

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090920\
 Data File : VN063271.D
 Acq On : 9 Sep 2020 10:08
 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 09 15:32:41 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	458322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	812647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	721927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	347811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	338980	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
35) Dibromofluoromethane	7.55	113	251086	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.06	98	958482	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.38	95	361903	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	199891	44.285	ug/l	98
3) Chloromethane	2.04	50	277042	42.151	ug/l	98
4) Vinyl Chloride	2.17	62	291942	40.211	ug/l	100
5) Bromomethane	2.52	94	190935	31.242	ug/l	97
6) Chloroethane	2.67	64	190383	32.980	ug/l	98
7) Trichlorofluoromethane	2.98	101	456436	45.199	ug/l	98
8) Diethyl Ether	3.37	74	162042	46.647	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	249863	50.632	ug/l	98
10) Methyl Iodide	3.91	142	307768	45.727	ug/l	98
11) Tert butyl alcohol	4.72	59	210173	228.531	ug/l	99
12) 1,1-Dichloroethene	3.70	96	240384	47.804	ug/l	99
13) Acrolein	3.57	56	48581	145.767	ug/l	97
14) Allyl chloride	4.27	41	479627	53.706	ug/l	98
15) Acrylonitrile	4.93	53	603355	234.365	ug/l	100
16) Acetone	3.77	43	604403	283.781	ug/l	99
17) Carbon Disulfide	4.01	76	663041	44.300	ug/l	98
18) Methyl Acetate	4.27	43	313067	57.328	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	871206	46.703	ug/l	99
20) Methylene Chloride	4.50	84	282488	47.141	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	266863	48.036	ug/l	97
22) Diisopropyl ether	5.90	45	993119	49.624	ug/l	95
23) Vinyl Acetate	5.84	43	3975764	248.974	ug/l	96
24) 1,1-Dichloroethane	5.79	63	541290	49.062	ug/l	97
25) 2-Butanone	6.78	43	863752	261.916	ug/l	99
26) 2,2-Dichloropropane	6.77	77	482941	48.314	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	312412	46.265	ug/l	95
28) Bromochloromethane	7.15	49	286235	49.659	ug/l	99
29) Tetrahydrofuran	7.16	42	549870	241.140	ug/l	96
30) Chloroform	7.33	83	540586	46.834	ug/l	100
31) Cyclohexane	7.61	56	458167	47.020	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	472130	47.467	ug/l	99
36) 1,1-Dichloropropene	7.75	75	403536	51.654	ug/l	99
37) Ethyl Acetate	6.87	43	364785	49.453	ug/l #	96
38) Carbon Tetrachloride	7.73	117	407390	51.420	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	427024	48.655	ug/l	95
40) Benzene	8.00	78	1153803	50.258	ug/l	99
41) Methacrylonitrile	7.16	41	528606	160.613	ug/l #	20
42) 1,2-Dichloroethane	8.08	62	449261	52.388	ug/l	98
43) Isopropyl Acetate	8.12	43	670910	52.658	ug/l	99
44) Trichloroethene	8.80	130	303287	54.464	ug/l	100
45) 1,2-Dichloropropane	9.08	63	319123	52.501	ug/l	98
46) Dibromomethane	9.17	93	205575	51.035	ug/l	98
47) Bromodichloromethane	9.37	83	440494	51.018	ug/l	100
48) Methyl methacrylate	9.16	41	315139	54.868	ug/l	95
49) 1,4-Dioxane	9.17	88	85079	957.704	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	1842791	266.166	ug/l	100
52) Toluene	10.12	92	713848	49.915	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	484560	51.306	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	522772	52.732	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	274443	50.109	ug/l	97
56) Ethyl methacrylate	10.40	69	425861	51.093	ug/l	97
57) 1,3-Dichloropropane	10.68	76	491429	50.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2287618	530.008	ug/l	96
59) 2-Hexanone	10.72	43	1373972	282.379	ug/l	97
60) Dibromochloromethane	10.87	129	317427	52.423	ug/l	100
61) 1,2-Dibromoethane	10.98	107	279579	49.105	ug/l	97
64) Tetrachloroethene	10.60	164	301327	58.125	ug/l	98
65) Chlorobenzene	11.41	112	751405	51.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	285550	52.894	ug/l	98
67) Ethyl Benzene	11.48	91	1411618	53.216	ug/l	99
68) m/p-Xylenes	11.59	106	1025143	104.347	ug/l	97
69) o-Xylene	11.92	106	498986	52.576	ug/l	97
70) Styrene	11.94	104	844657	51.785	ug/l	97
71) Bromoform	12.10	173	198288	54.123	ug/l #	99
73) Isopropylbenzene	12.23	105	1349807	50.599	ug/l	100
74) N-amyl acetate	12.04	43	569828	51.569	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	352580	45.843	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	518460	75.868	ug/l #	100
77) Bromobenzene	12.50	156	303686	50.336	ug/l	99
78) n-propylbenzene	12.57	91	1581717	51.239	ug/l	100
79) 2-Chlorotoluene	12.65	91	941154	50.904	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1147192	51.664	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	137480	48.624	ug/l	97
82) 4-Chlorotoluene	12.75	91	996972	51.992	ug/l	98
83) tert-Butylbenzene	12.97	119	946939	49.726	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	1154607	51.587	ug/l	97
85) sec-Butylbenzene	13.15	105	1233850	49.714	ug/l	100
86) p-Isopropyltoluene	13.26	119	1127863	51.186	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	566124	51.079	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	567024	49.408	ug/l	98
89) n-Butylbenzene	13.59	91	1033867	50.788	ug/l	99
90) Hexachloroethane	13.85	117	192266	47.136	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	559464	52.017	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	84517	49.984	ug/l	94

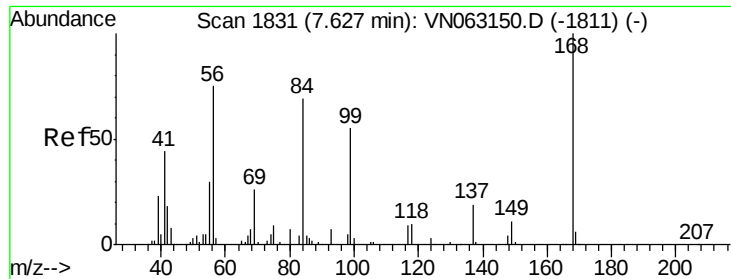
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	323957	53.913	ug/l	100
94) Hexachlorobutadiene	14.98	225	118874	52.957	ug/l	97
95) Naphthalene	15.10	128	952210	47.497	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	299105	51.092	ug/l	99

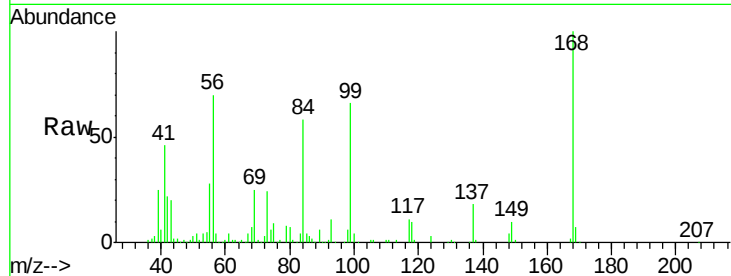
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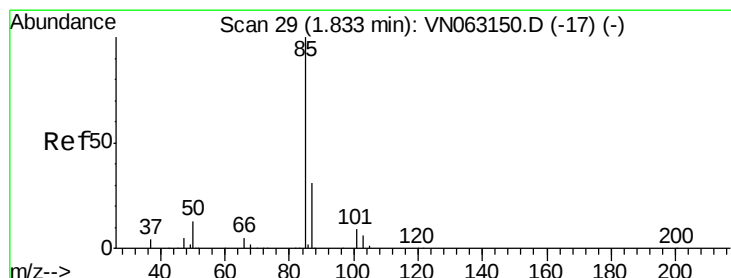
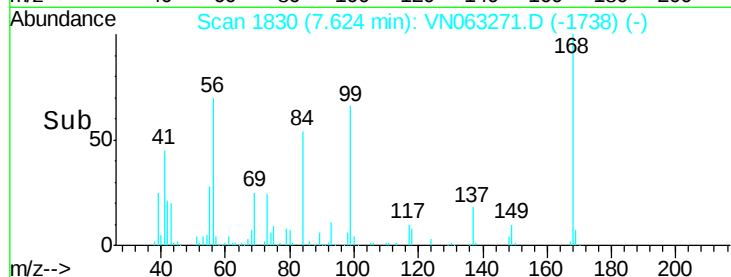
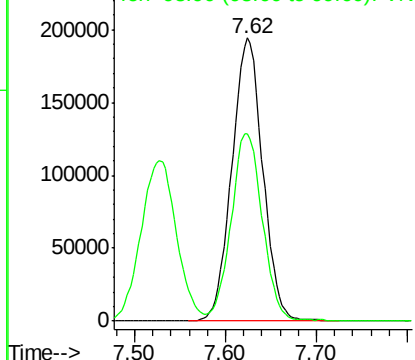
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 168 Resp: 458322
Ion Ratio Lower Upper
168 100
99 66.1 54.2 81.2

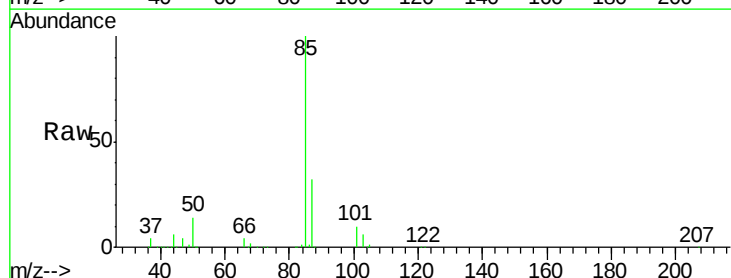


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VNO

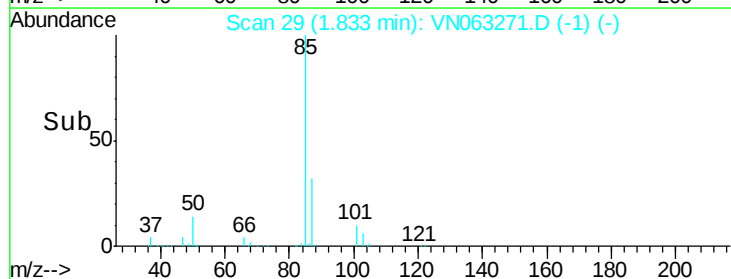
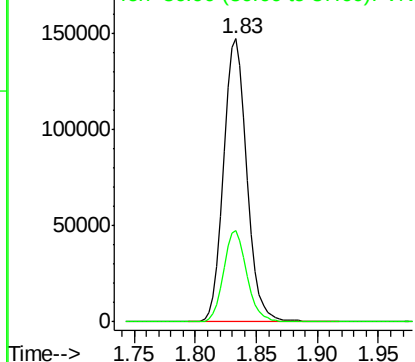


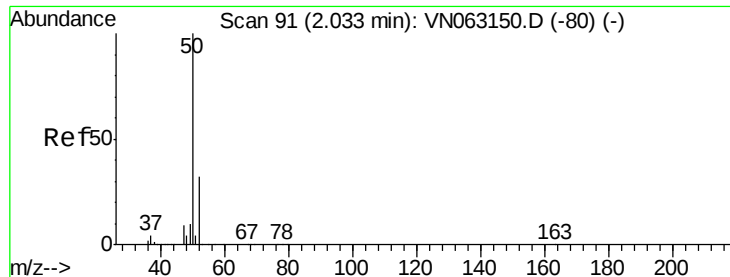
#2
Dichlorodifluoromethane
Concen: 44.285 ug/l
RT: 1.83 min Scan# 29
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 85 Resp: 199891
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO
Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 42.151 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

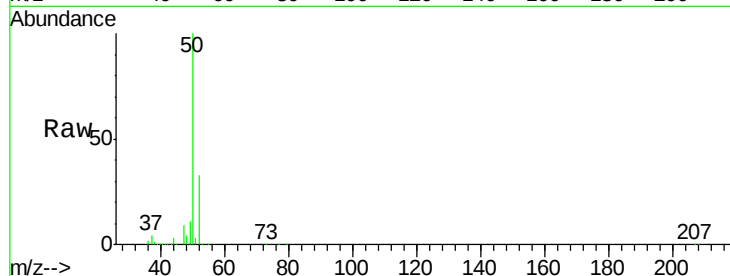
VSTDCCC050

Tgt Ion: 50 Resp: 277042

Ion Ratio Lower Upper

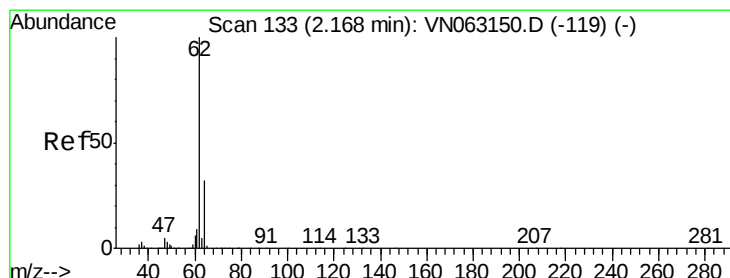
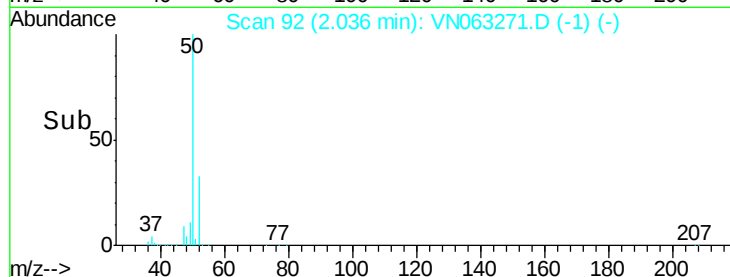
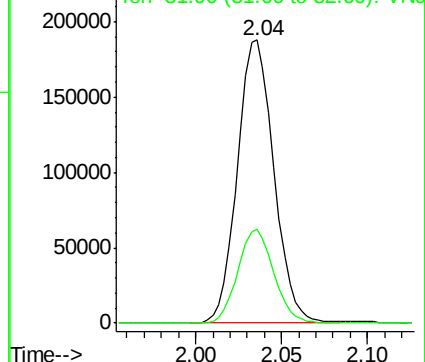
50 100

52 33.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 40.211 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063271.D

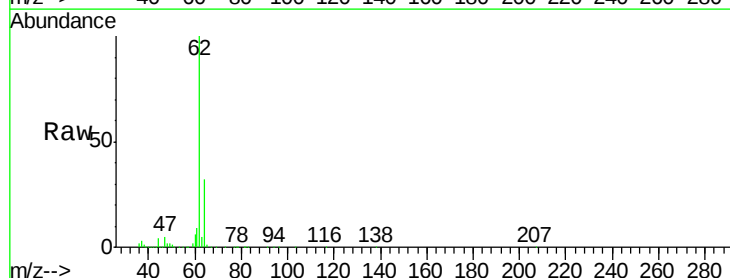
Acq: 9 Sep 2020 10:08

Tgt Ion: 62 Resp: 291942

Ion Ratio Lower Upper

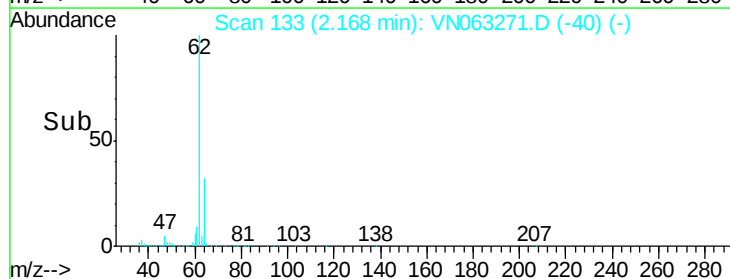
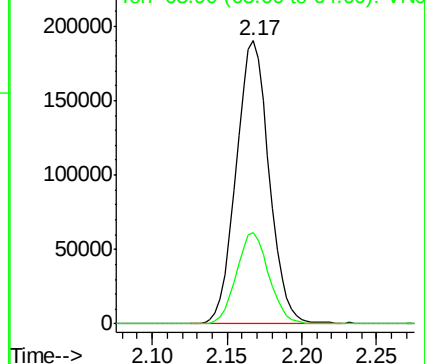
62 100

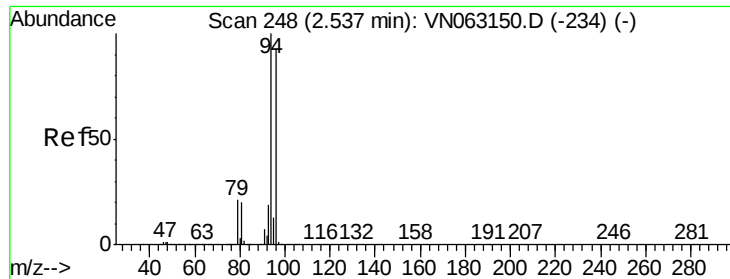
64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 31.242 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.02 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

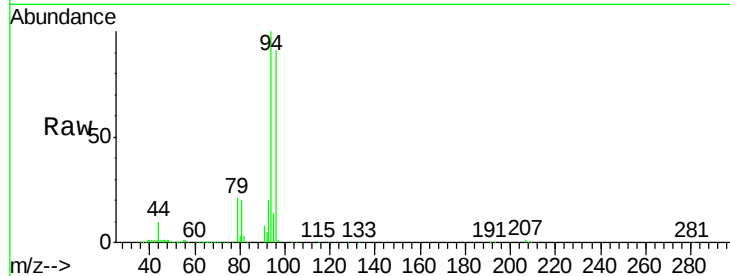
VSTDCCC050

Tgt Ion: 94 Resp: 190935

Ion Ratio Lower Upper

94 100

96 90.6 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

100000

80000

60000

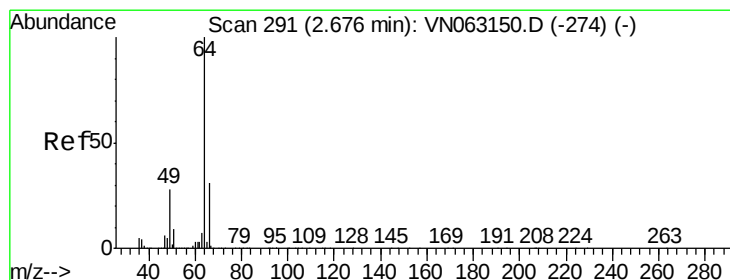
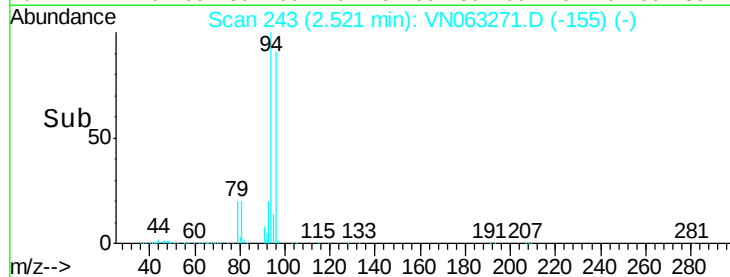
40000

20000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 32.980 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN063271.D

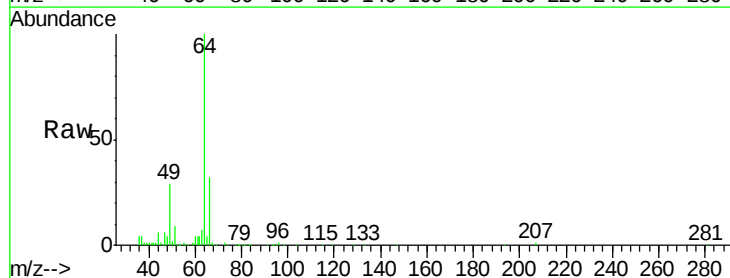
Acq: 9 Sep 2020 10:08

Tgt Ion: 64 Resp: 190383

Ion Ratio Lower Upper

64 100

66 31.8 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

100000

80000

60000

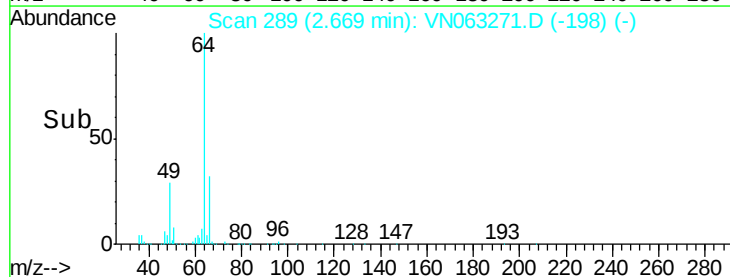
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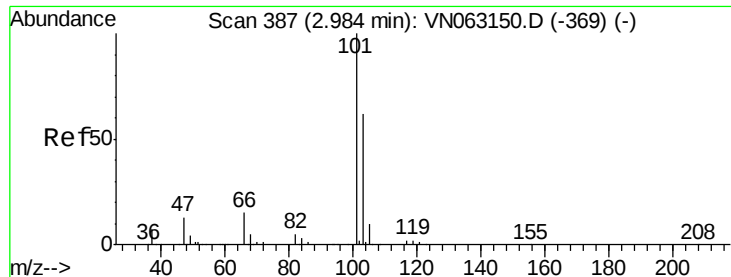
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0

Time-->

2.60 2.65 2.70 2.75



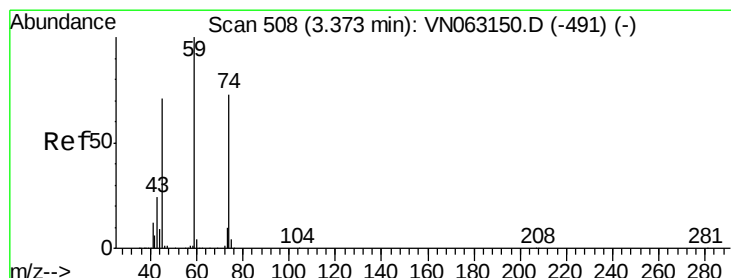
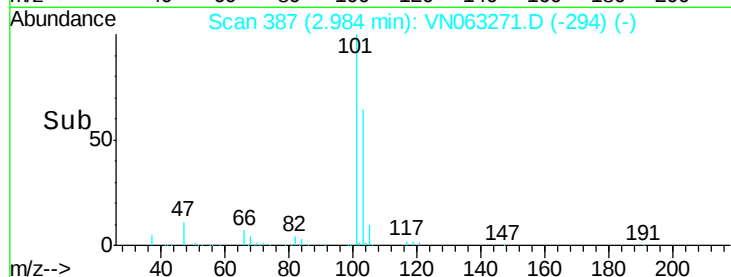
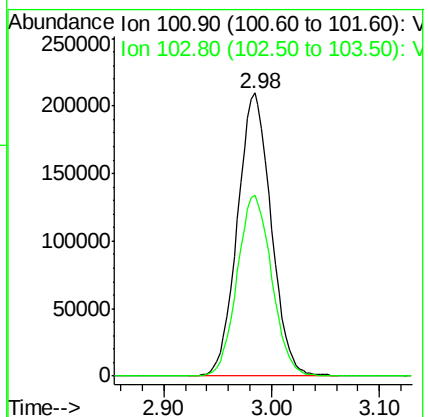
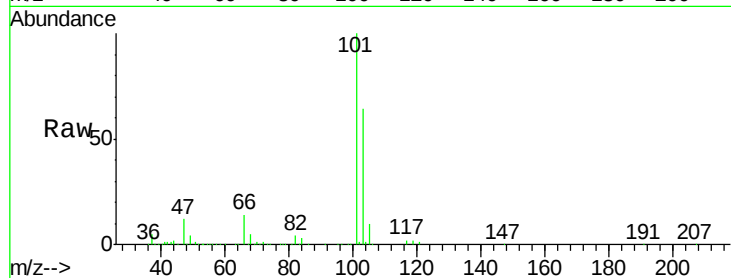


#7

Trichlorofluoromethane
Concen: 45.199 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
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ClientSampleId :
VSTDCCC050

