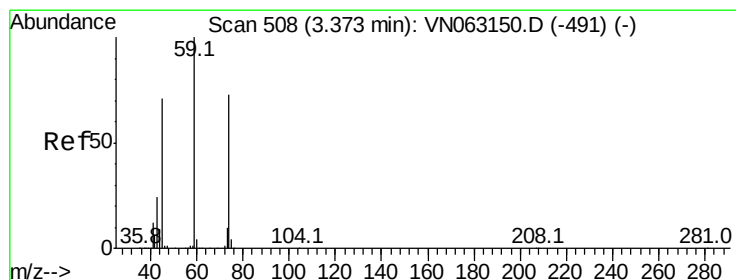
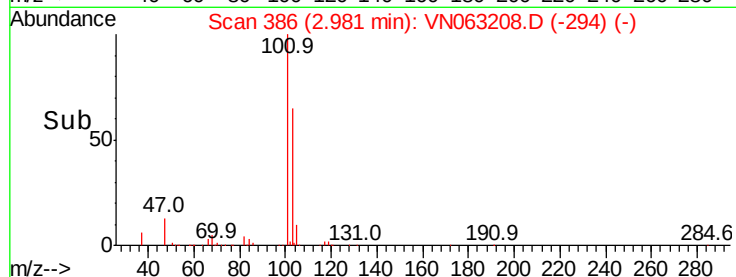
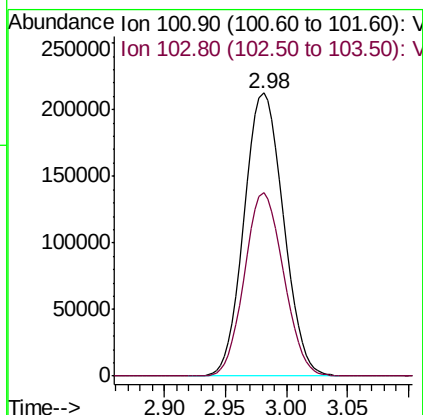
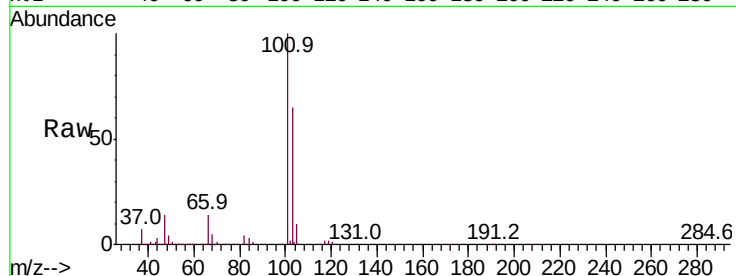


#7

Trichlorofluoromethane
 Concen: 52.245 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063208.D
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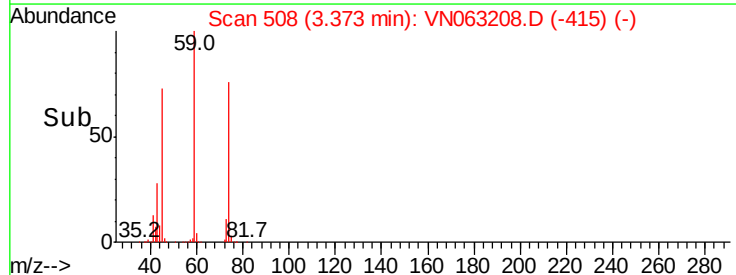
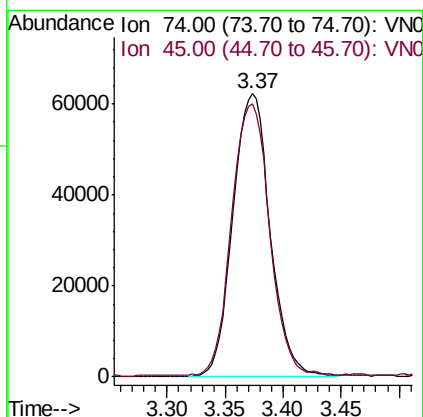
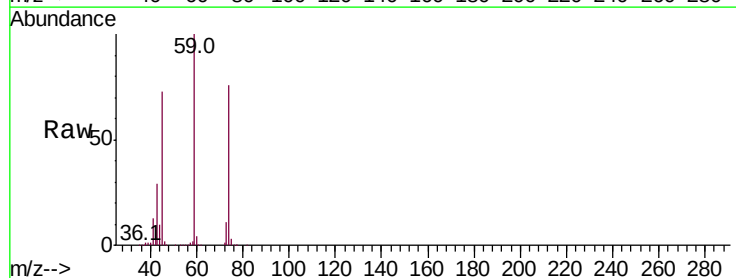
Tot Ion:101 Resp: 475345
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.7 74.5

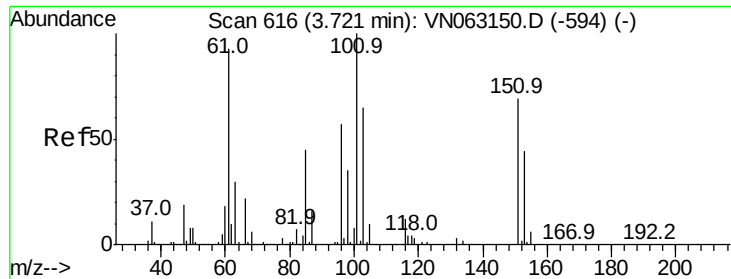


#8

Diethyl Ether
 Concen: 44.114 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Tgt Ion: 74 Resp: 139665
 Ion Ratio Lower Upper
 74 100
 45 97.5 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.376 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

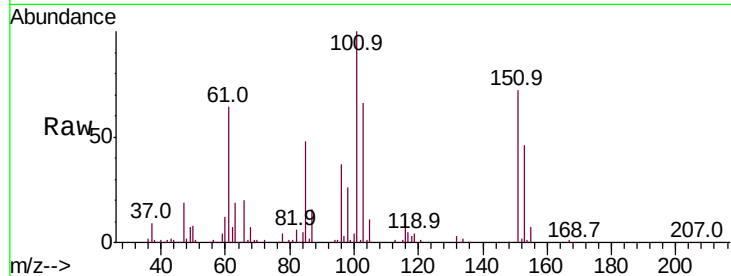
Tot Ion:101 Resp: 222076

Ion Ratio Lower Upper

101 100

85 48.2 37.8 56.8

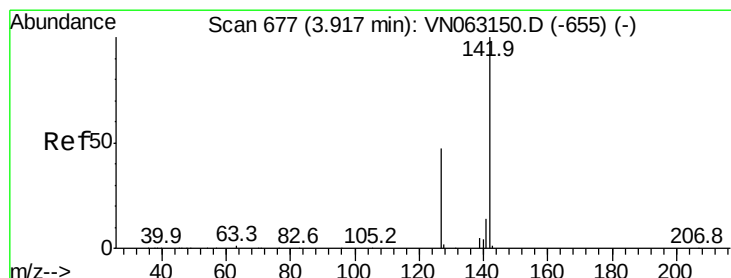
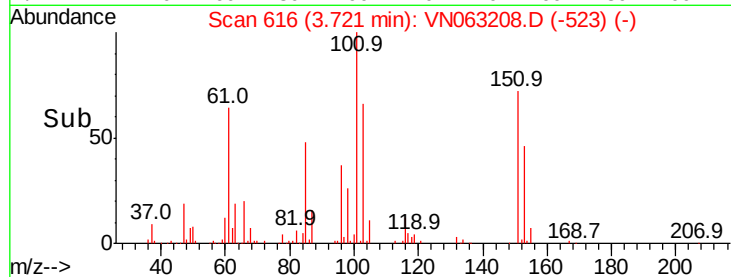
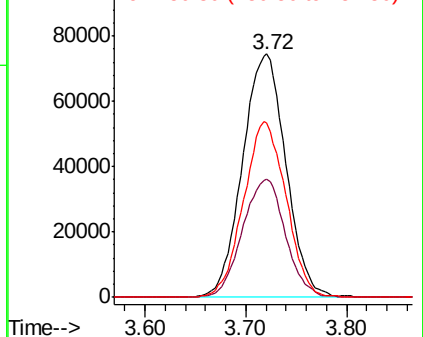
151 70.8 55.0 82.4



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: 43.731 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

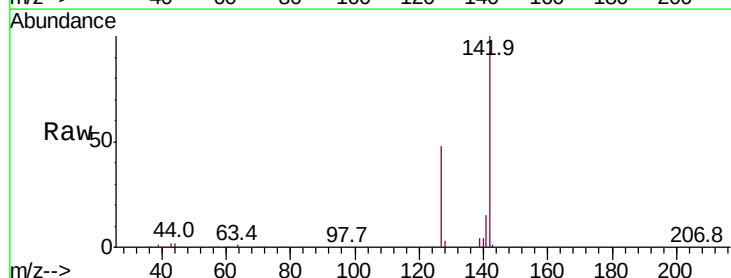
Tgt Ion:142 Resp: 268252

Ion Ratio Lower Upper

142 100

127 47.1 37.6 56.4

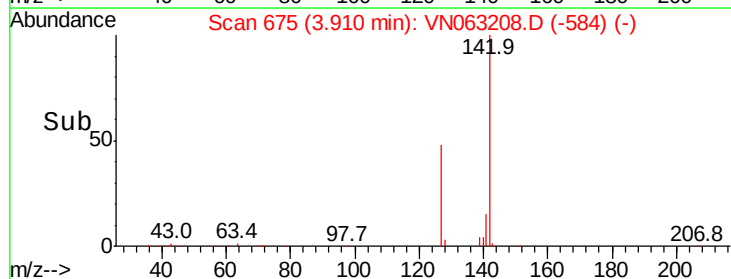
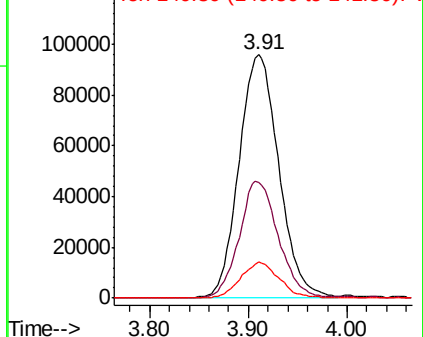
141 14.4 11.3 16.9

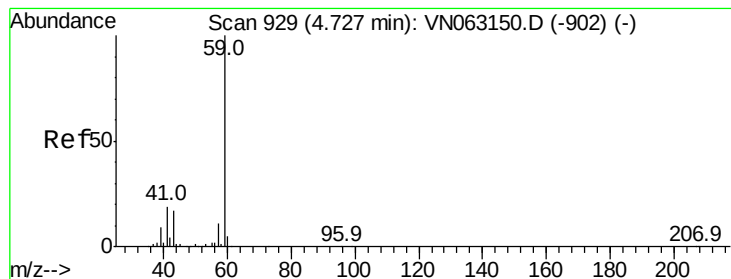


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



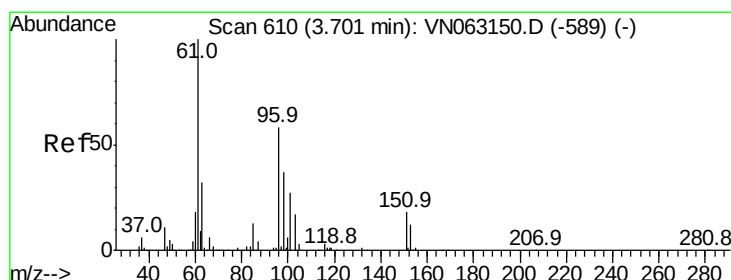
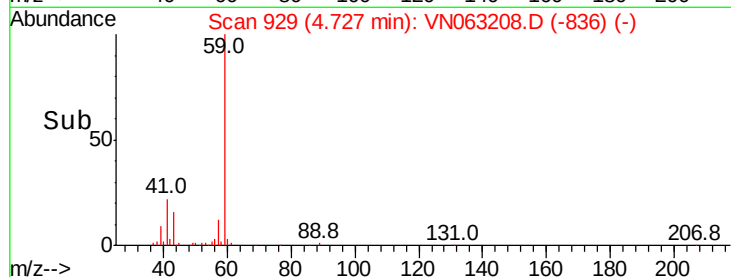
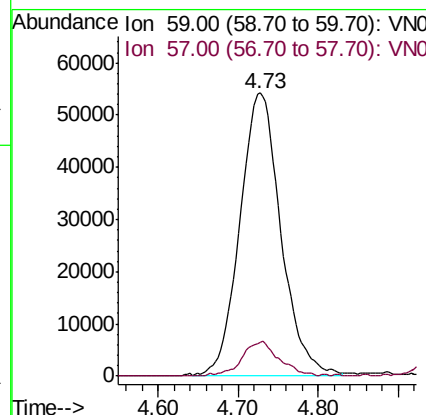
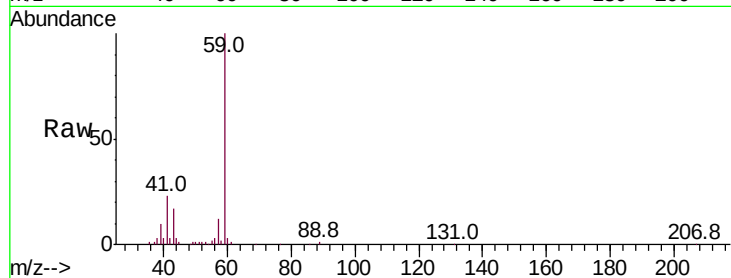


#11

Tert butyl alcohol
 Concen: 223.240 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

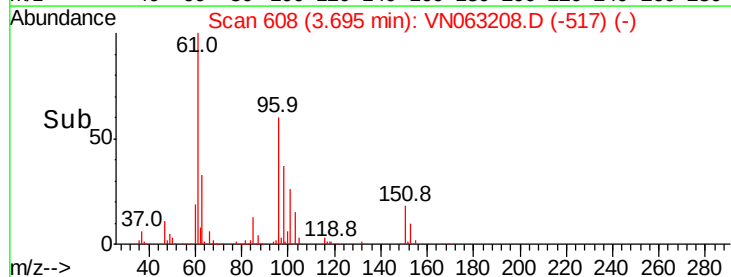
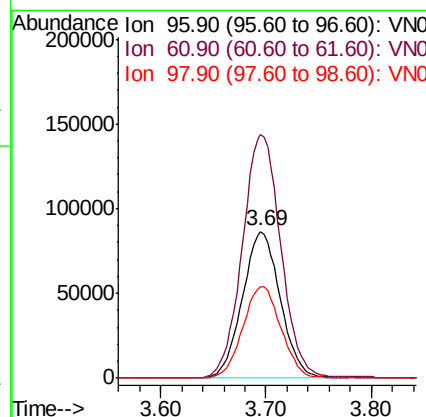
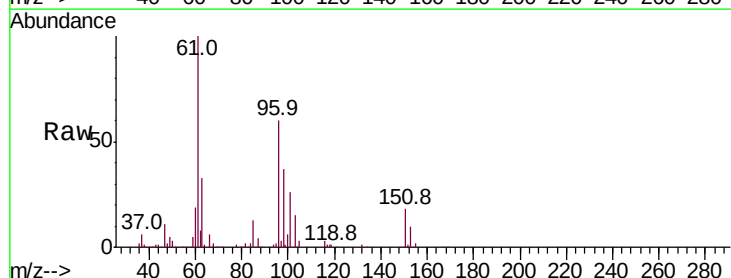
Tot Ion: 59 Resp: 187115
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.4 12.6

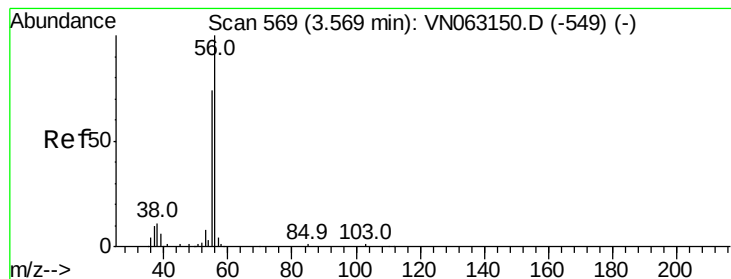


#12

1,1-Dichloroethene
 Concen: 47.050 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Tgt Ion: 96 Resp: 215629
 Ion Ratio Lower Upper
 96 100
 61 165.7 137.4 206.2
 98 61.8 50.5 75.7





#13

Acrolein

Concen: 258.334 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

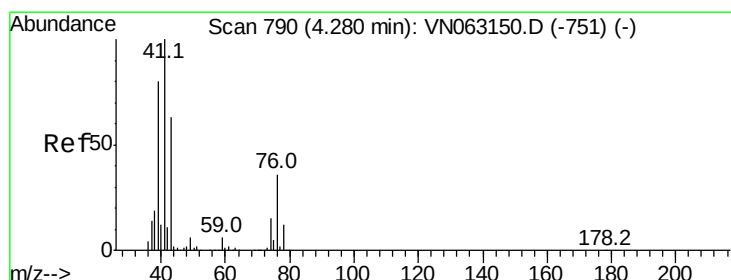
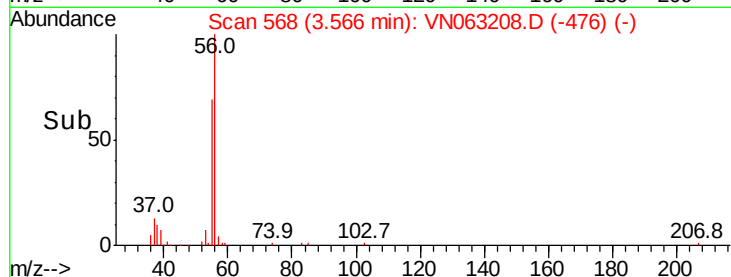
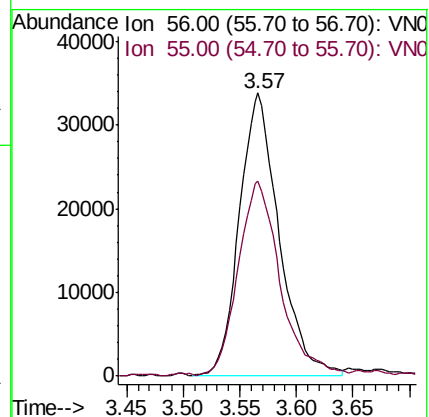
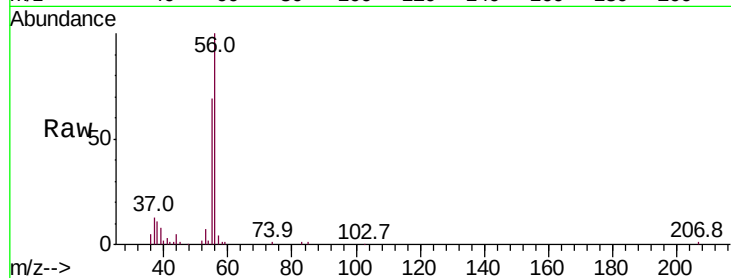
VSTDCCC050

Tot Ion: 56 Resp: 82616

Ion Ratio Lower Upper

56 100

55 73.1 55.4 83.0



#14

Allyl chloride

Concen: 48.527 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

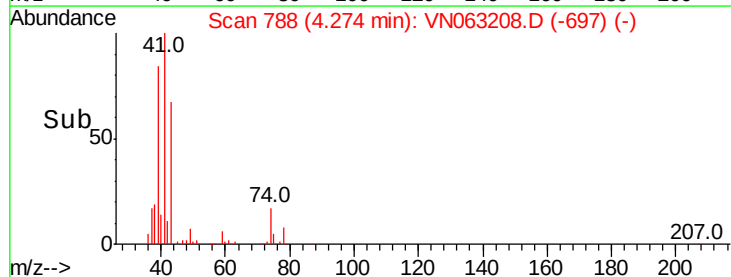
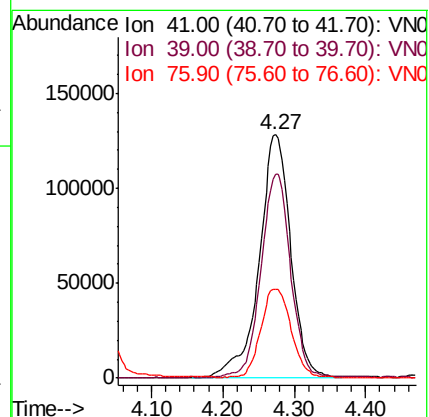
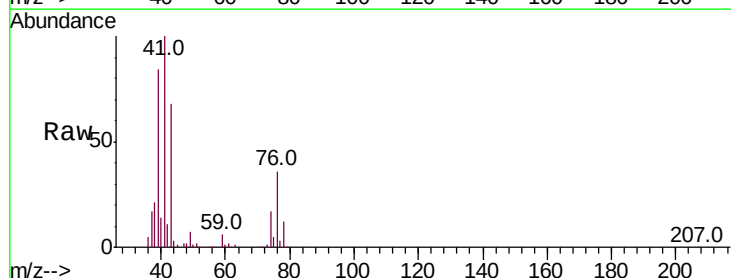
Tgt Ion: 41 Resp: 394976

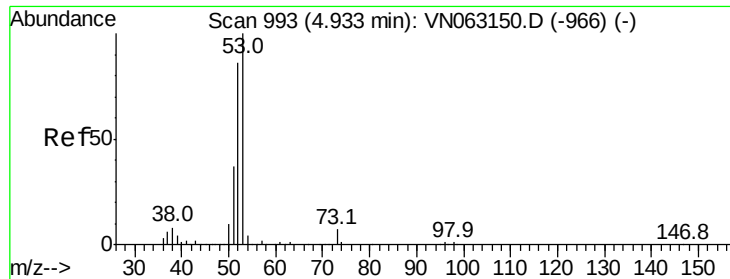
Ion Ratio Lower Upper

41 100

39 78.2 60.2 90.2

76 35.5 27.7 41.5



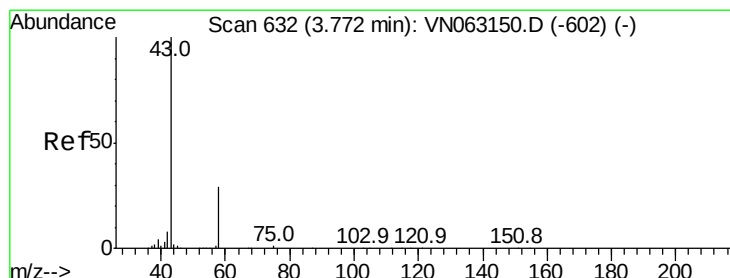
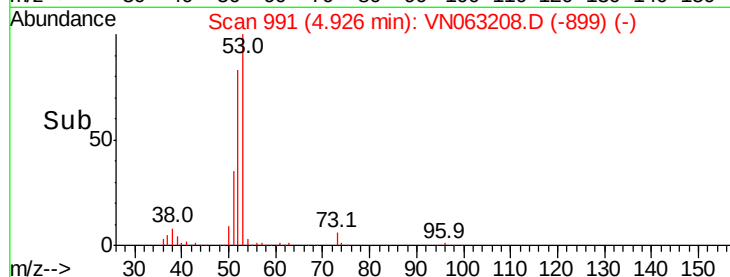
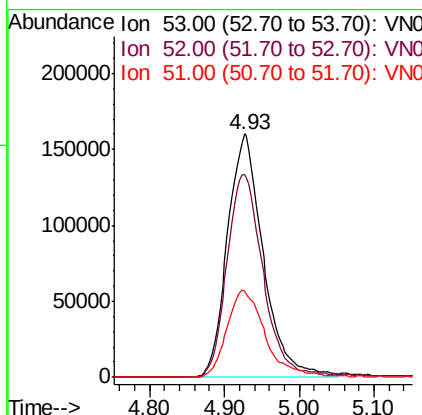
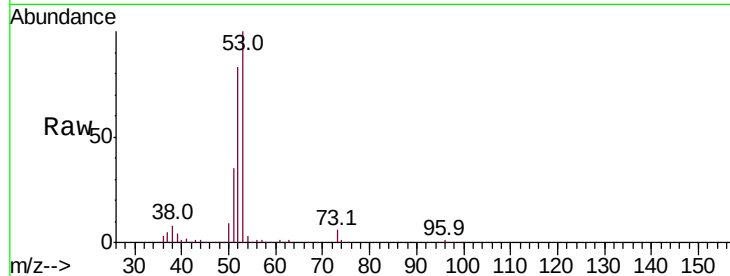


#15
 Acrylonitrile
 Concen: 227.430 ug/l
 RT: 4.93 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 53 Resp: 533454

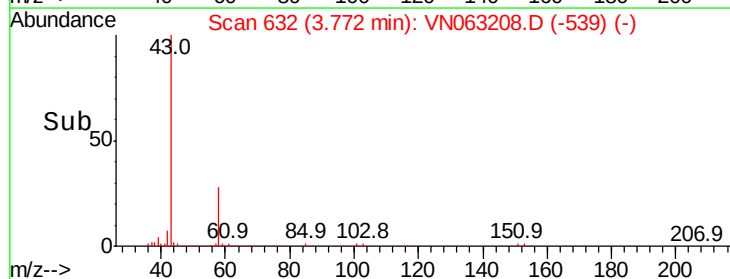
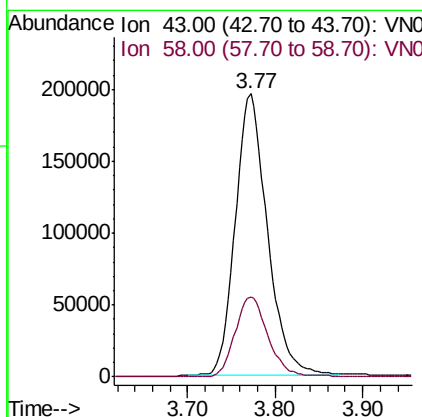
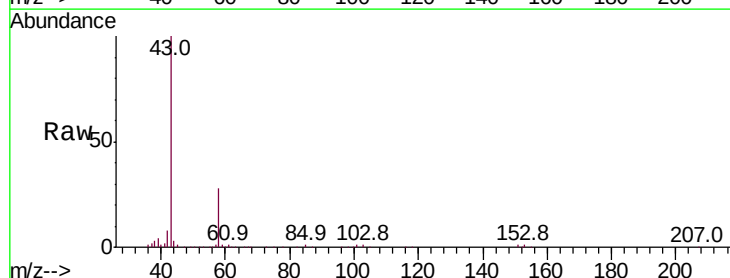
Ion	Ratio	Lower	Upper
53	100		
52	84.2	67.2	100.8
51	38.4	30.2	45.4

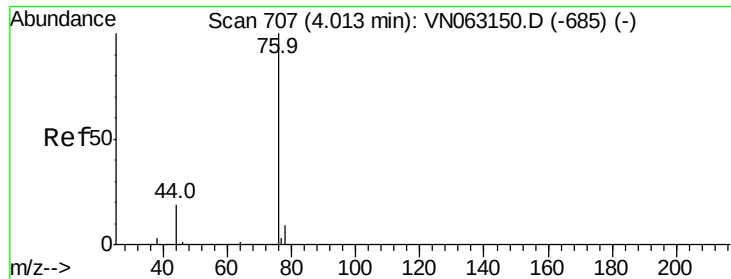


#16
 Acetone
 Concen: 258.162 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Tgt Ion: 43 Resp: 501120

Ion	Ratio	Lower	Upper
43	100		
58	28.0	23.1	34.7

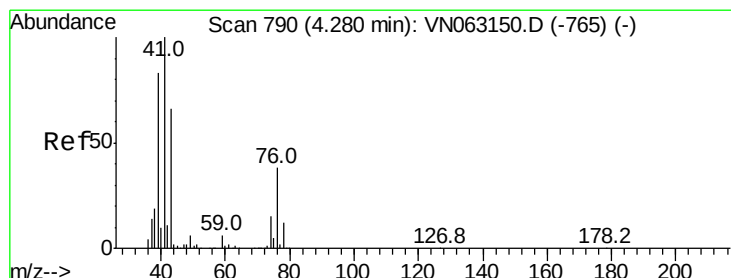
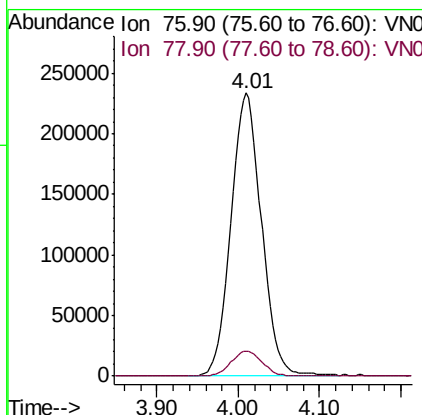
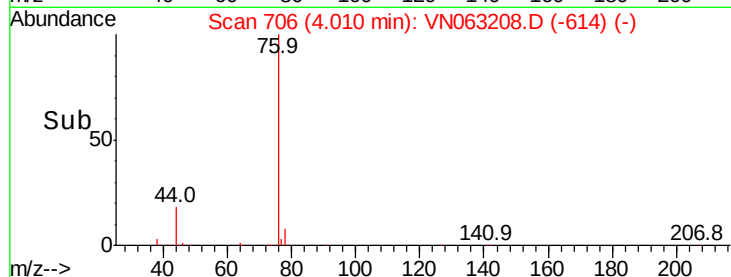
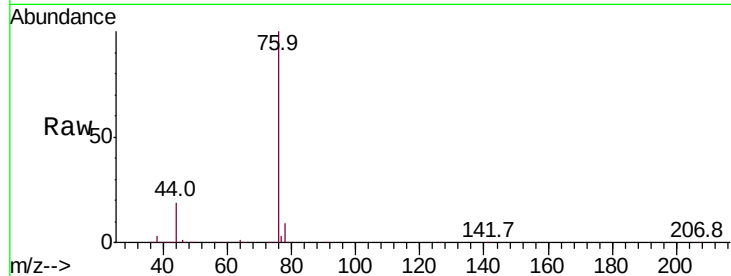