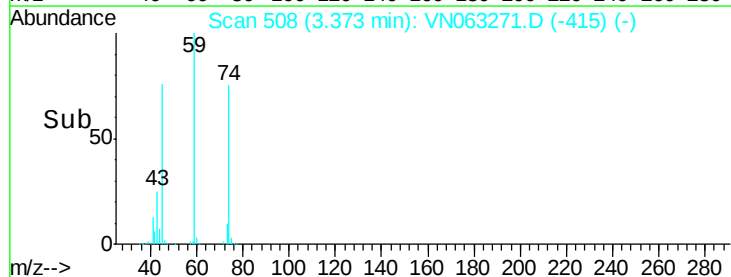
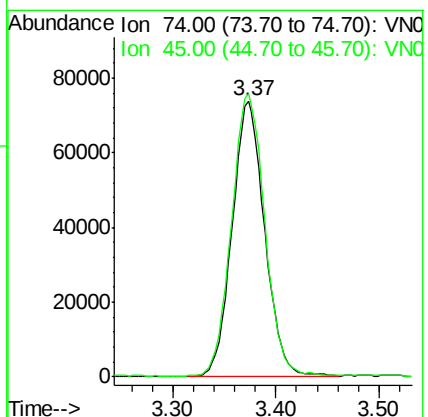
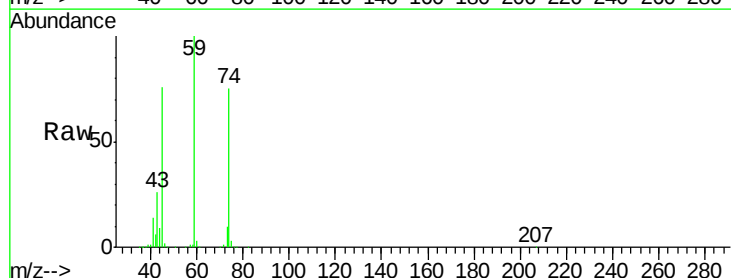
Tgt Ion:101 Resp: 456436
Ion Ratio Lower Upper
101 100
103 63.8 49.7 74.5

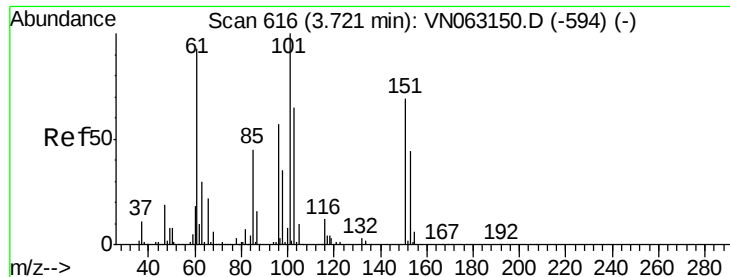


#8

Diethyl Ether
Concen: 46.647 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 74 Resp: 162042
Ion Ratio Lower Upper
74 100
45 104.3 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.632 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

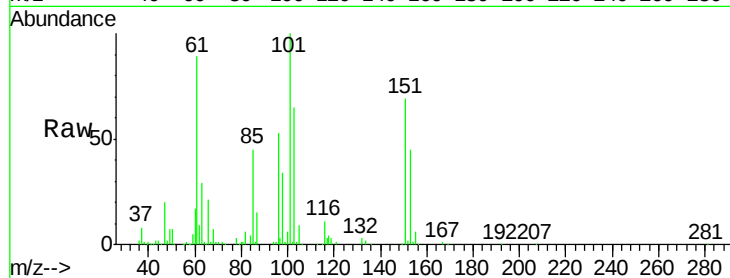
Tgt Ion:101 Resp: 249863

Ion Ratio Lower Upper

101 100

85 46.9 37.8 56.8

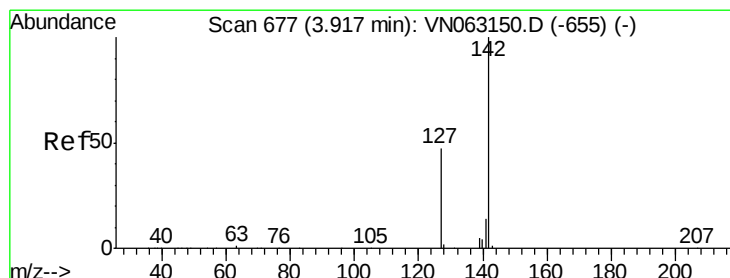
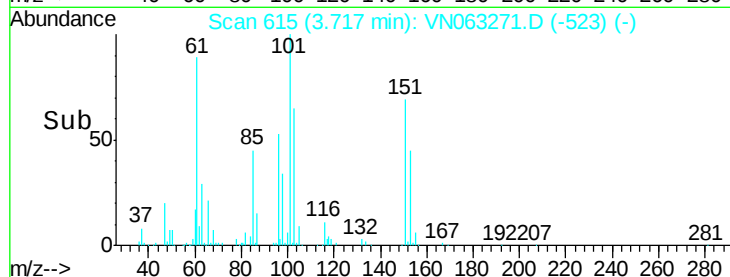
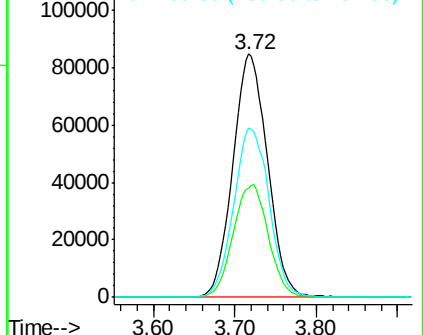
151 71.1 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.727 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

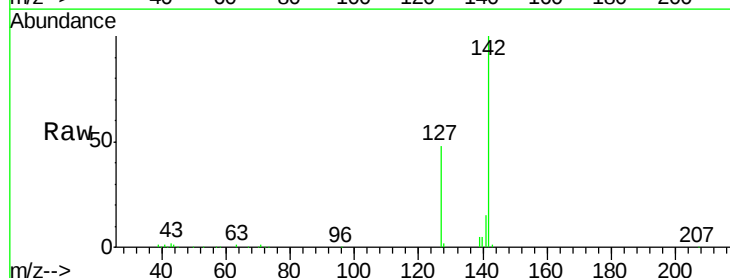
Tgt Ion:142 Resp: 307768

Ion Ratio Lower Upper

142 100

127 48.4 37.6 56.4

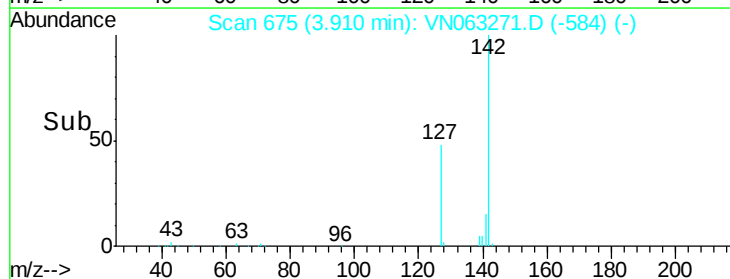
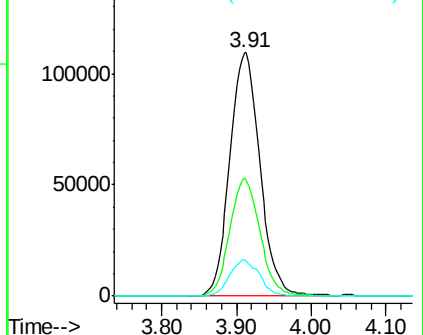
141 14.7 11.3 16.9

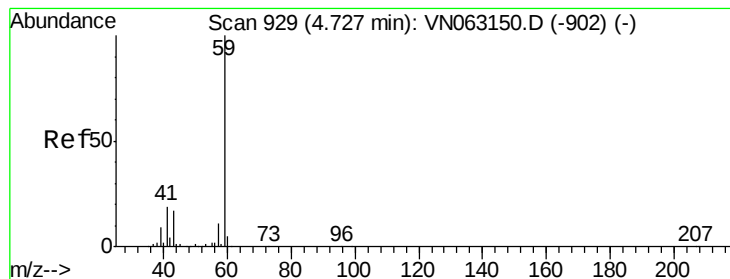


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



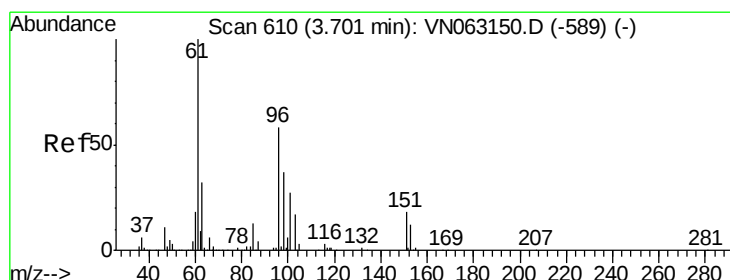
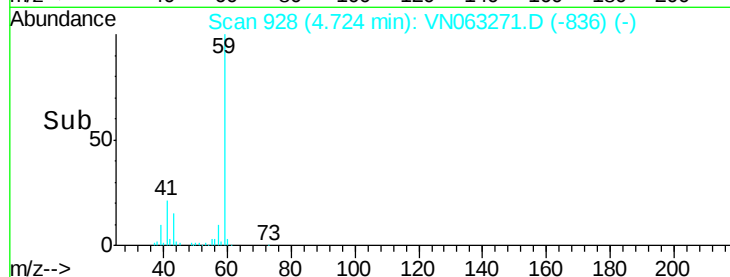
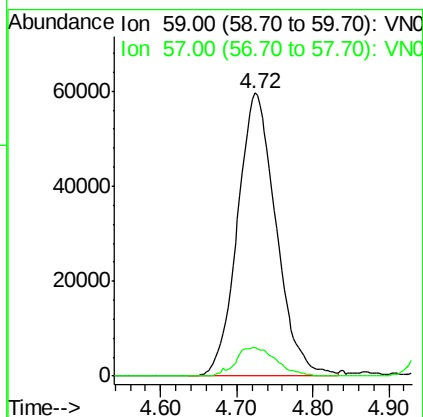
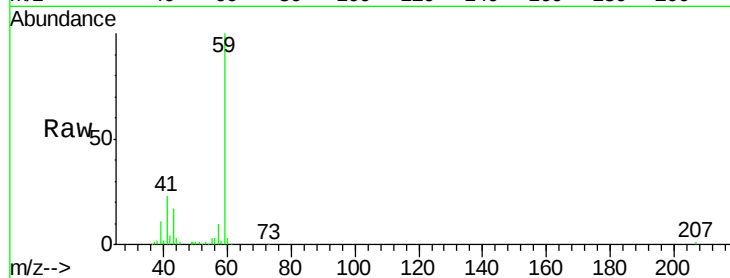


#11

Tert butyl alcohol
 Concen: 228.531 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

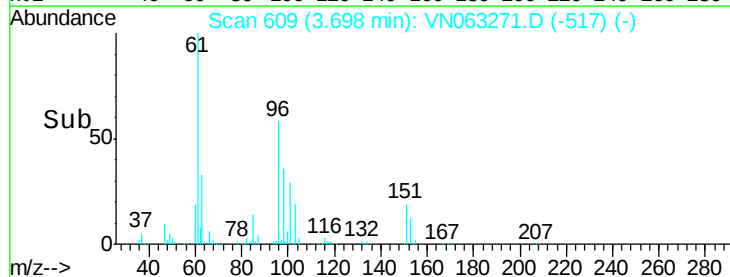
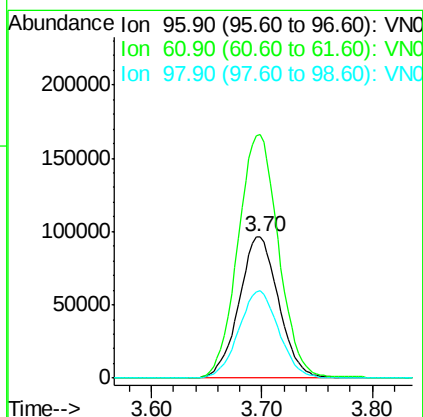
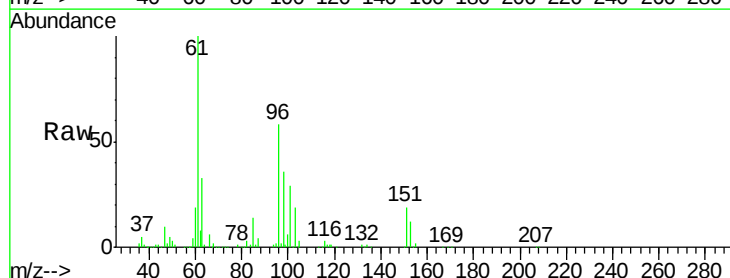
Tgt Ion: 59 Resp: 210173
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

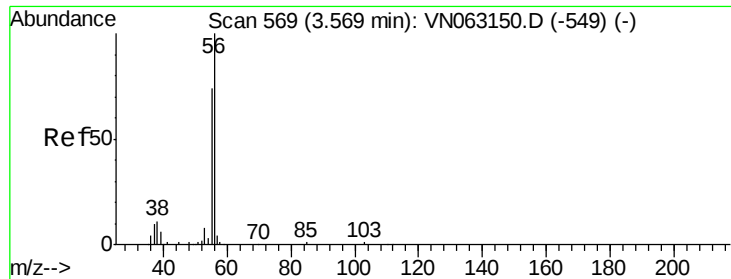


#12

1,1-Dichloroethene
 Concen: 47.804 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion: 96 Resp: 240384
 Ion Ratio Lower Upper
 96 100
 61 172.2 137.4 206.2
 98 61.6 50.5 75.7





#13

Acrolein

Concen: 145.767 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

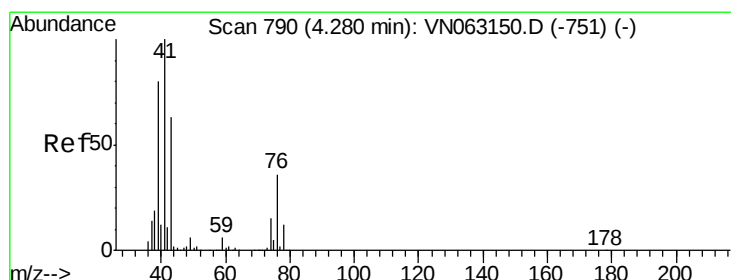
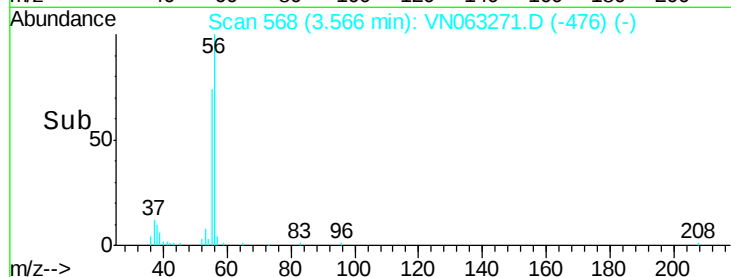
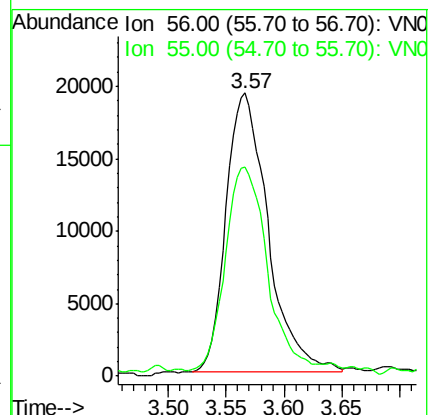
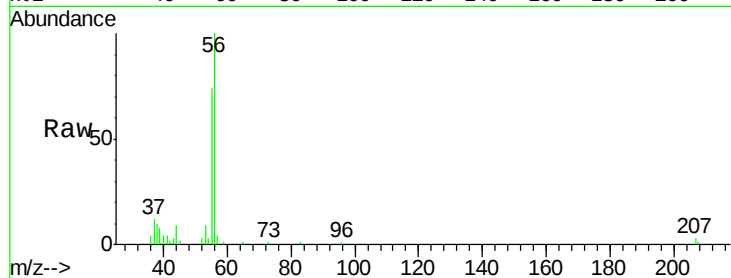
VSTDCCC050

Tgt Ion: 56 Resp: 48581

Ion Ratio Lower Upper

56 100

55 71.9 55.4 83.0



#14

Allyl chloride

Concen: 53.706 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

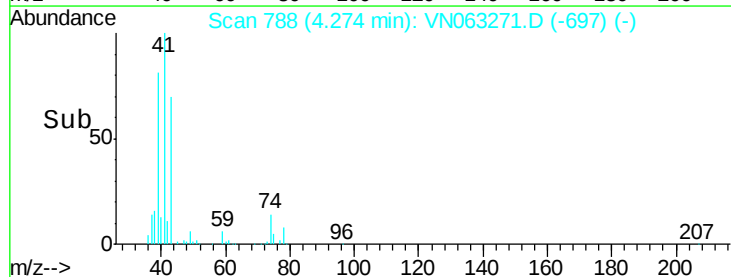
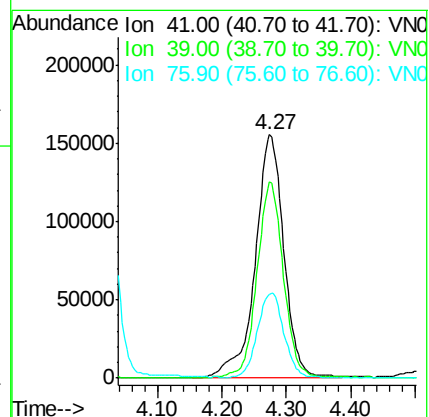
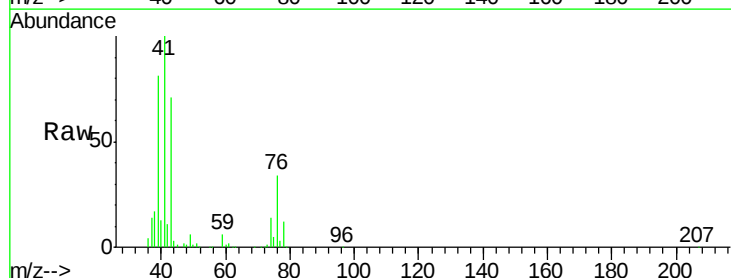
Tgt Ion: 41 Resp: 479627

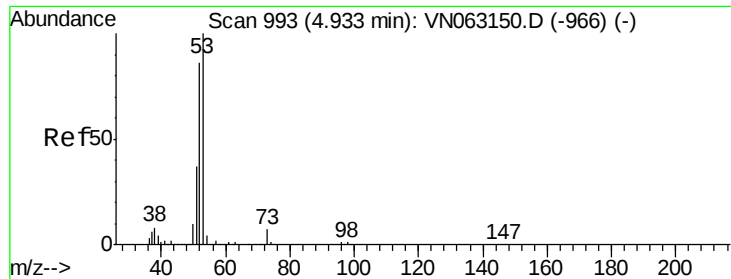
Ion Ratio Lower Upper

41 100

39 74.2 60.2 90.2

76 32.0 27.7 41.5





#15

Acrylonitrile

Concen: 234.365 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

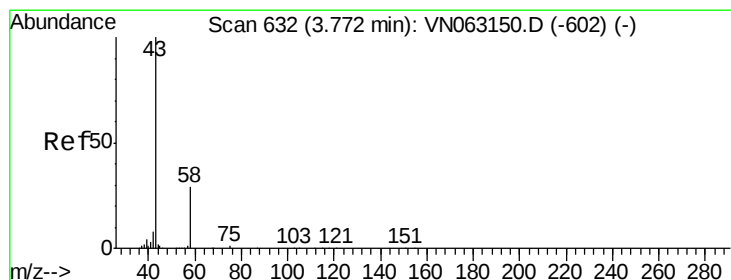
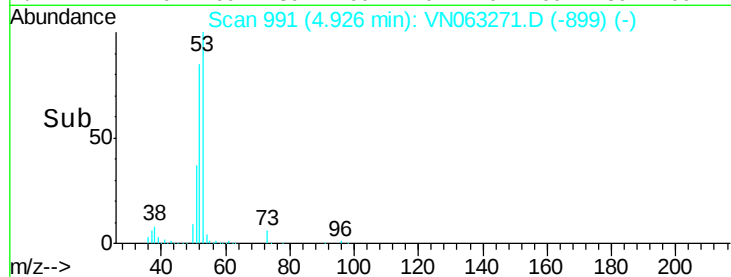
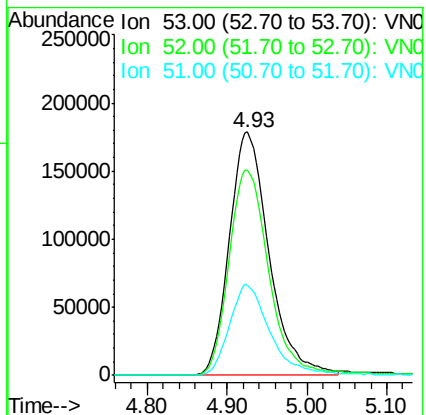
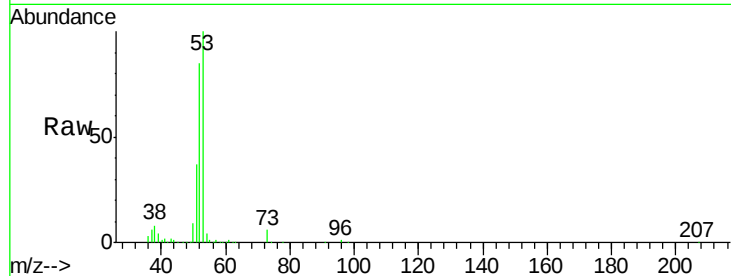
Tgt Ion: 53 Resp: 603355

Ion Ratio Lower Upper

53 100

52 84.4 67.2 100.8

51 37.7 30.2 45.4



#16

Acetone

Concen: 283.781 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.00 min

Lab File: VN063271.D

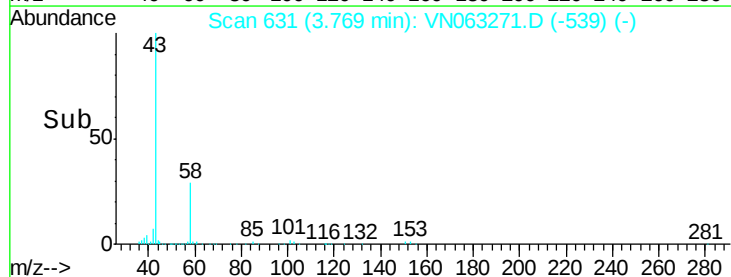
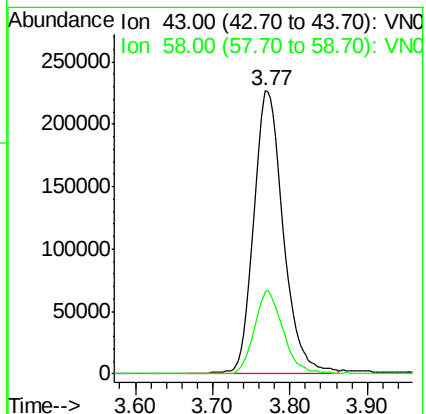
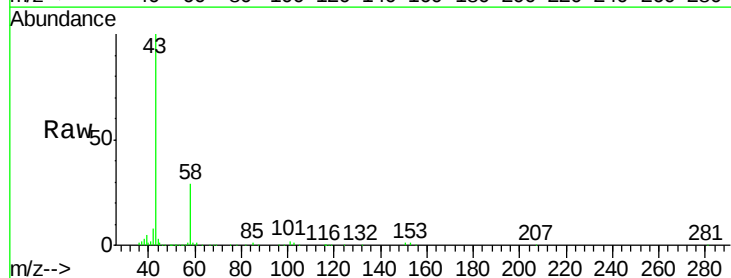
Acq: 9 Sep 2020 10:08

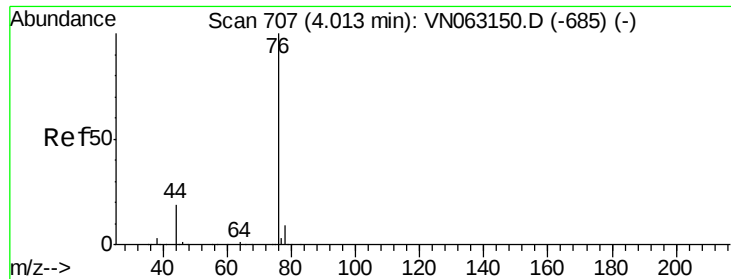
Tgt Ion: 43 Resp: 604403

Ion Ratio Lower Upper

43 100

58 29.2 23.1 34.7

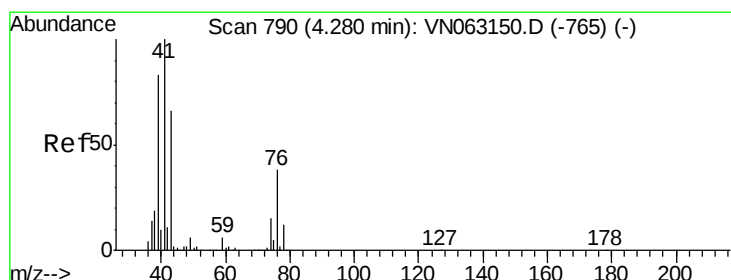
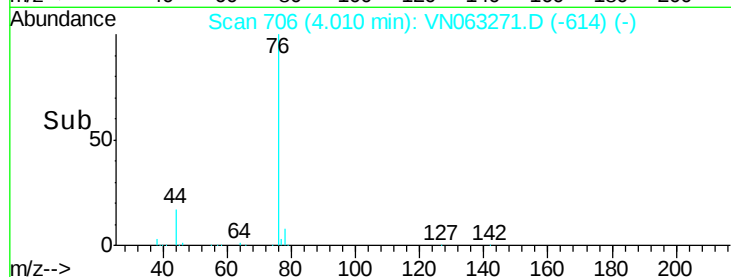
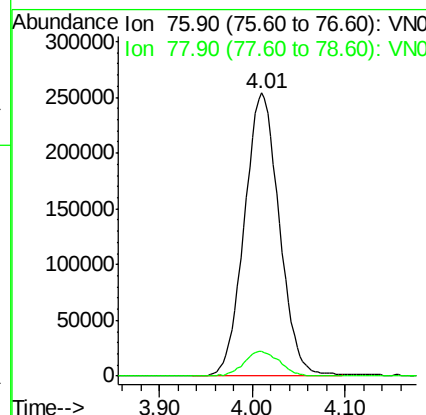
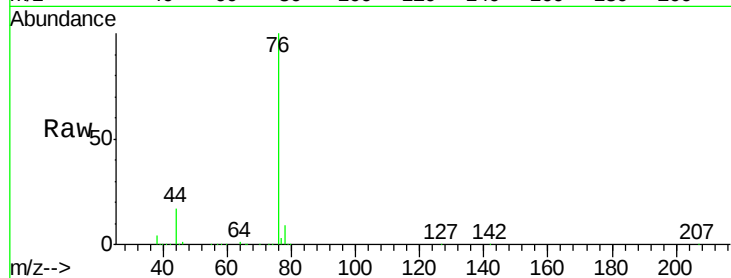




#17
Carbon Disulfide
Concen: 44.300 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

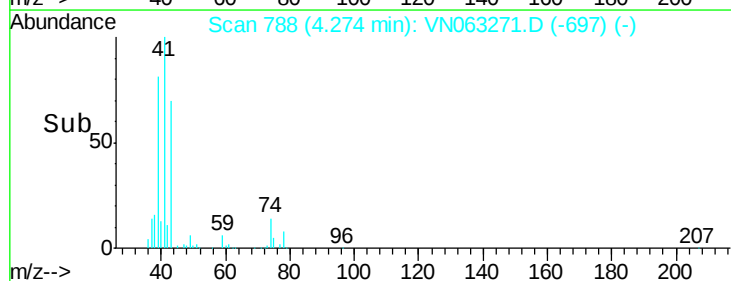
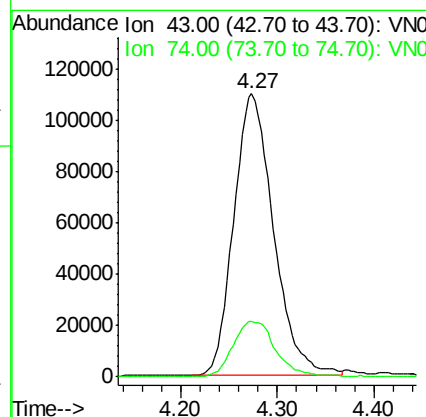
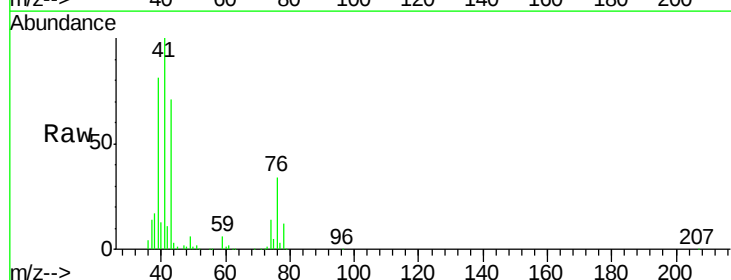
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

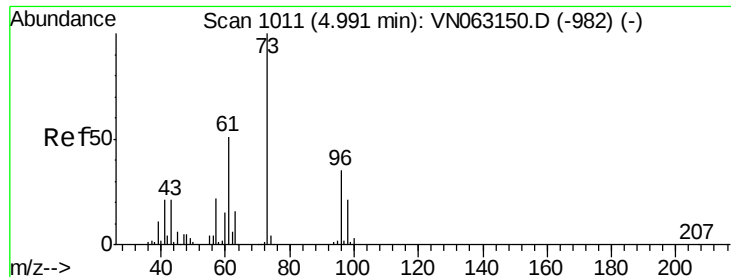
Tgt Ion: 76 Resp: 663041
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 57.328 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 43 Resp: 313067
Ion Ratio Lower Upper
43 100
74 21.0 19.0 28.6

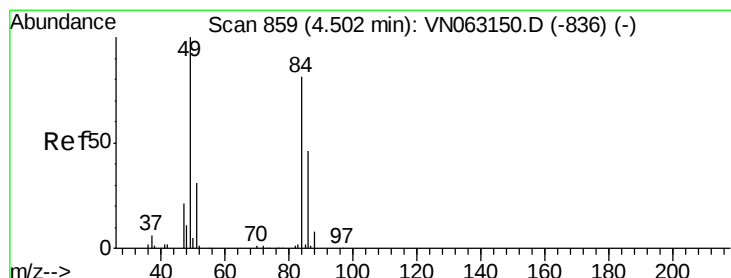
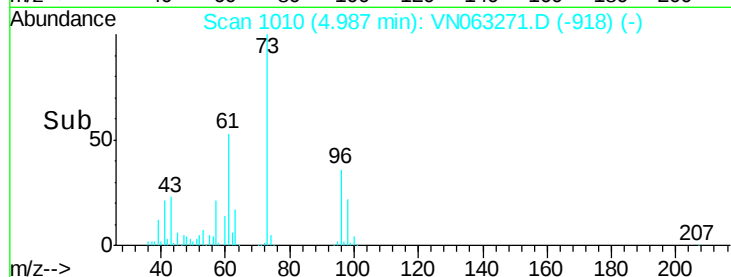
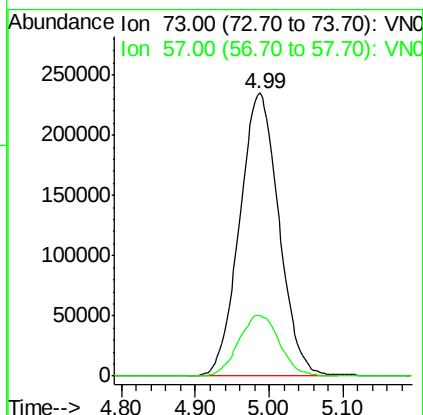
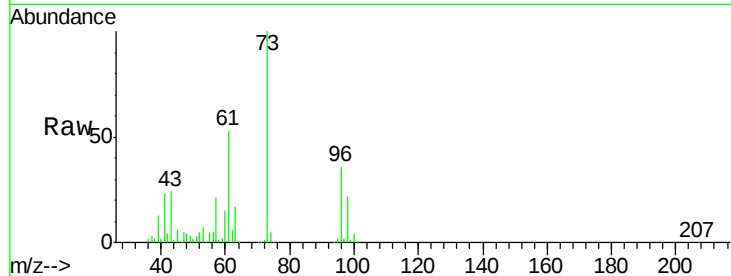




#19
Methyl tert-butyl Ether
Concen: 46.703 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

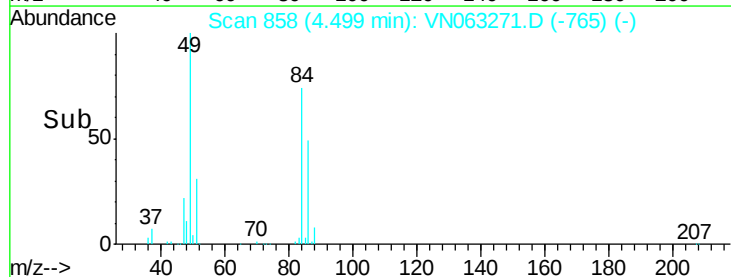
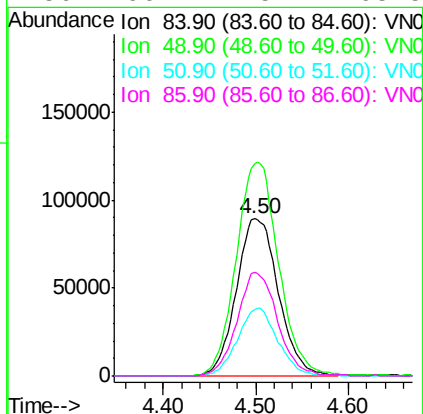
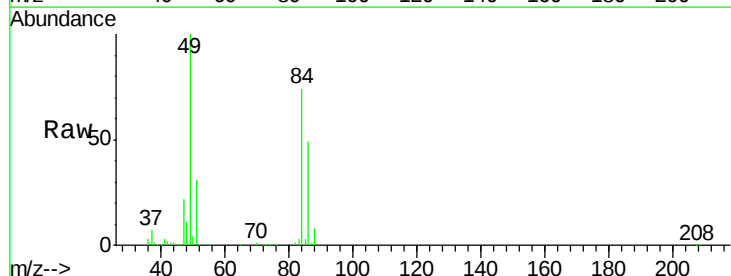
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

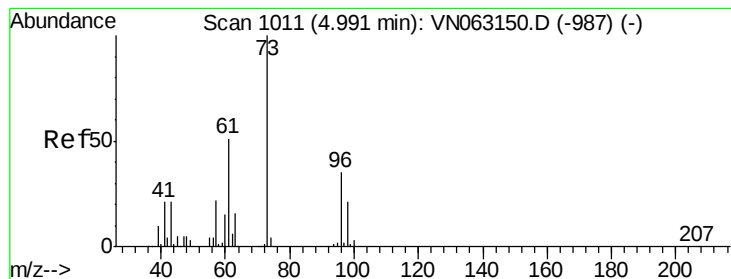
Tgt Ion: 73 Resp: 871206
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4



#20
Methylene Chloride
Concen: 47.141 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 84 Resp: 282488
Ion Ratio Lower Upper
84 100
49 134.6 98.4 147.6
51 42.2 30.4 45.6
86 66.2 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 48.036 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

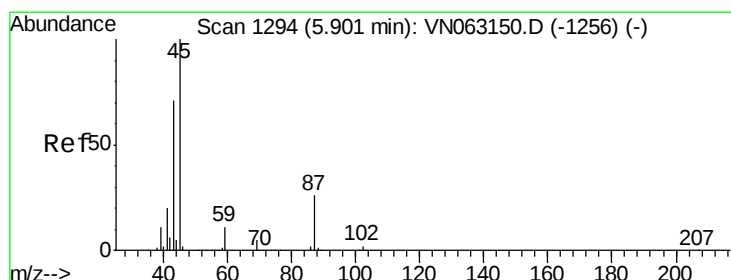
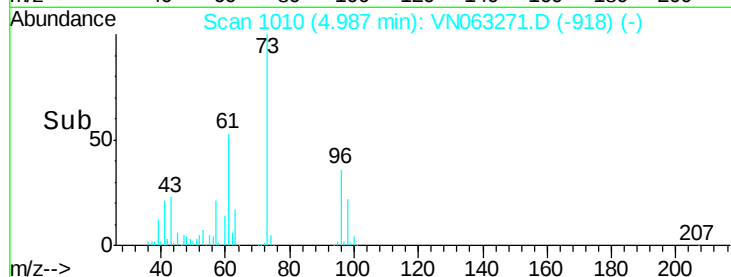
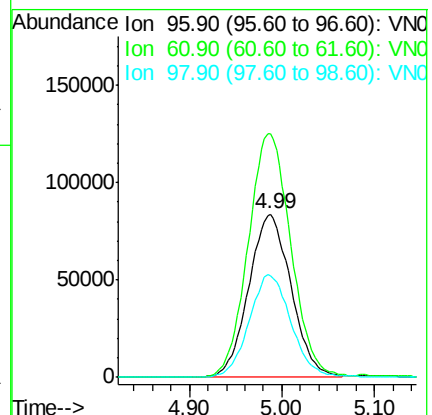
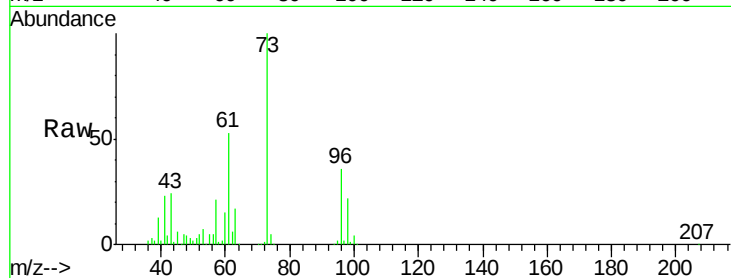
Tgt Ion: 96 Resp: 266863

Ion Ratio Lower Upper

96 100

61 149.3 116.2 174.4

98 62.5 48.0 72.0



#22

Diisopropyl ether

Concen: 49.624 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Tgt Ion: 45 Resp: 993119

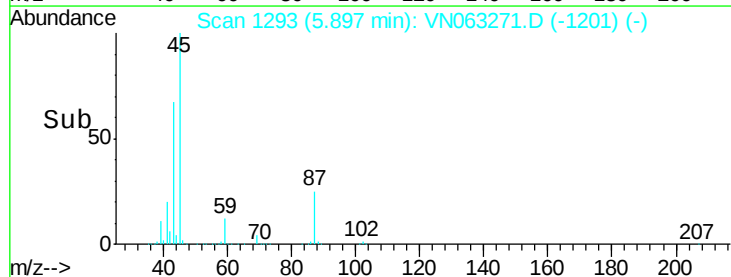
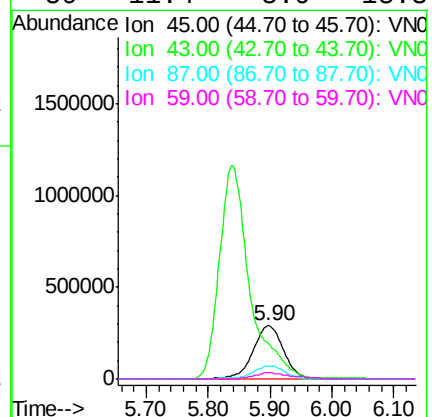
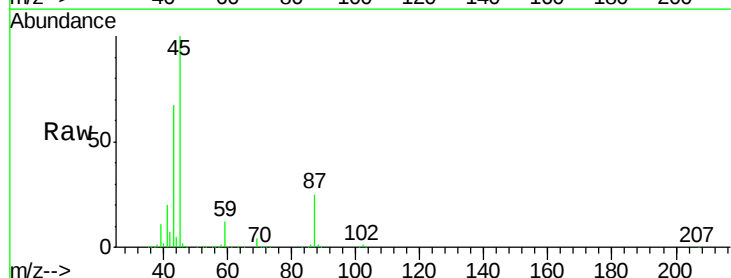
Ion Ratio Lower Upper

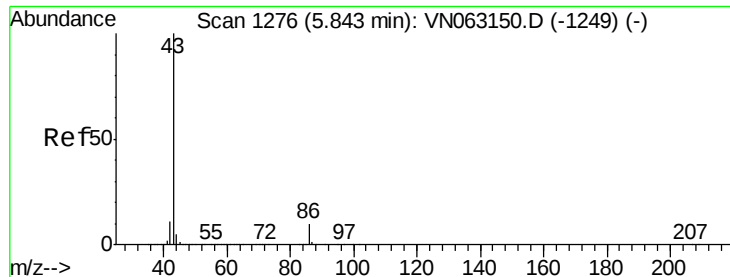
45 100

43 66.0 56.8 85.2

87 24.6 21.1 31.7

59 11.4 8.9 13.3

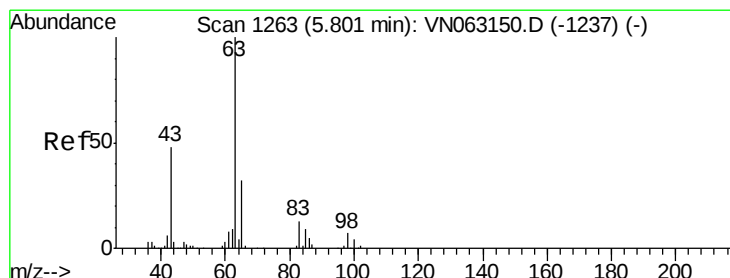
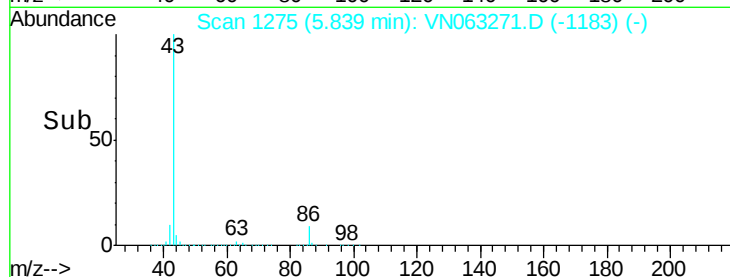
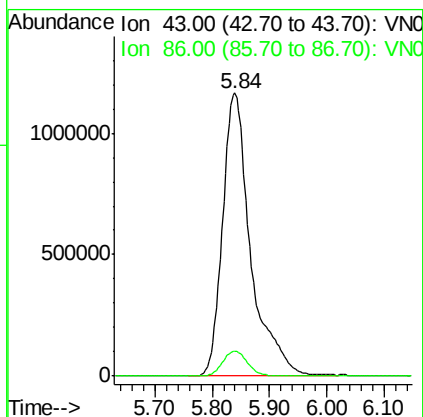
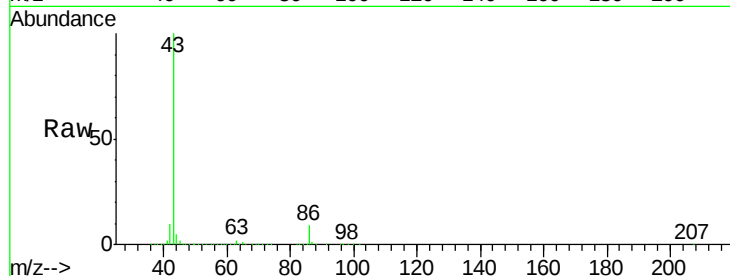




#23
 Vinyl Acetate
 Concen: 248.974 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

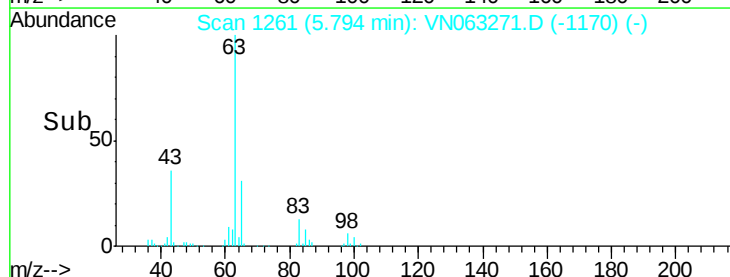
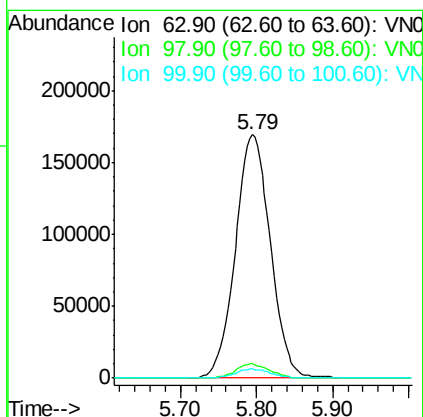
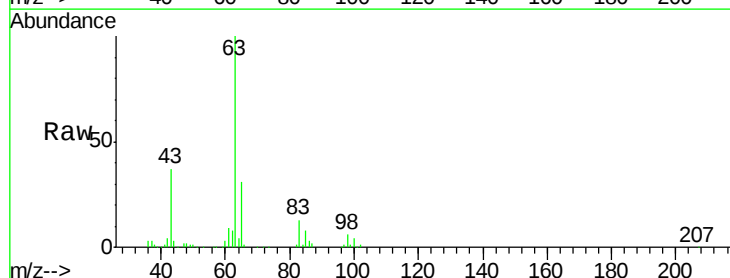
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

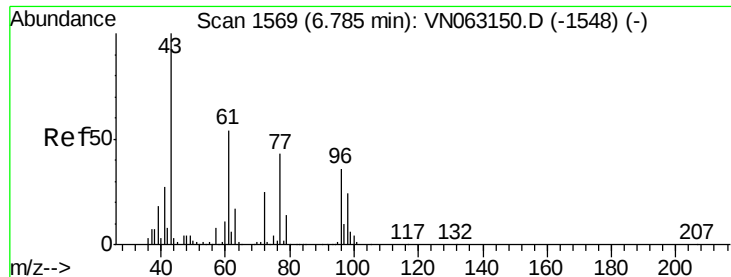
Tgt Ion: 43 Resp: 3975764
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 49.062 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion: 63 Resp: 541290
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.4 10.1
 100 3.7 2.3 6.8

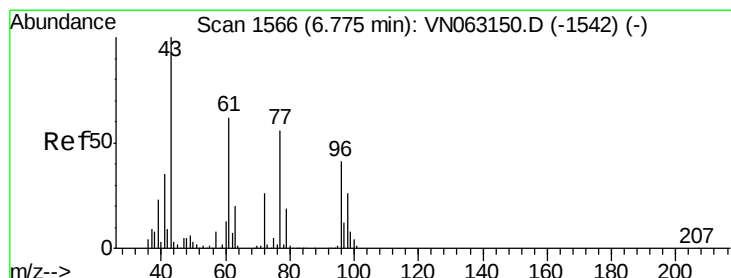
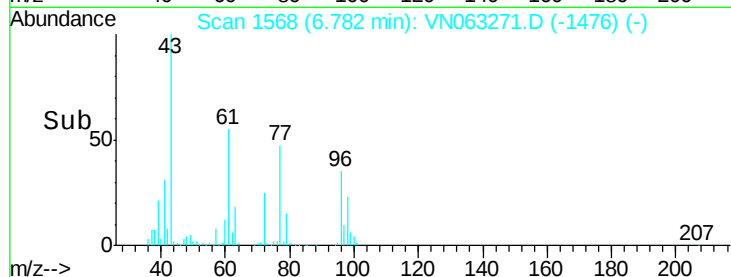
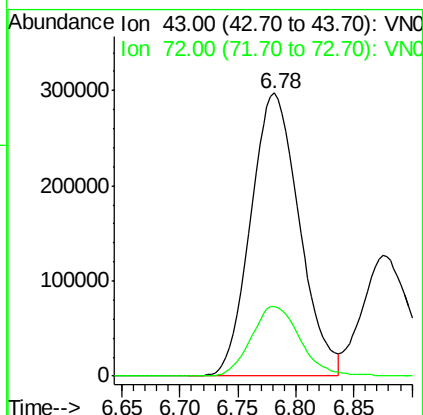
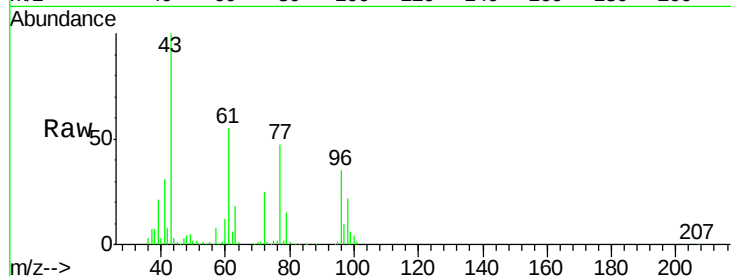




#25
2-Butanone
Concen: 261.916 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

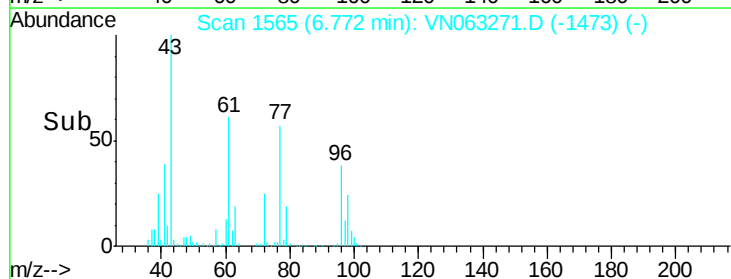
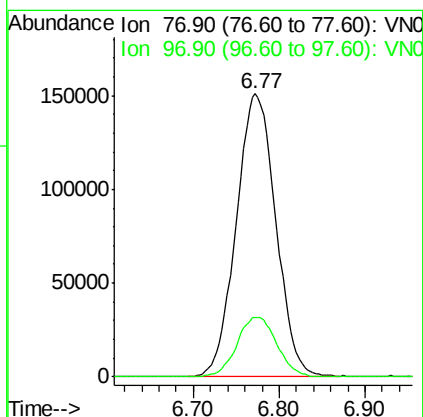
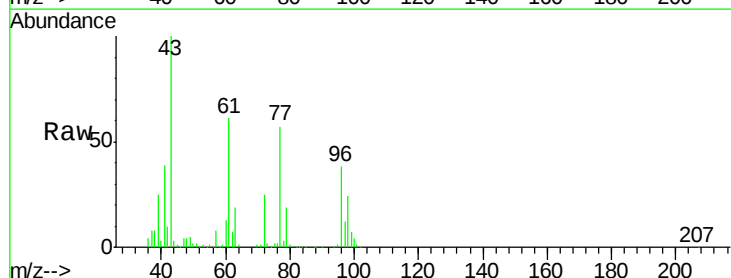
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