#17
Carbon Disulfide
Concen: 44.725 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

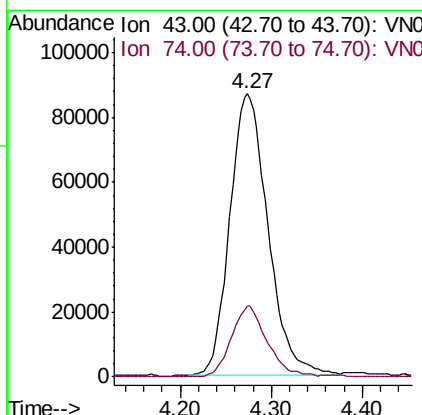
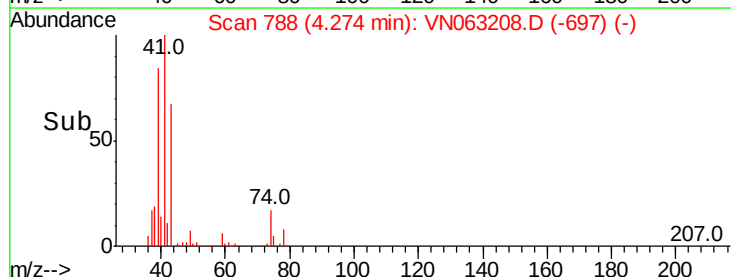
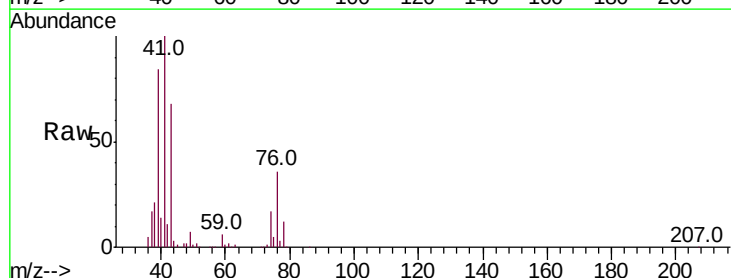
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

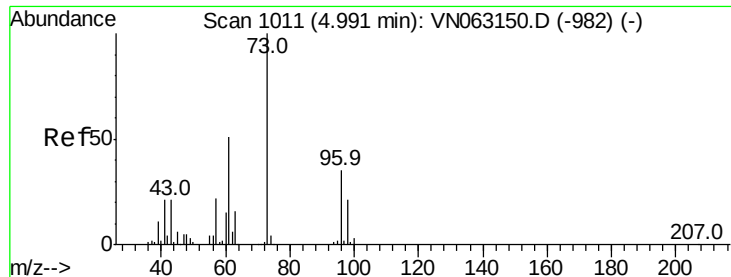
Tot Ion: 76 Resp: 610084
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 50.840 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion: 43 Resp: 253038
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.6

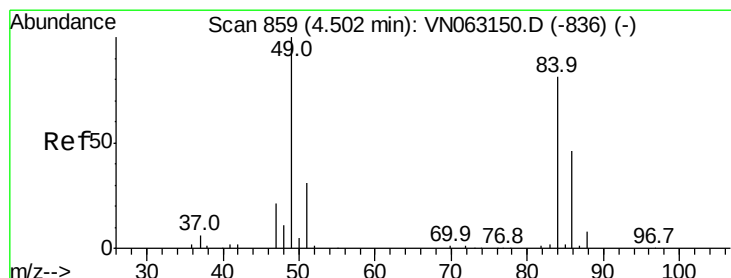
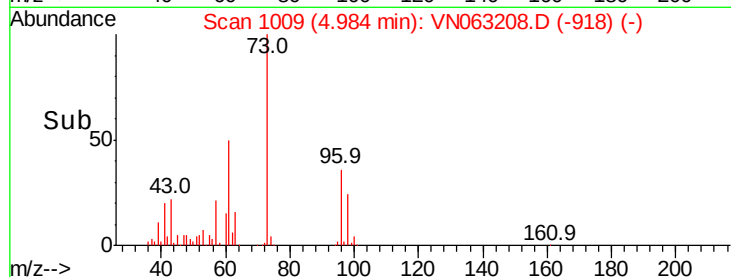
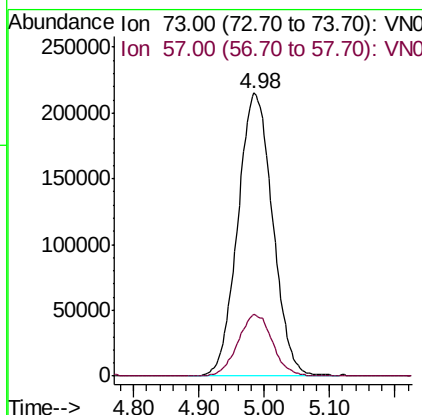
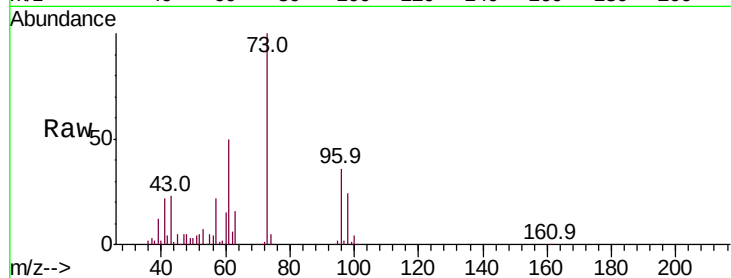




#19
Methyl tert-butyl Ether
Concen: 47.000 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

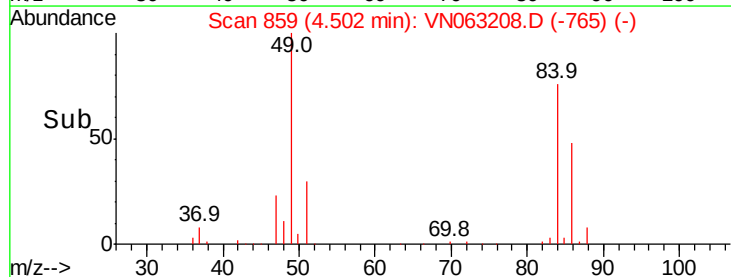
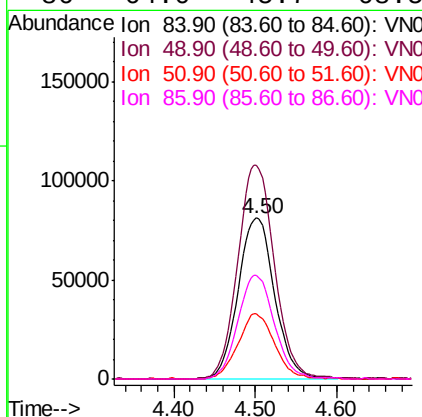
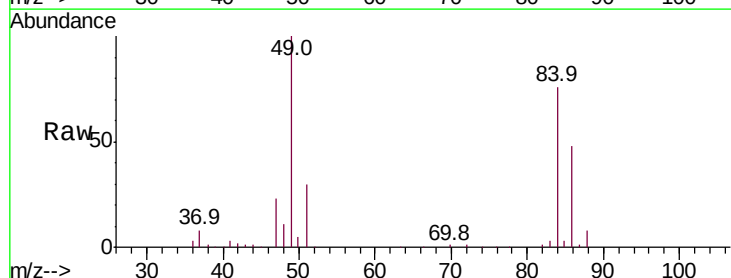
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

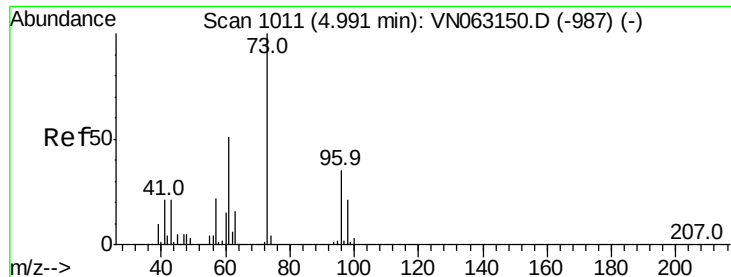
Tot Ion: 73 Resp: 799059
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4



#20
Methylene Chloride
Concen: 46.105 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion: 84 Resp: 251855
Ion Ratio Lower Upper
84 100
49 132.4 98.4 147.6
51 40.1 30.4 45.6
86 64.0 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 48.116 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

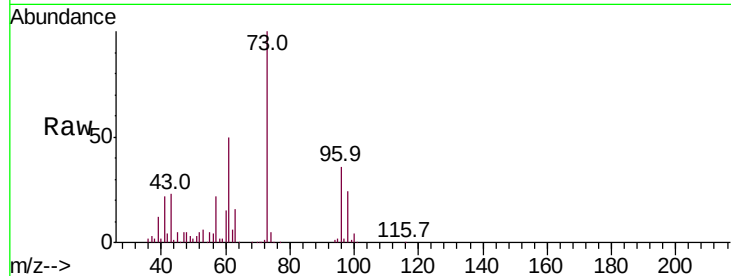
Tot Ion: 96 Resp: 243623

Ion Ratio Lower Upper

96 100

61 137.0 116.2 174.4

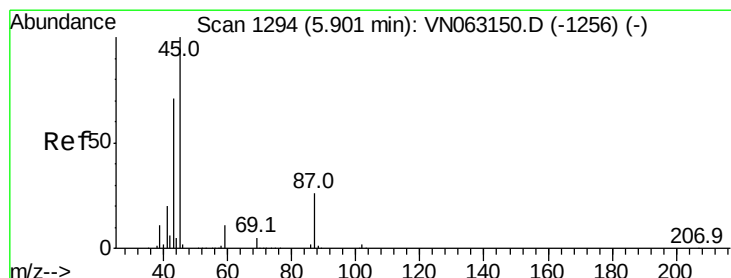
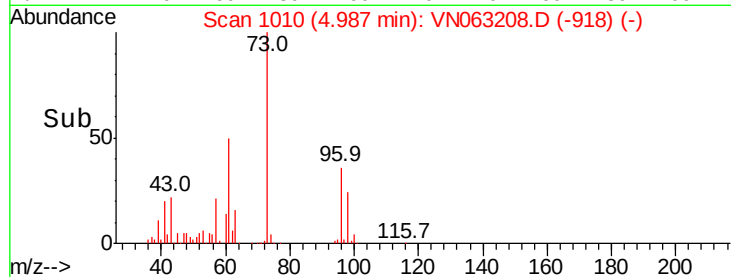
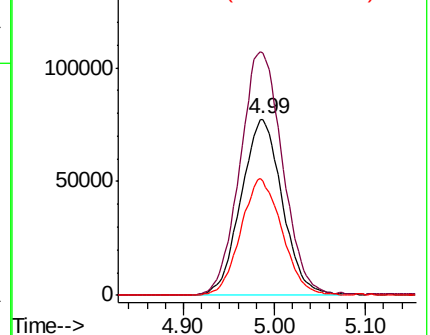
98 64.7 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN063150.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN063150.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN063150.D (-987) (-)



#22

Diisopropyl ether

Concen: 47.239 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Tgt Ion: 45 Resp: 861628

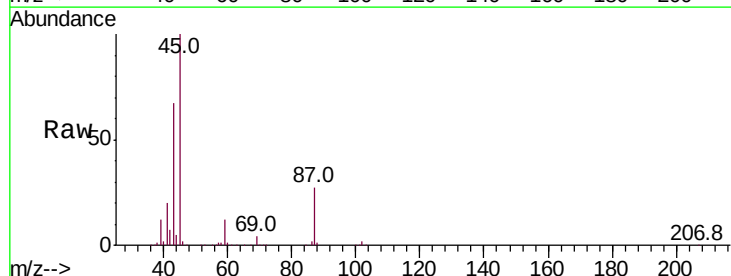
Ion Ratio Lower Upper

45 100

43 66.0 56.8 85.2

87 27.1 21.1 31.7

59 11.5 8.9 13.3

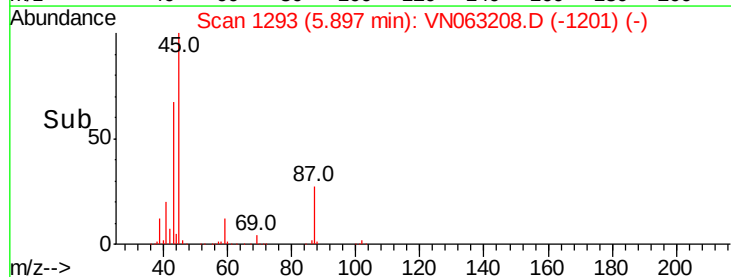
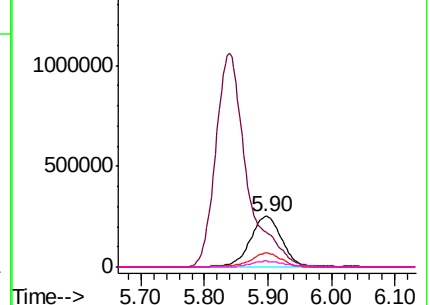


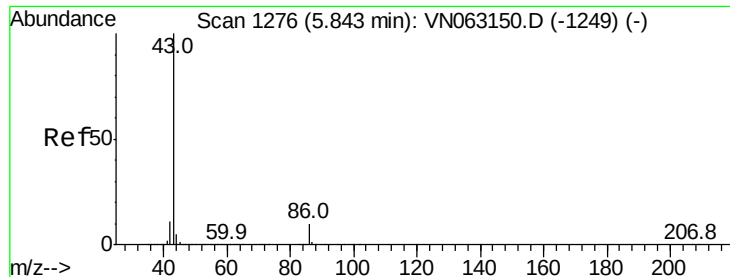
Abundance Ion 45.00 (44.70 to 45.70): VN063150.D (-1256) (-)

Ion 43.00 (42.70 to 43.70): VN063150.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN063150.D (-1256) (-)





#23

Vinyl Acetate

Concen: 247.492 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

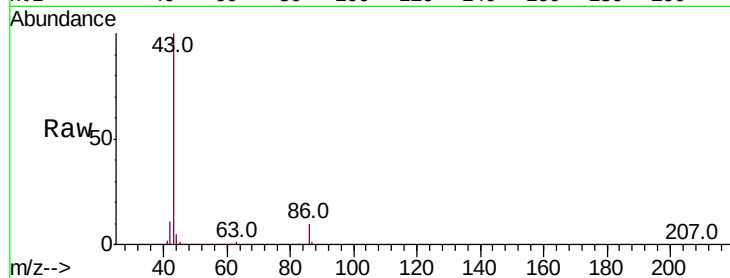
VSTDCCC050

Tot Ion: 43 Resp: 3601918

Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1249) (-)

Ion 86.00 (85.70 to 86.70): VN063150.D (-1249) (-)

1200000

1000000

800000

600000

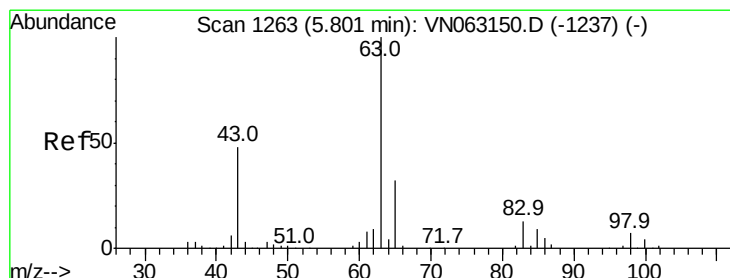
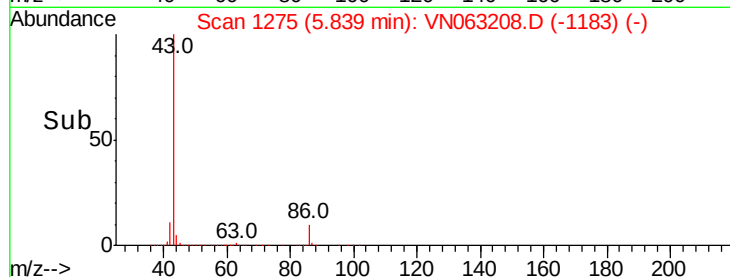
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 46.971 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

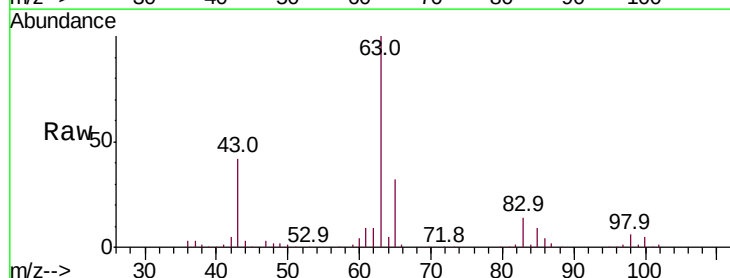
Tgt Ion: 63 Resp: 472302

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.9 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN063150.D (-1237) (-)

Ion 97.90 (97.60 to 98.60): VN063150.D (-1237) (-)

Ion 99.90 (99.60 to 100.60): VN063150.D (-1237) (-)

200000

150000

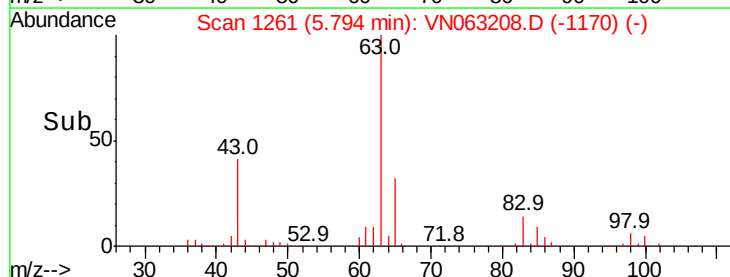
100000

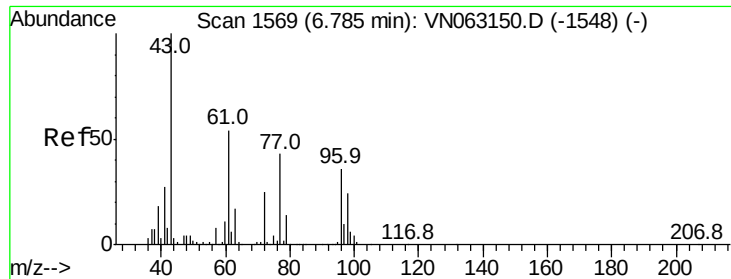
50000

0

5.70 5.80 5.90

Time-->

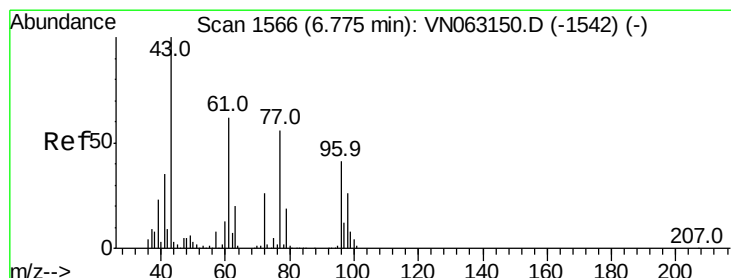
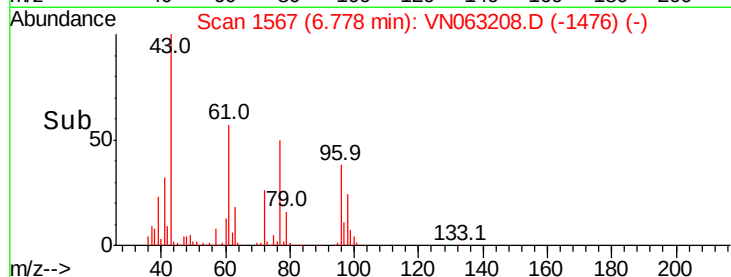
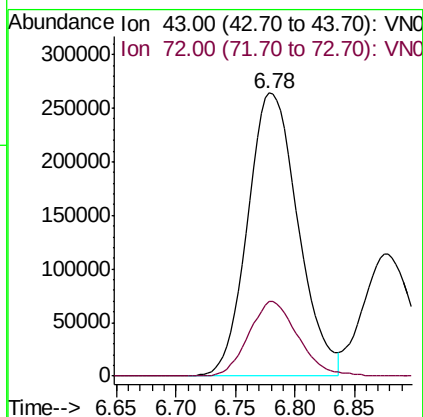
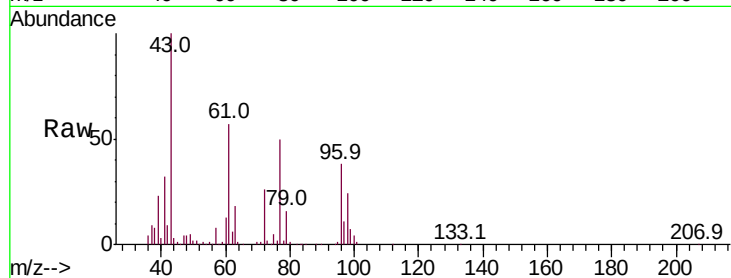




#25
2-Butanone
Concen: 256.802 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

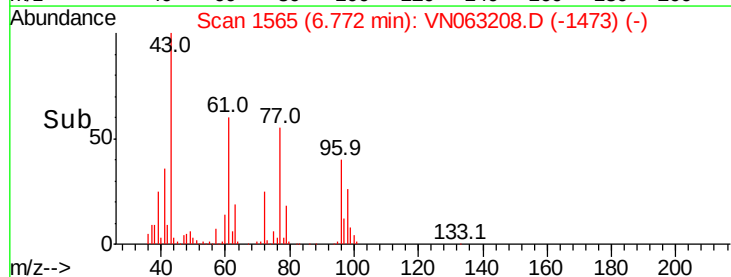
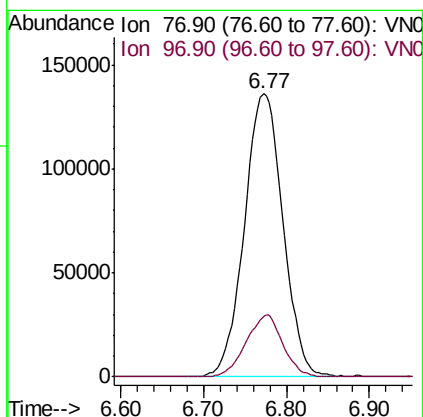
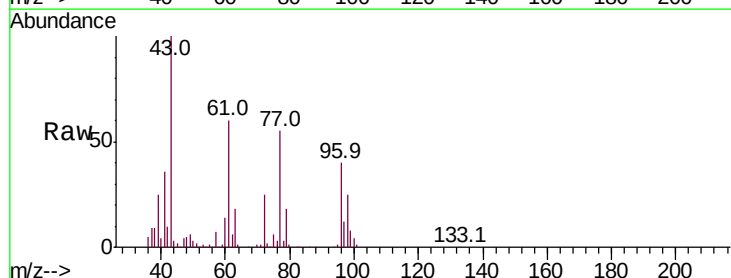
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

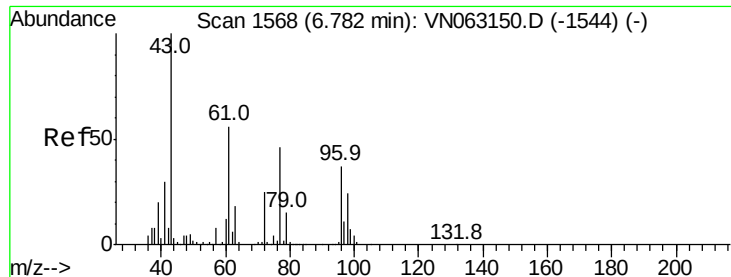
Tot Ion: 43 Resp: 771848
Ion Ratio Lower Upper
43 100
72 26.5 20.2 30.4



#26
2,2-Dichloropropane
Concen: 48.237 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion: 77 Resp: 439447
Ion Ratio Lower Upper
77 100
97 20.9 10.7 31.9

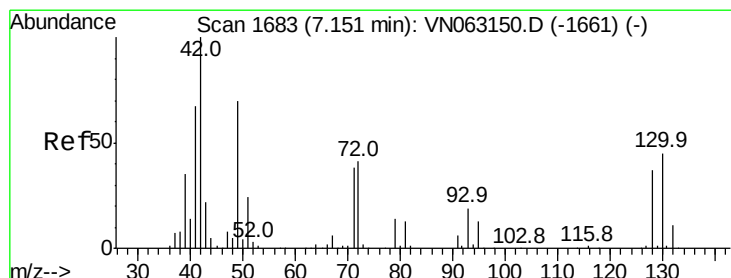
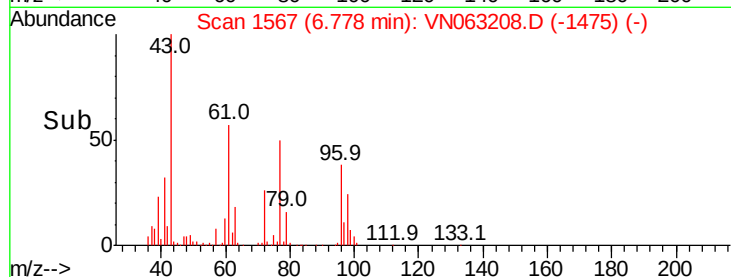
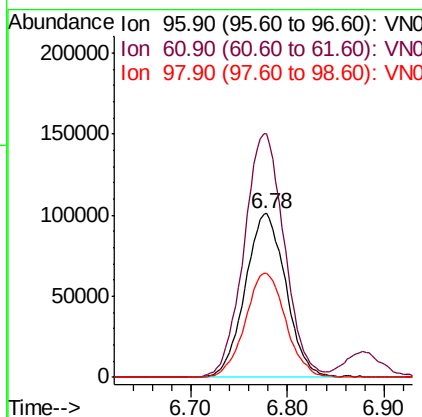
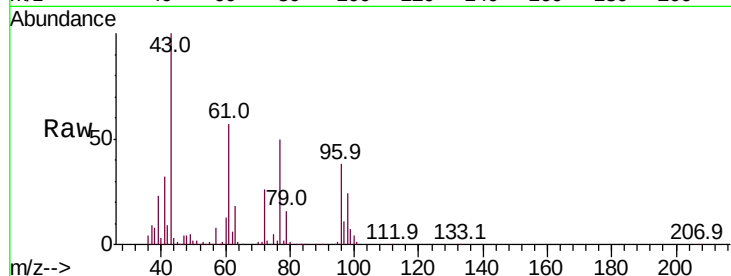




#27
 cis-1,2-Dichloroethene
 Concen: 47.856 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

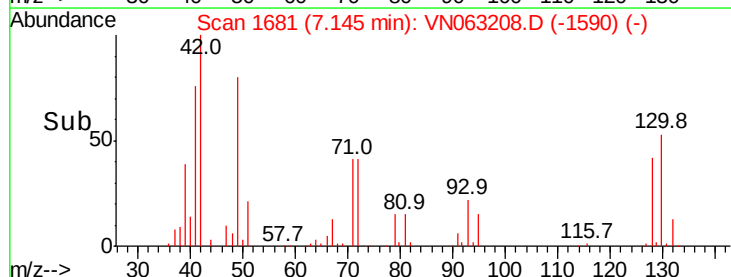
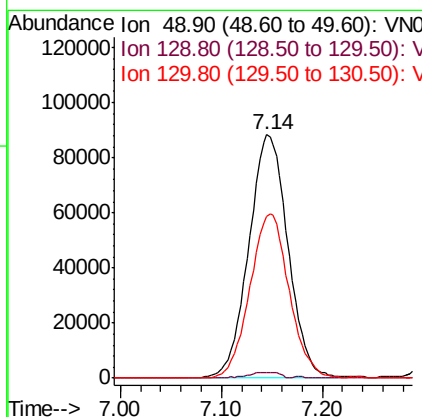
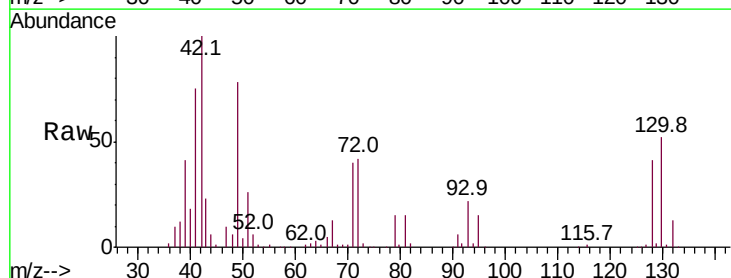
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

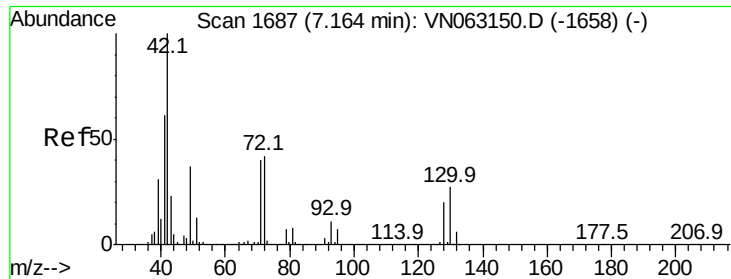
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	303.2
98	63.4	0.0	129.0



#28
 Bromochloromethane
 Concen: 45.260 ug/l
 RT: 7.14 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	67.6	54.4	81.6





#29

Tetrahydrofuran

Concen: 236.776 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

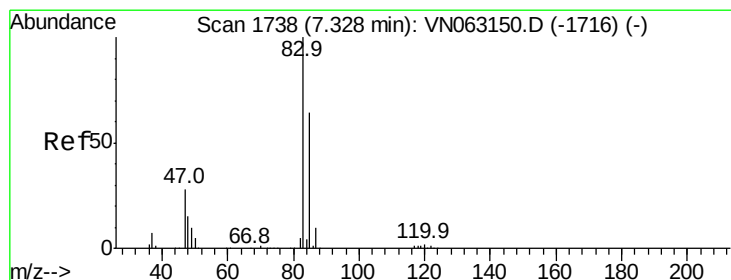
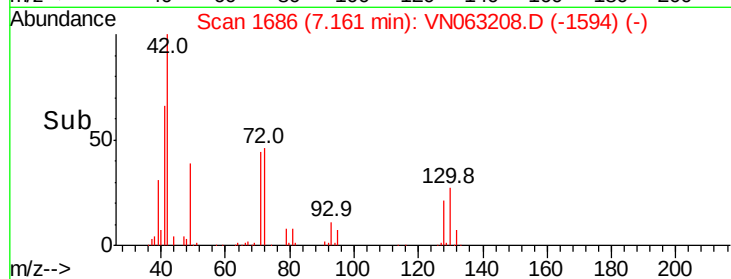
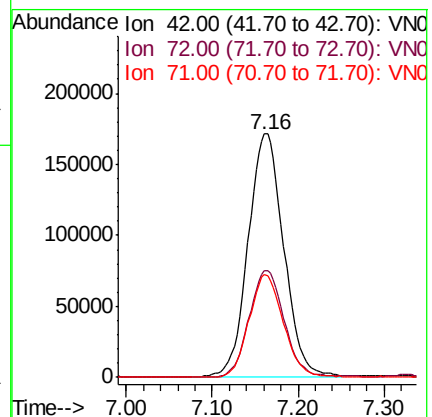
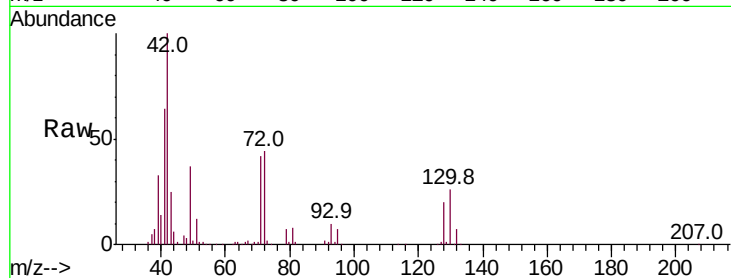
Tot Ion: 42 Resp: 492080

Ion Ratio Lower Upper

42 100

72 43.5 33.9 50.9

71 41.0 31.9 47.9



#30

Chloroform

Concen: 47.952 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN063208.D

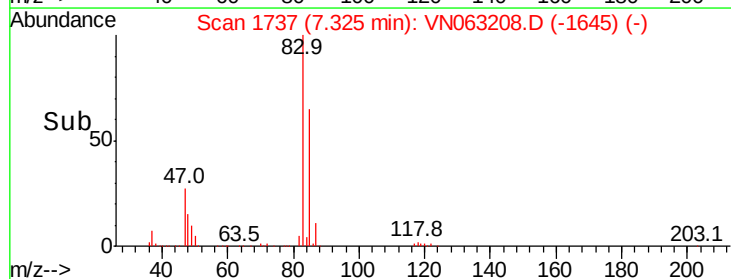
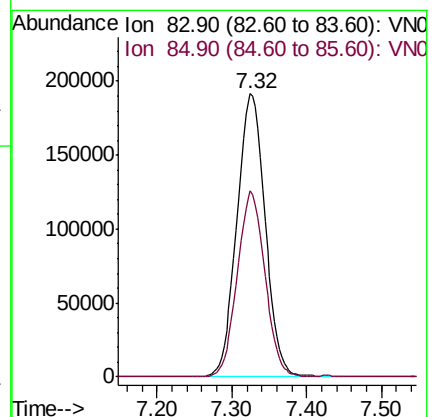
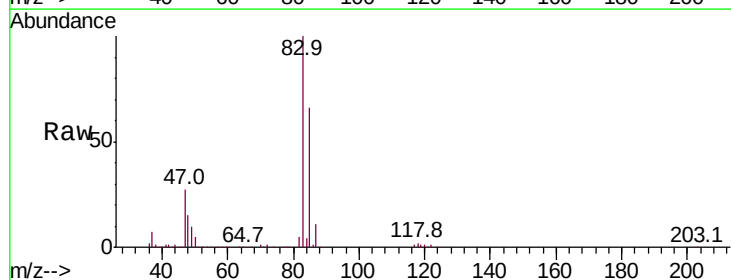
Acq: 3 Sep 2020 10:00

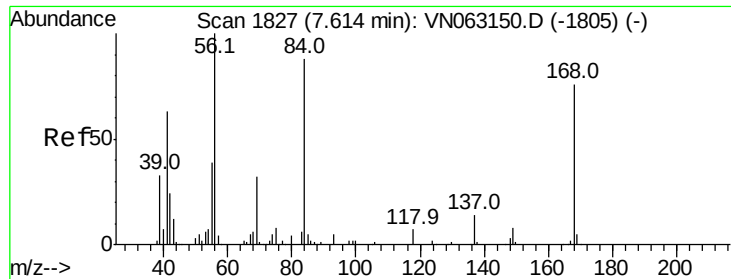
Tgt Ion: 83 Resp: 504456

Ion Ratio Lower Upper

83 100

85 65.5 51.0 76.6

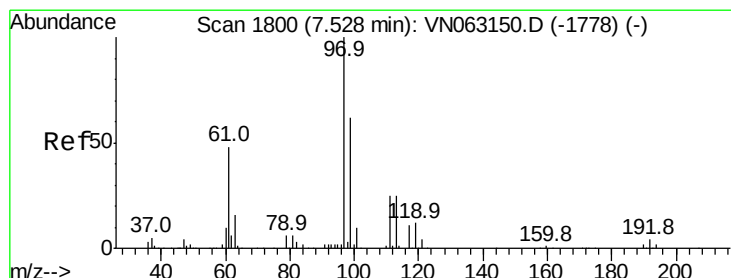
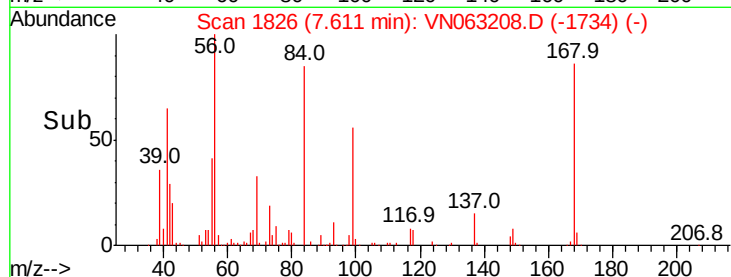
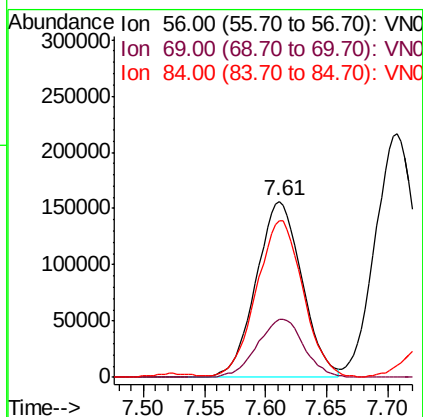
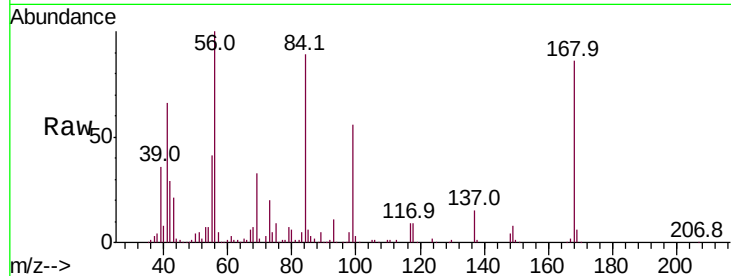




#31
Cyclohexane
Concen: 45.876 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

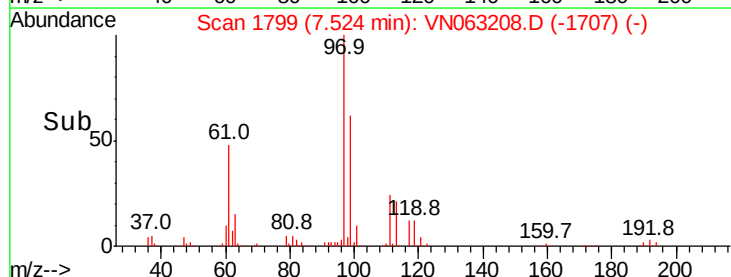
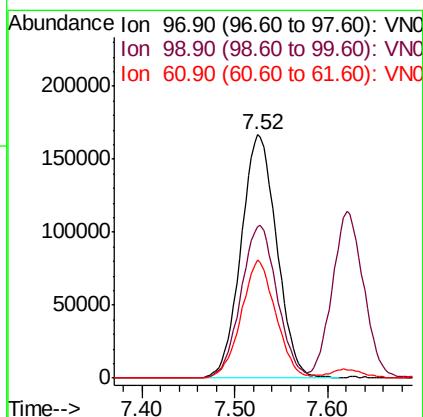
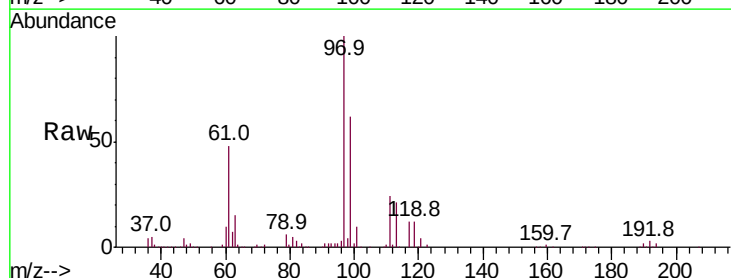
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

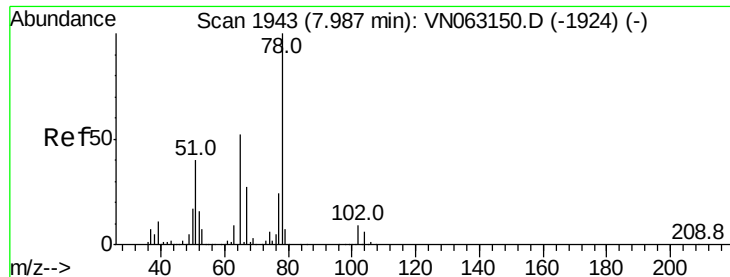
Tot Ion: 56 Resp: 407788
Ion Ratio Lower Upper
56 100
69 32.8 25.4 38.0
84 87.5 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 49.154 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion: 97 Resp: 445587
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 46.8 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 44.708 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

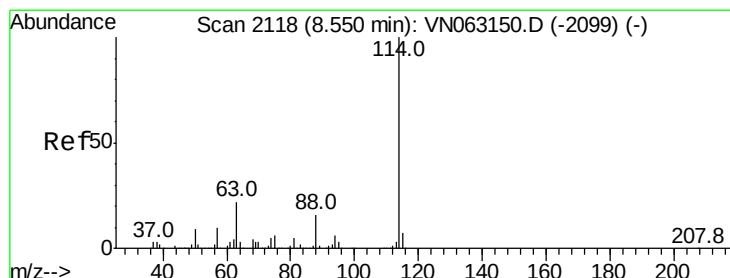
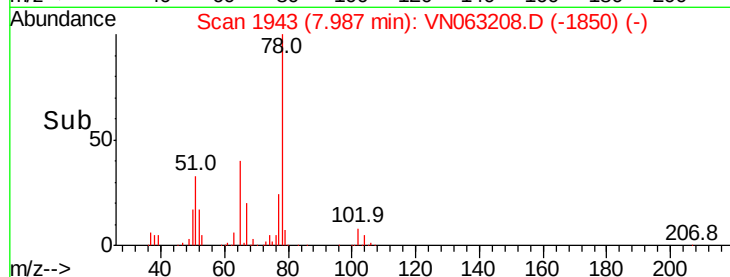
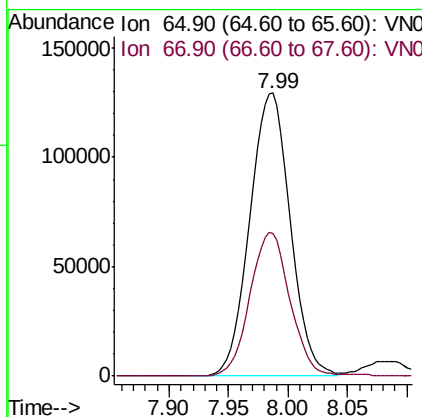
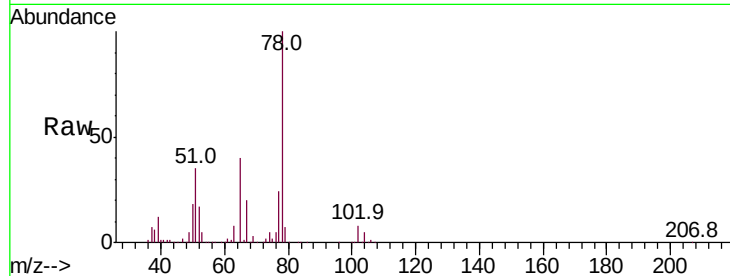
Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 65 Resp: 305284

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

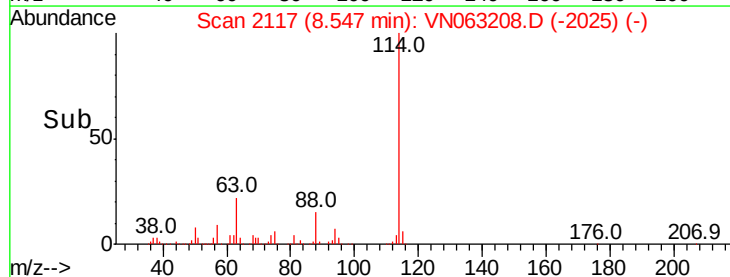
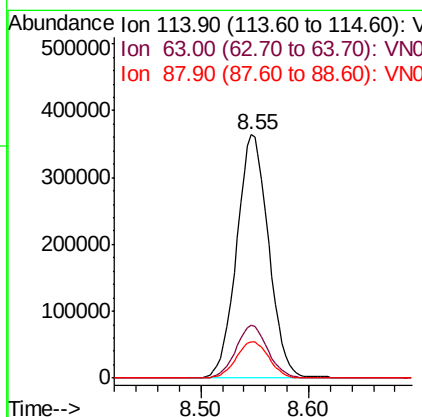
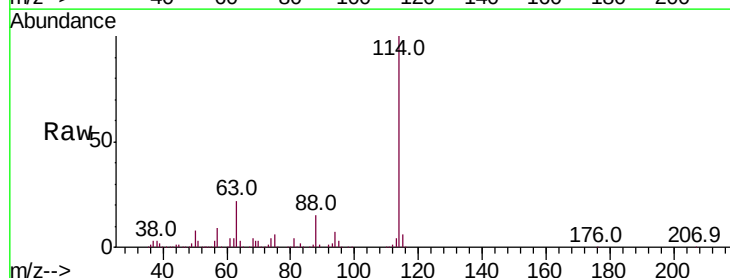
Delta R.T. -0.00 min

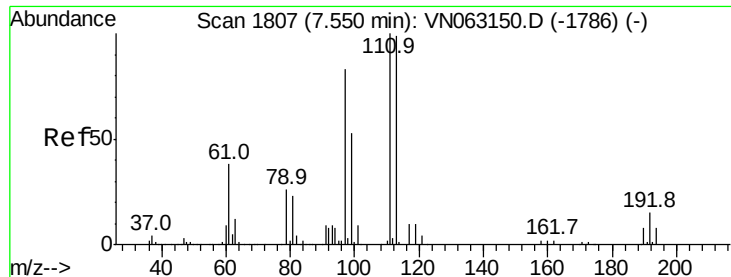
Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Tgt Ion: 114 Resp: 750618

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.0
88	14.8	0.0	31.6





#35

Dibromofluoromethane

Concen: 46.332 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

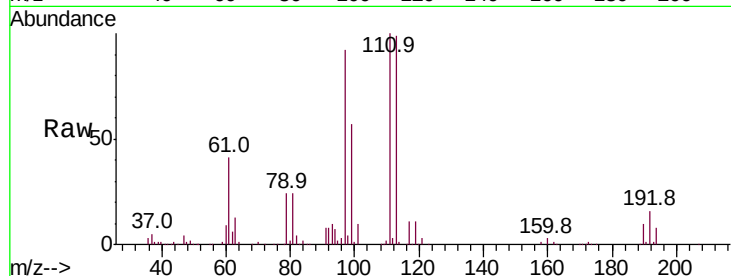
Tot Ion:113 Resp: 223118

Ion Ratio Lower Upper

113 100

111 104.3 80.7 121.1

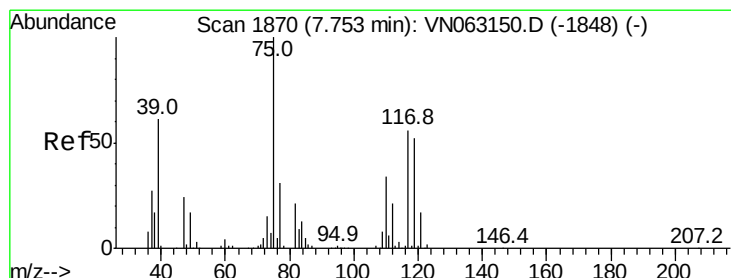
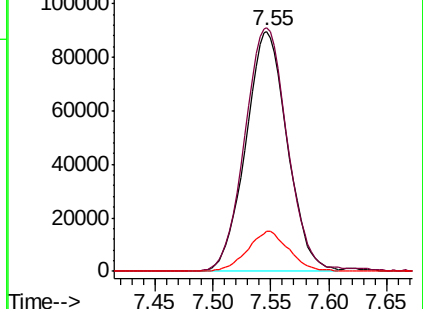
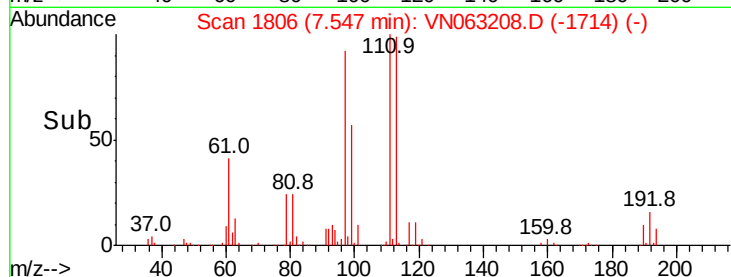
192 16.6 12.6 19.0



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: 51.456 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

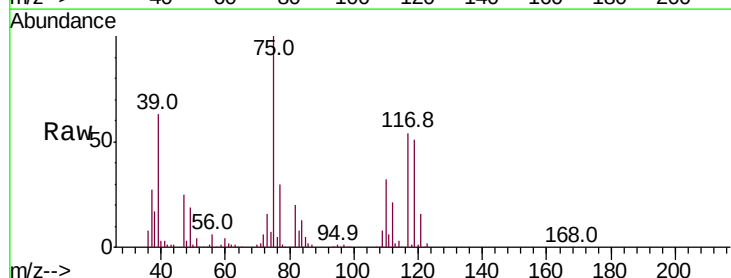
Tgt Ion: 75 Resp: 371307

Ion Ratio Lower Upper

75 100

110 33.6 16.6 49.8

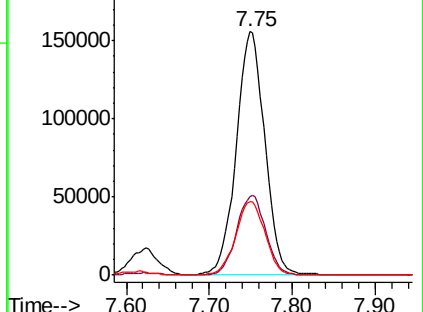
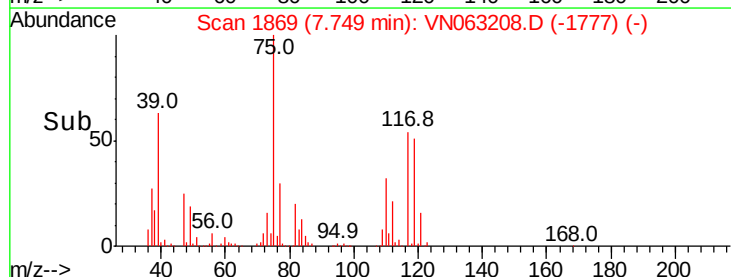
77 31.5 25.4 38.2

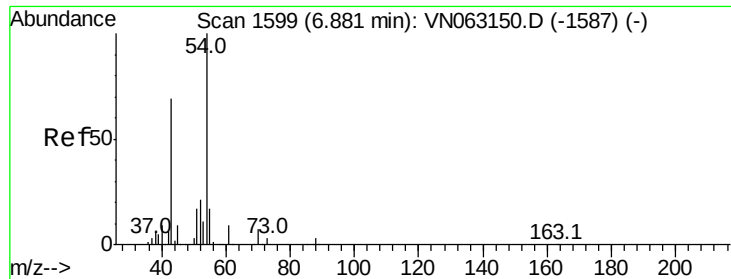


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

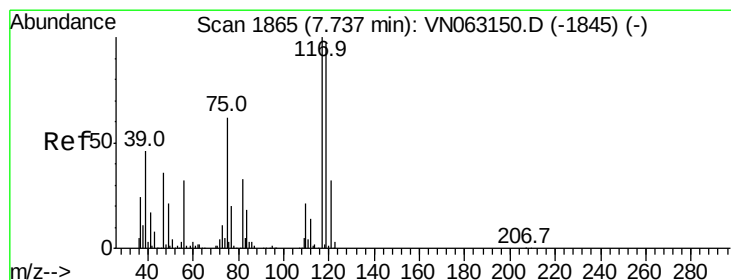
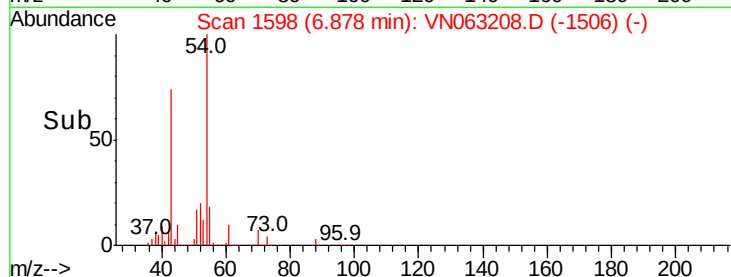
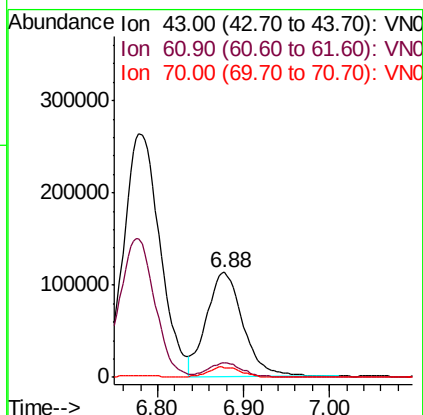
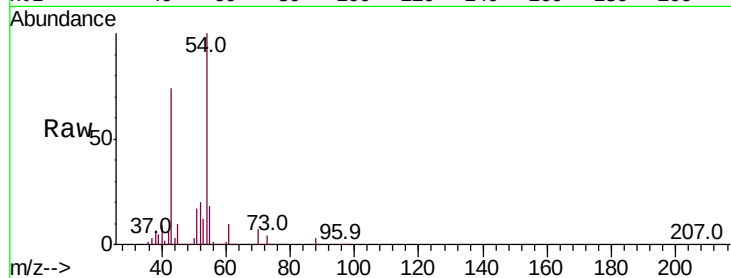




#37
Ethyl Acetate
Concen: 49.031 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

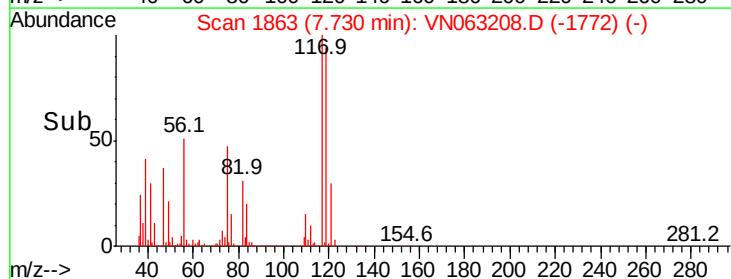
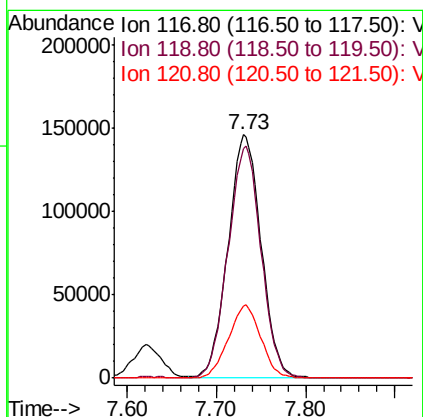
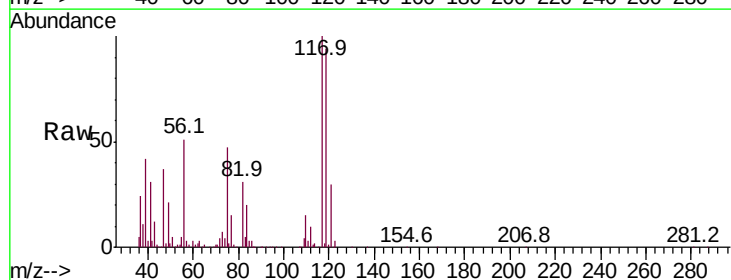
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

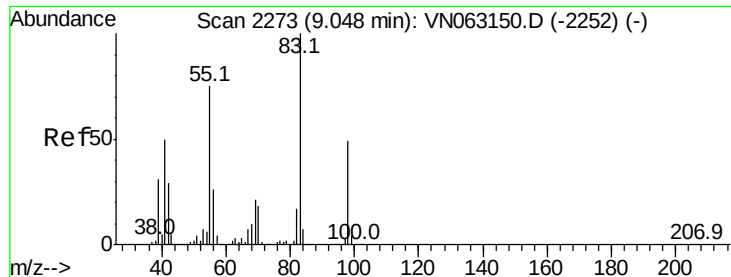
Tot Ion: 43 Resp: 334039
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.4
70 8.8 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 51.062 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion: 117 Resp: 373676
Ion Ratio Lower Upper
117 100
119 94.2 77.2 115.8
121 29.7 25.6 38.4

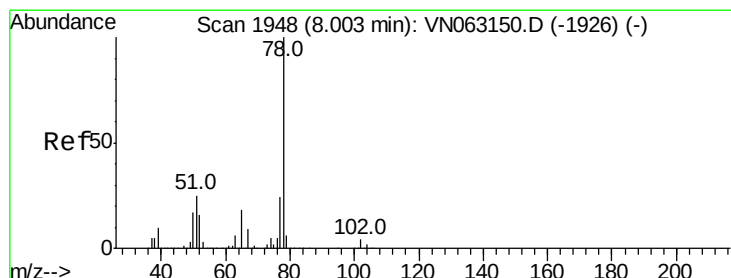
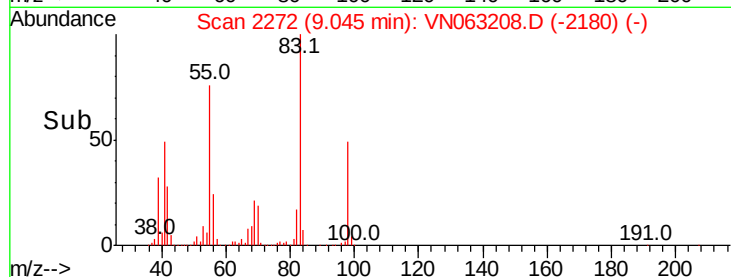
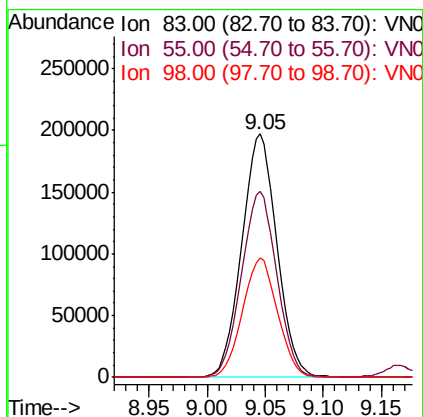
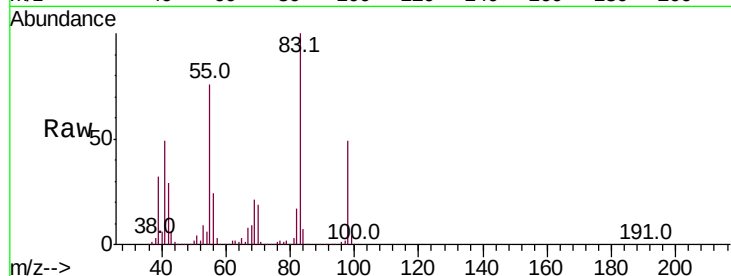




#39
Methylvlcyclohexane
Concen: 51.249 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