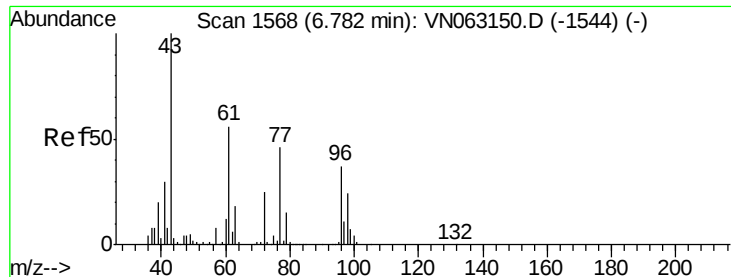
Tgt Ion: 43 Resp: 863752
Ion Ratio Lower Upper
43 100
72 24.8 20.2 30.4



#26
2,2-Dichloropropane
Concen: 48.314 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 77 Resp: 482941
Ion Ratio Lower Upper
77 100
97 21.3 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 46.265 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

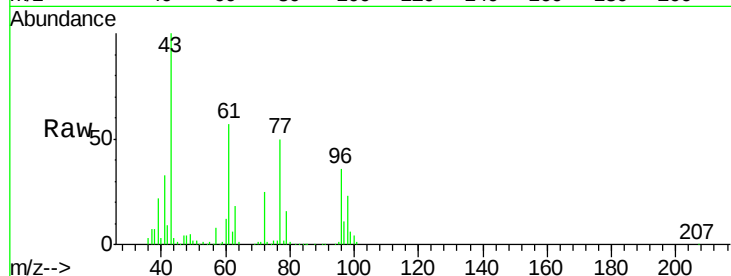
Tgt Ion: 96 Resp: 312412

Ion Ratio Lower Upper

96 100

61 159.9 0.0 303.2

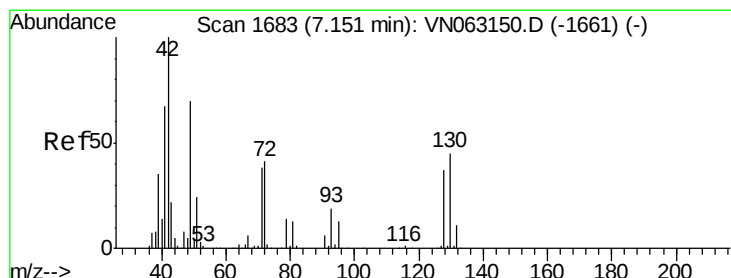
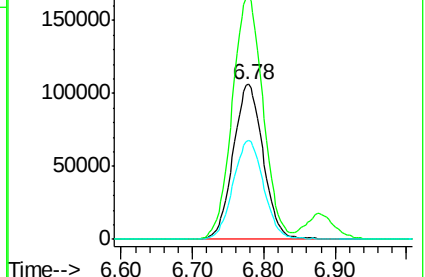
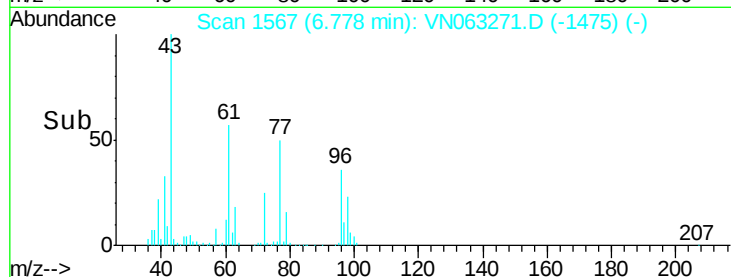
98 64.6 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN063271.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN063271.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN063271.D (-1475) (-)



#28

Bromochloromethane

Concen: 49.659 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

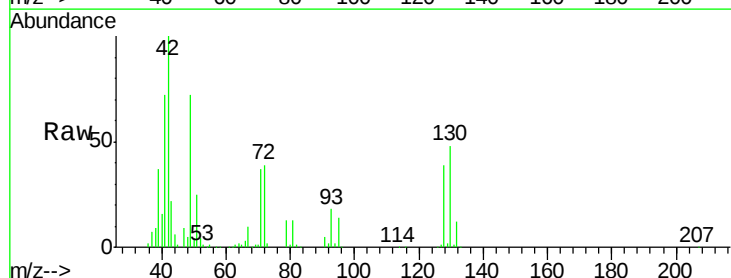
Tgt Ion: 49 Resp: 286235

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.0

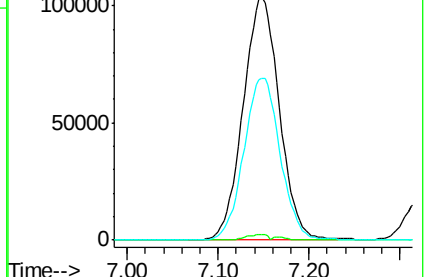
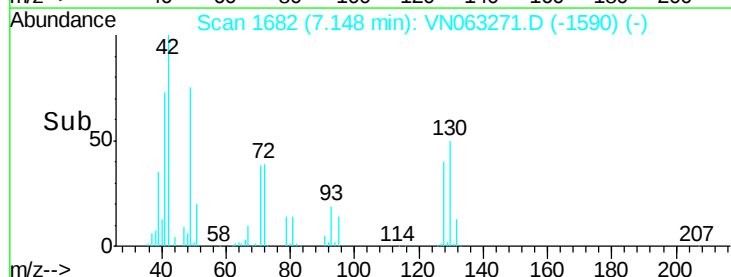
130 66.8 54.4 81.6

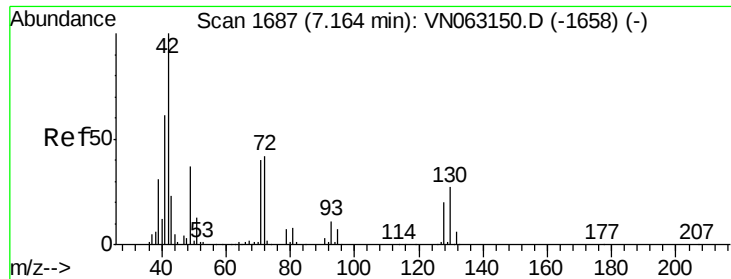


Abundance Ion 48.90 (48.60 to 49.60): VN063271.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063271.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063271.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 241.140 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

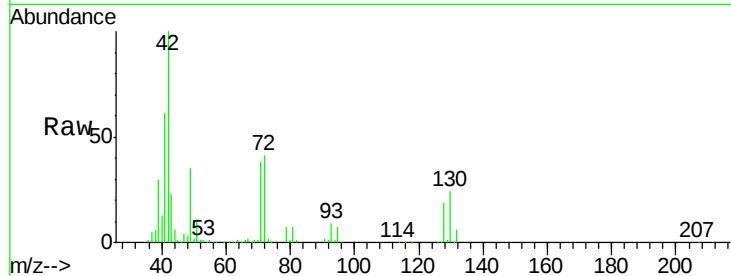
Tgt Ion: 42 Resp: 549870

Ion Ratio Lower Upper

42 100

72 39.9 33.9 50.9

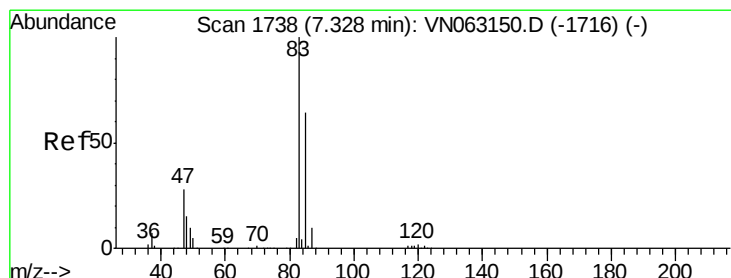
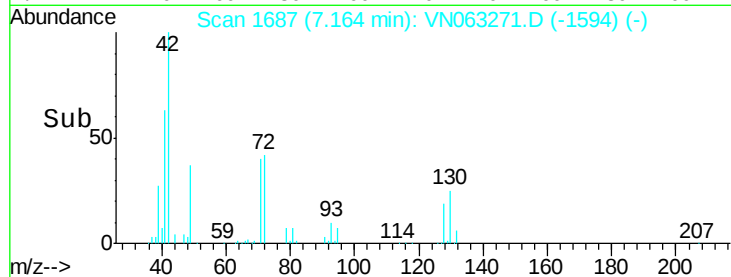
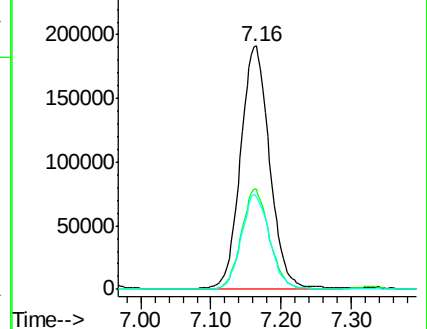
71 38.0 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN063271.D (-1594) (-)

Ion 72.00 (71.70 to 72.70): VN063271.D (-1594) (-)

Ion 71.00 (70.70 to 71.70): VN063271.D (-1594) (-)



#30

Chloroform

Concen: 46.834 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063271.D

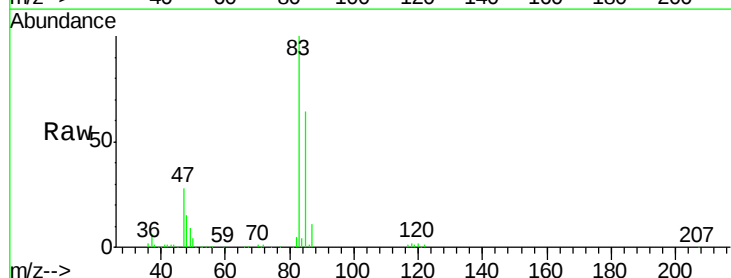
Acq: 9 Sep 2020 10:08

Tgt Ion: 83 Resp: 540586

Ion Ratio Lower Upper

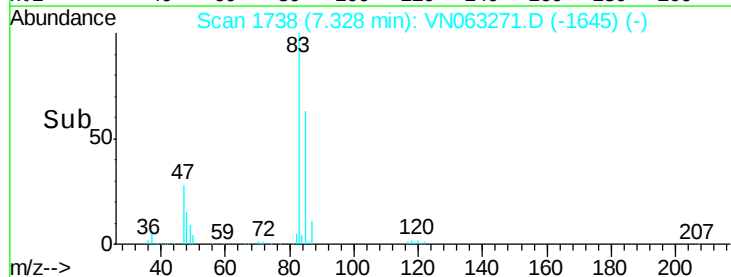
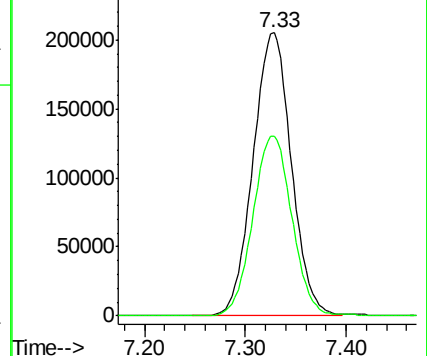
83 100

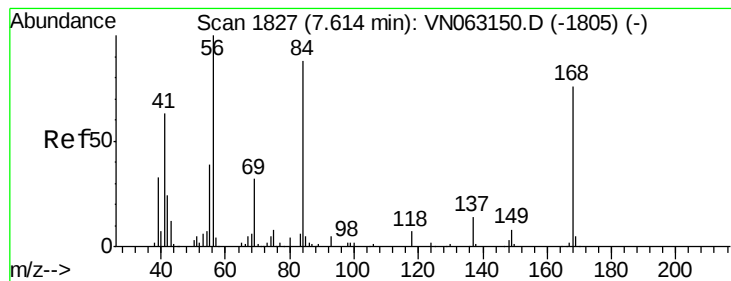
85 63.7 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN063271.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN063271.D (-1645) (-)





#31

Cyclohexane

Concen: 47.020 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

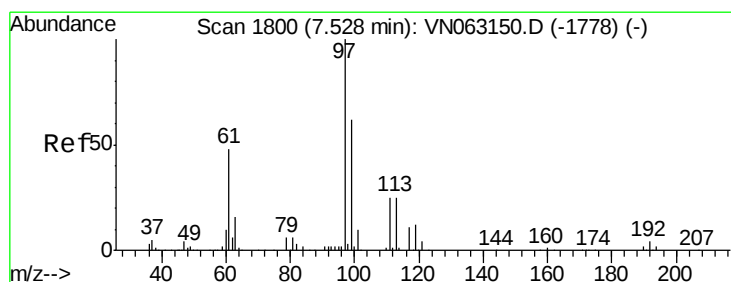
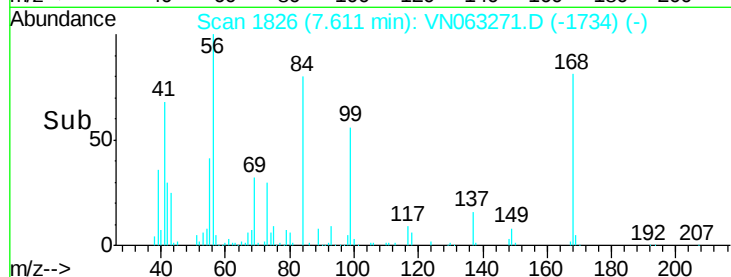
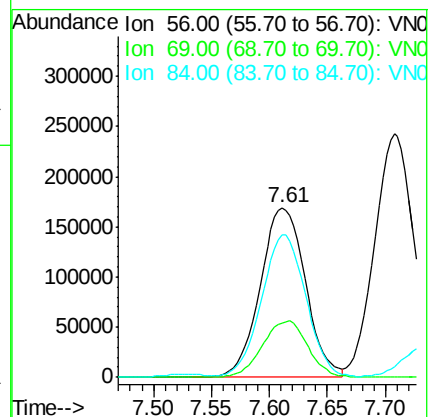
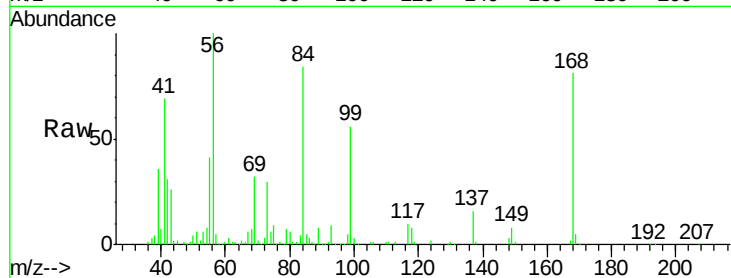
Tgt Ion: 56 Resp: 458167

Ion Ratio Lower Upper

56 100

69 32.2 25.4 38.0

84 82.7 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 47.467 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

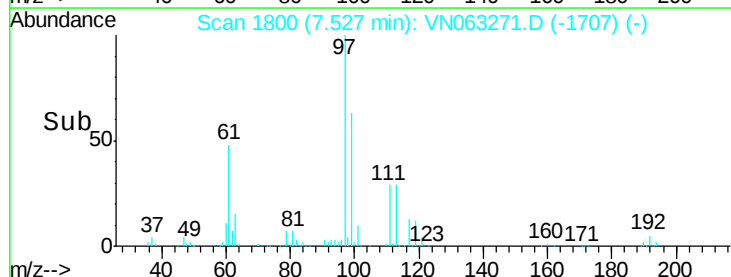
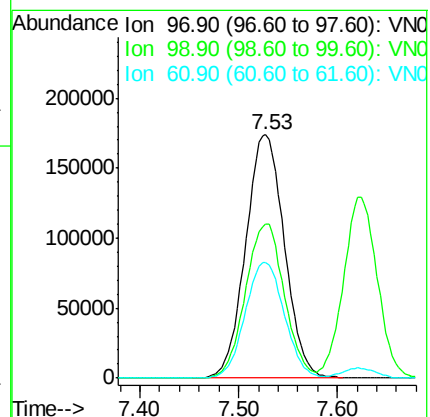
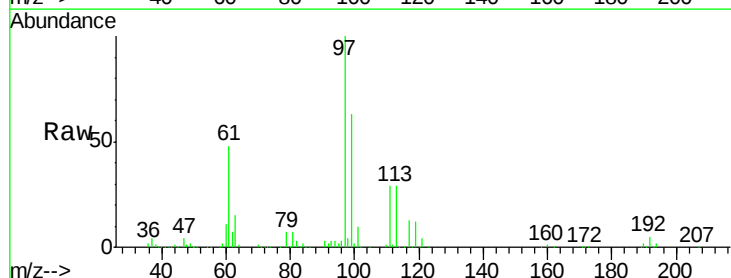
Tgt Ion: 97 Resp: 472130

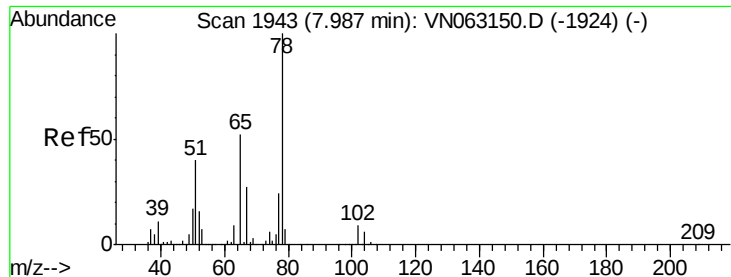
Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 48.1 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 45.244 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

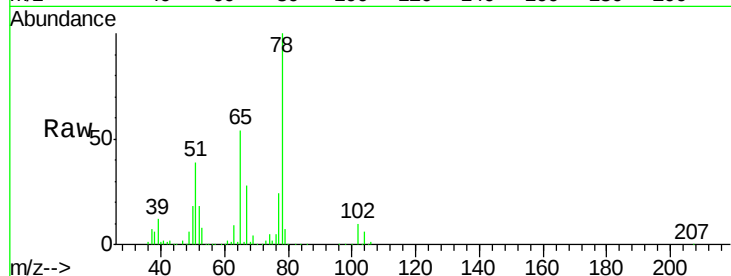
VSTDCCC050

Tgt Ion: 65 Resp: 338980

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063271.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063271.D (-1850) (-)

7.98

150000

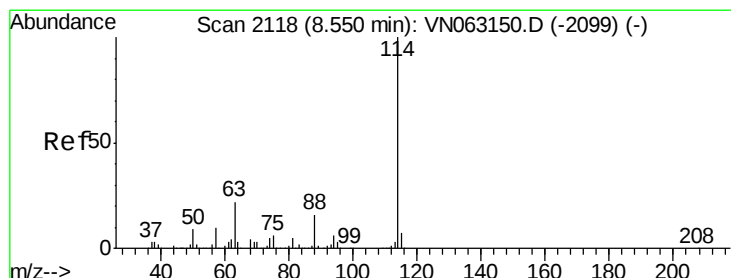
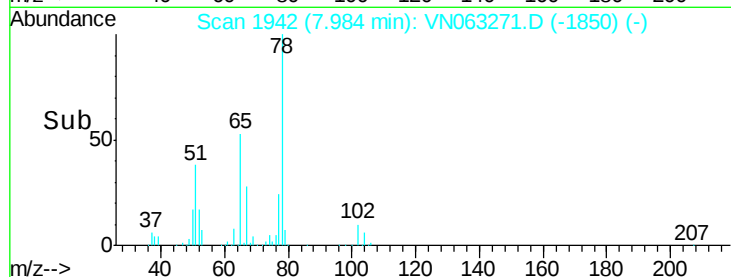
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

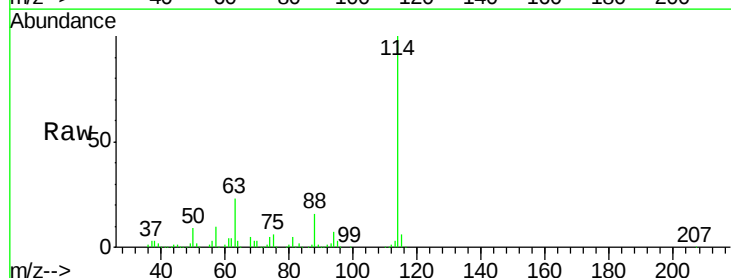
Tgt Ion: 114 Resp: 812647

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.0

88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063271.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063271.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063271.D (-2025) (-)

8.55

500000

400000

300000

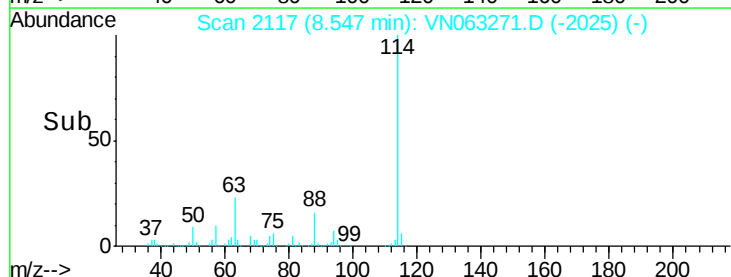
200000

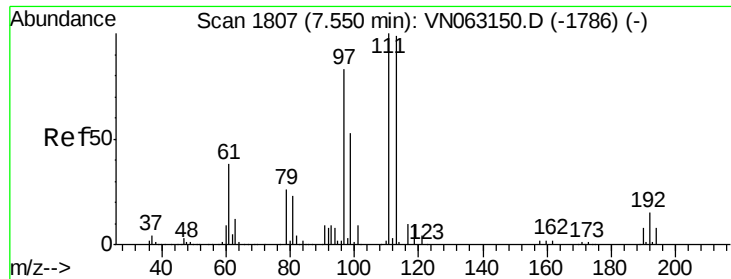
100000

0

8.40 8.50 8.60 8.70

Time-->

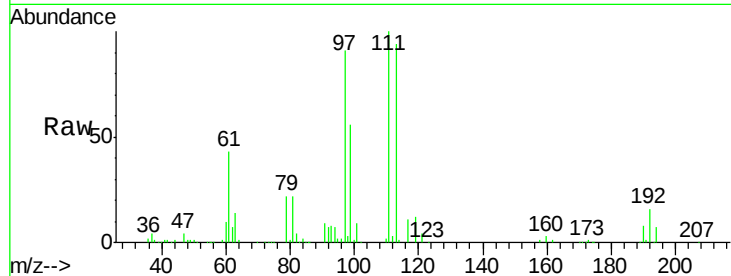




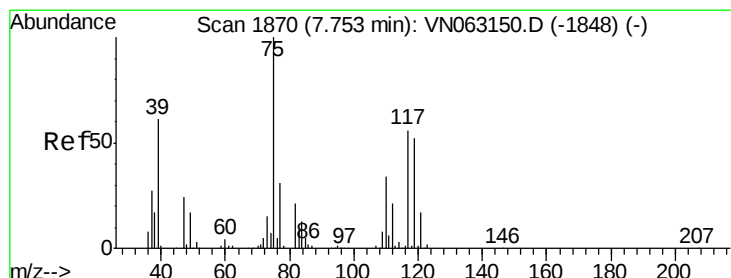
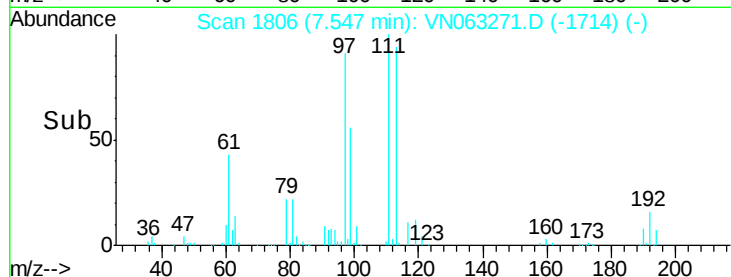
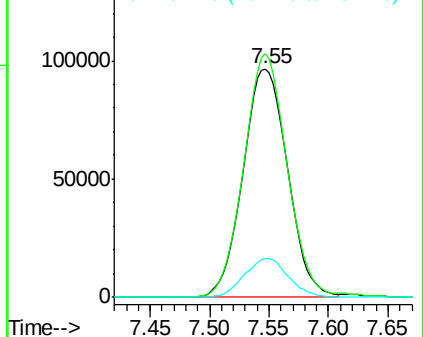
#35
 Dibromofluoromethane
 Concen: 48.160 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 251086
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.7 121.1
 192 16.8 12.6 19.0