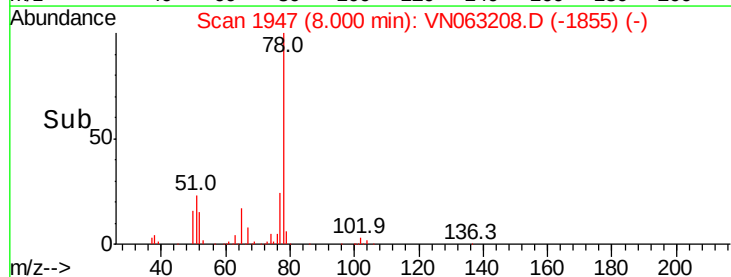
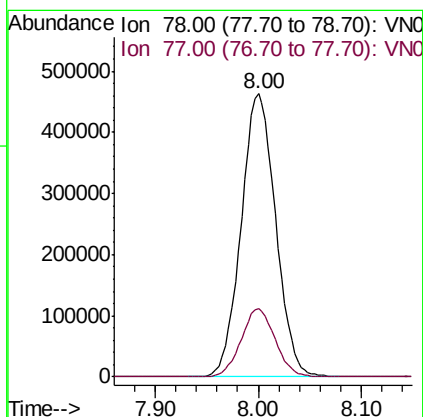
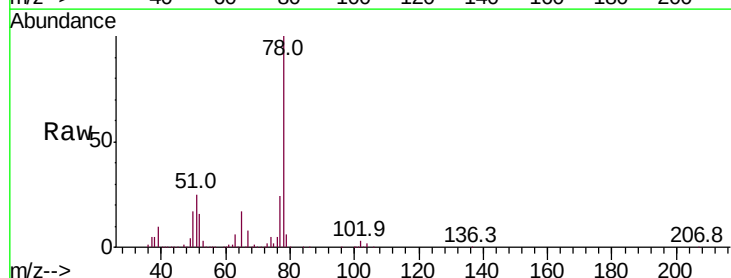
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

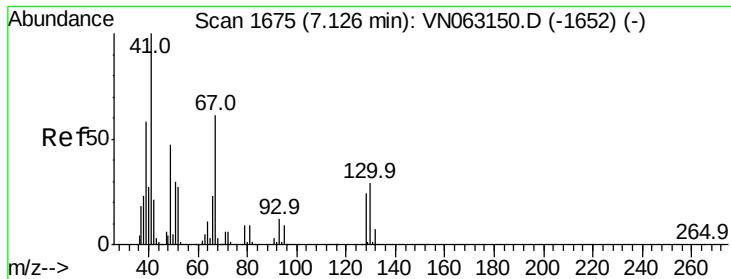
Tot Ion: 83 Resp: 415462
Ion Ratio Lower Upper
83 100
55 76.2 60.3 90.5
98 49.0 38.9 58.3



#40
Benzene
Concen: 50.880 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion: 78 Resp: 1078929
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

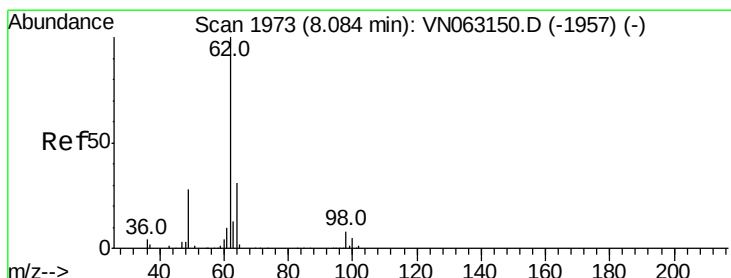
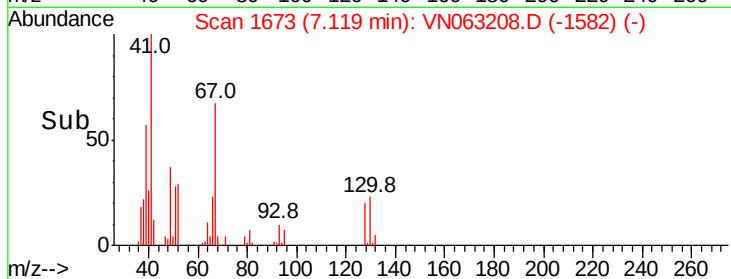
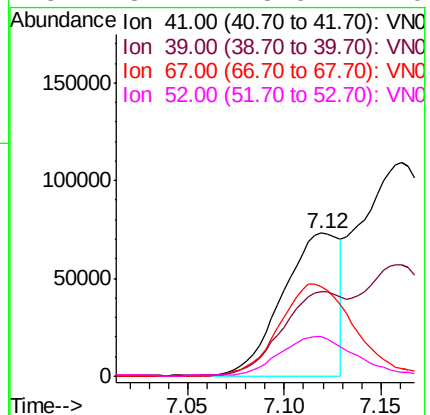
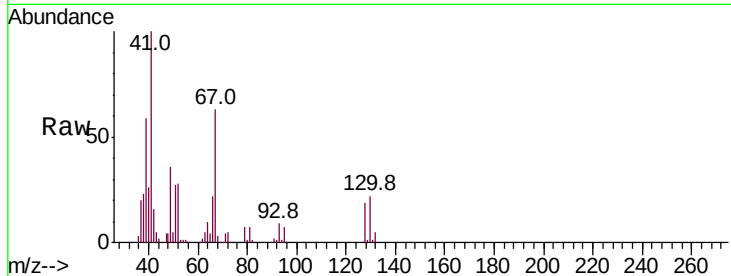




#41
Methacrylonitrile
Concen: 49.164 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

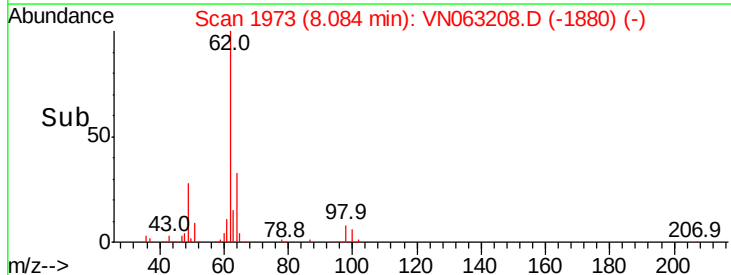
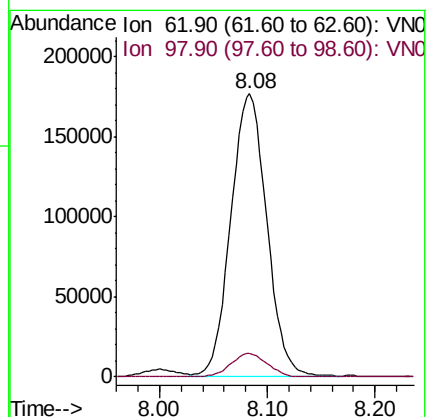
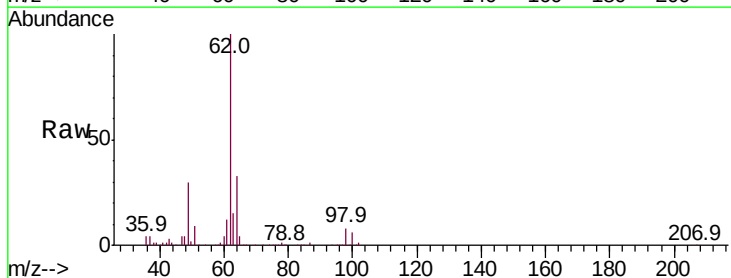
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

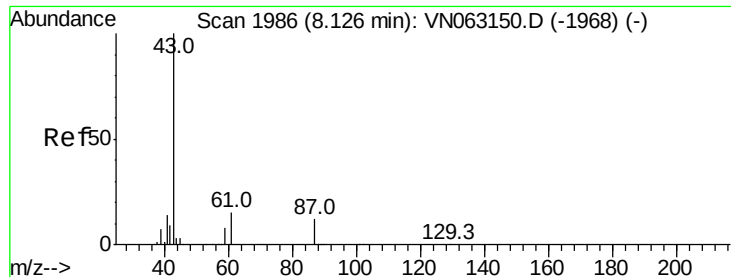
Tot Ion:	41	Resp:	149457
Ion	Ratio	Lower	Upper
41	100		
39	63.5	46.6	70.0
67	85.7	62.6	94.0
52	37.7	28.0	42.0



#42
1,2-Dichloroethane
Concen: 51.641 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion:	62	Resp:	409056
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 51.103 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

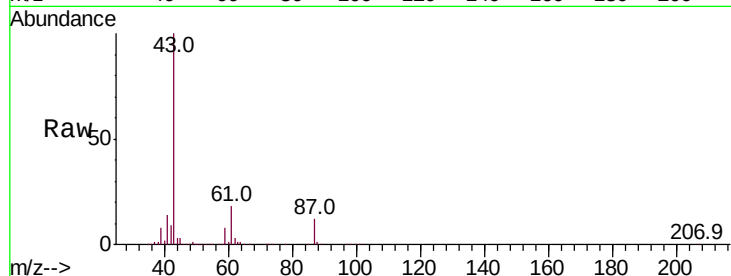
Tot Ion: 43 Resp: 601397

Ion Ratio Lower Upper

43 100

61 25.6 20.2 30.4

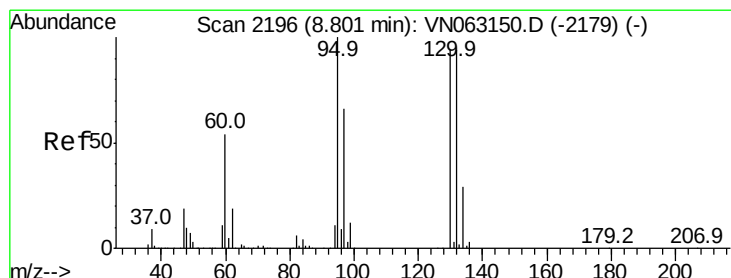
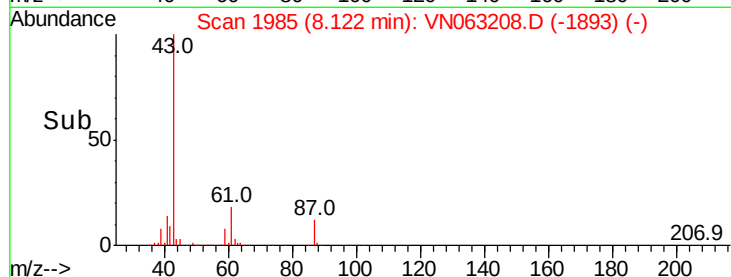
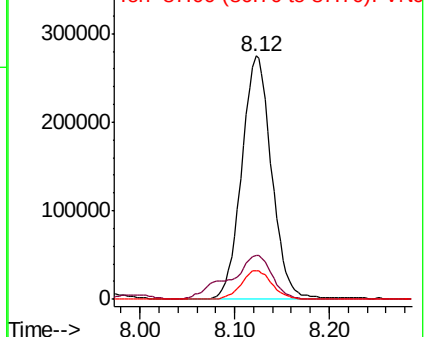
87 12.2 9.8 14.6



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: 54.375 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN063208.D

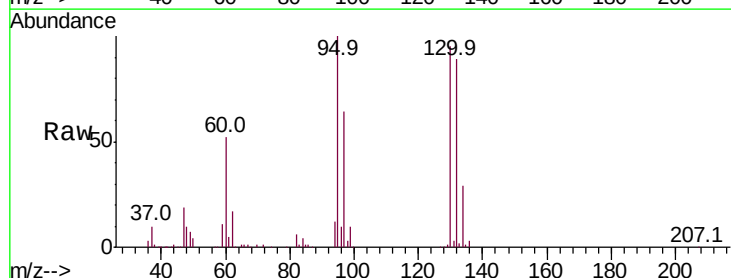
Acq: 3 Sep 2020 10:00

Tgt Ion: 130 Resp: 279680

Ion Ratio Lower Upper

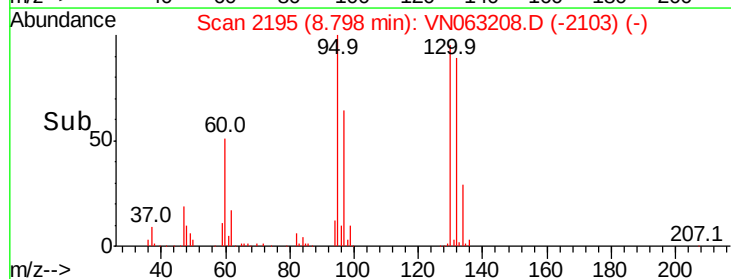
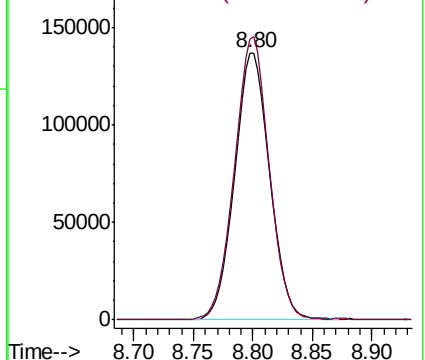
130 100

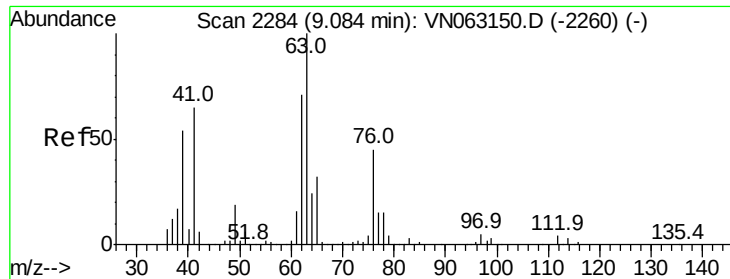
95 105.2 0.0 212.0



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: 49.646 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

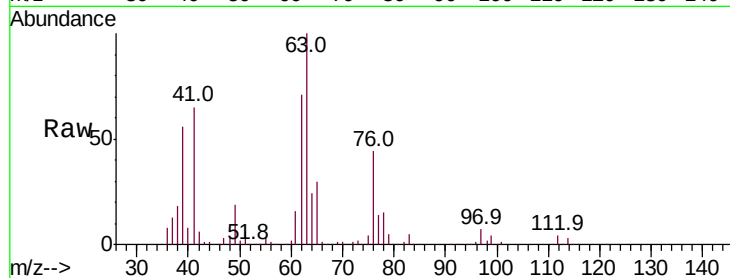
VSTDCCC050

Tot Ion: 63 Resp: 278737

Ion Ratio Lower Upper

63 100

65 29.5 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN063208.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN063208.D (-2191) (-)

9.08

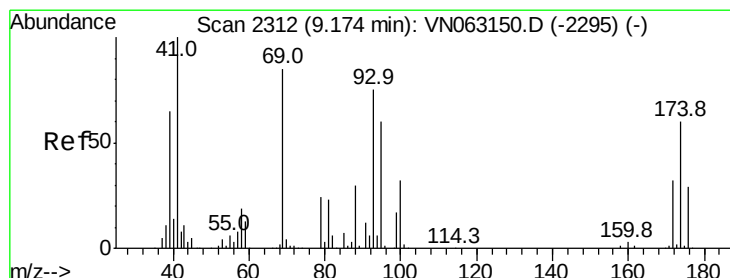
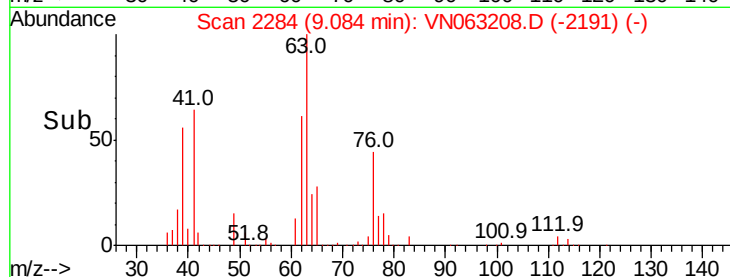
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 52.252 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

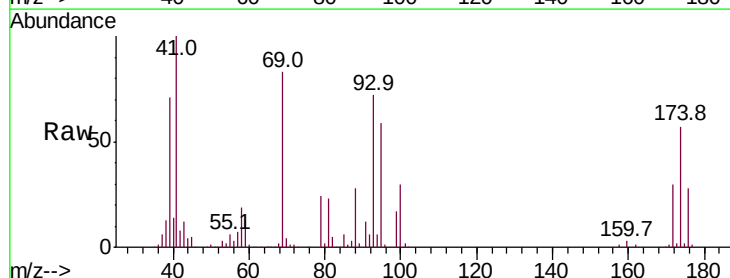
Tgt Ion: 93 Resp: 194414

Ion Ratio Lower Upper

93 100

95 81.9 65.2 97.8

174 81.8 64.6 97.0



Abundance Ion 92.80 (92.50 to 93.50): VN063208.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN063208.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN063208.D (-2219) (-)

9.17

120000

100000

80000

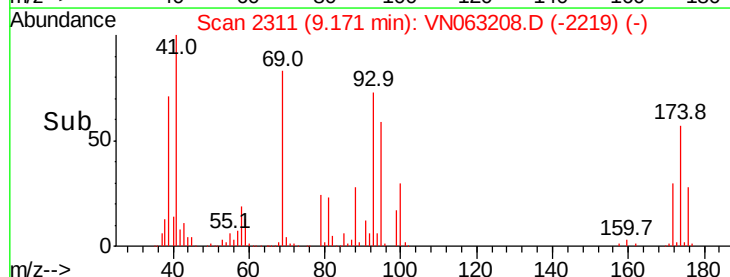
60000

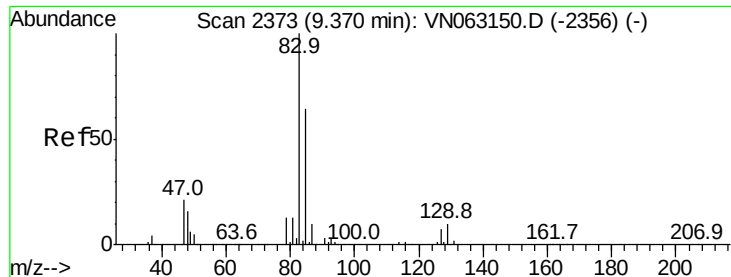
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 51.743 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

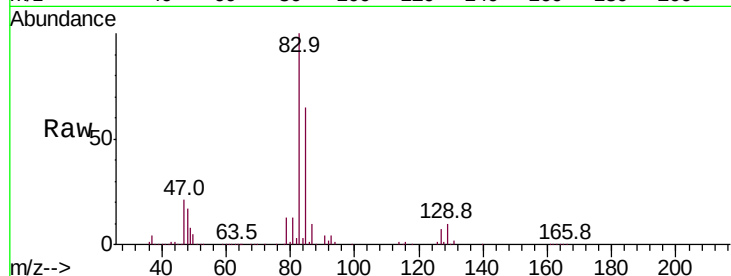
Tot Ion: 83 Resp: 412657

Ion Ratio Lower Upper

83 100

85 64.9 51.0 76.6

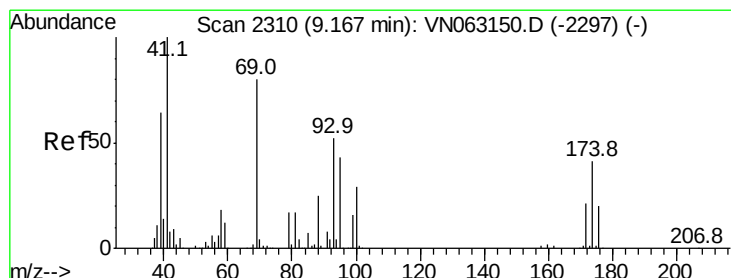
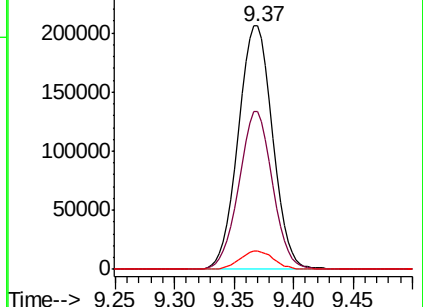
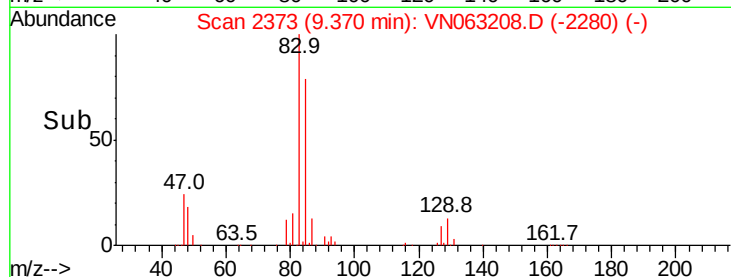
127 7.4 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063208.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063208.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063208.D (-2280) (-)



#48

Methyl methacrylate

Concen: 51.553 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

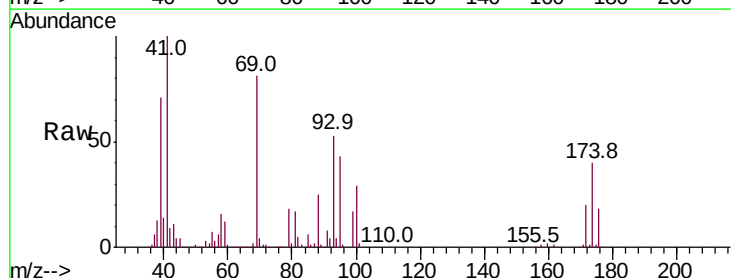
Tgt Ion: 41 Resp: 273500

Ion Ratio Lower Upper

41 100

69 84.6 65.9 98.9

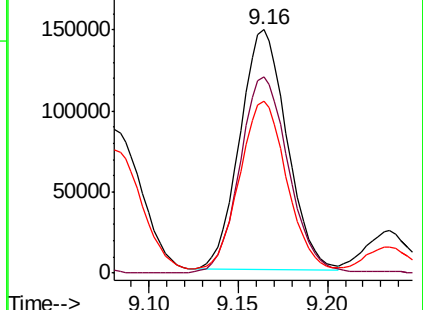
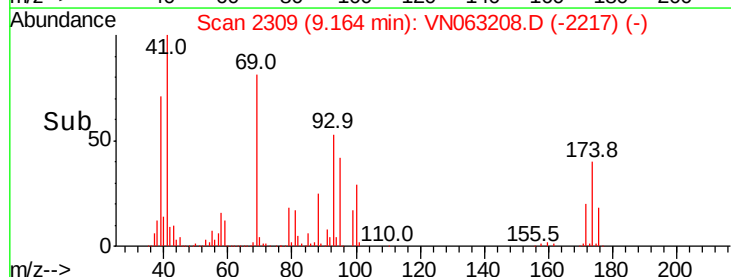
39 72.3 52.0 78.0

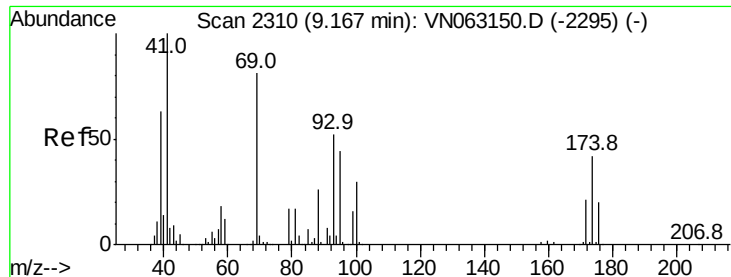


Abundance Ion 41.00 (40.70 to 41.70): VN063208.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063208.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063208.D (-2217) (-)

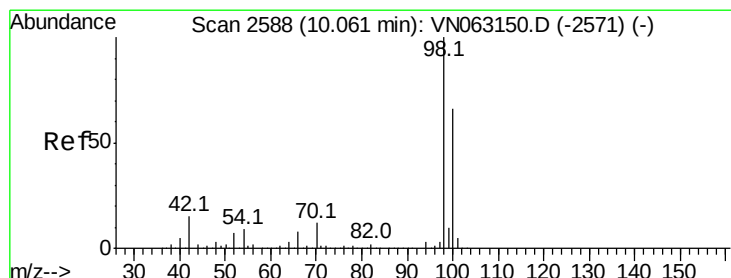
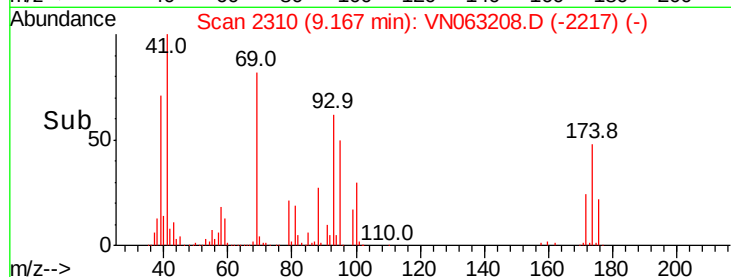
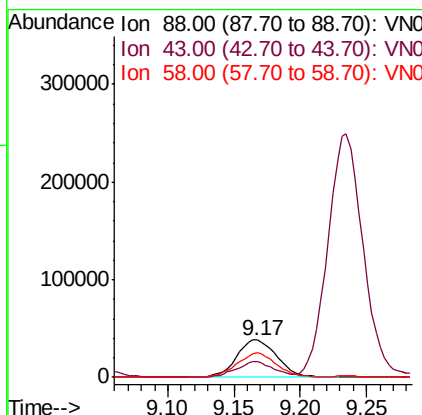
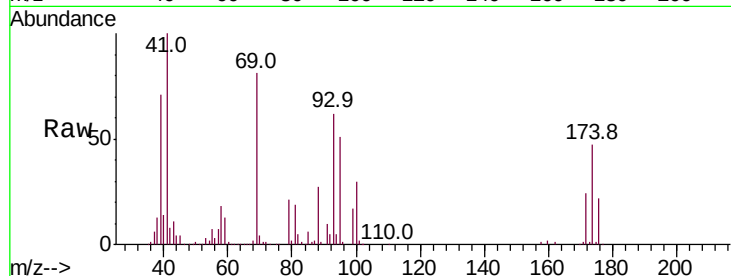




#49
1,4-Dioxane
Concen: 990.158 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

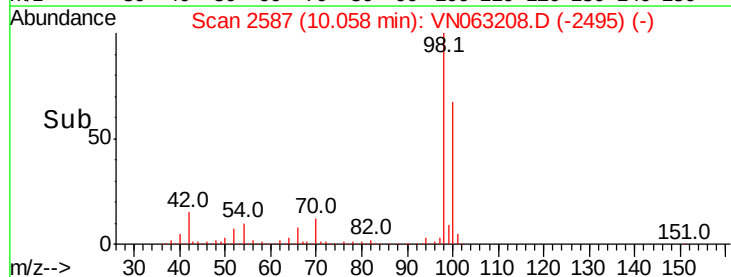
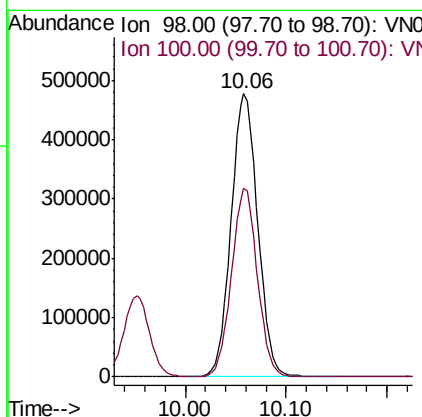
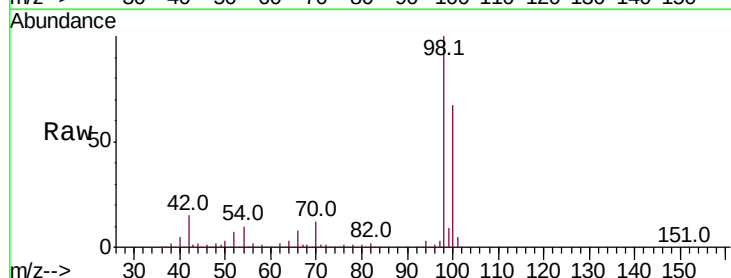
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

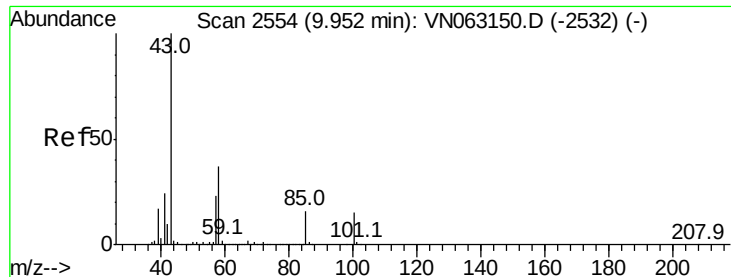
Tot Ion: 88 Resp: 81248
Ion Ratio Lower Upper
88 100
43 37.4 28.6 42.8
58 64.6 53.2 79.8



#50
Toluene-d8
Concen: 47.410 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion: 98 Resp: 878766
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 267.295 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

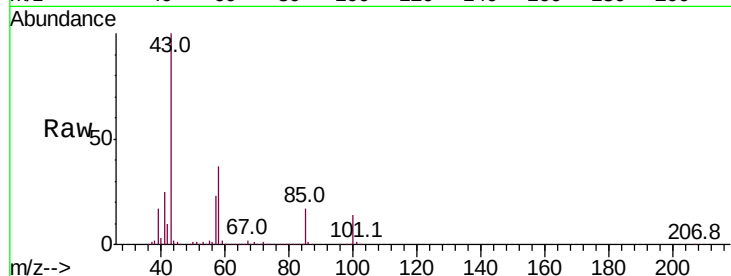
VSTDCCC050

Tot Ion: 43 Resp: 1709351

Ion Ratio Lower Upper

43 100

58 37.1 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) (-)

9.95

1000000

800000

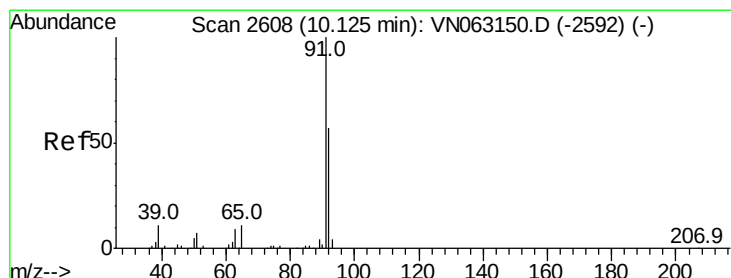
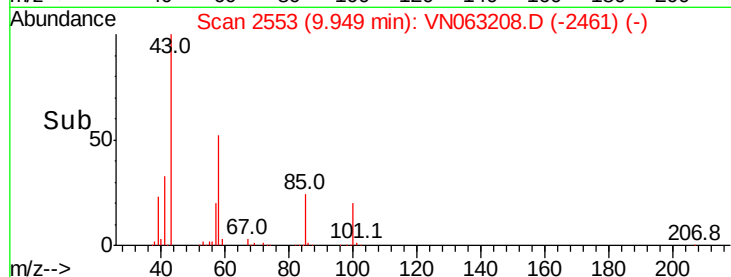
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.633 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063208.D

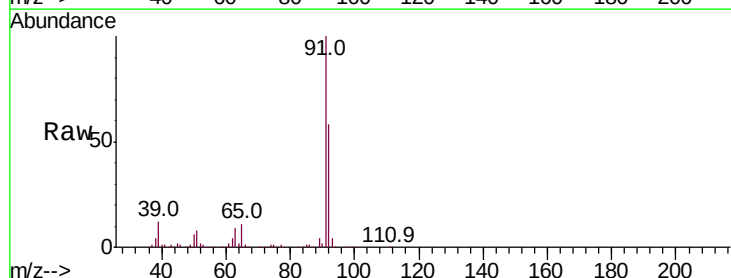
Acq: 3 Sep 2020 10:00

Tgt Ion: 92 Resp: 695256

Ion Ratio Lower Upper

92 100

91 173.3 141.2 211.8



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

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

10.12

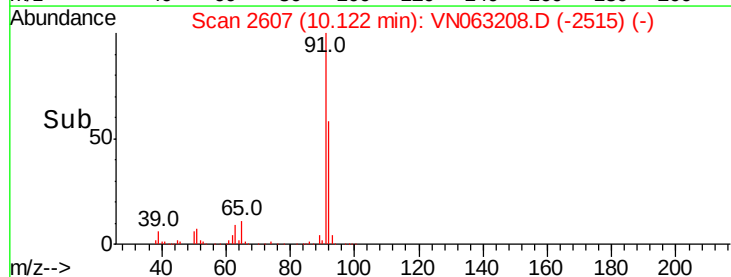
600000

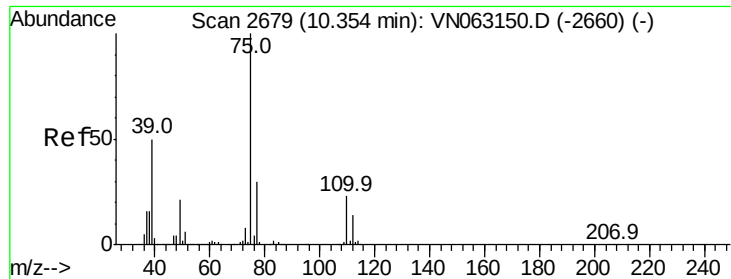
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.928 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampled :

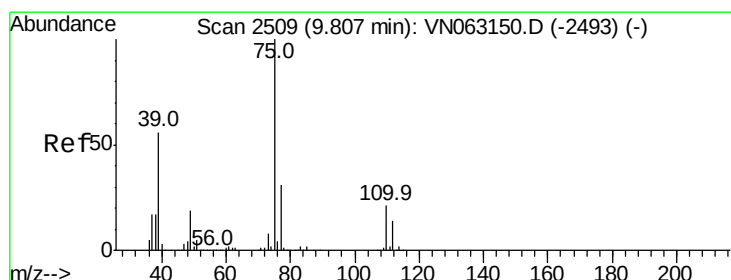
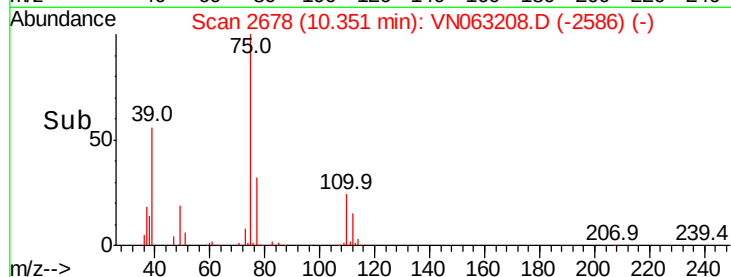
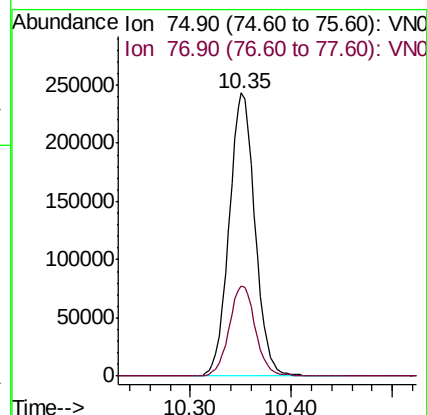
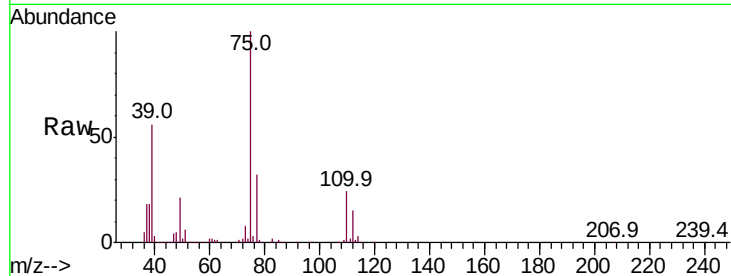
VSTDCCC050

Tot Ion: 75 Resp: 435552

Ion Ratio Lower Upper

75 100

77 31.6 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 51.226 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

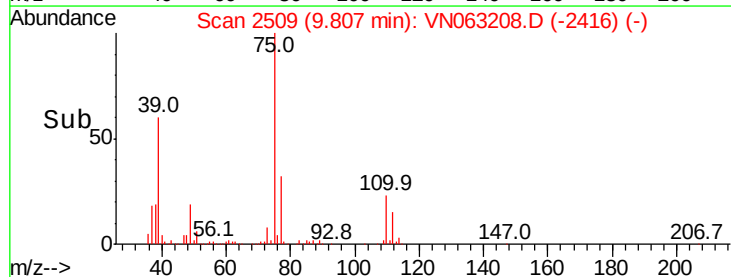
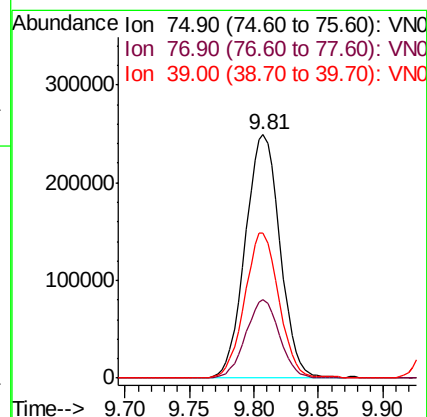
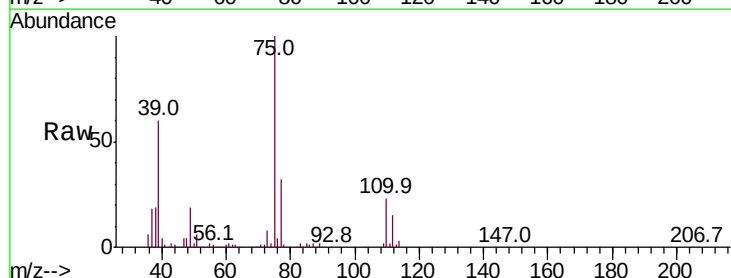
Tgt Ion: 75 Resp: 469082

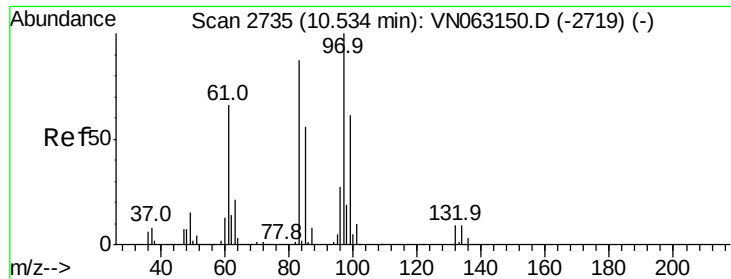
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 59.6 45.0 67.6



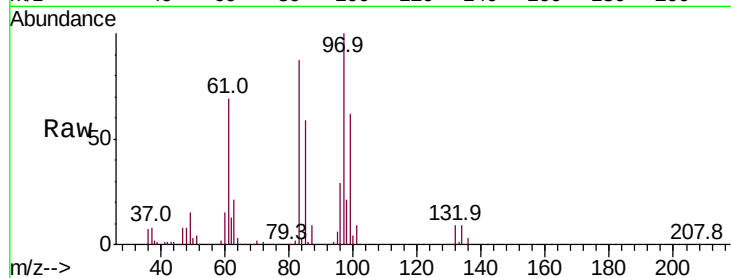


#55
 1,1,2-Trichloroethane
 Concen: 52.262 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 264388

Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.8	104.8
85	58.6	44.9	67.3
99	62.2	48.8	73.2

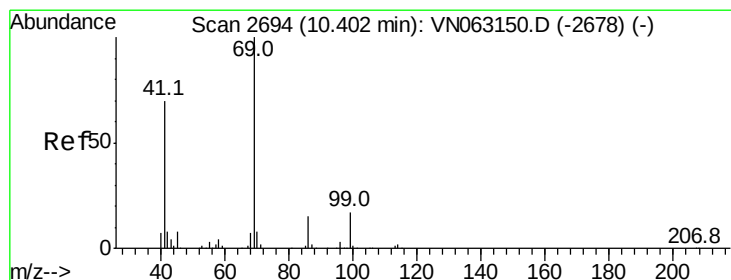
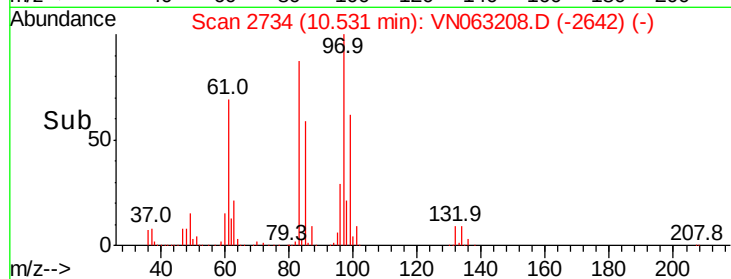
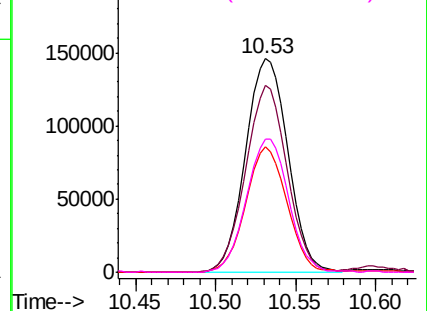


Abundance Ion 96.90 (96.60 to 97.60): VN063150.D (-2719) (-)

Ion 82.90 (82.60 to 83.60): VN063150.D (-2719) (-)

Ion 84.90 (84.60 to 85.60): VN063150.D (-2719) (-)

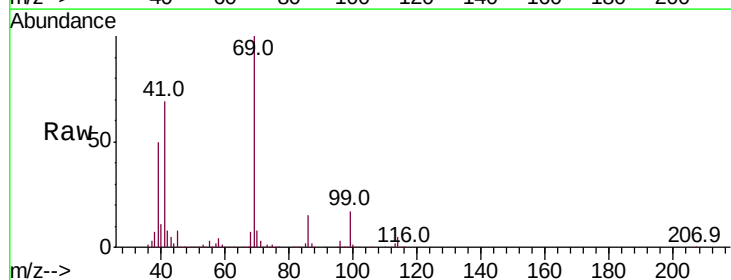
Ion 98.90 (98.60 to 99.60): VN063150.D (-2719) (-)



#56
 Ethyl methacrylate
 Concen: 51.503 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Tgt Ion: 69 Resp: 396515

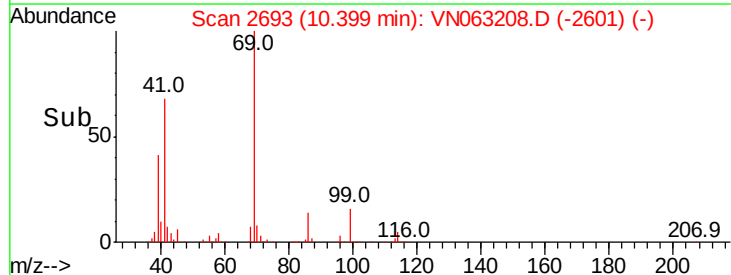
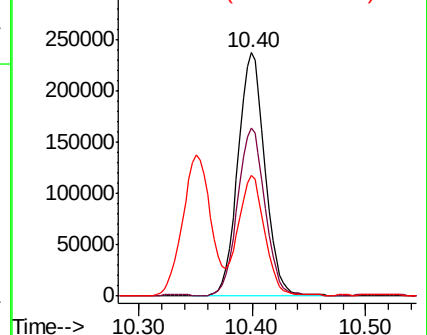
Ion	Ratio	Lower	Upper
69	100		
41	69.6	55.5	83.3
39	47.9	38.2	57.2

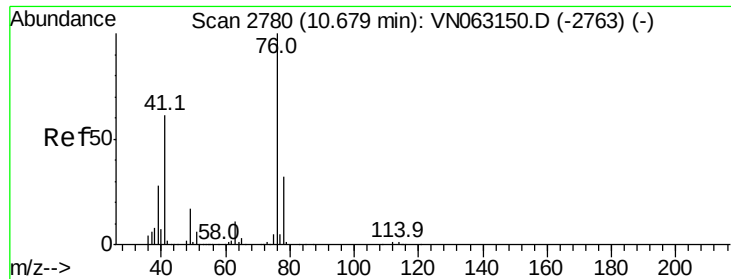


Abundance Ion 69.00 (68.70 to 69.70): VN063150.D (-2678) (-)

Ion 41.00 (40.70 to 41.70): VN063150.D (-2678) (-)

Ion 39.00 (38.70 to 39.70): VN063150.D (-2678) (-)

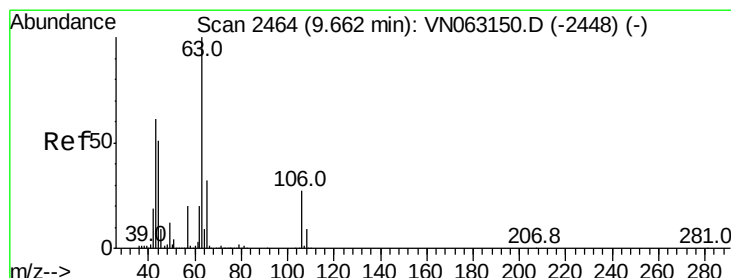
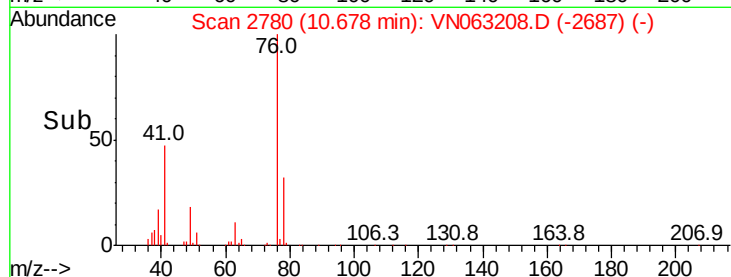
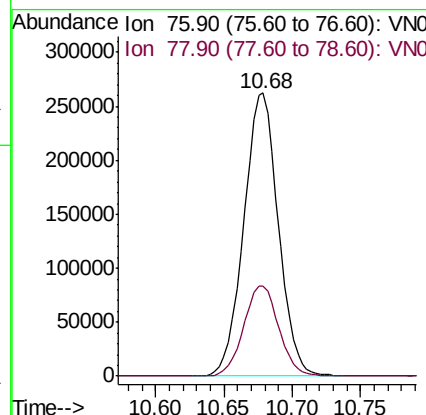
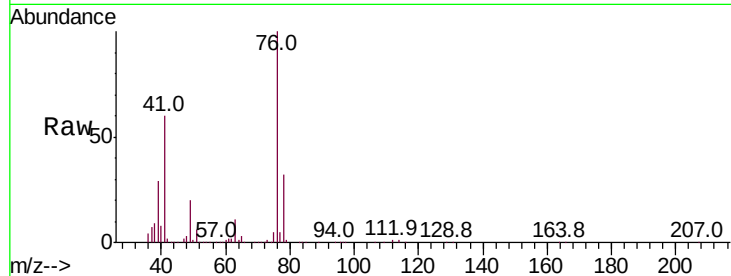




#57
 1,3-Dichloropropane
 Concen: 51.051 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

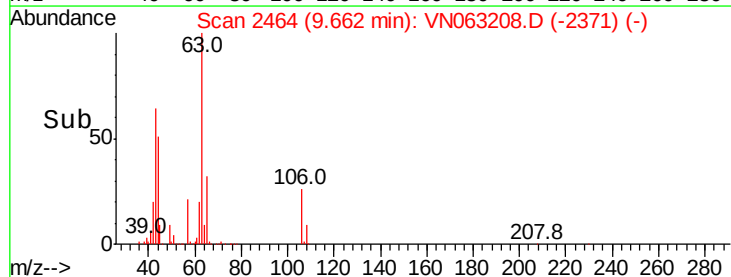
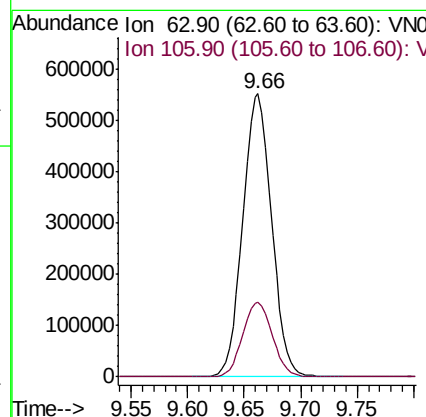
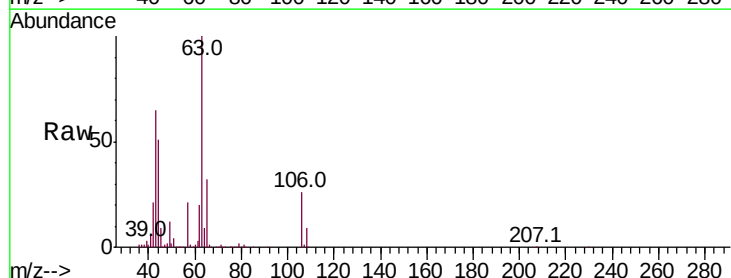
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

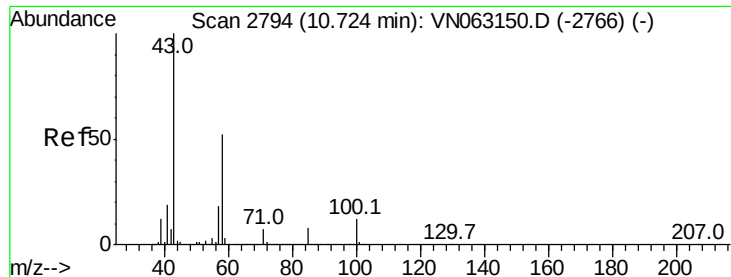
Tot Ion: 76 Resp: 460085
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.048 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Tgt Ion: 63 Resp: 980928
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.8 32.6

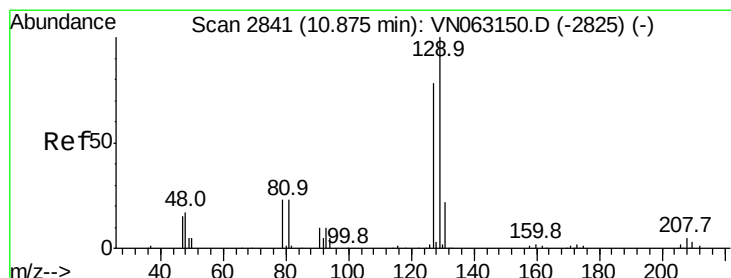
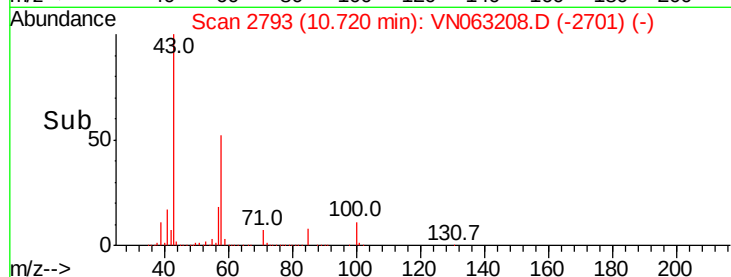
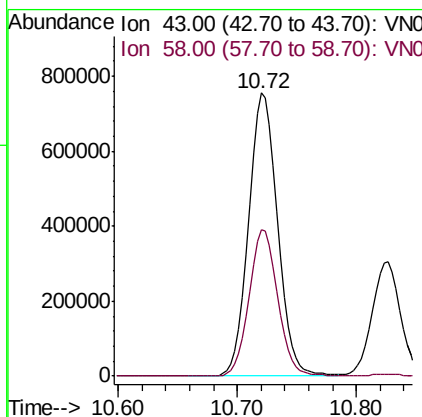
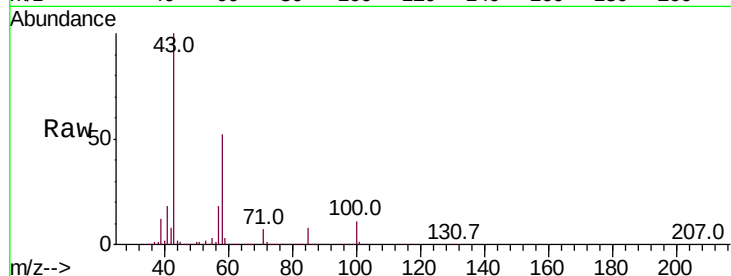




#59
2-Hexanone
Concen: 283.008 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

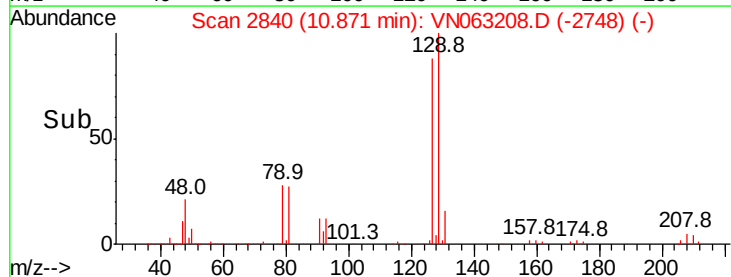
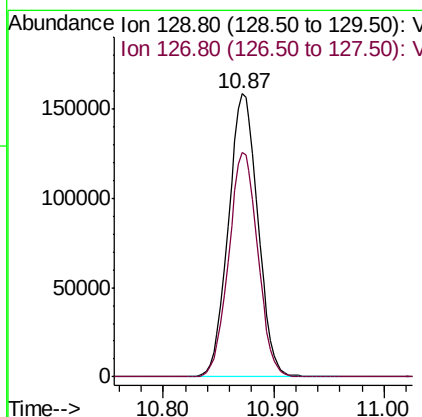
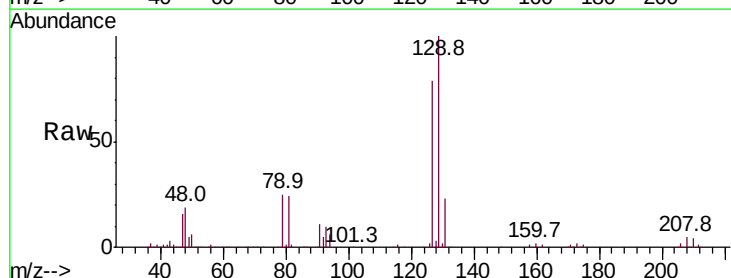
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

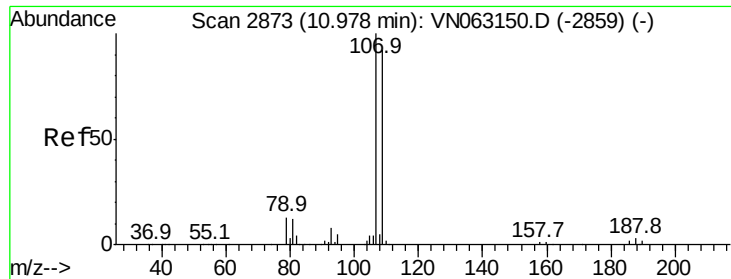
Tot Ion: 43 Resp: 1271926
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8



#60
Dibromochloromethane
Concen: 52.501 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion: 129 Resp: 293634
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 50.887 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

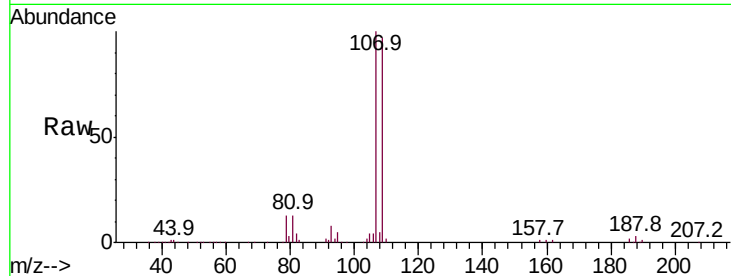
VSTDCCC050

Tot Ion:107 Resp: 267610

Ion Ratio Lower Upper

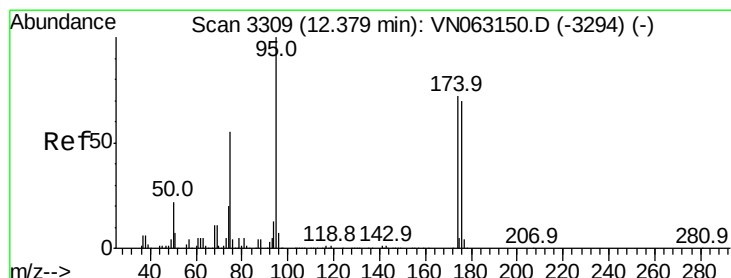
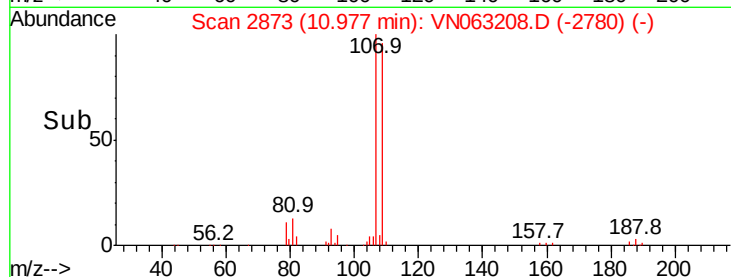
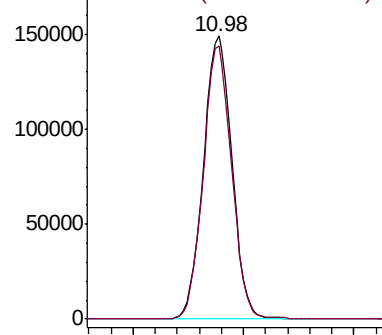
107 100

109 95.7 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.899 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

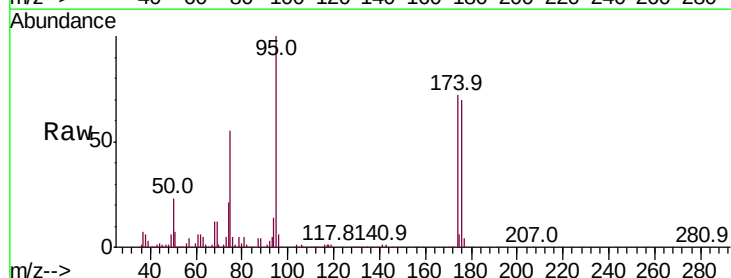
Tgt Ion: 95 Resp: 310564

Ion Ratio Lower Upper

95 100

174 70.5 0.0 143.8

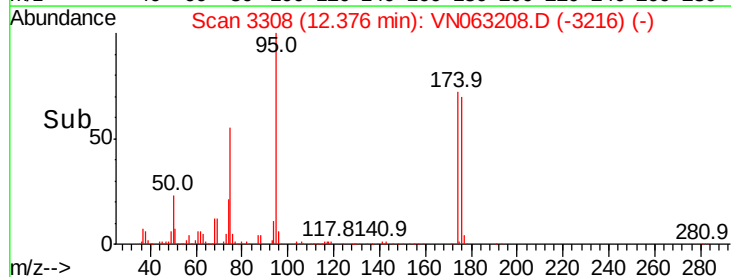
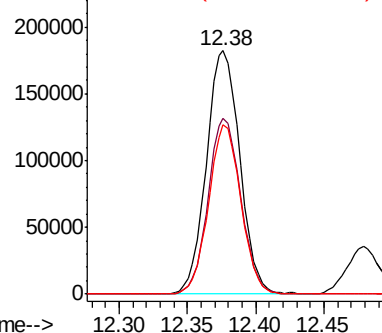
176 66.9 0.0 138.4