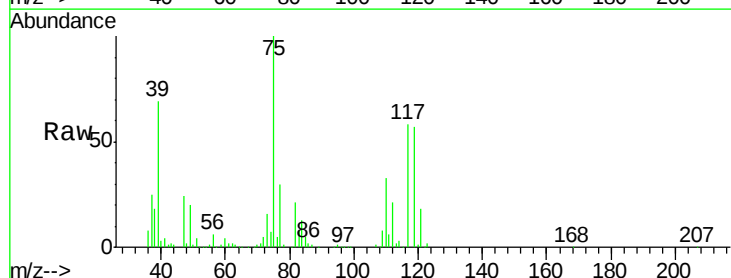


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

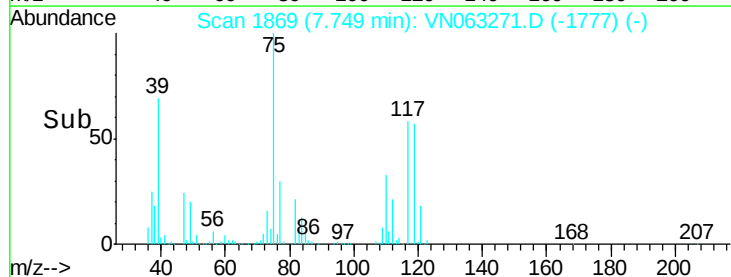
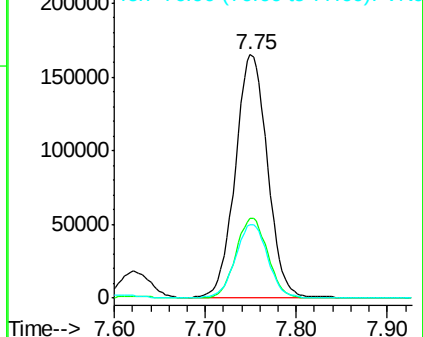


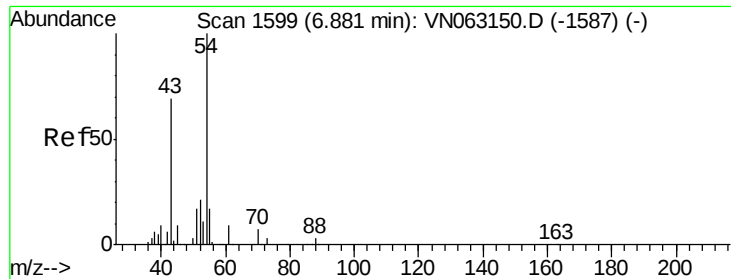
#36
 1,1-Dichloropropene
 Concen: 51.654 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion: 75 Resp: 403536
 Ion Ratio Lower Upper
 75 100
 110 32.6 16.6 49.8
 77 30.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

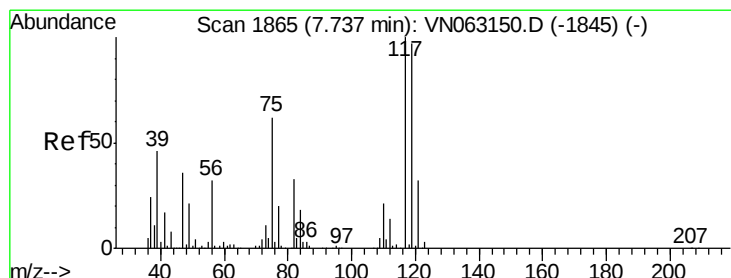
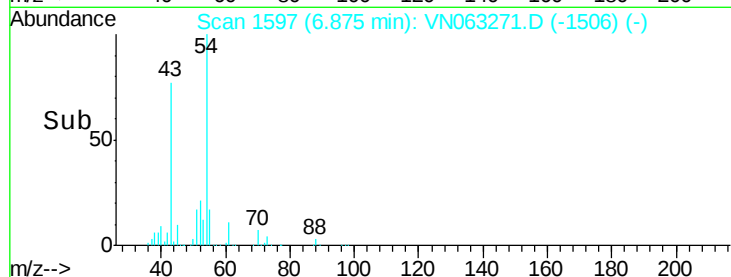
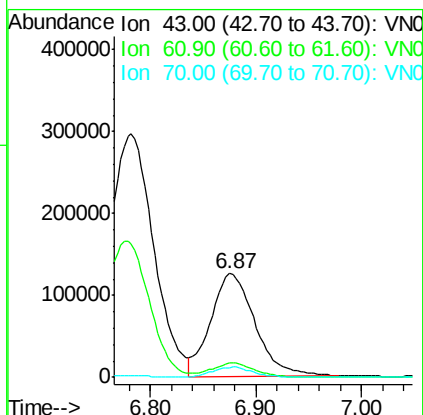
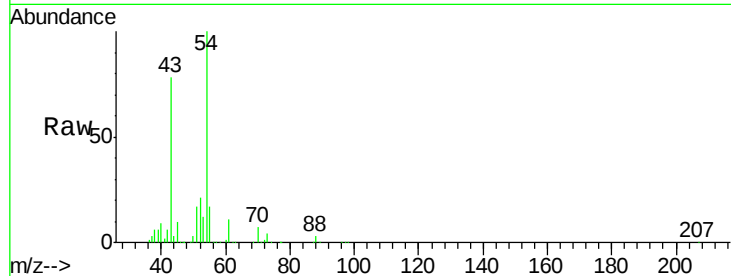




#37
 Ethyl Acetate
 Concen: 49.453 ug/l
 RT: 6.87 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

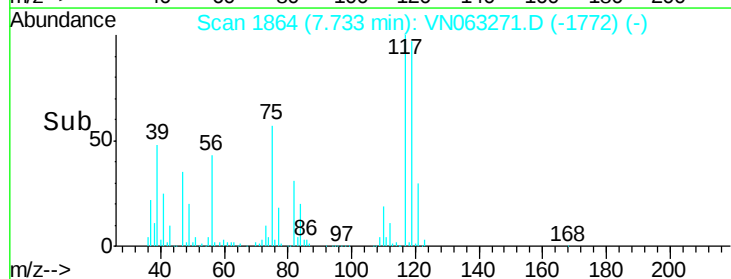
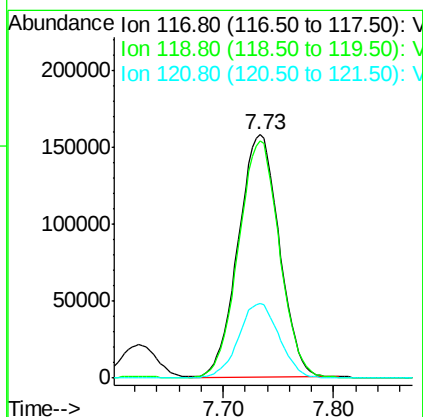
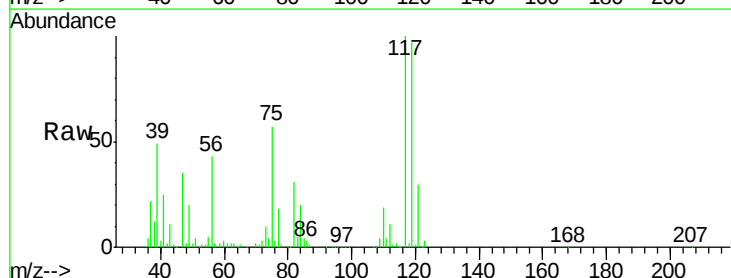
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

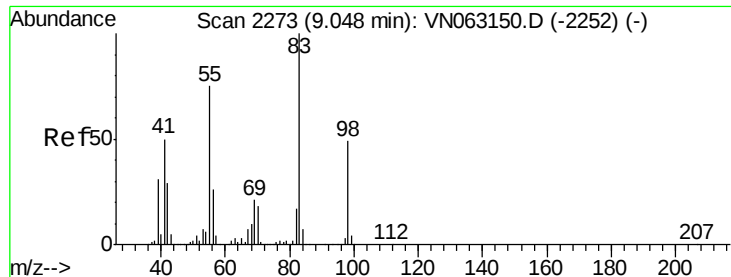
Tgt Ion: 43 Resp: 364785
 Ion Ratio Lower Upper
 43 100
 61 12.9 10.2 15.4
 70 9.5 3.0 4.6#



#38
 Carbon Tetrachloride
 Concen: 51.420 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion: 117 Resp: 407390
 Ion Ratio Lower Upper
 117 100
 119 97.7 77.2 115.8
 121 30.6 25.6 38.4

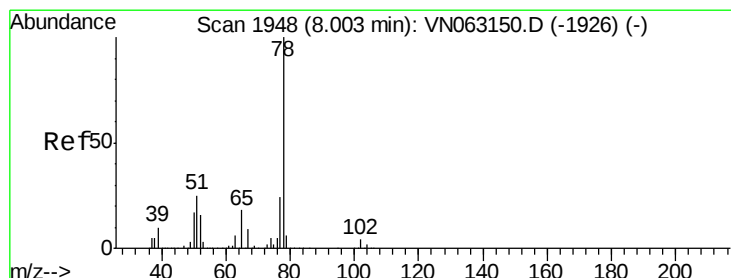
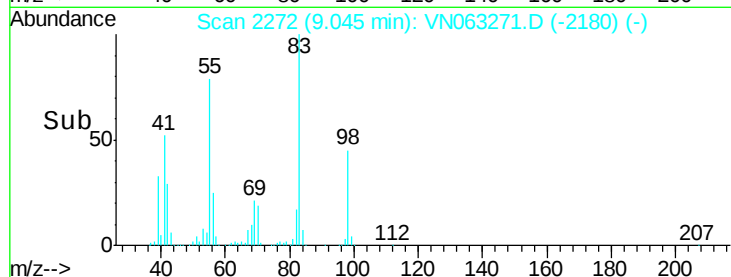
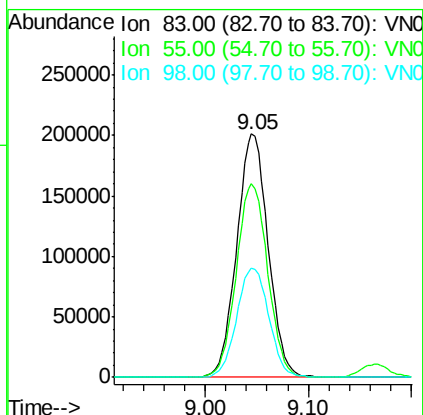
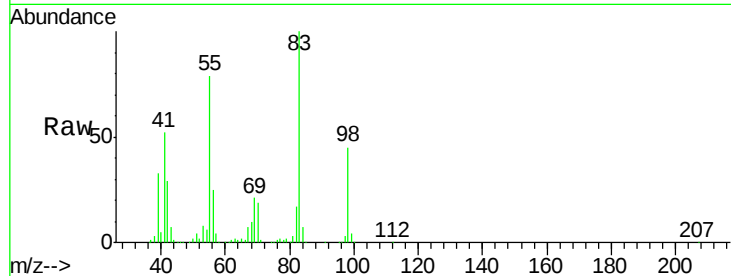




#39
Methylcyclohexane
Concen: 48.655 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

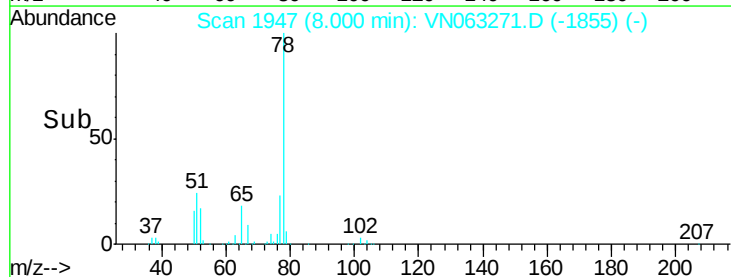
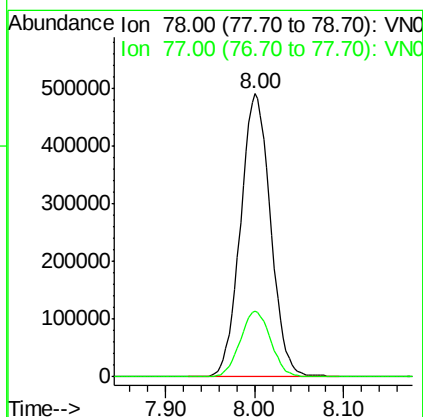
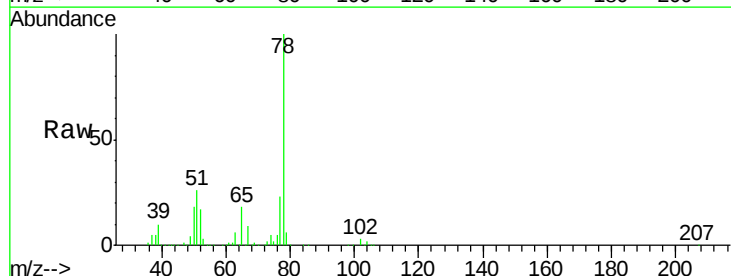
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

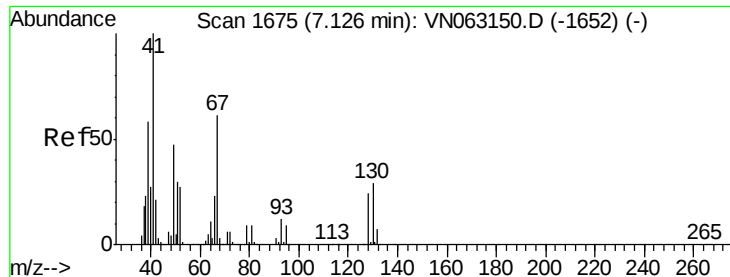
Tgt Ion: 83 Resp: 427024
Ion Ratio Lower Upper
83 100
55 79.4 60.3 90.5
98 44.7 38.9 58.3



#40
Benzene
Concen: 50.258 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 78 Resp: 1153803
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9

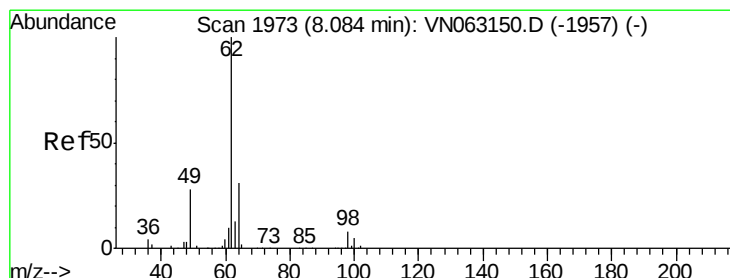
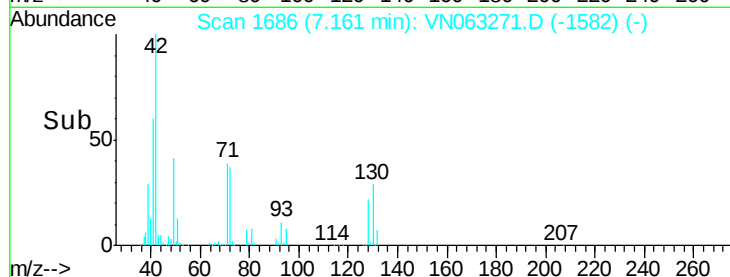
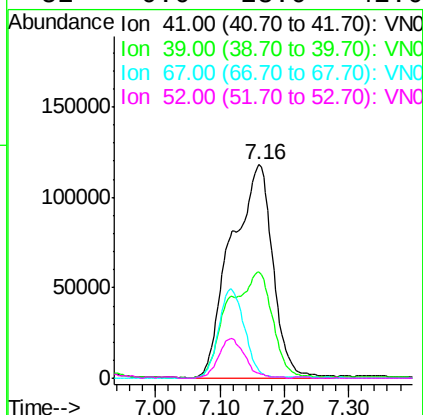
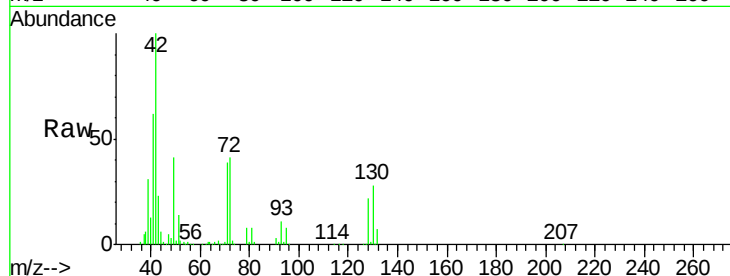




#41
Methacrylonitrile
Concen: 160.613 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

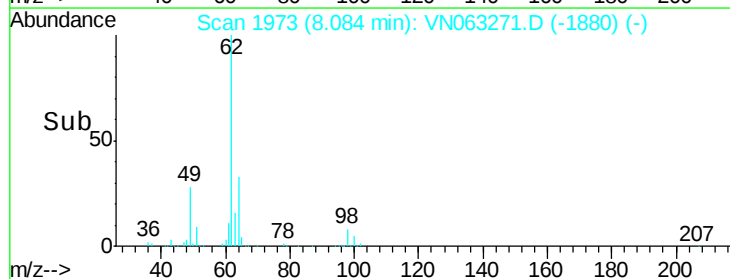
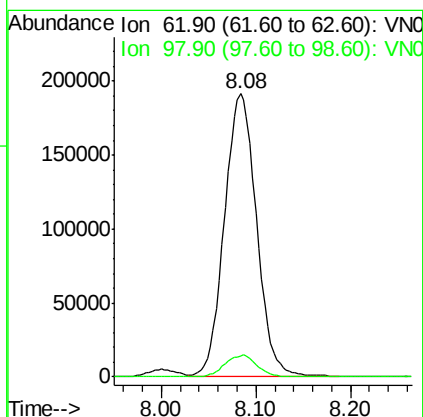
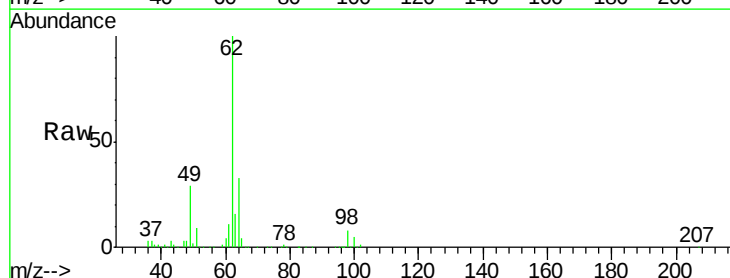
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

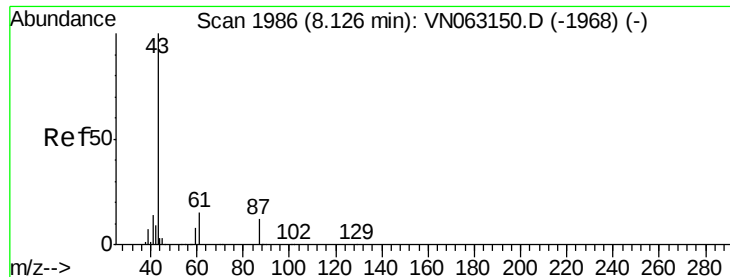
Tgt Ion:	41	Resp:	528606
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.6	70.0#
67	0.0	62.6	94.0#
52	0.0	28.0	42.0#



#42
1,2-Dichloroethane
Concen: 52.388 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion:	62	Resp:	449261
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	17.2





#43

Isopropyl Acetate

Concen: 52.658 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

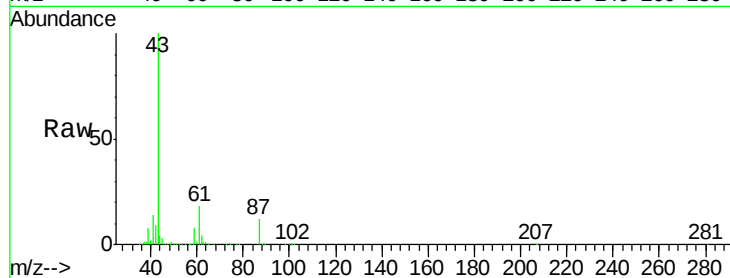
Tgt Ion: 43 Resp: 670910

Ion Ratio Lower Upper

43 100

61 25.0 20.2 30.4

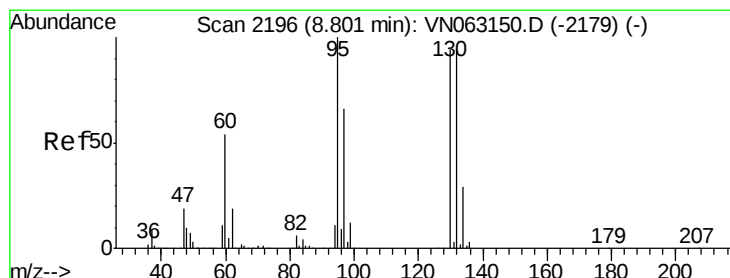
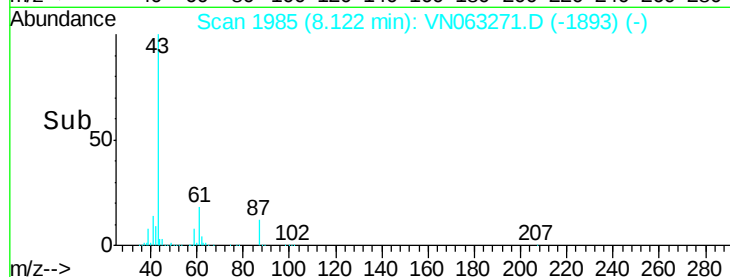
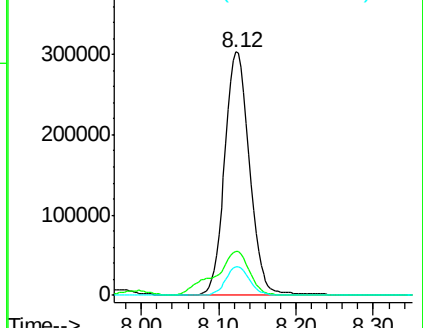
87 11.5 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063271.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN063271.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN063271.D (-2103) (-)



#44

Trichloroethene

Concen: 54.464 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063271.D

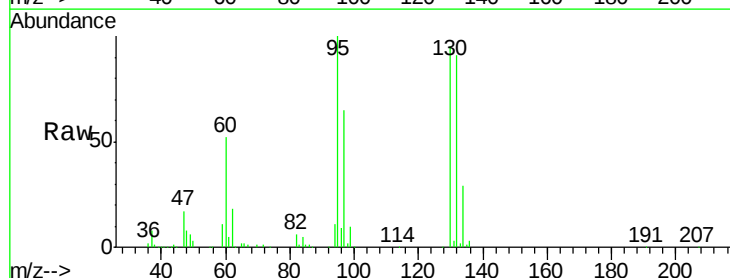
Acq: 9 Sep 2020 10:08

Tgt Ion: 130 Resp: 303287

Ion Ratio Lower Upper

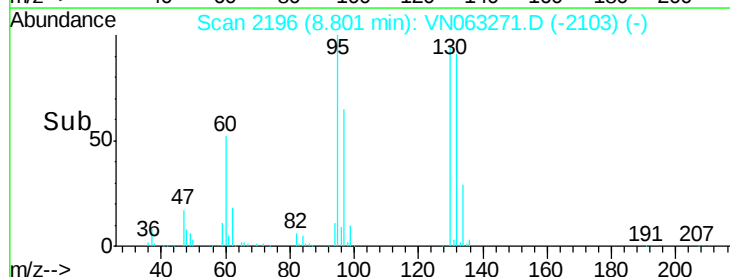
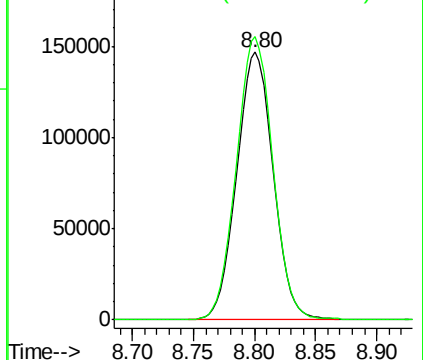
130 100

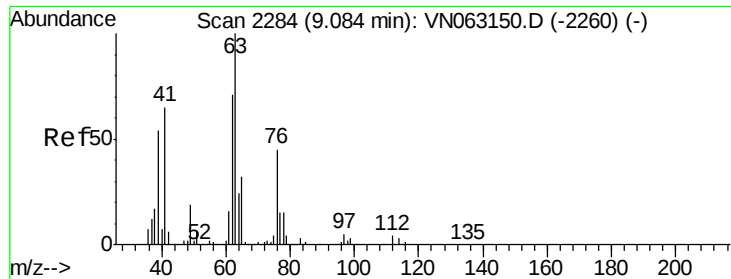
95 105.7 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063271.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063271.D (-2103) (-)

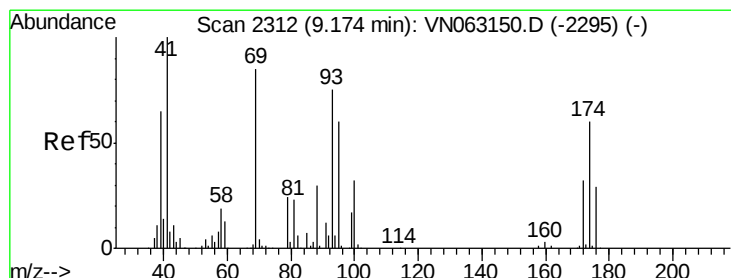
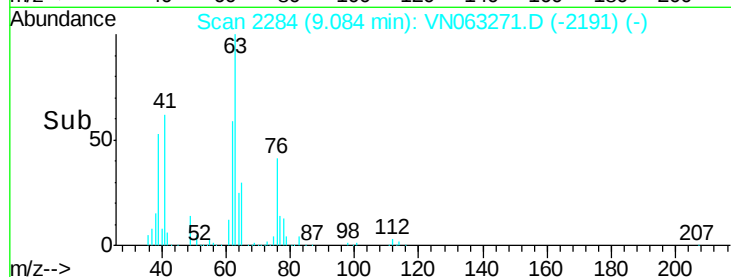
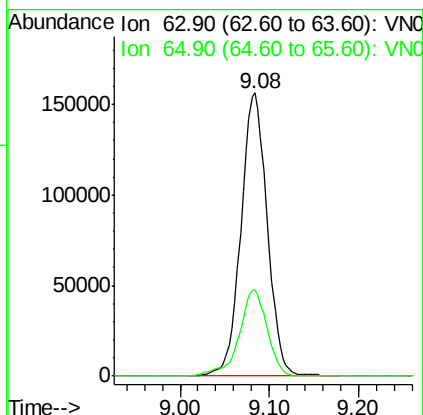
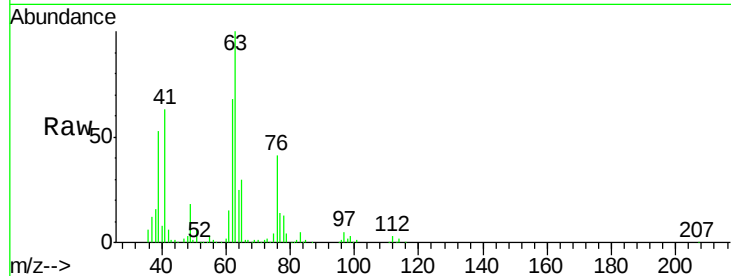




#45
 1,2-Dichloropropane
 Concen: 52.501 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

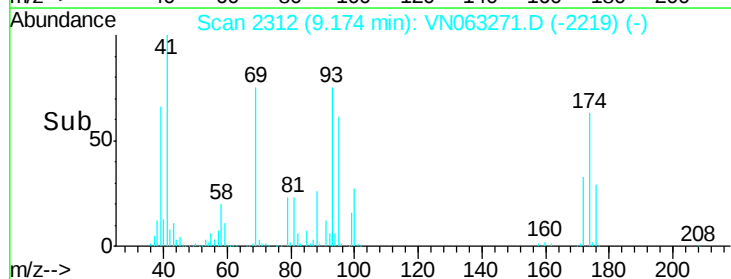
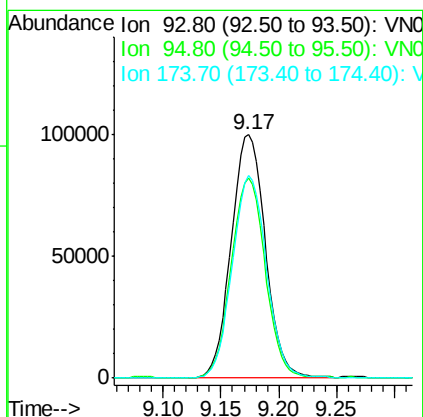
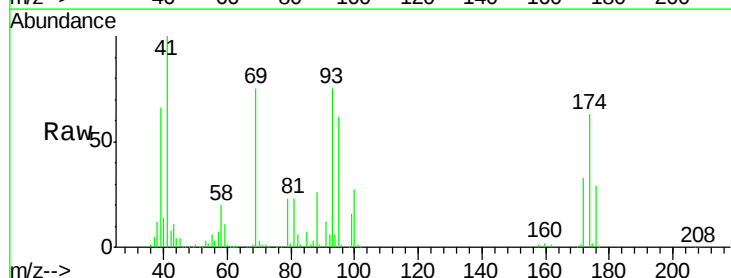
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

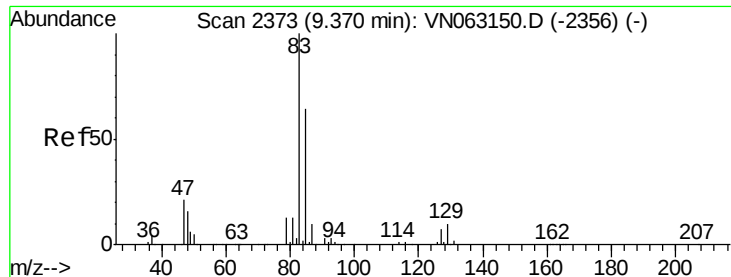
Tgt Ion: 63 Resp: 319123
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.4 38.0



#46
 Dibromomethane
 Concen: 51.035 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion: 93 Resp: 205575
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.2 97.8
 174 83.4 64.6 97.0





#47

Bromodichloromethane

Concen: 51.018 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

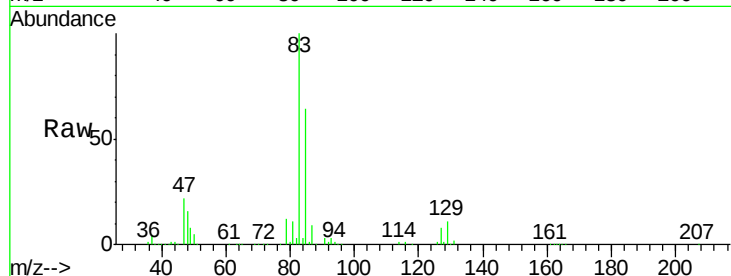
Tgt Ion: 83 Resp: 440494

Ion Ratio Lower Upper

83 100

85 63.5 51.0 76.6

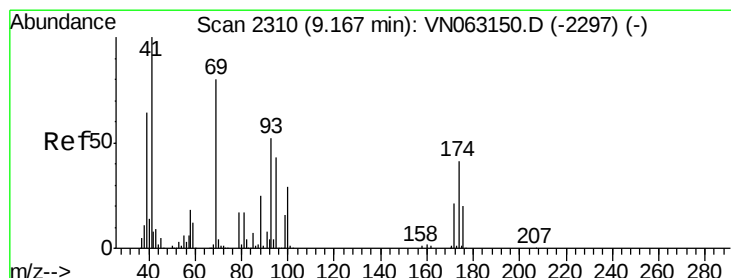
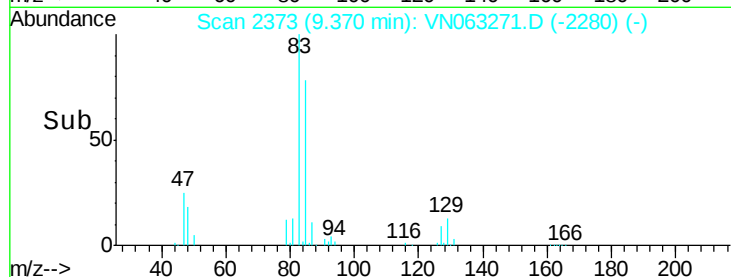
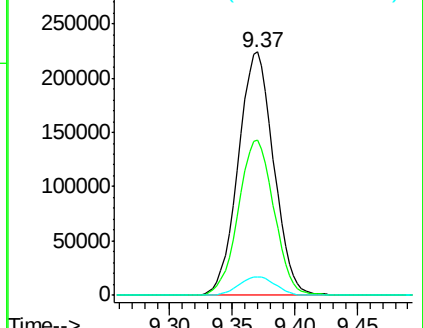
127 7.5 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063271.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063271.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063271.D (-2280) (-)



#48

Methyl methacrylate

Concen: 54.868 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

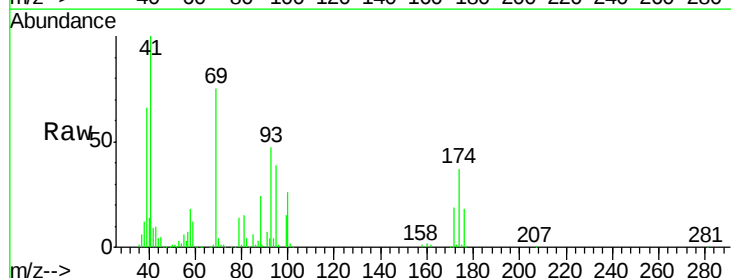
Tgt Ion: 41 Resp: 315139

Ion Ratio Lower Upper

41 100

69 77.4 65.9 98.9

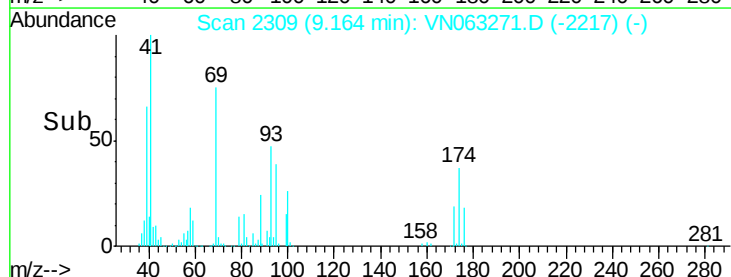
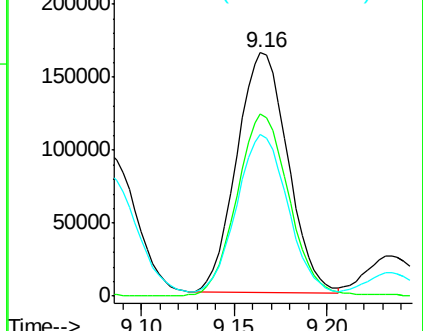
39 67.8 52.0 78.0

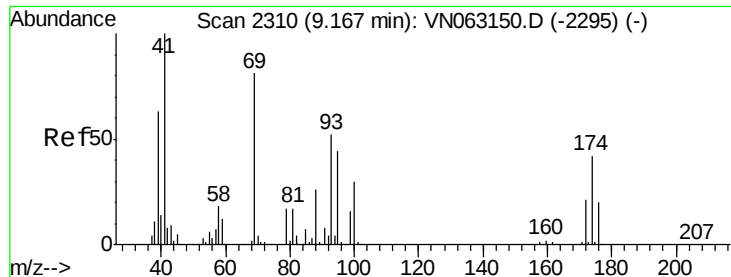


Abundance Ion 41.00 (40.70 to 41.70): VN063271.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063271.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063271.D (-2217) (-)





#49

1,4-Dioxane

Concen: 957.704 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

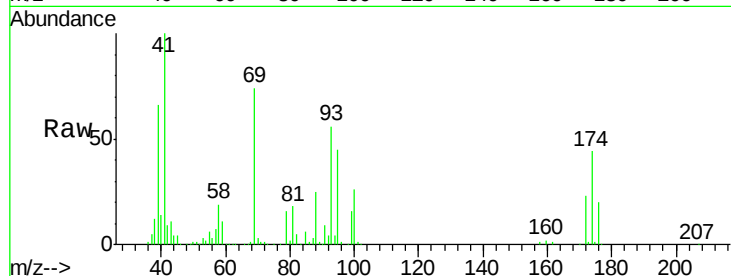
Tgt Ion: 88 Resp: 85079

Ion Ratio Lower Upper

88 100

43 40.0 28.6 42.8

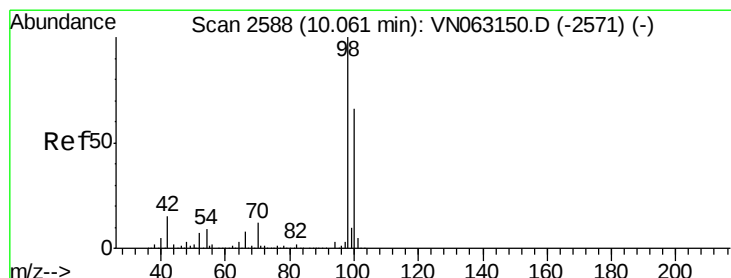
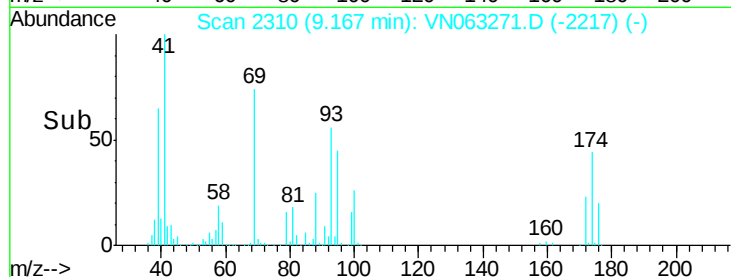
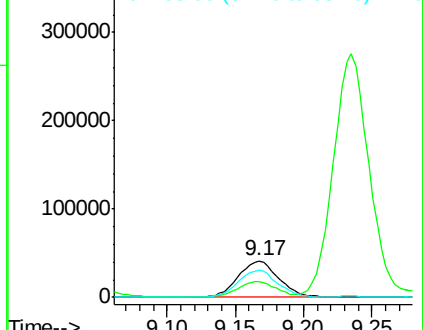
58 72.8 53.2 79.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.764 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063271.D

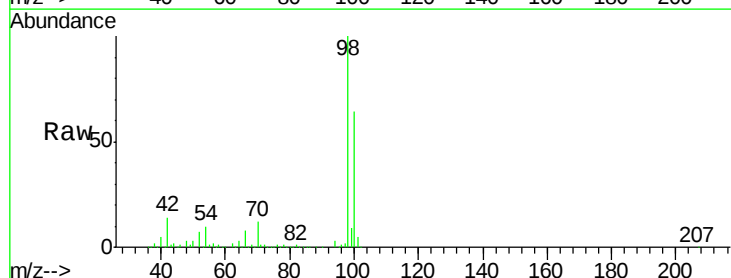
Acq: 9 Sep 2020 10:08

Tgt Ion: 98 Resp: 958482

Ion Ratio Lower Upper

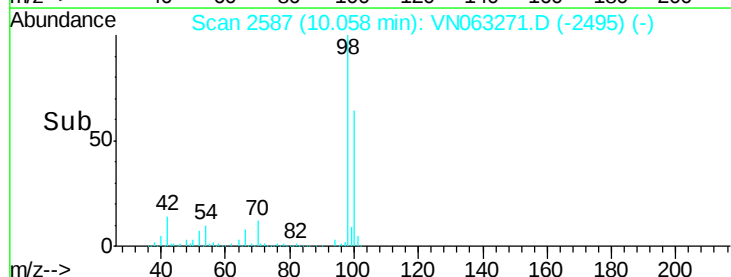
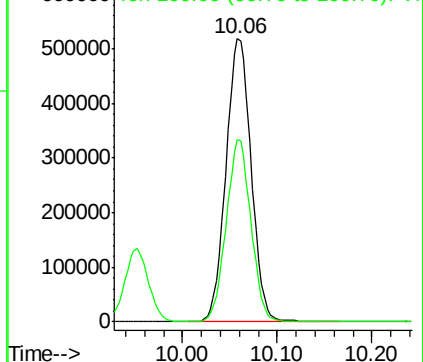
98 100

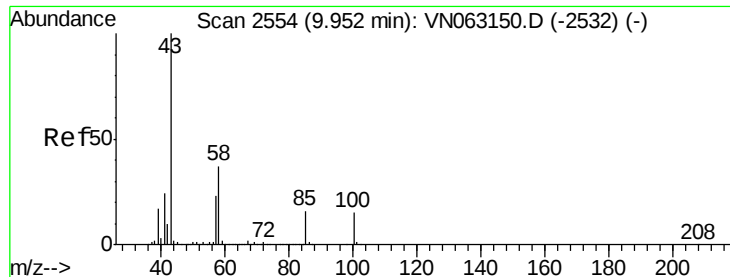
100 63.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

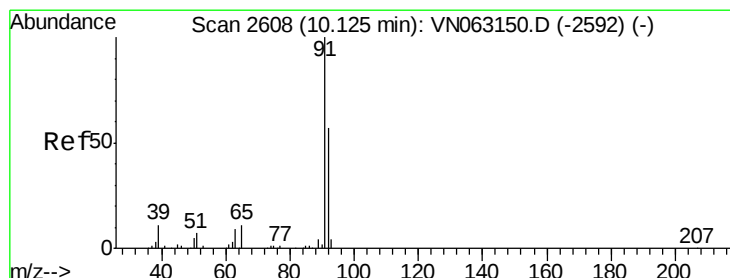
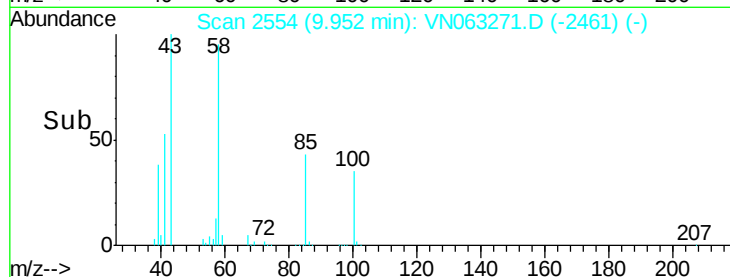
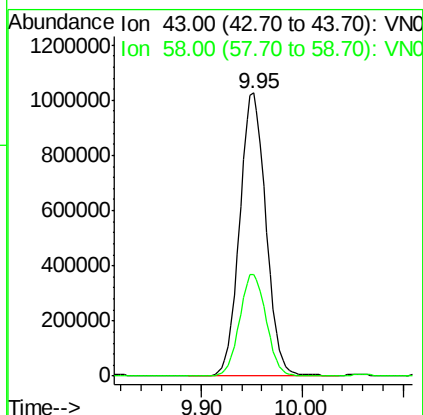
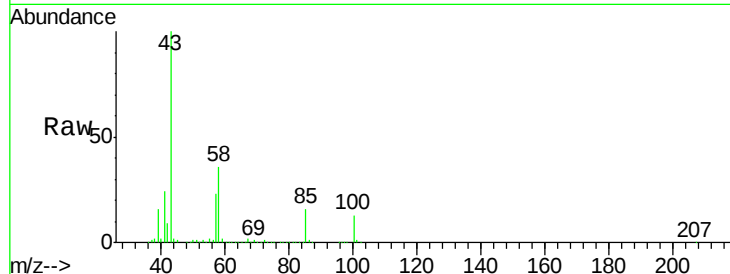




#51
 4-Methyl-2-Pentanone
 Concen: 266.166 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

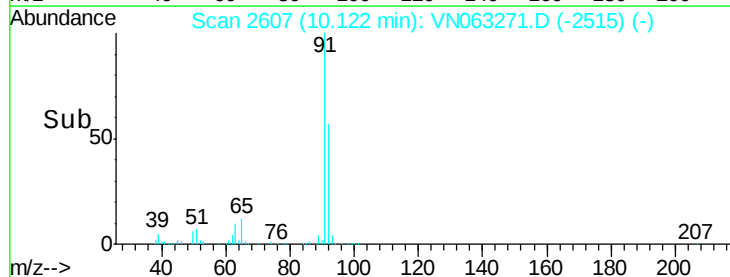
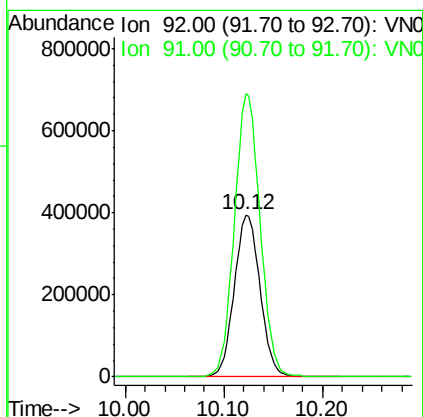
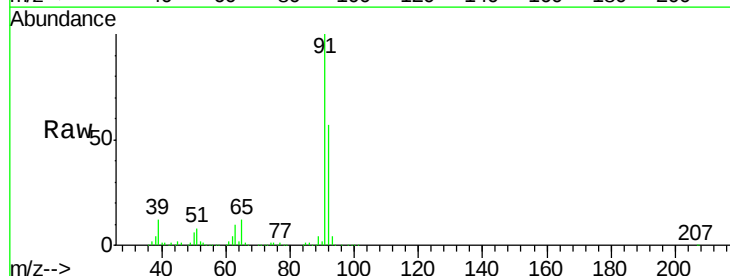
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

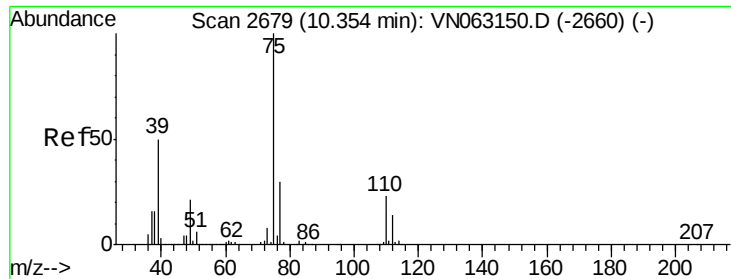
Tgt Ion: 43 Resp: 1842791
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.2 43.8



#52
 Toluene
 Concen: 49.915 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion: 92 Resp: 713848
 Ion Ratio Lower Upper
 92 100
 91 174.3 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 51.306 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

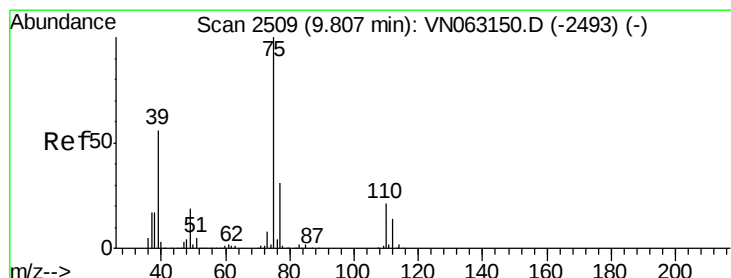
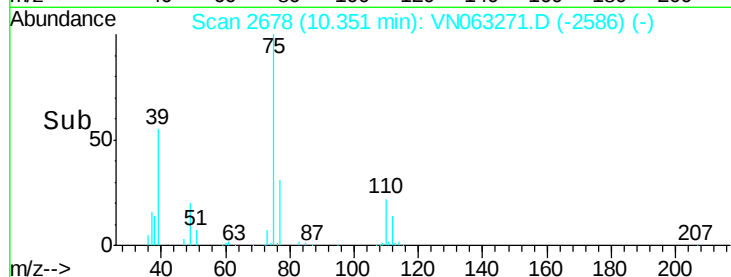
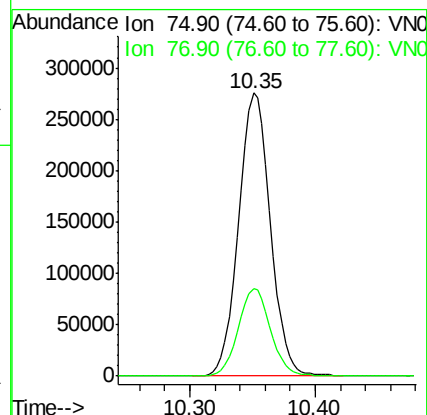
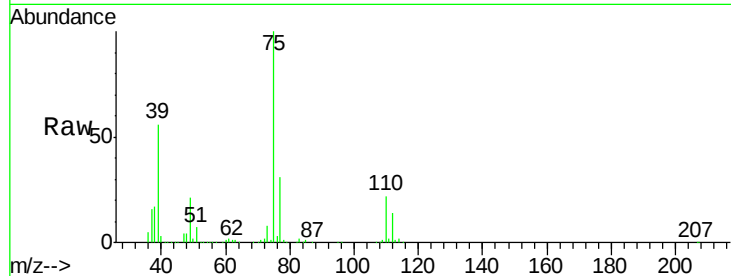
VSTDCCC050

Tgt Ion: 75 Resp: 484560

Ion Ratio Lower Upper

75 100

77 30.8 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 52.732 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

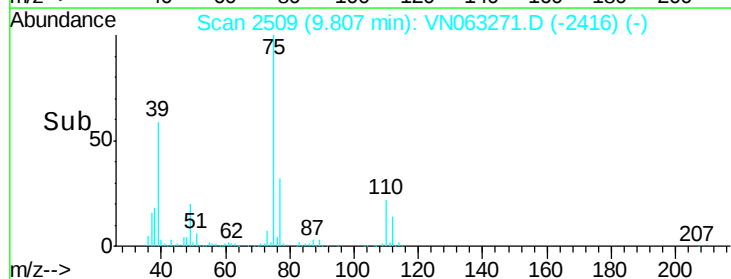
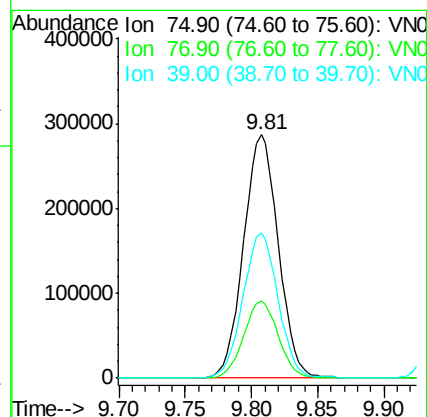
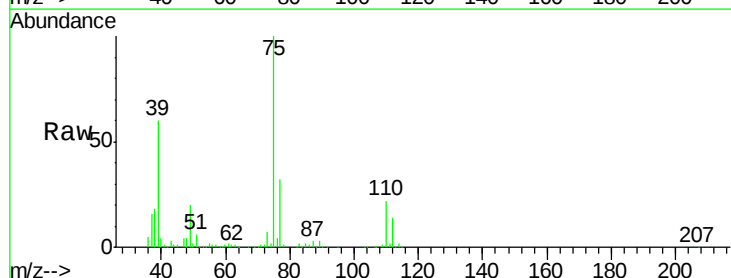
Tgt Ion: 75 Resp: 522772