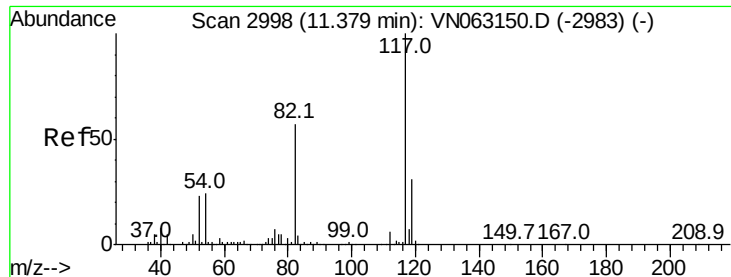


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

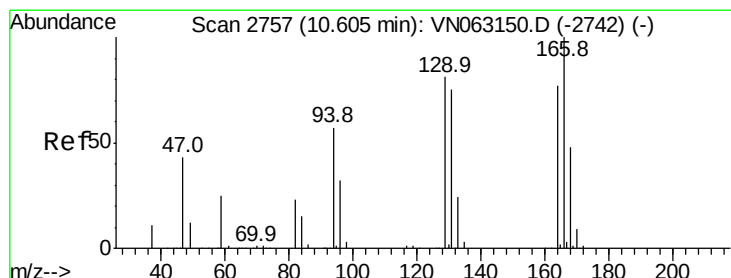
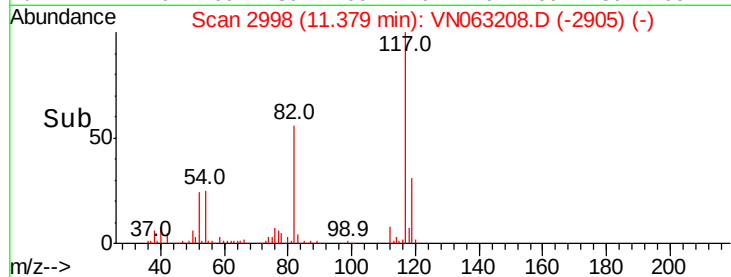
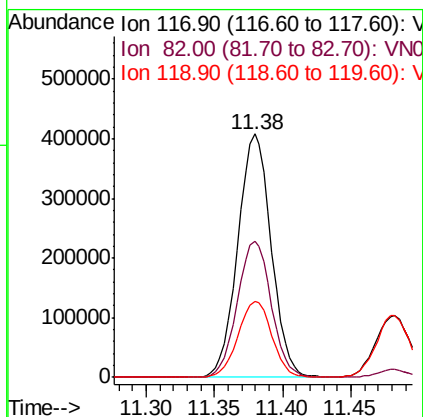
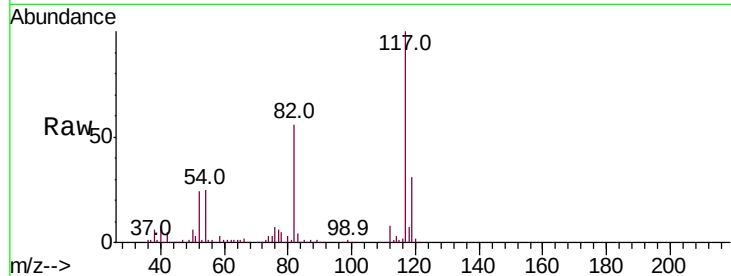




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

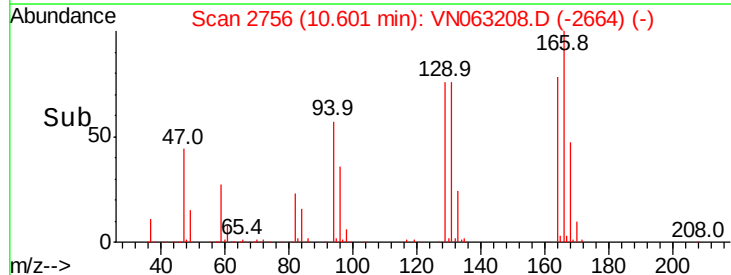
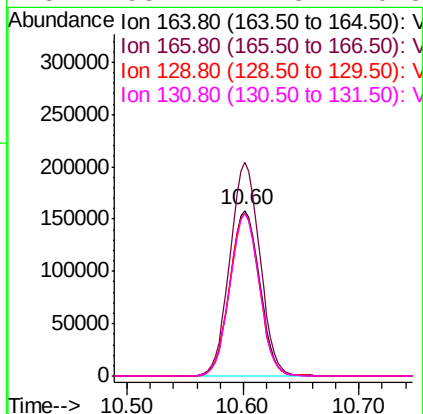
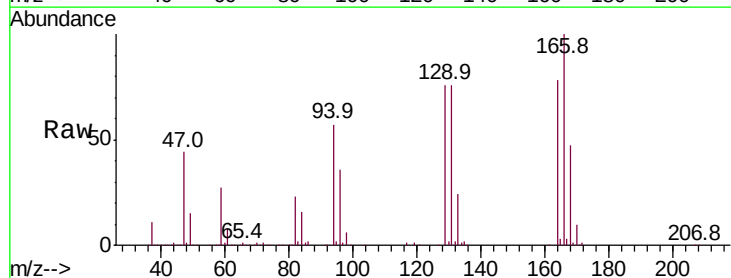
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

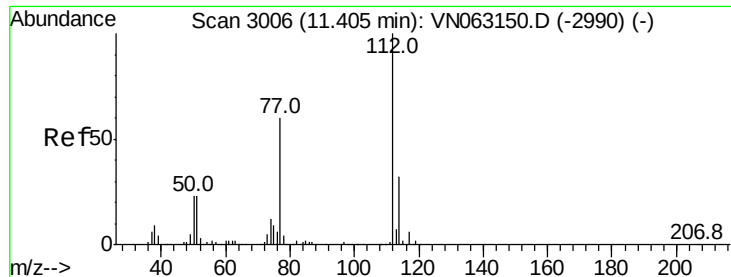
Tot Ion:117 Resp: 694601
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 31.4 24.6 37.0



#64
Tetrachloroethene
Concen: 56.324 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion:164 Resp: 280940
Ion Ratio Lower Upper
164 100
166 128.9 103.4 155.2
129 98.4 83.4 125.0
131 98.2 77.8 116.8

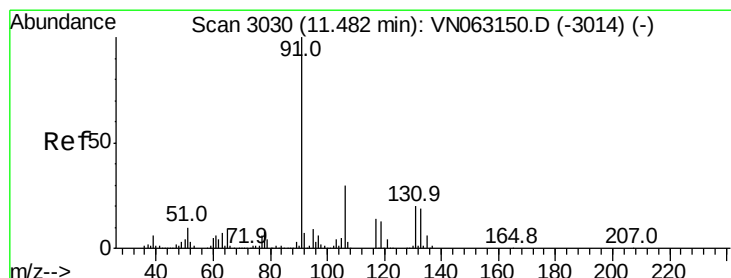
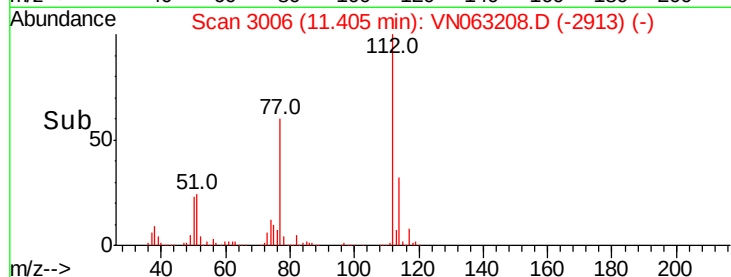
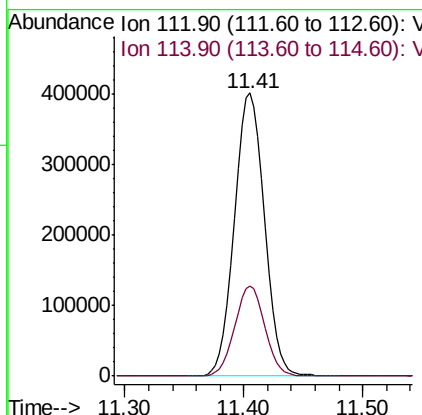
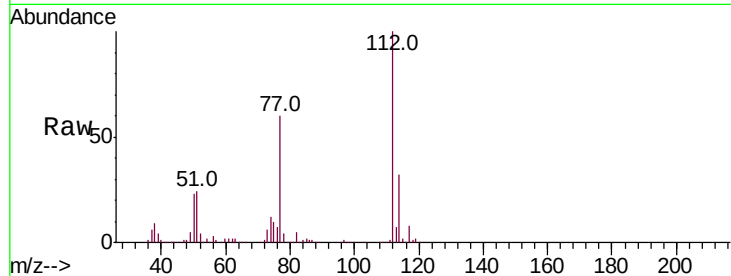




#65
Chlorobenzene
Concen: 50.265 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

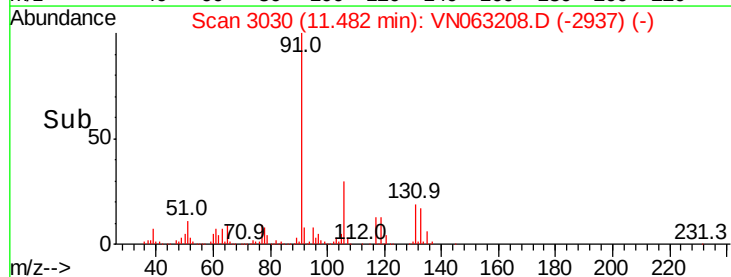
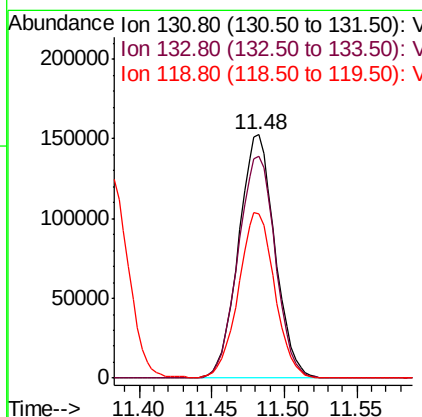
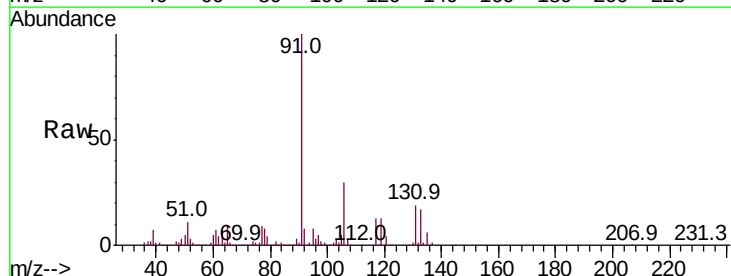
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

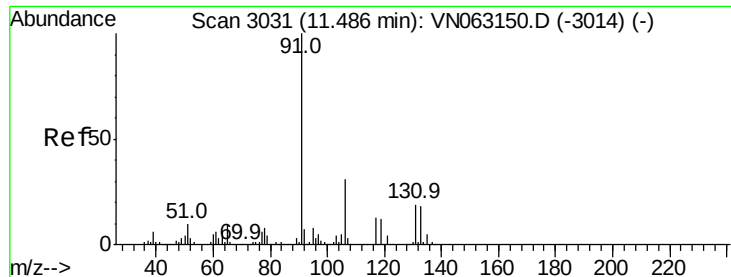
Tot Ion:112 Resp: 703212
Ion Ratio Lower Upper
112 100
114 31.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.149 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion:131 Resp: 265680
Ion Ratio Lower Upper
131 100
133 93.4 47.3 142.0
119 67.9 32.4 97.0

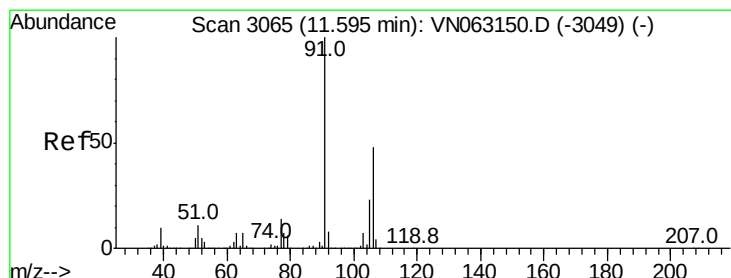
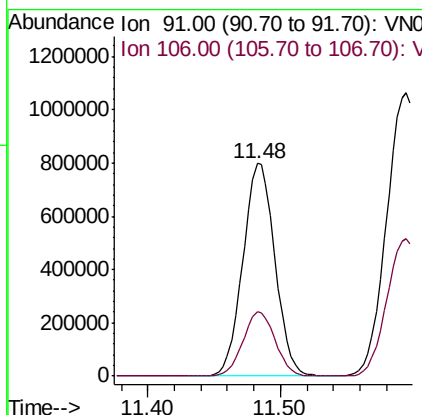
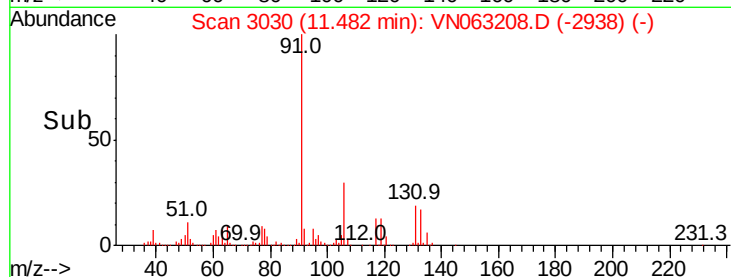
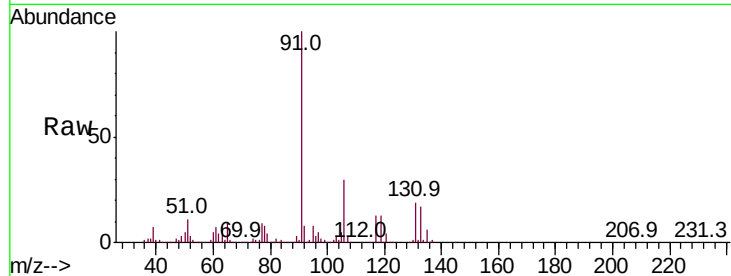




#67
Ethyl Benzene
Concen: 52.455 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

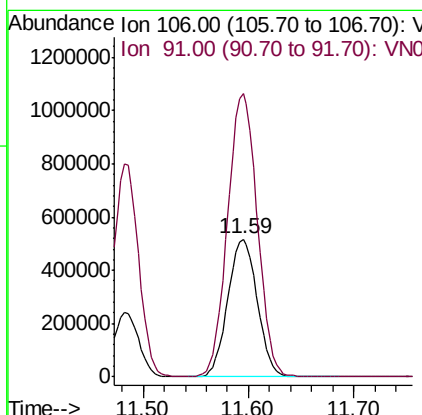
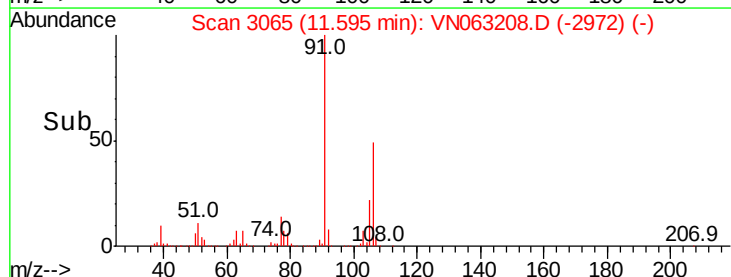
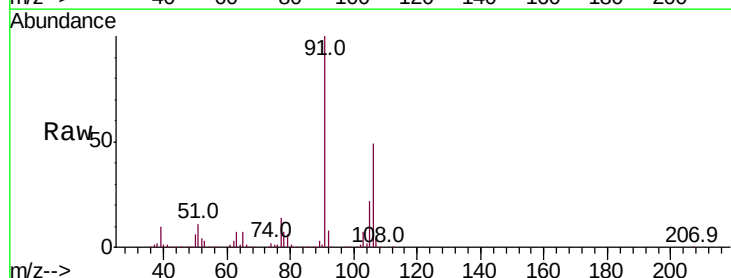
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

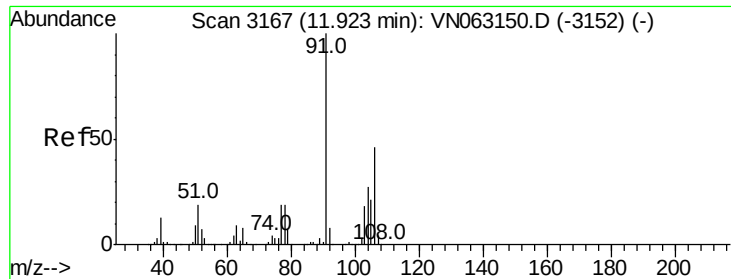
Tot Ion: 91 Resp: 1338759
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6



#68
m/p-Xylenes
Concen: 105.606 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion: 106 Resp: 998240
Ion Ratio Lower Upper
106 100
91 207.4 166.7 250.1

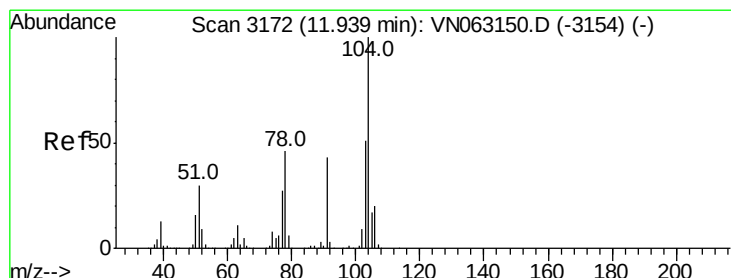
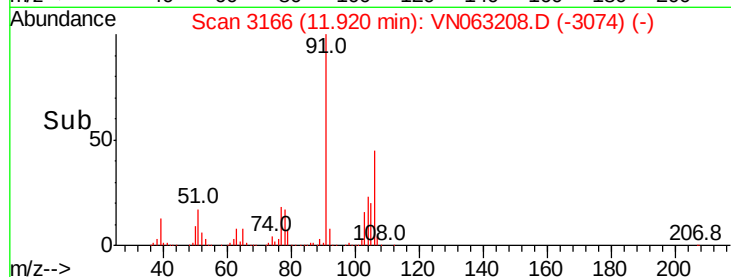
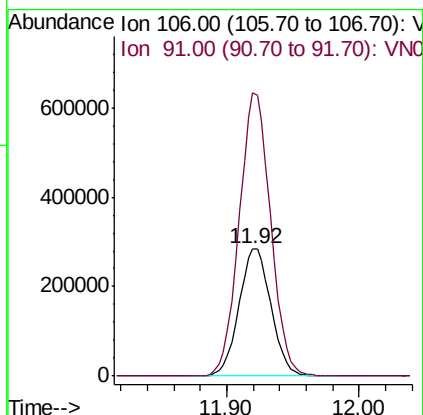
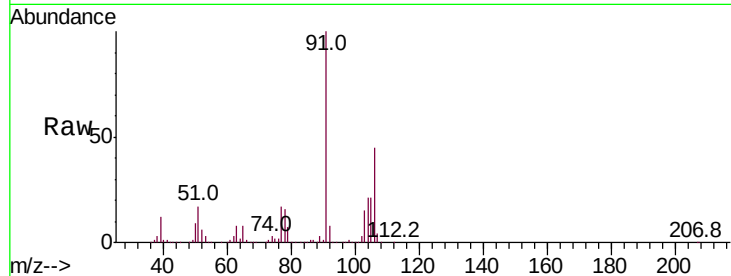




#69
o-Xylene
Concen: 52.208 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

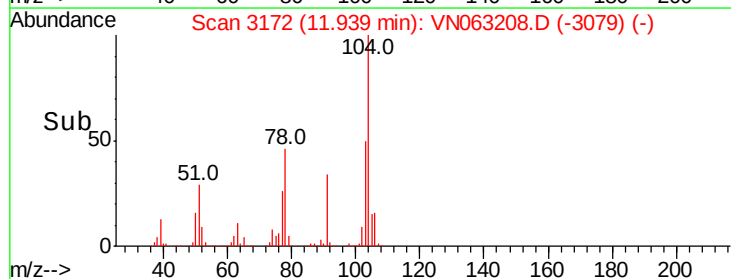
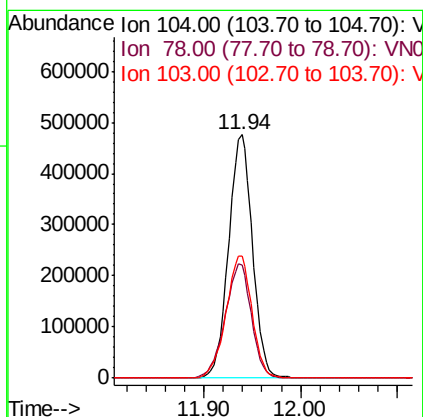
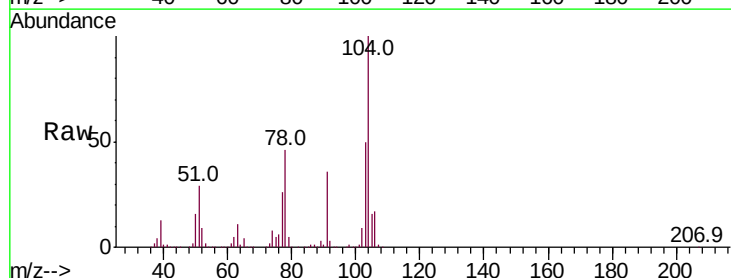
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

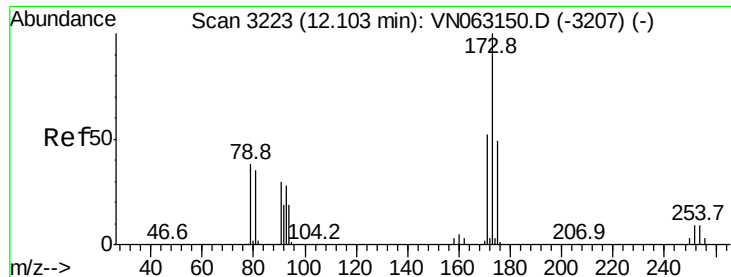
Tot Ion:106 Resp: 476738
Ion Ratio Lower Upper
106 100
91 218.6 108.6 325.6



#70
Styrene
Concen: 52.124 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion:104 Resp: 818001
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.6
103 54.5 43.8 65.8

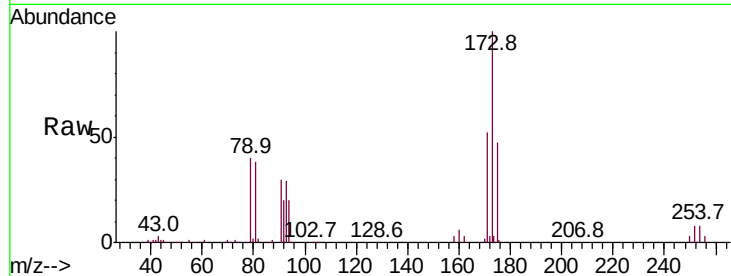




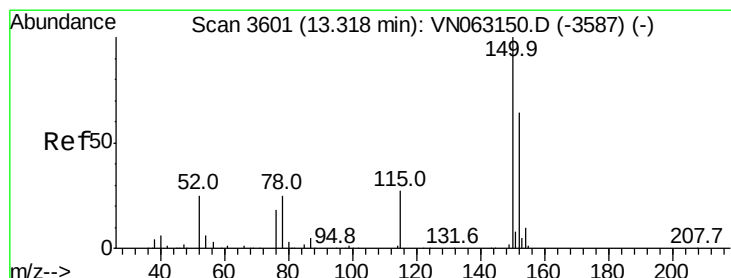
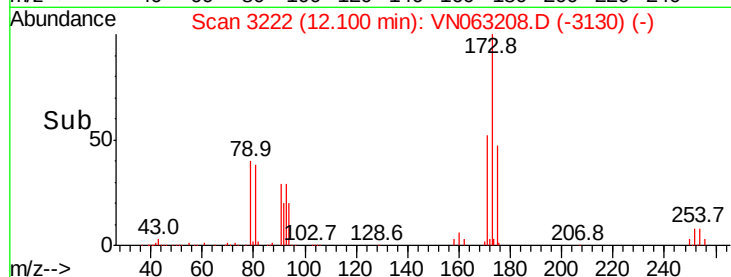
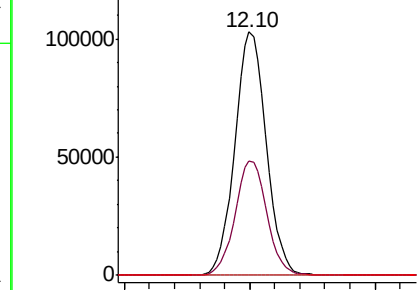
#71
Bromoform
Concen: 50.797 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:173 Resp: 179061
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.8
254 0.0 0.0 0.0#

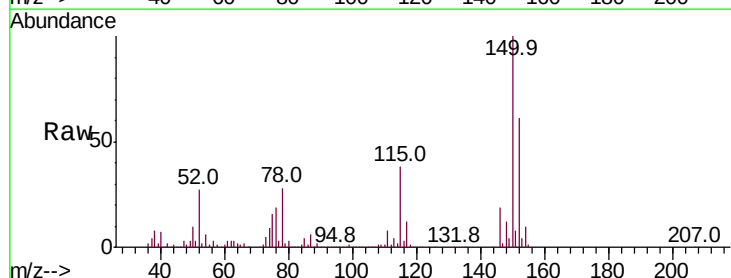


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

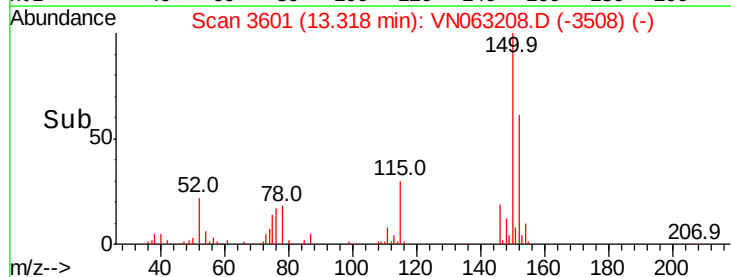
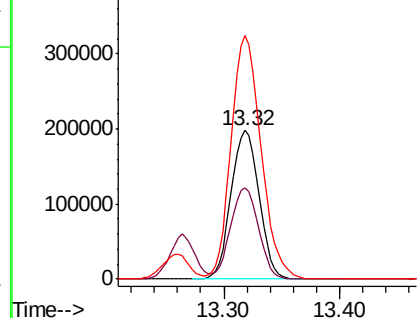


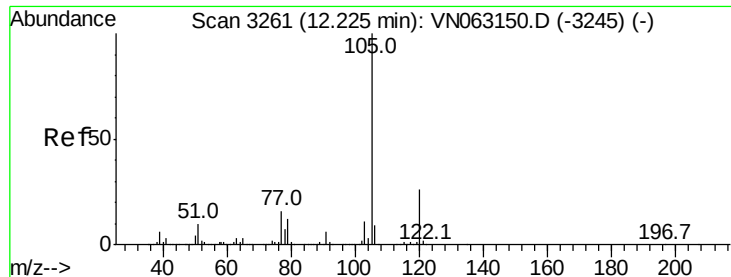
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion:152 Resp: 329781
Ion Ratio Lower Upper
152 100
115 60.8 32.0 96.2
150 175.0 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: 50.899 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

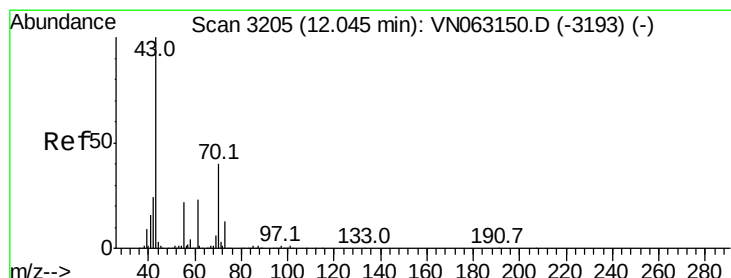
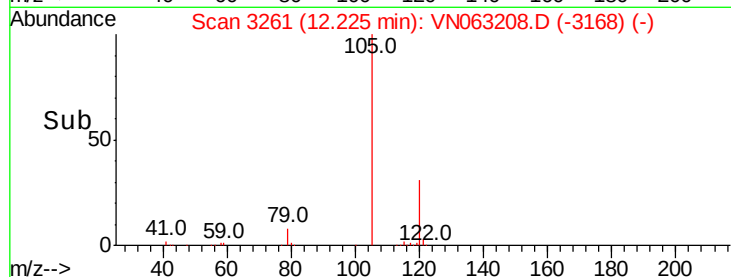
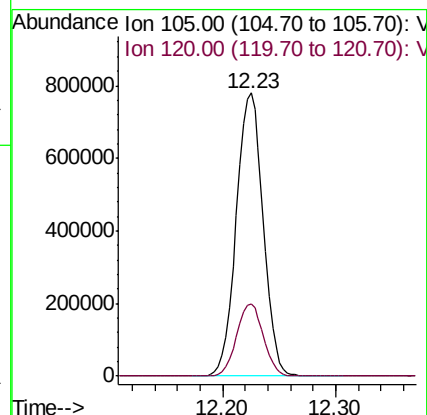
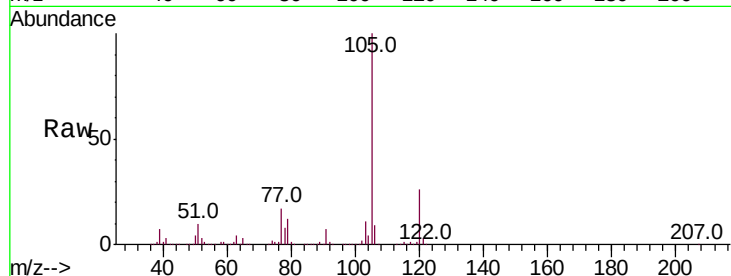
VSTDCCC050

Tot Ion:105 Resp: 1287420

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.6



#74

N-ethyl acetate

Concen: 50.974 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Tgt Ion: 43 Resp: 534060

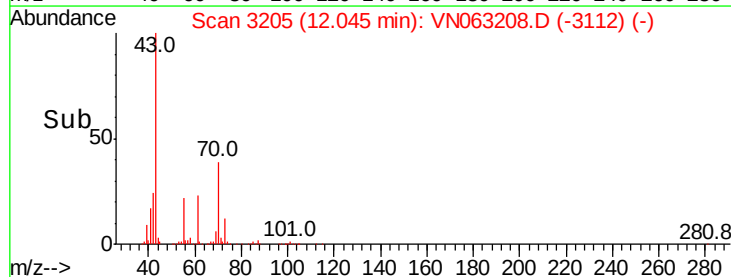
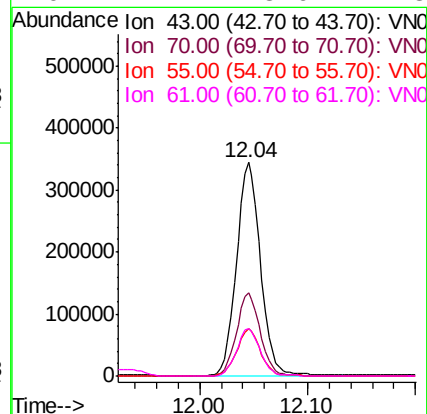
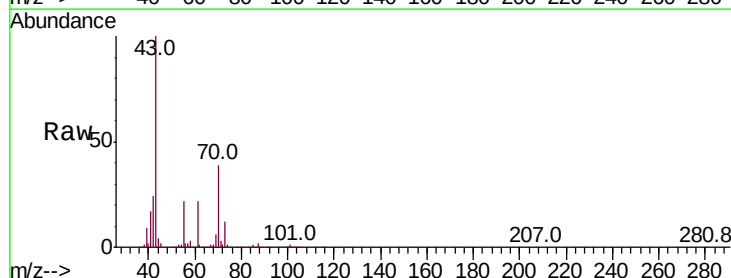
Ion Ratio Lower Upper

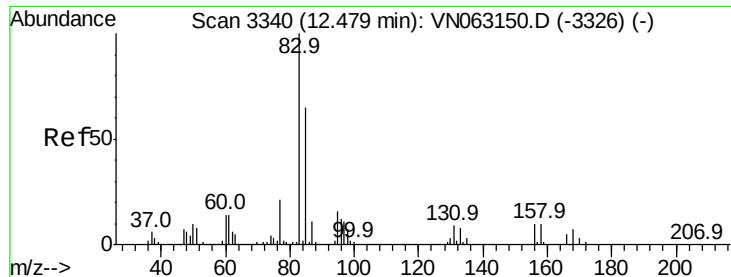
43 100

70 38.5 32.1 48.1

55 22.0 17.4 26.0

61 22.2 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.223 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

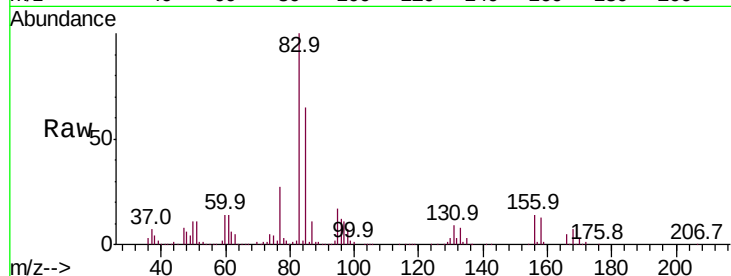
Tot Ion: 83 Resp: 344366

Ion Ratio Lower Upper

83 100

131 8.9 4.7 14.0

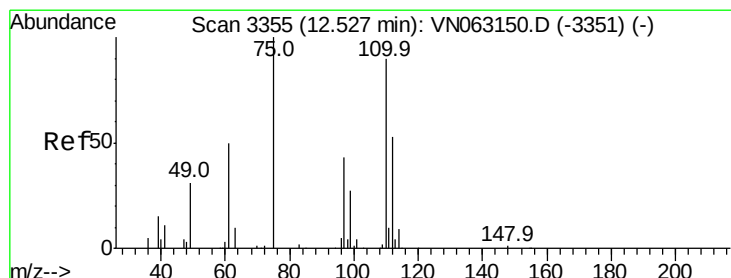
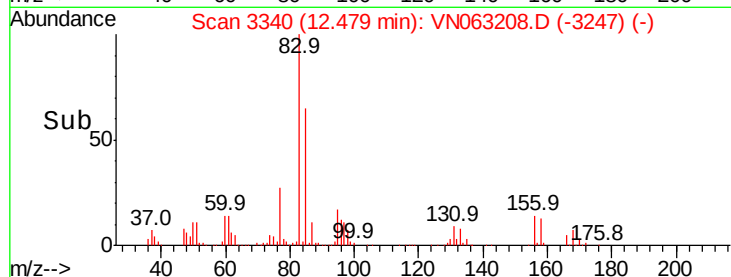
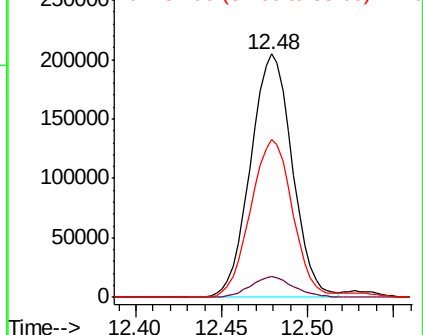
85 65.6 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 74.217 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063208.D

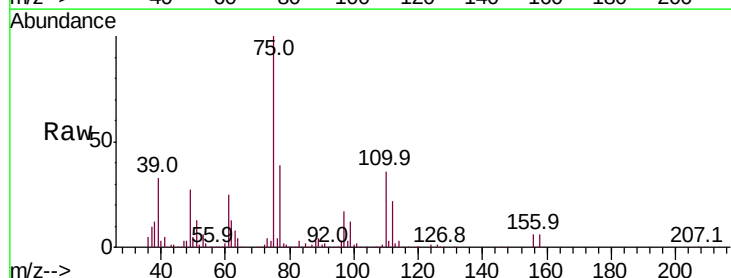
Acq: 3 Sep 2020 10:00

Tgt Ion: 75 Resp: 480891

Ion Ratio Lower Upper

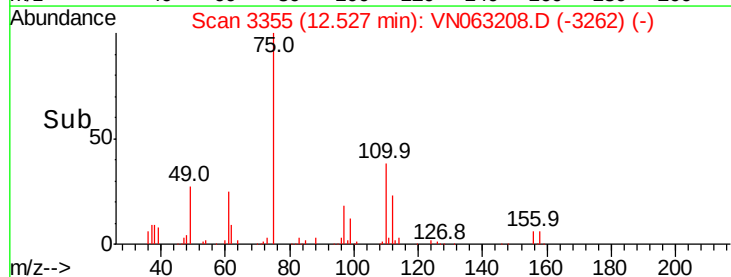
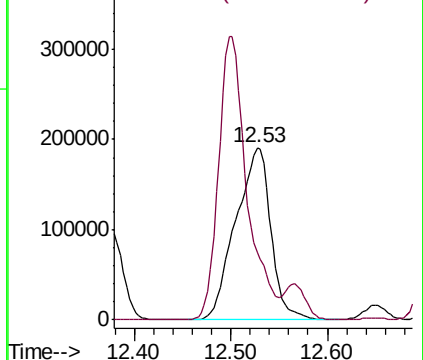
75 100

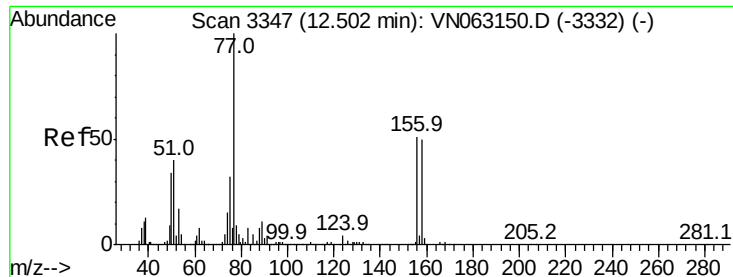
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 50.198 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

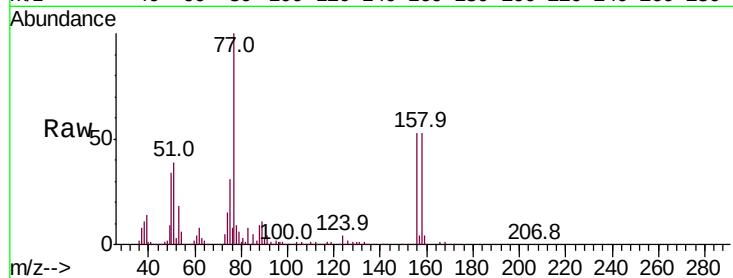
Tot Ion:156 Resp: 287153

Ion Ratio Lower Upper

156 100

77 223.9 116.1 348.3

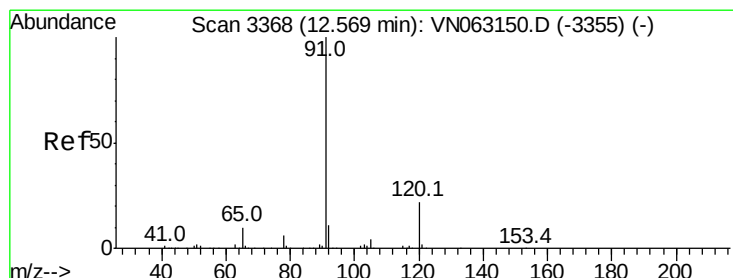
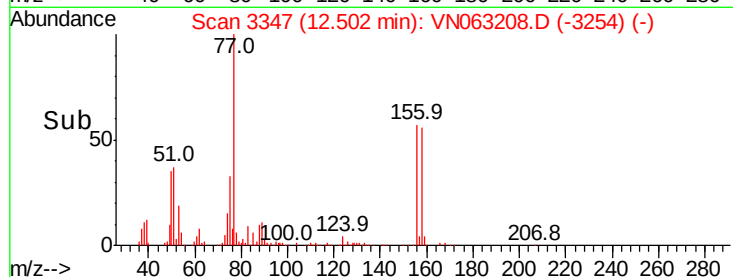
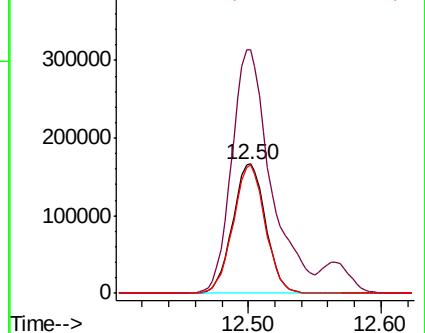
158 96.8 48.8 146.4



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: 52.876 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063208.D

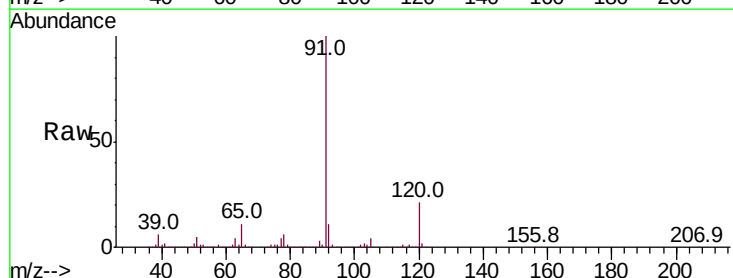
Acq: 3 Sep 2020 10:00

Tgt Ion: 91 Resp: 1547641

Ion Ratio Lower Upper

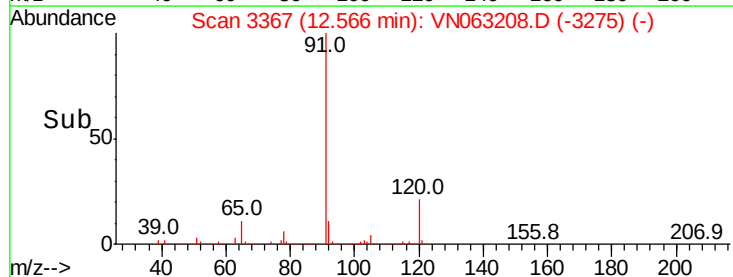
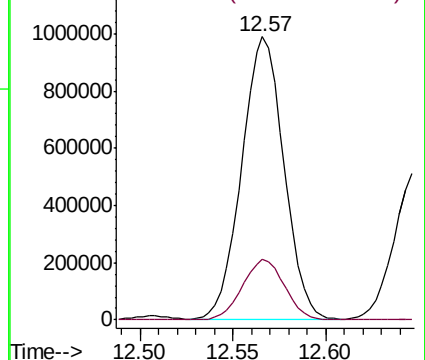
91 100

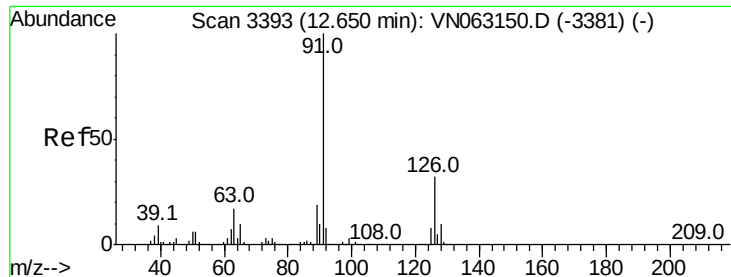
120 21.5 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

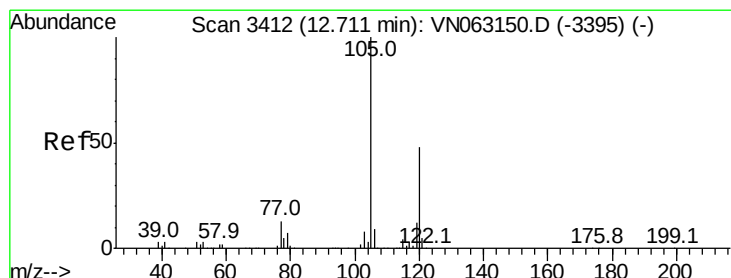
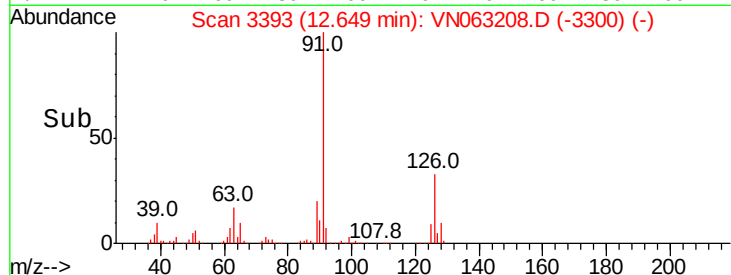
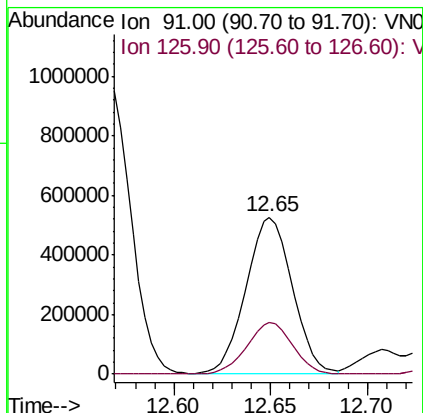
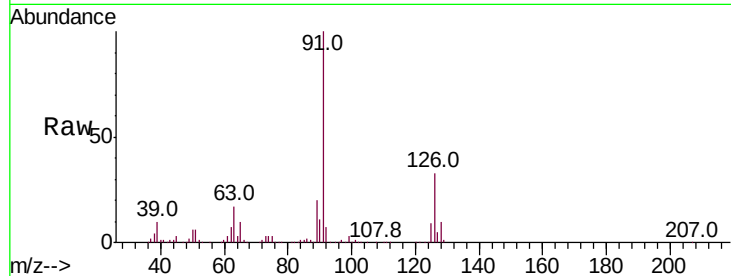




#79
 2-Chlorotoluene
 Concen: 49.979 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

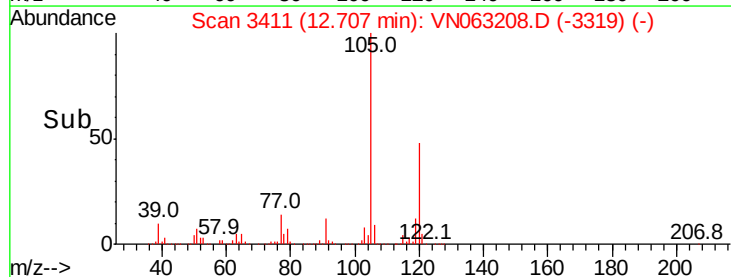
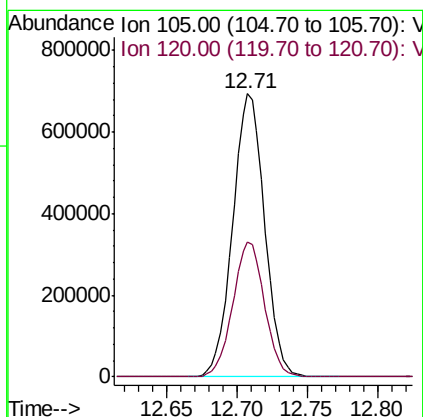
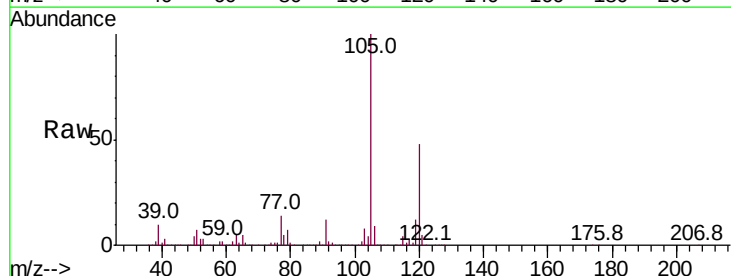
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

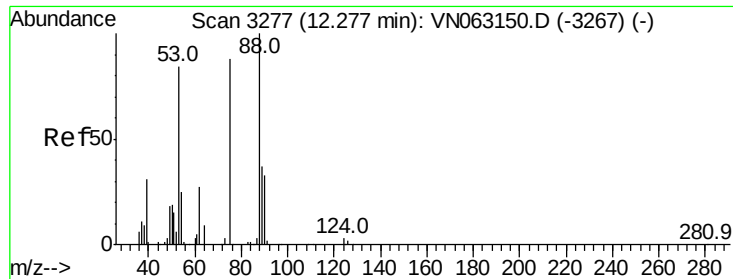
Tot Ion: 91 Resp: 876154
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.885 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Tgt Ion:105 Resp: 1092362
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.027 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

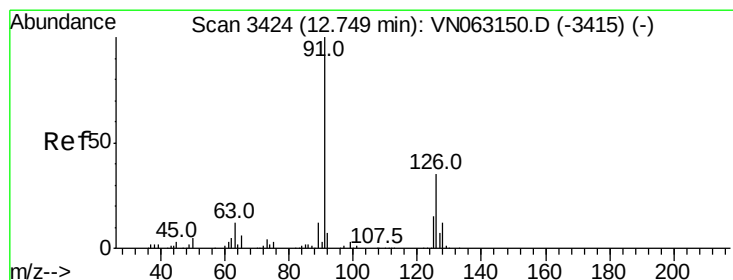
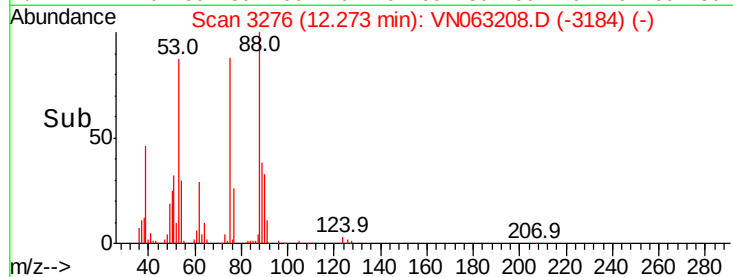
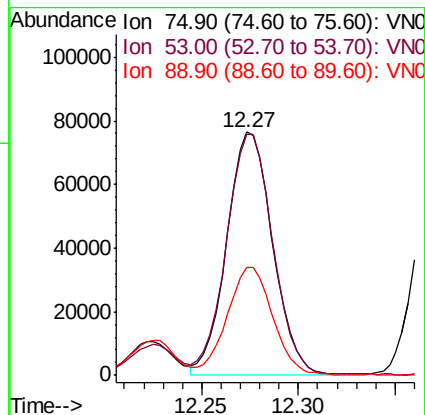
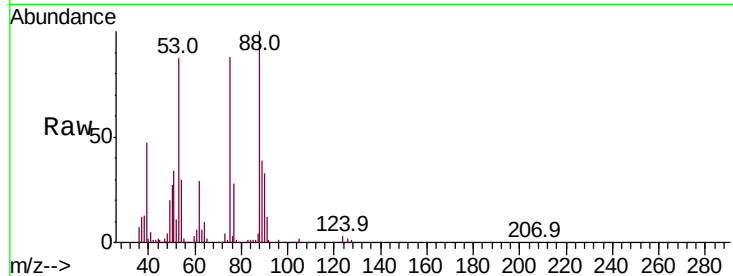
Tot Ion: 75 Resp: 126070

Ion Ratio Lower Upper

75 100

53 100.0 78.7 118.1

89 43.6 35.3 52.9



#82

4-Chlorotoluene

Concen: 51.346 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063208.D

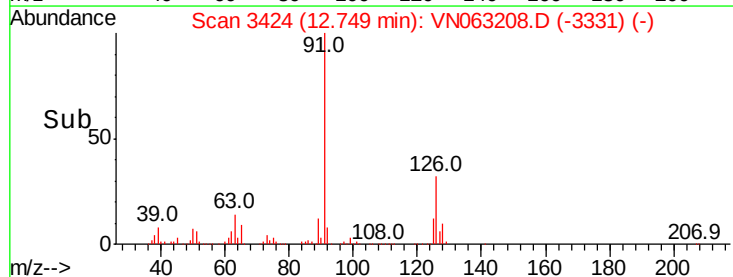
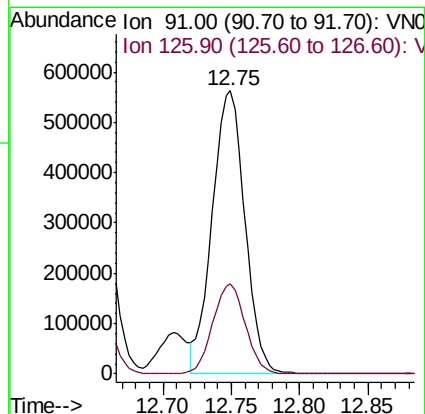
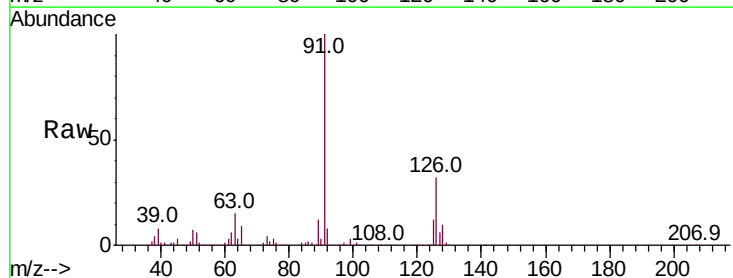
Acq: 3 Sep 2020 10:00

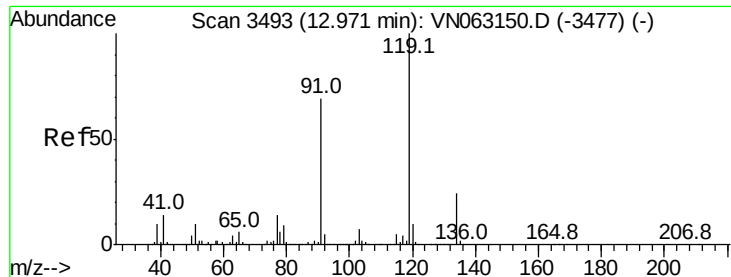
Tgt Ion: 91 Resp: 933550

Ion Ratio Lower Upper

91 100

126 31.6 16.2 48.5

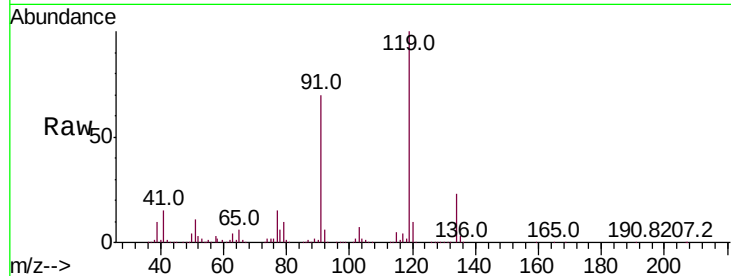




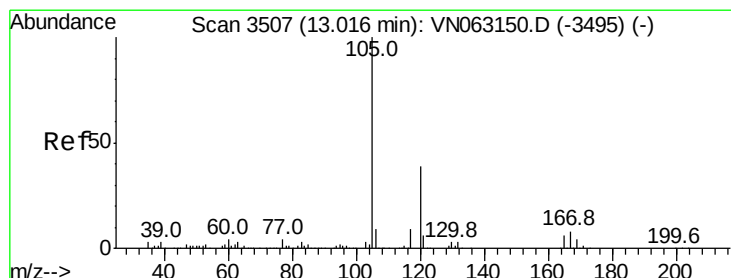
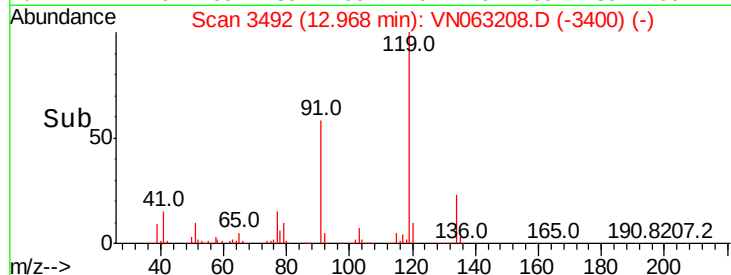
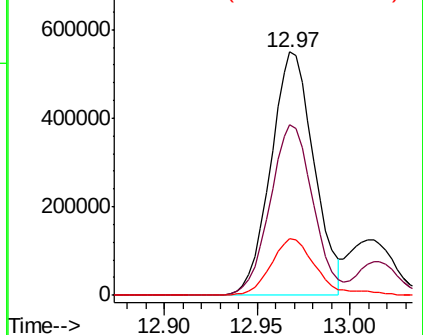
#83
 tert-Butylbenzene
 Concen: 49.446 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 892801
 Ion Ratio Lower Upper
 119 100
 91 69.8 33.7 101.0
 134 24.7 12.0 36.0

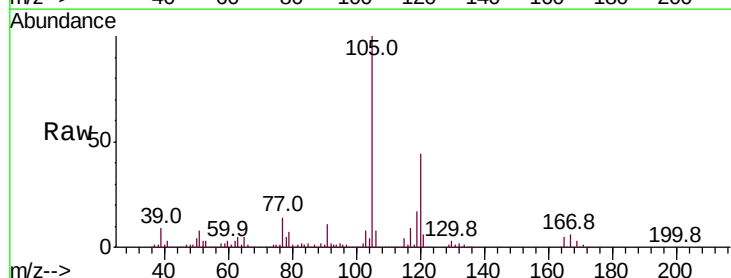


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

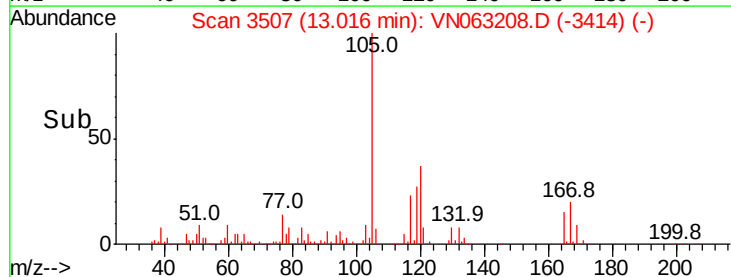
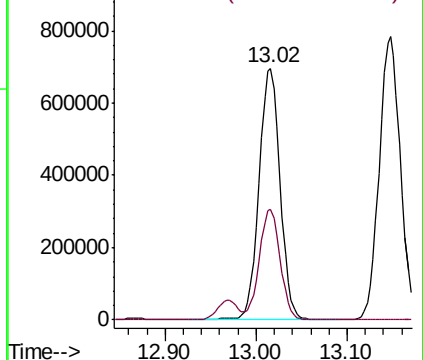


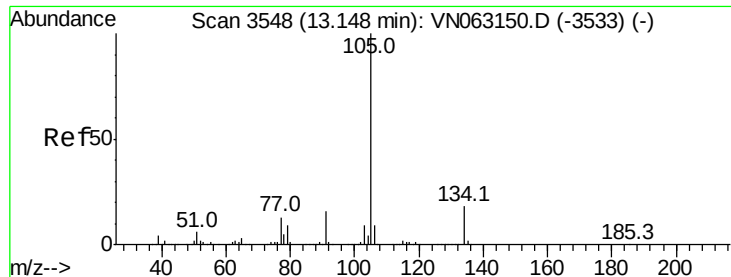
#84
 1,2,4-Trimethylbenzene
 Concen: 52.745 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Tgt Ion:105 Resp: 1119321
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.222 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