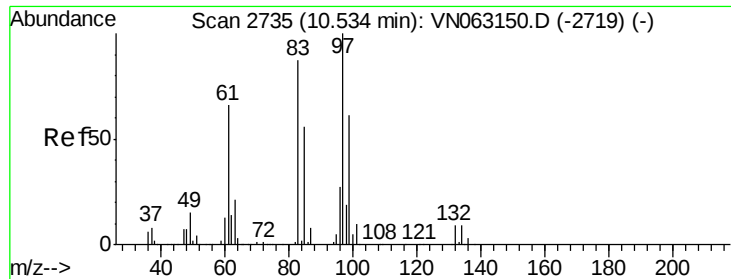
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 59.4 45.0 67.6

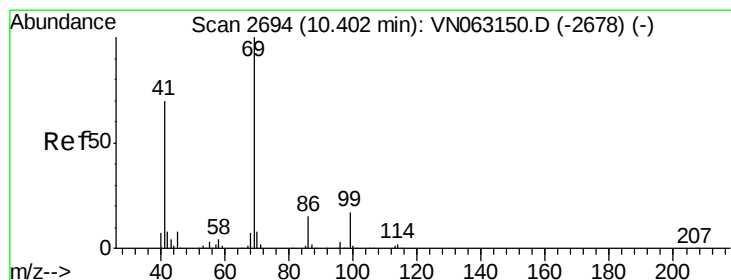
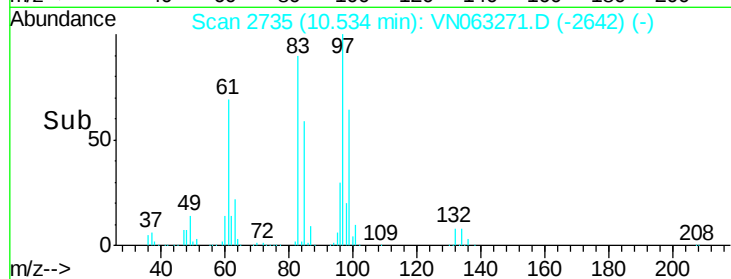
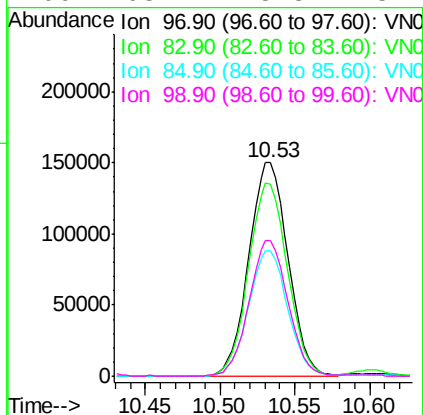
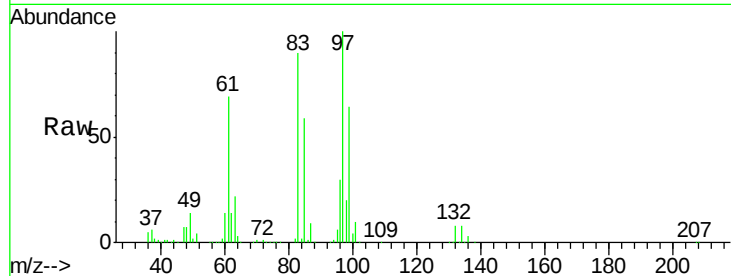




#55
 1,1,2-Trichloroethane
 Concen: 50.109 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

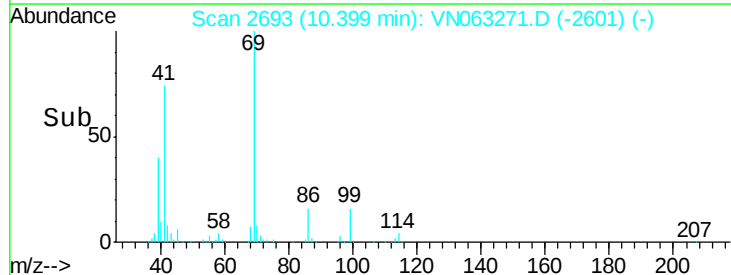
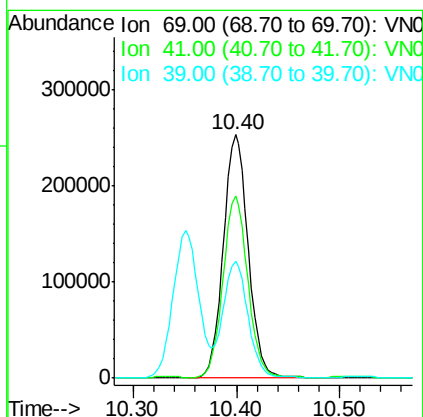
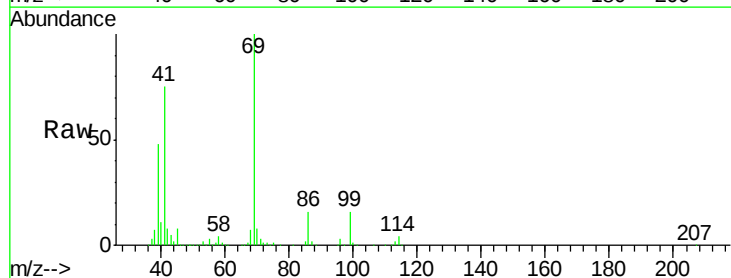
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

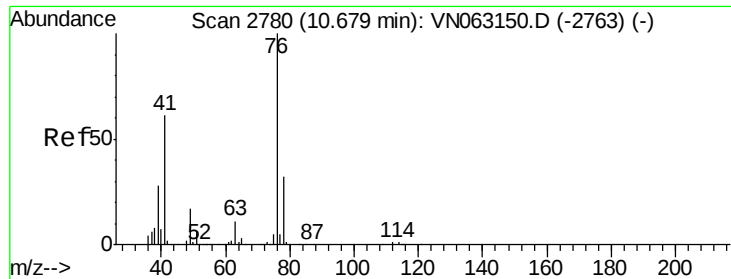
Tgt Ion: 97 Resp: 274443
 Ion Ratio Lower Upper
 97 100
 83 89.9 69.8 104.8
 85 58.7 44.9 67.3
 99 63.4 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 51.093 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion: 69 Resp: 425861
 Ion Ratio Lower Upper
 69 100
 41 74.0 55.5 83.3
 39 47.9 38.2 57.2

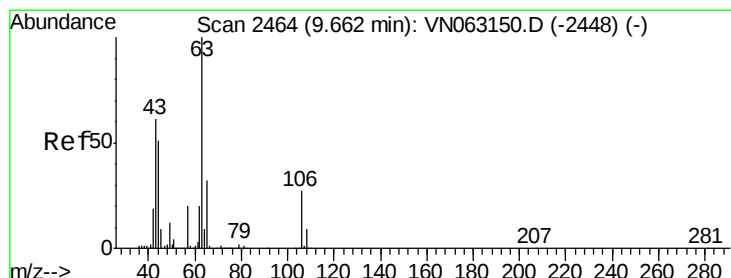
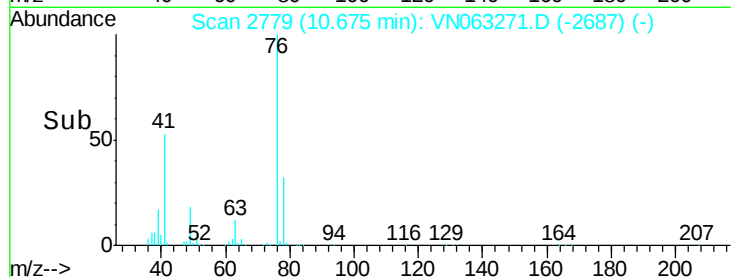
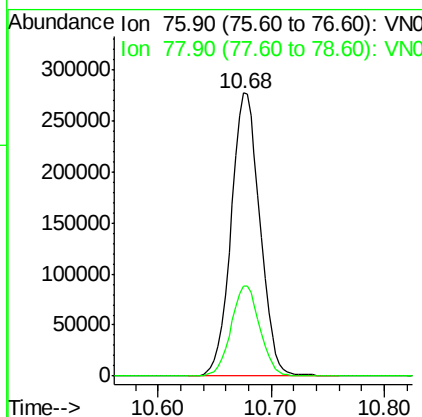
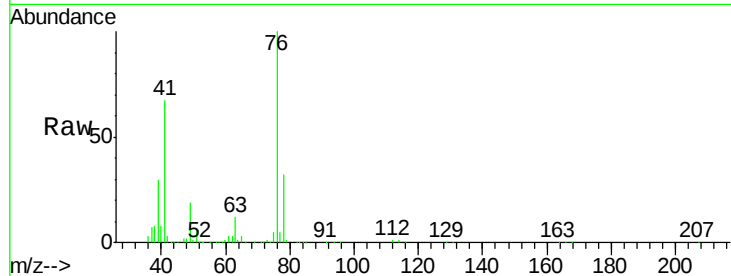




#57
 1,3-Dichloropropane
 Concen: 50.367 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

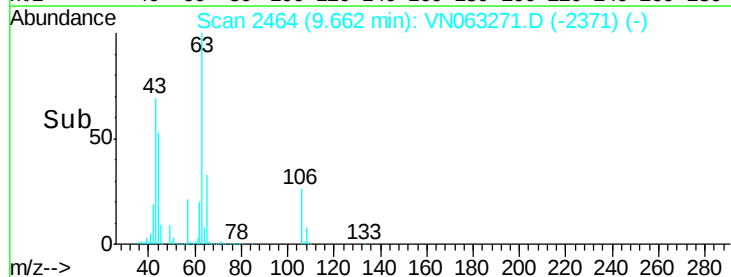
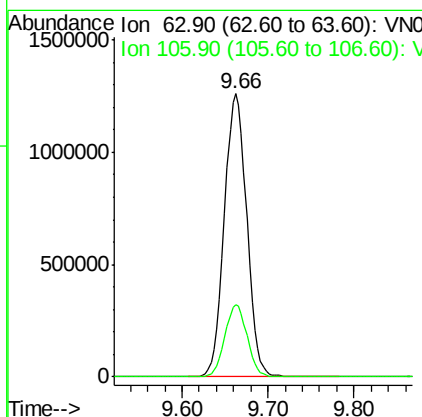
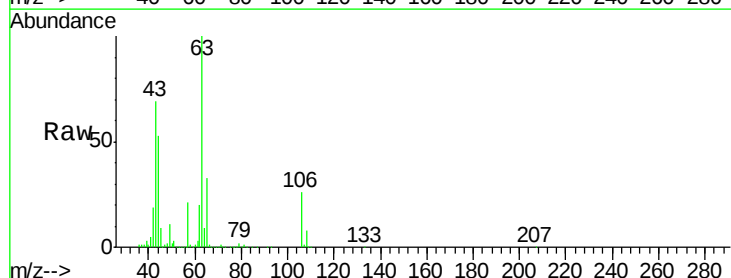
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

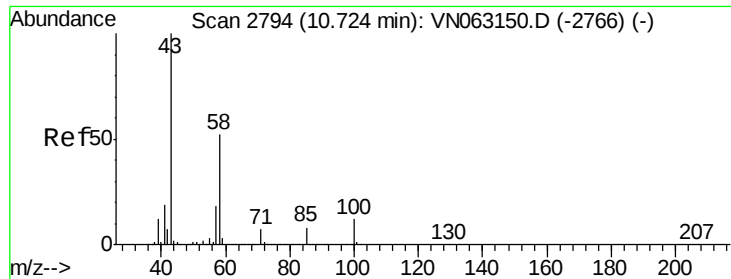
Tgt Ion: 76 Resp: 491429
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 530.008 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion: 63 Resp: 2287618
 Ion Ratio Lower Upper
 63 100
 106 25.3 21.8 32.6

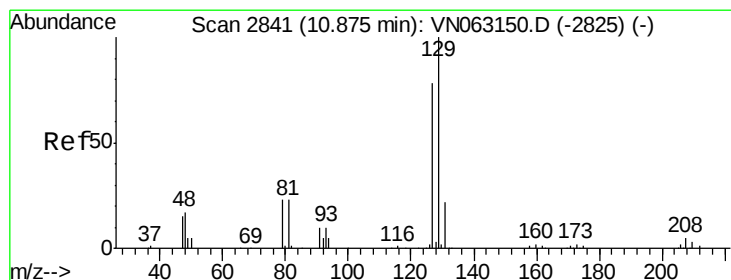
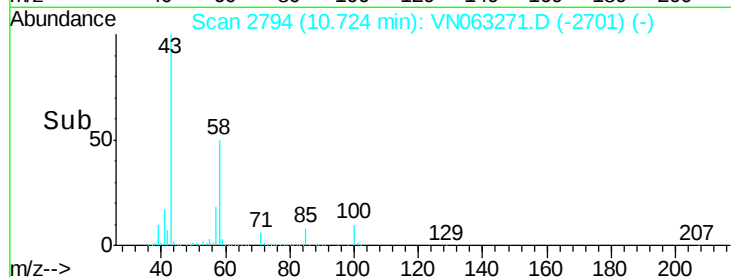
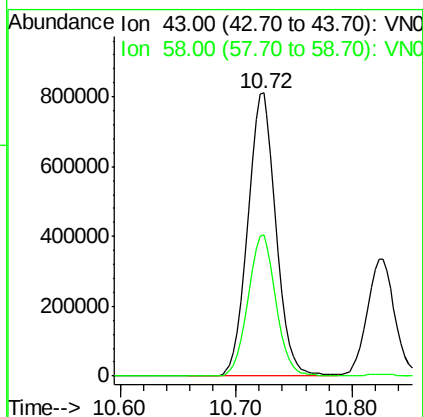
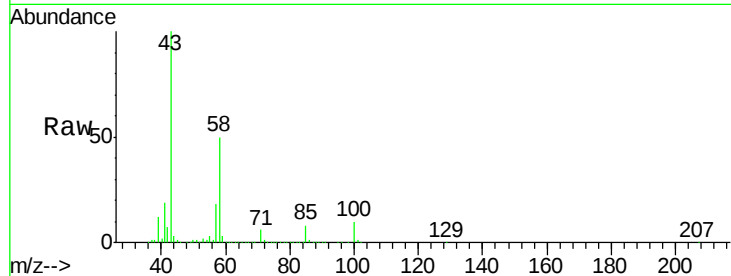




#59
2-Hexanone
Concen: 282.379 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

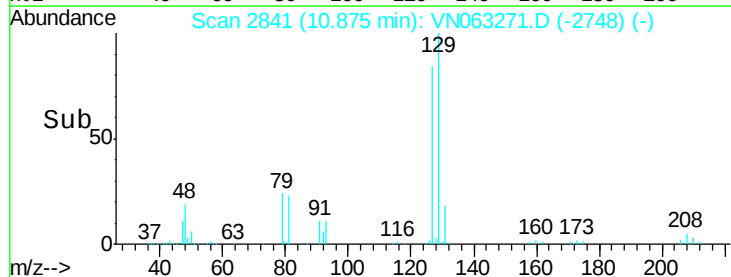
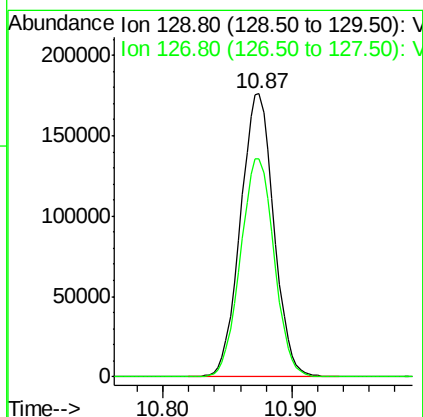
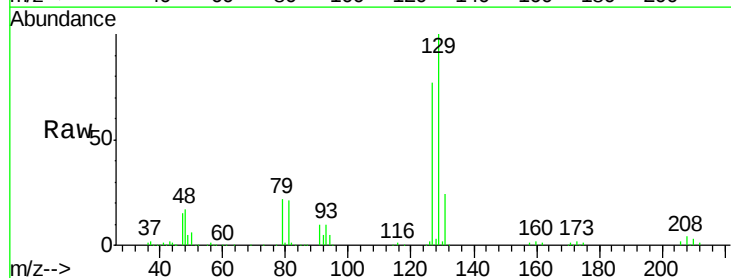
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

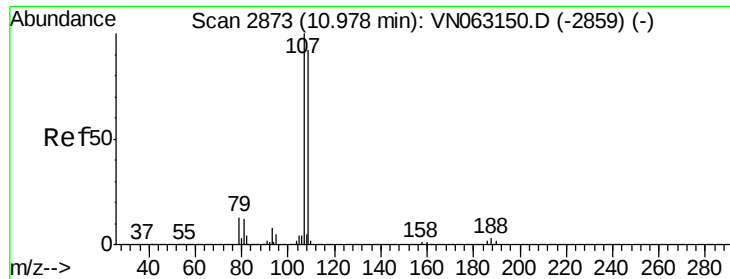
Tgt Ion: 43 Resp: 1373972
Ion Ratio Lower Upper
43 100
58 49.8 25.9 77.8



#60
Dibromochloromethane
Concen: 52.423 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 129 Resp: 317427
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

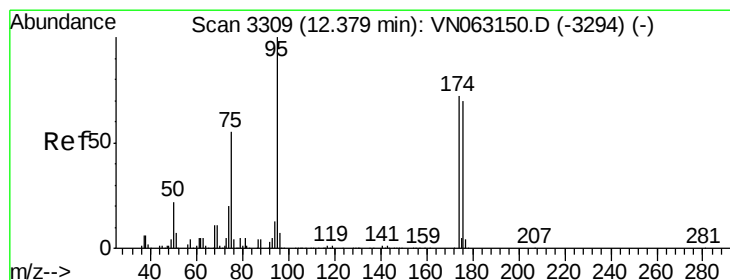
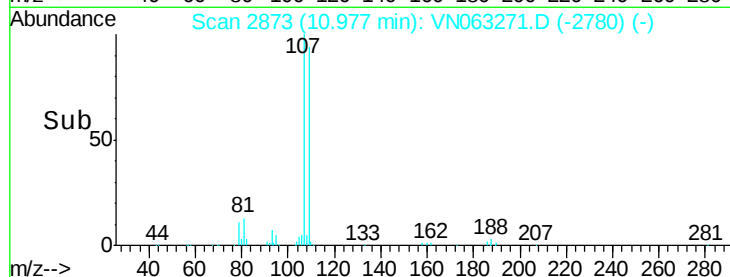
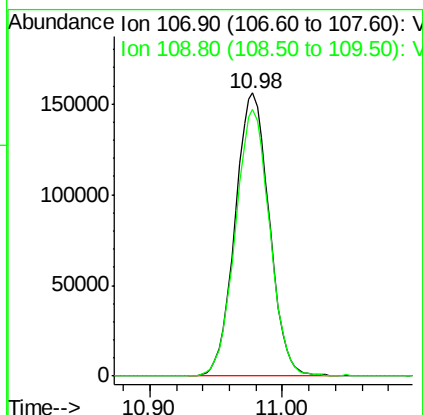
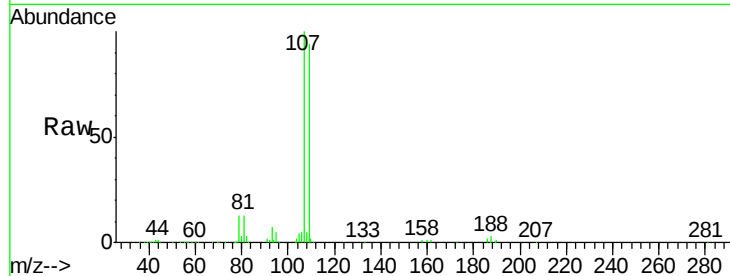




#61
 1,2-Dibromoethane
 Concen: 49.105 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

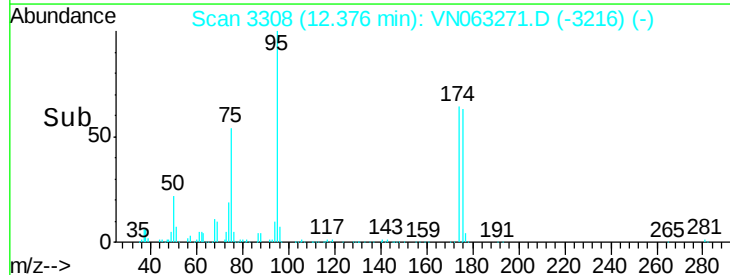
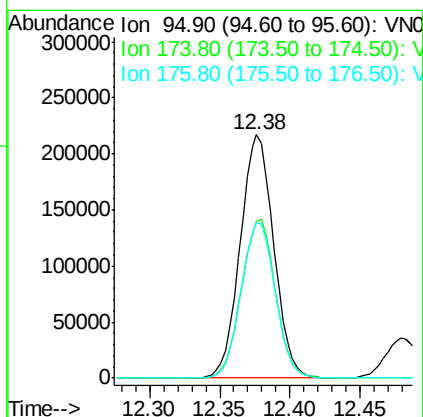
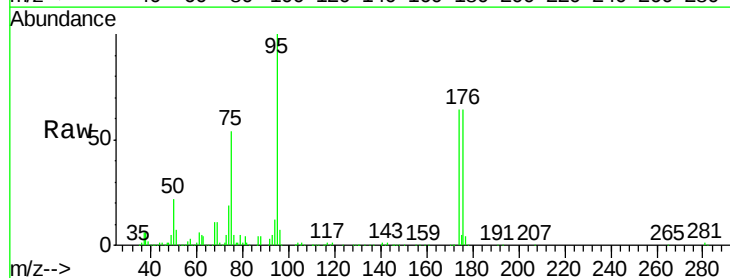
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

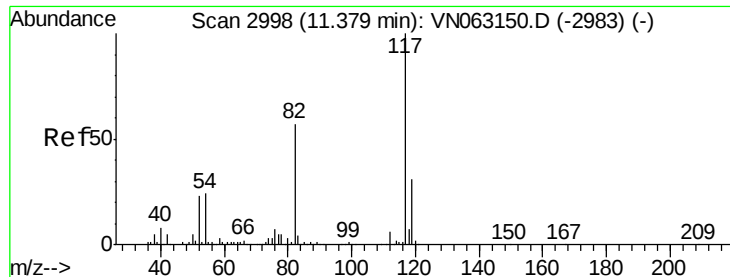
Tgt Ion: 107 Resp: 279579
 Ion Ratio Lower Upper
 107 100
 109 94.8 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 51.557 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion: 95 Resp: 361903
 Ion Ratio Lower Upper
 95 100
 174 66.3 0.0 143.8
 176 65.4 0.0 138.4

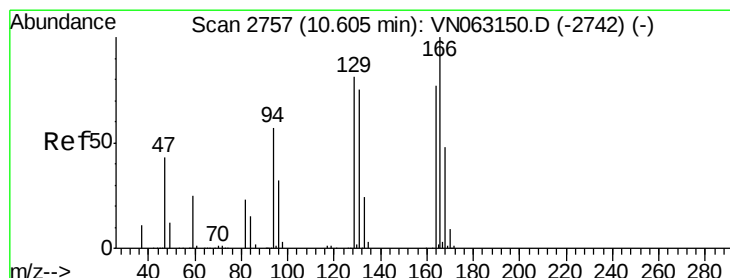
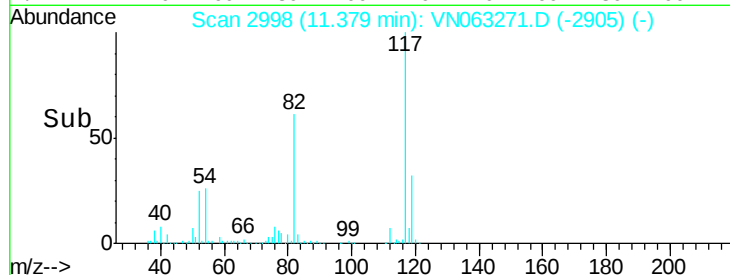
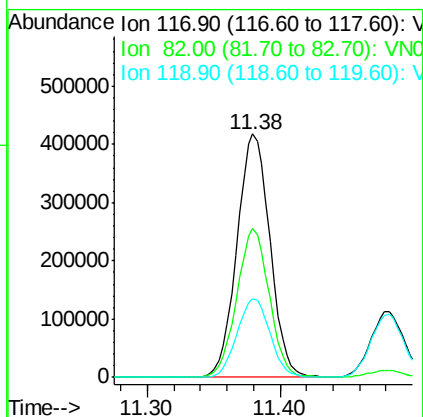
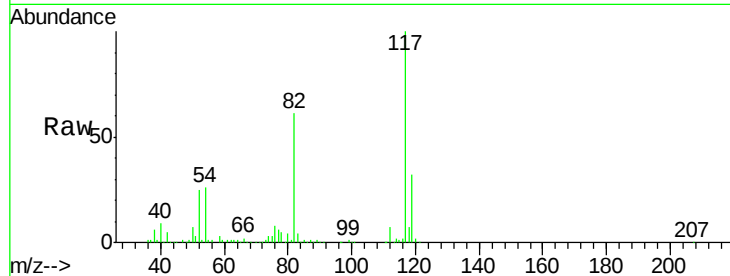