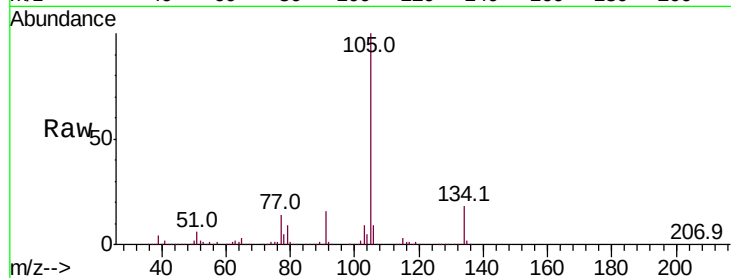
VSTDCCC050

Tot Ion:105 Resp: 1252429

Ion Ratio Lower Upper

105 100

134 18.4 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

800000

600000

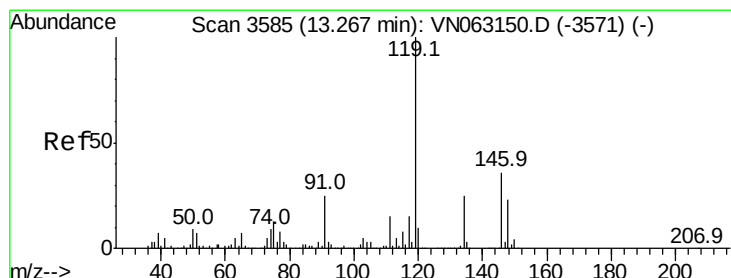
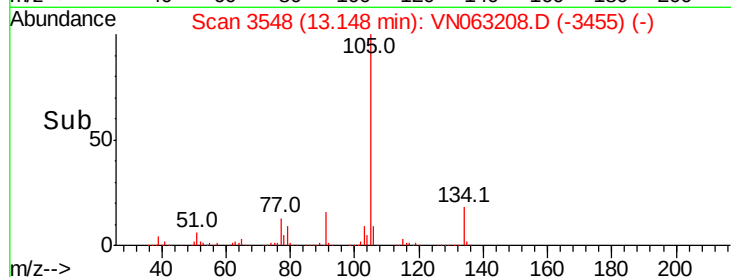
400000

200000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 53.843 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

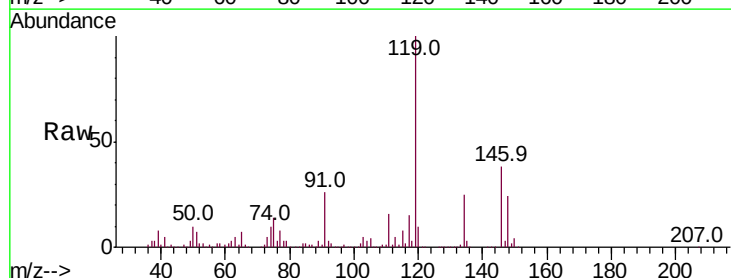
Tgt Ion:119 Resp: 1124902

Ion Ratio Lower Upper

119 100

134 25.1 12.4 37.4

91 25.4 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

600000

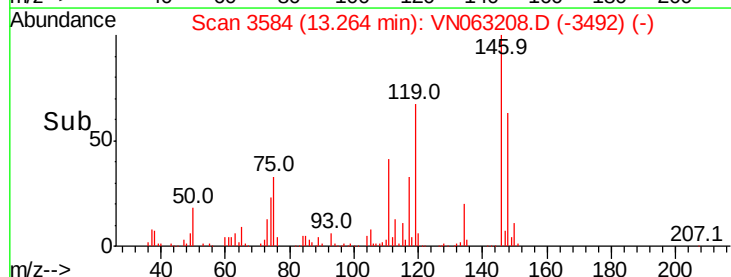
400000

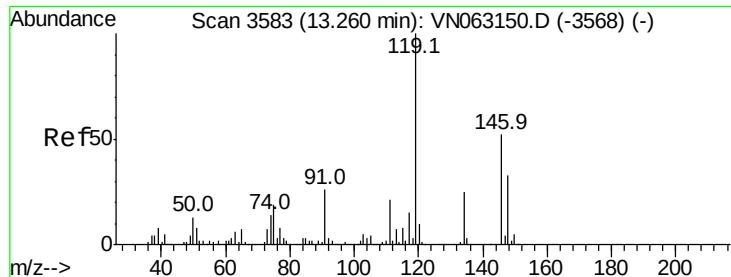
200000

0

13.20 13.25 13.30 13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.343 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

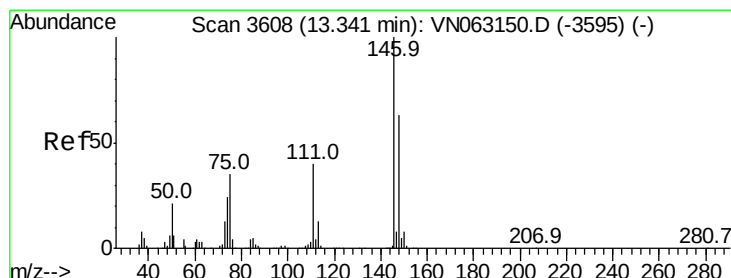
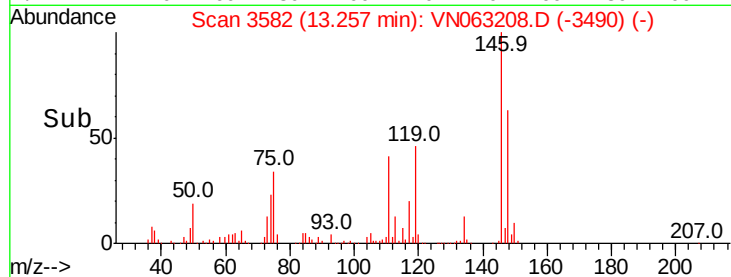
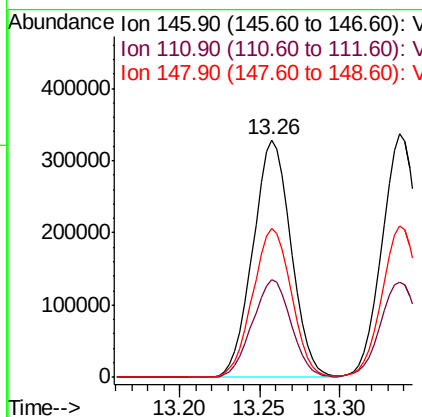
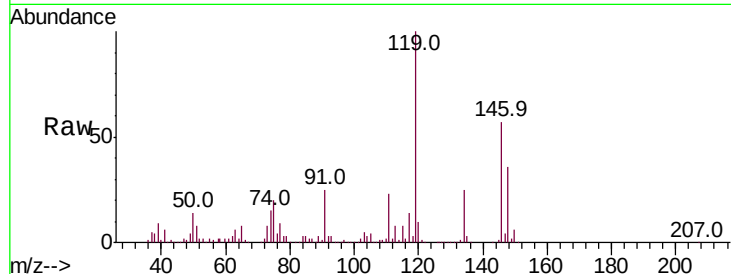
Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 539552

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	63.7
148	63.7	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 50.374 ug/l

RT: 13.34 min Scan# 3607

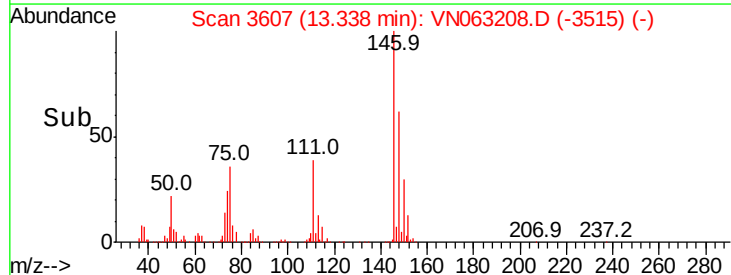
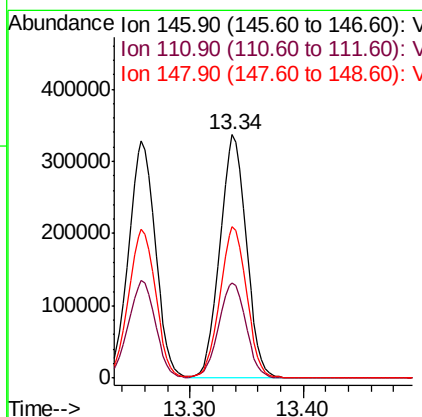
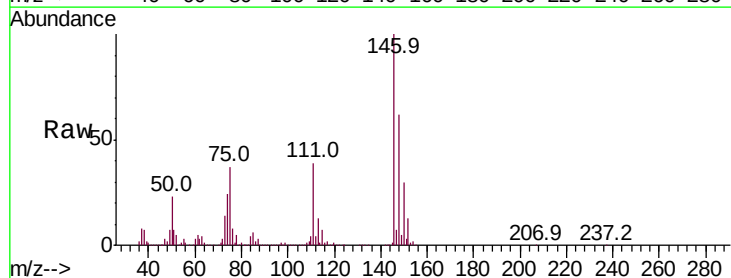
Delta R.T. -0.00 min

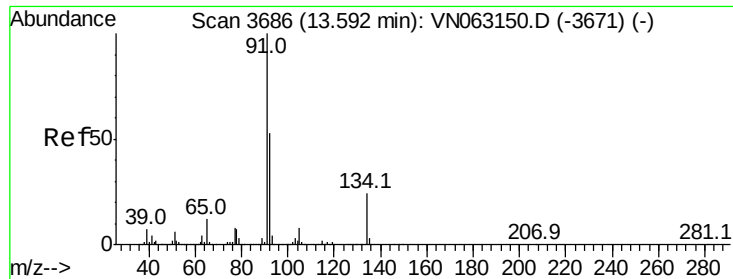
Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Tgt Ion:146 Resp: 548133

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.5
148	62.6	31.9	95.7

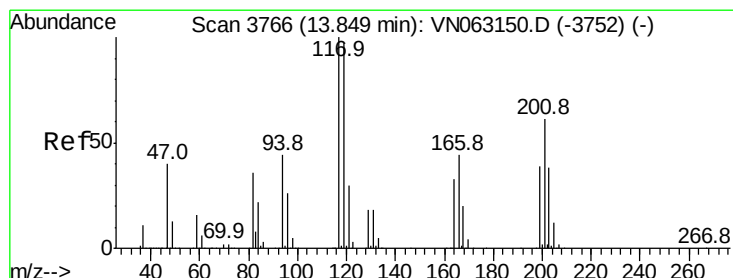
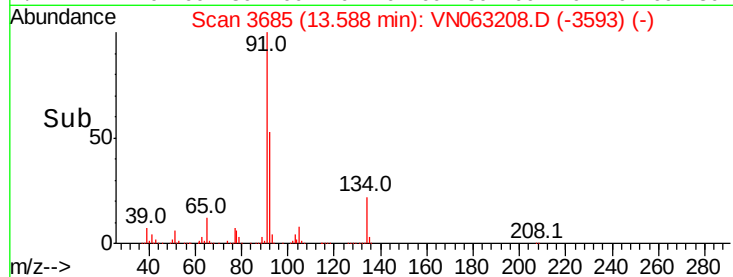
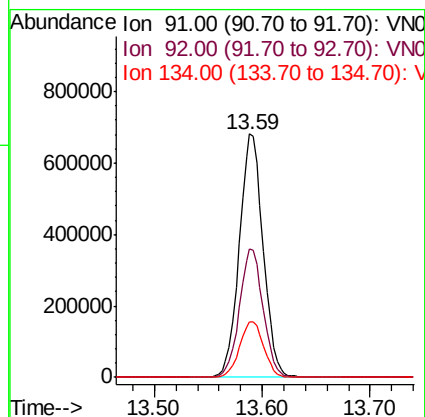
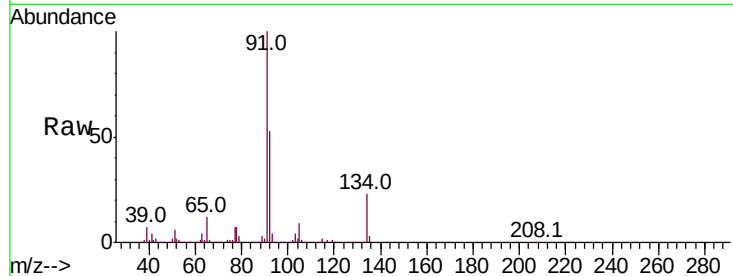




#89
n-Butylbenzene
Concen: 54.313 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

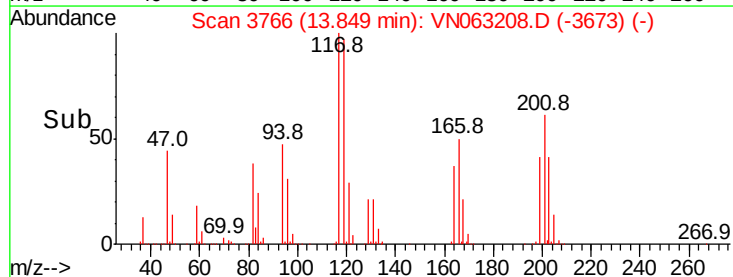
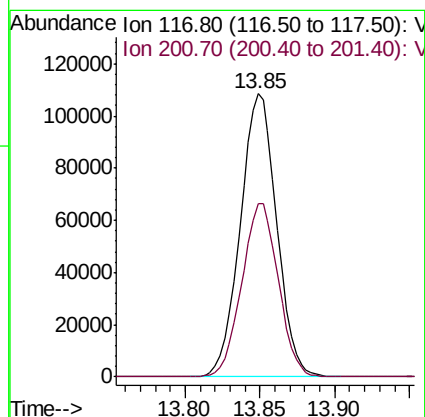
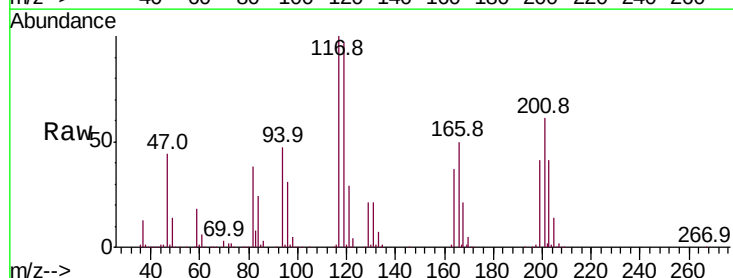
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

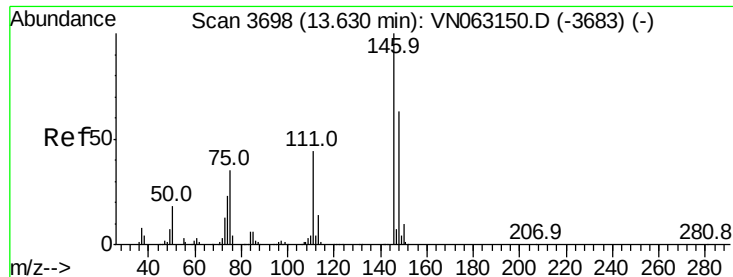
Tot Ion: 91 Resp: 1048295
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.8
134 23.3 12.0 36.0



#90
Hexachloroethane
Concen: 47.374 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063208.D
Acq: 3 Sep 2020 10:00

Tgt Ion: 117 Resp: 183218
Ion Ratio Lower Upper
117 100
201 61.4 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 51.915 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

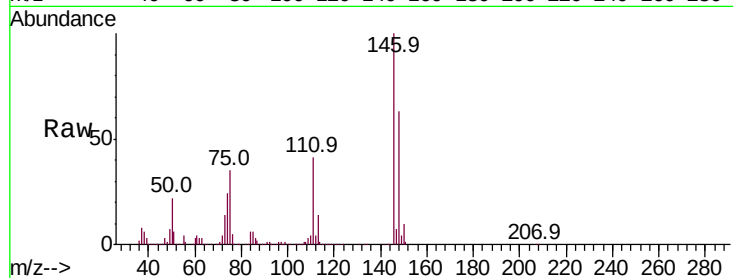
Tot Ion:146 Resp: 529419

Ion Ratio Lower Upper

146 100

111 43.0 22.0 66.0

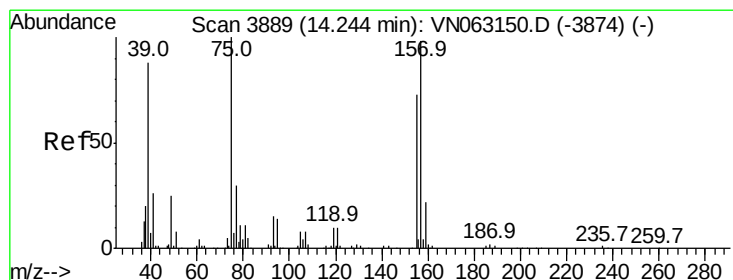
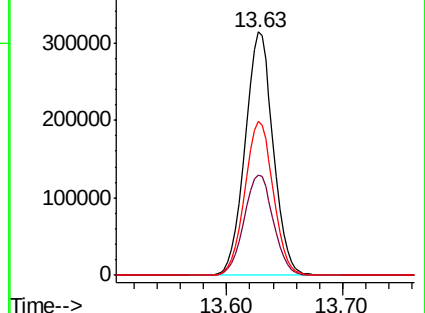
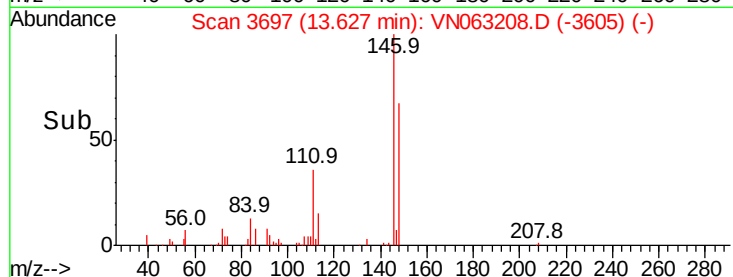
148 64.0 31.6 95.0



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: 45.848 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

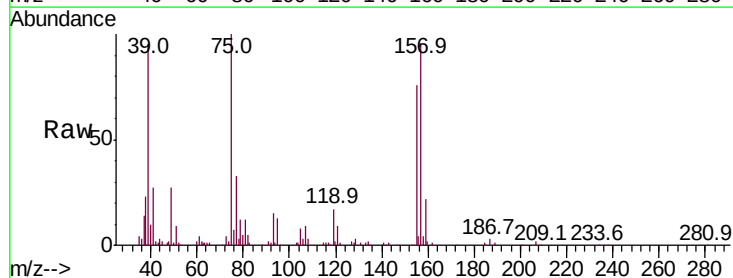
Tgt Ion: 75 Resp: 73504

Ion Ratio Lower Upper

75 100

155 75.0 36.1 108.5

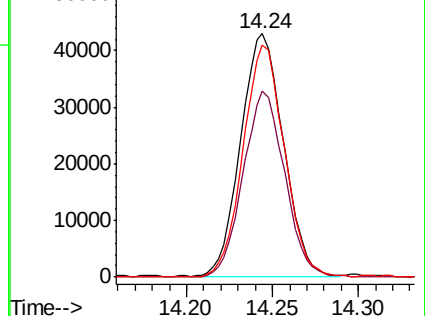
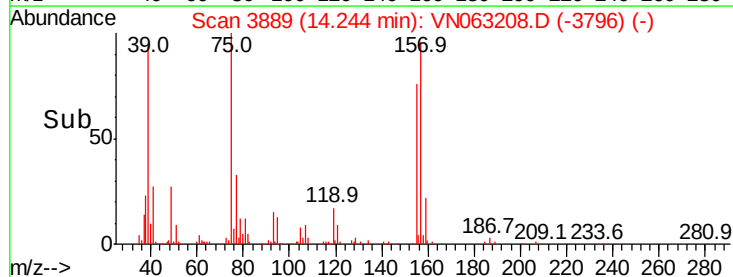
157 92.9 48.4 145.0

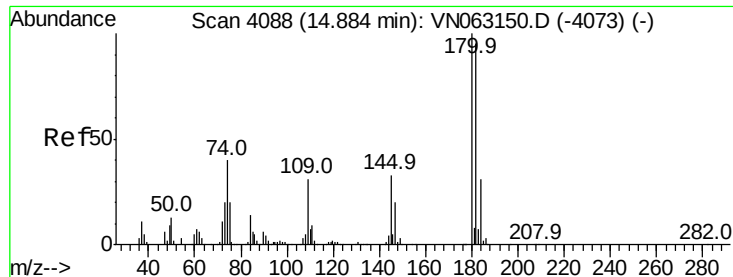


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

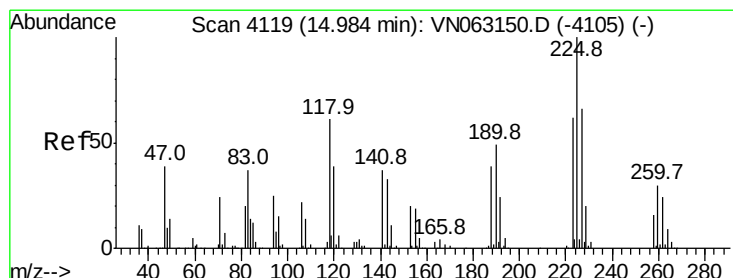
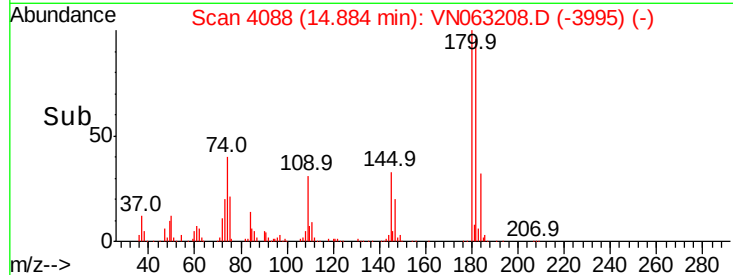
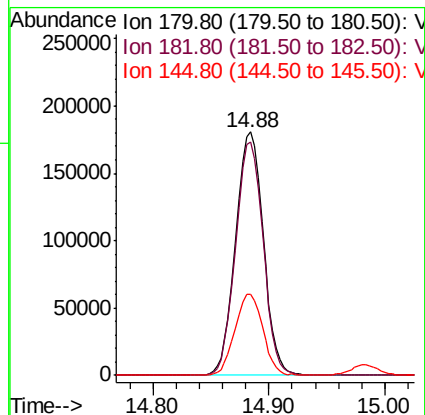
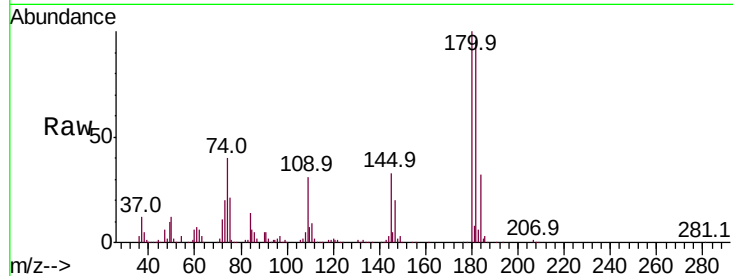




#93
 1,2,4-Trichlorobenzene
 Concen: 52.547 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

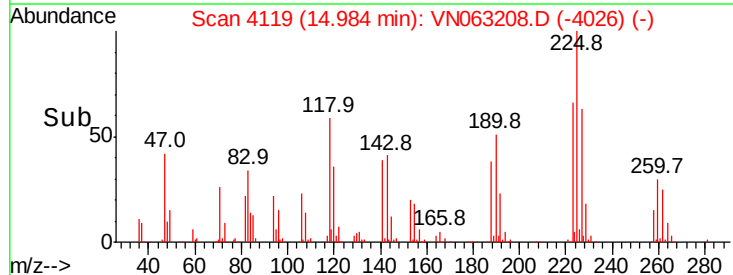
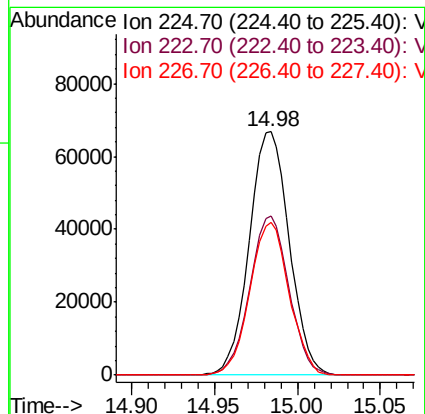
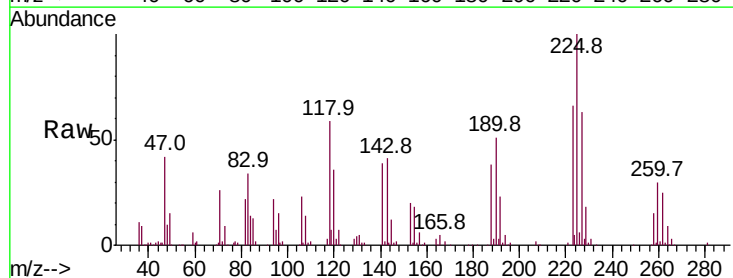
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

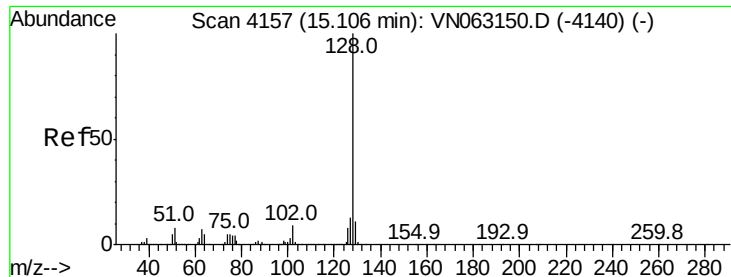
Tot Ion:	180	Resp:	299383
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.5
145	33.4	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 52.624 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063208.D
 Acq: 3 Sep 2020 10:00

Tgt Ion:	225	Resp:	112004
Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.9	92.7
227	61.5	32.9	98.7





#95

Naphthalene

Concen: 49.343 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

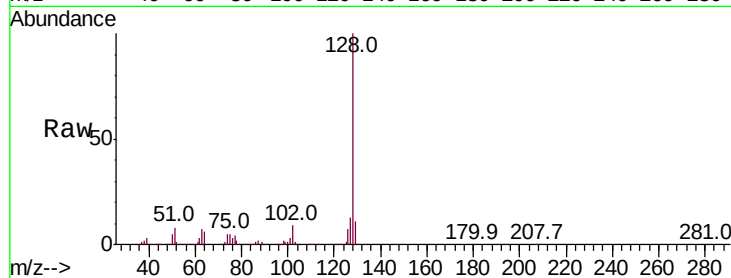
Tot Ion:128 Resp: 937938

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

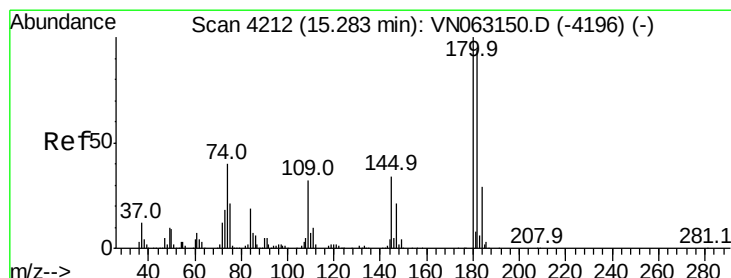
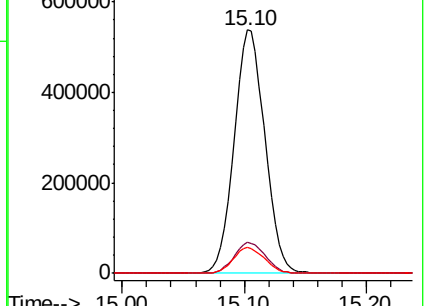
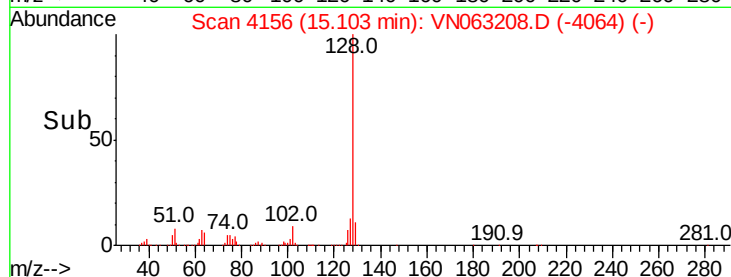
129 10.8 8.6 13.0



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: 51.490 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063208.D

Acq: 3 Sep 2020 10:00

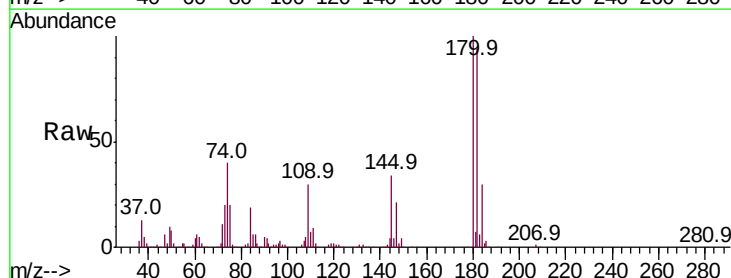
Tgt Ion:180 Resp: 285811

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

145 33.9 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