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

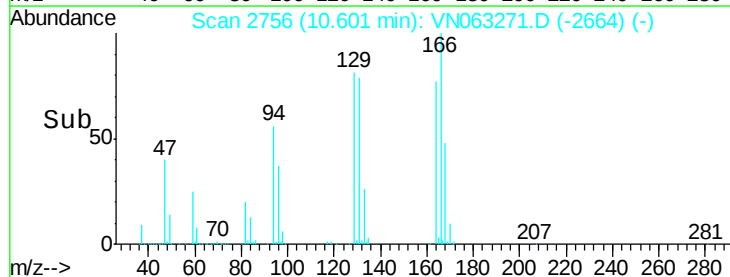
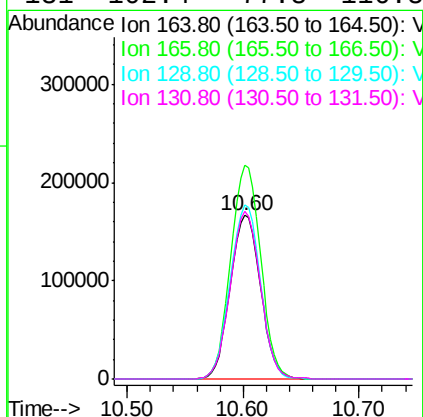
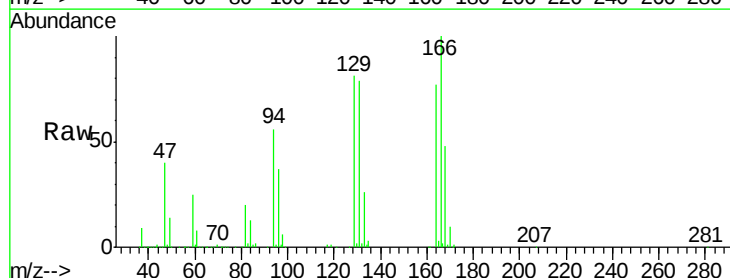
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

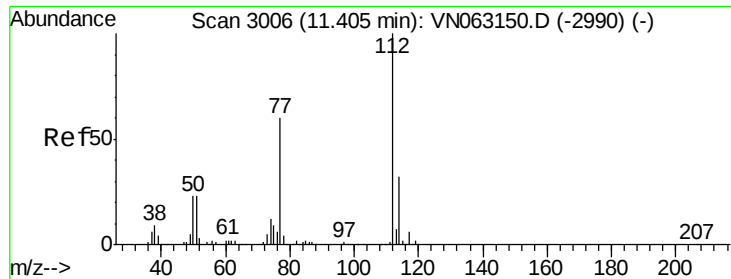
Tgt Ion:117 Resp: 721927
Ion Ratio Lower Upper
117 100
82 61.0 45.4 68.0
119 32.3 24.6 37.0



#64
Tetrachloroethene
Concen: 58.125 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion:164 Resp: 301327
Ion Ratio Lower Upper
164 100
166 130.4 103.4 155.2
129 105.9 83.4 125.0
131 102.4 77.8 116.8

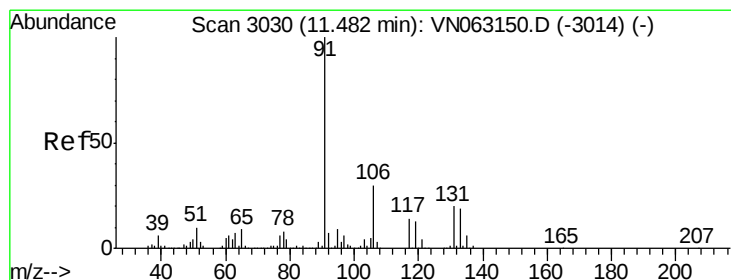
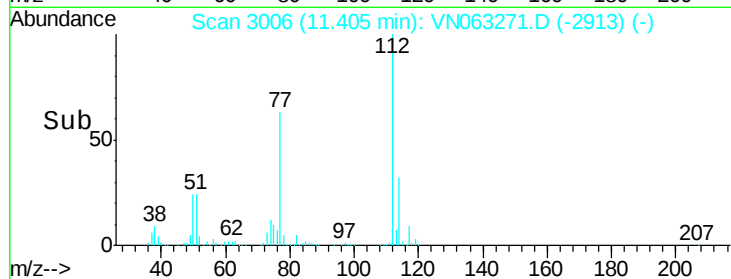
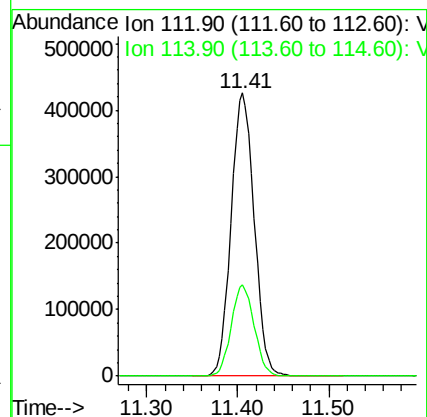
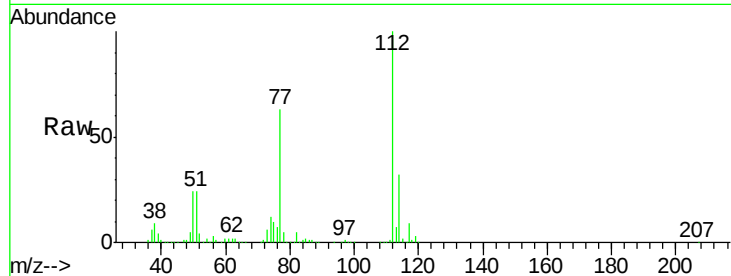




#65
Chlorobenzene
Concen: 51.677 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

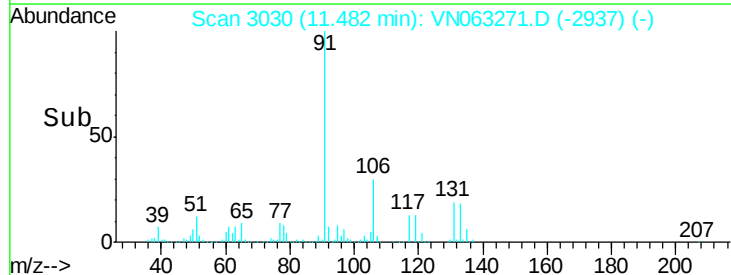
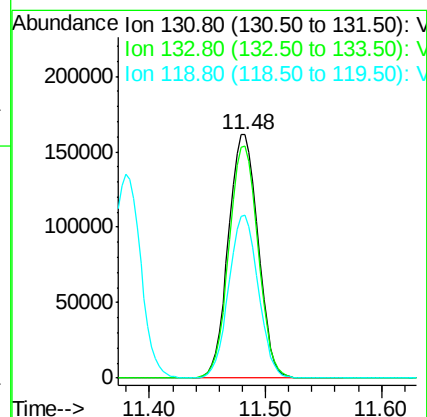
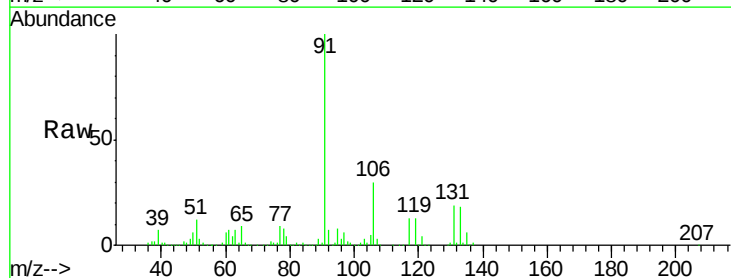
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

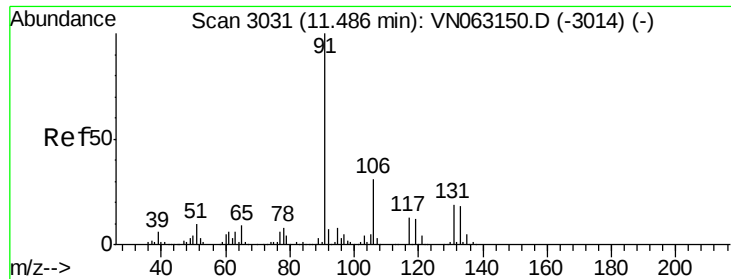
Tgt Ion:112 Resp: 751405
Ion Ratio Lower Upper
112 100
114 32.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.894 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion:131 Resp: 285550
Ion Ratio Lower Upper
131 100
133 93.7 47.3 142.0
119 66.5 32.4 97.0

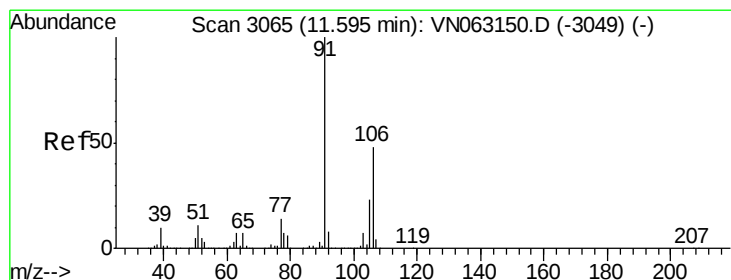
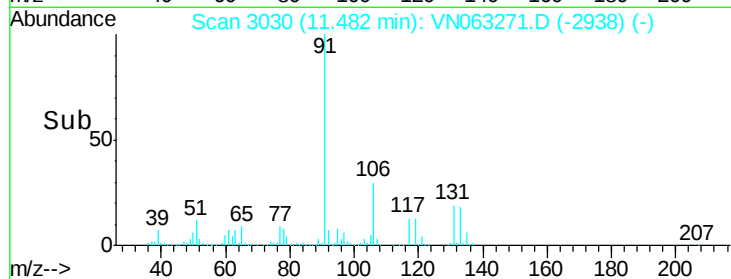
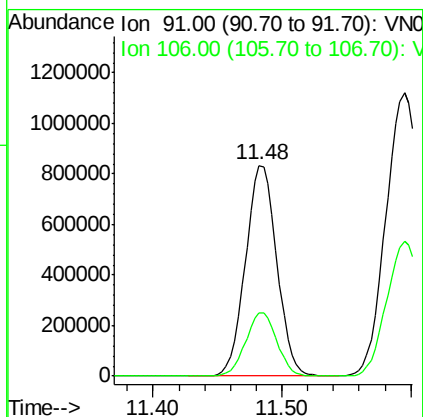
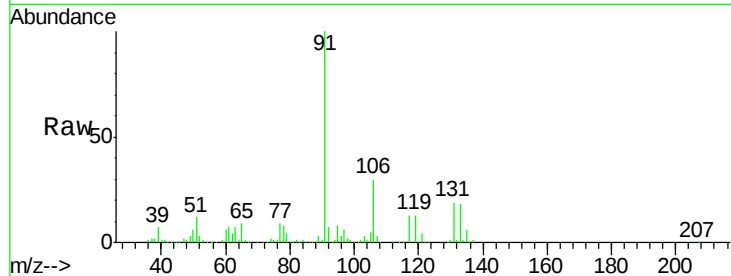




#67
Ethyl Benzene
Concen: 53.216 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

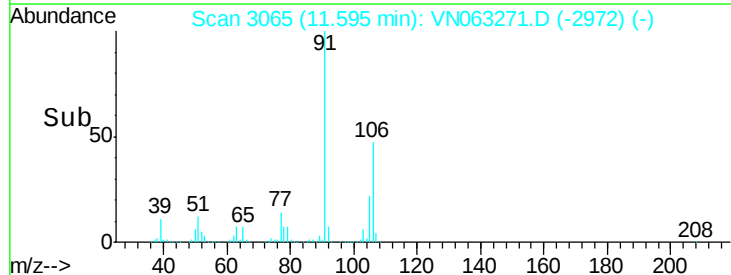
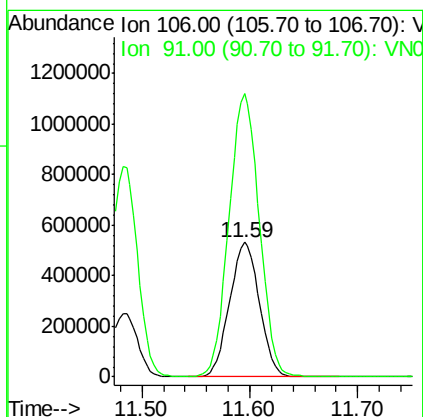
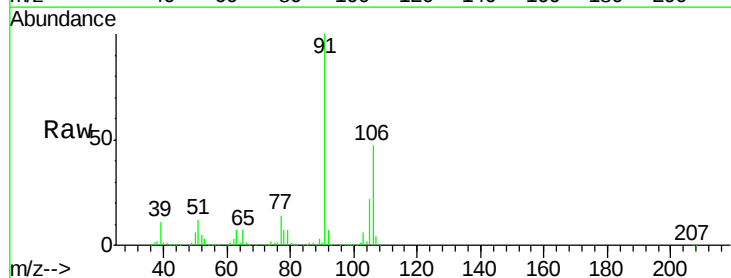
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

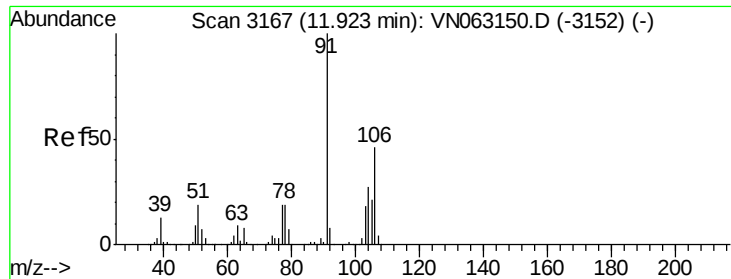
Tgt Ion: 91 Resp: 1411618
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



#68
m/p-Xylenes
Concen: 104.347 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 106 Resp: 1025143
Ion Ratio Lower Upper
106 100
91 213.7 166.7 250.1

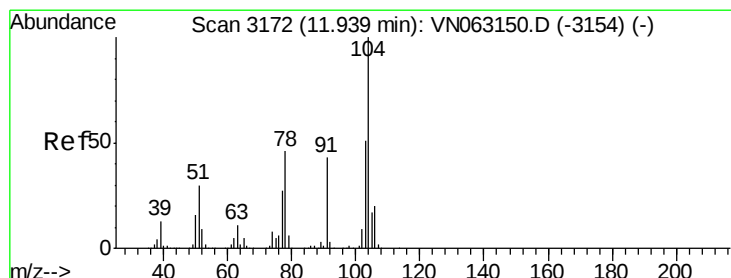
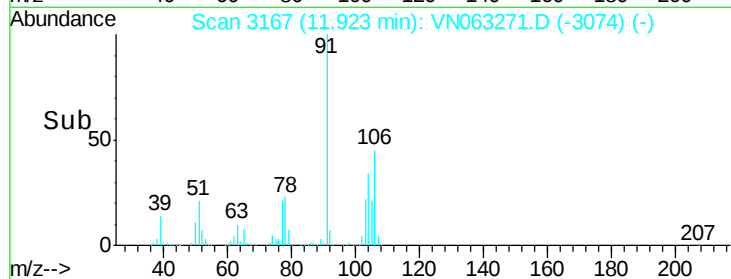
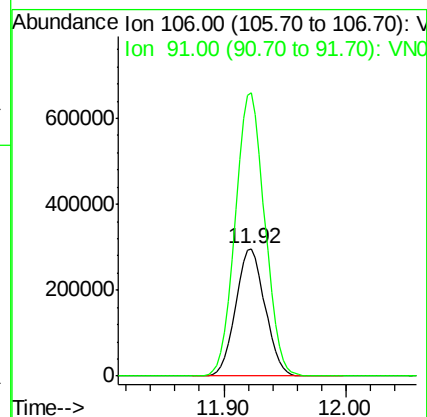
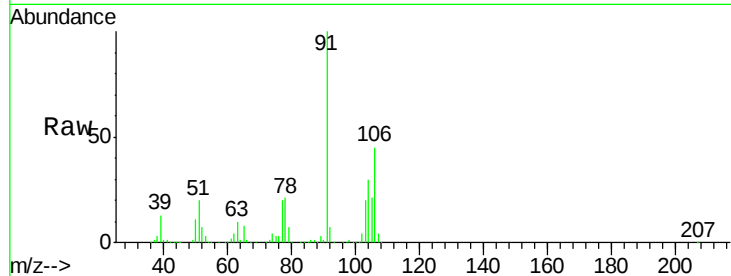




#69
o-Xylene
Concen: 52.576 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

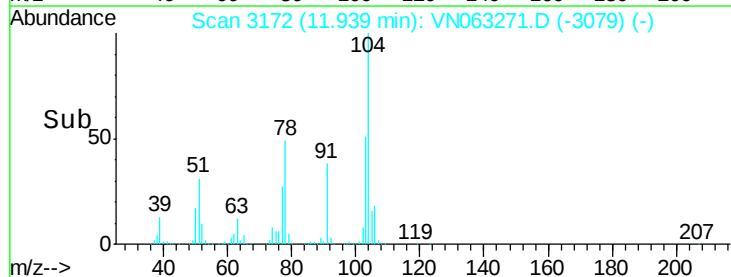
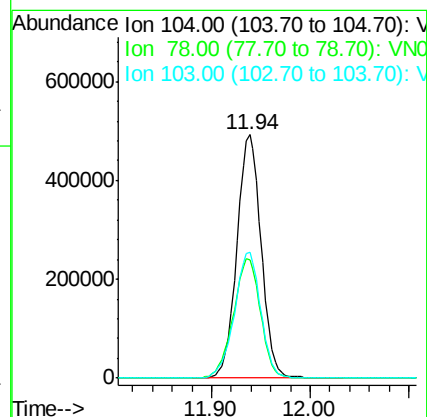
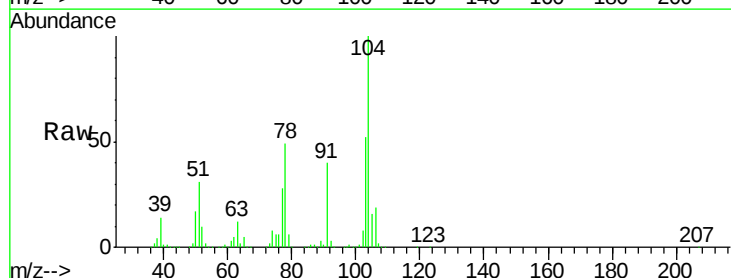
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

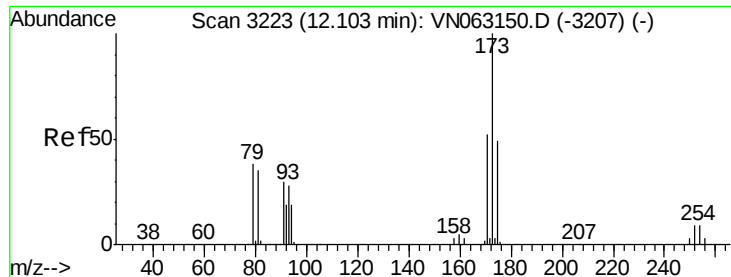
Tgt Ion:106 Resp: 498986
Ion Ratio Lower Upper
106 100
91 222.1 108.6 325.6



#70
Styrene
Concen: 51.785 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion:104 Resp: 844657
Ion Ratio Lower Upper
104 100
78 54.9 41.0 61.6
103 56.0 43.8 65.8





#71

Bromoform

Concen: 54.123 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

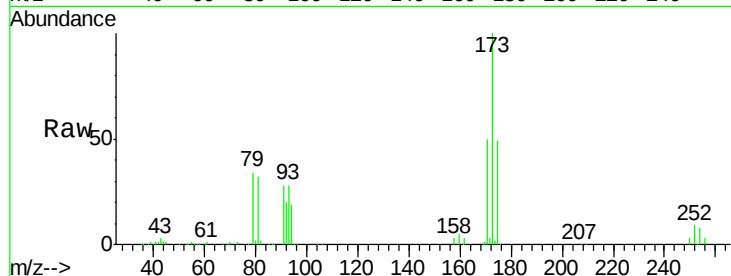
Tgt Ion:173 Resp: 198288

Ion Ratio Lower Upper

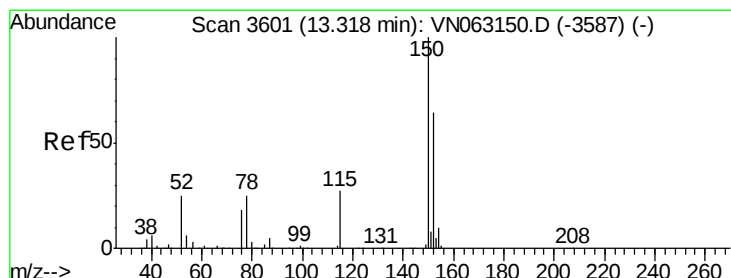
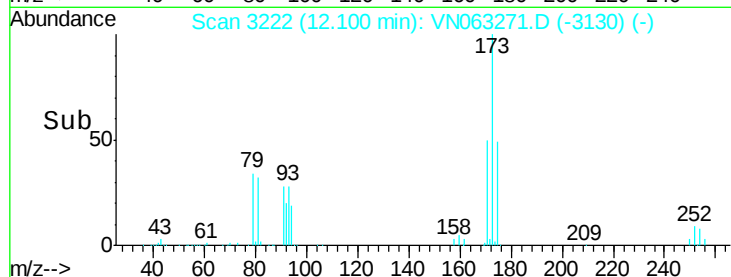
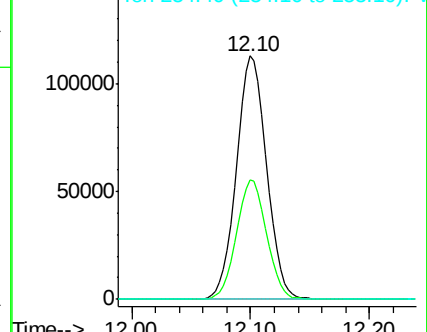
173 100

175 48.7 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: VN063271.D

Acq: 9 Sep 2020 10:08

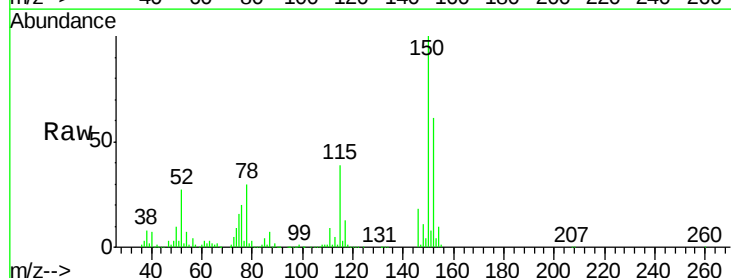
Tgt Ion:152 Resp: 347811

Ion Ratio Lower Upper

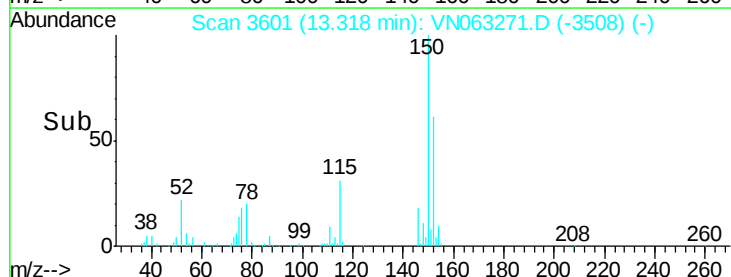
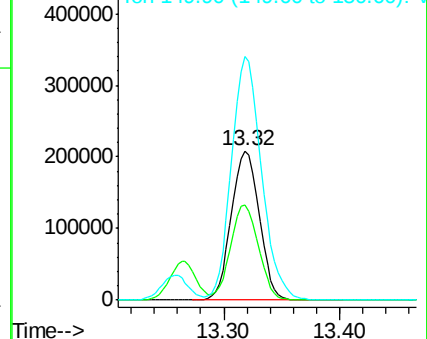
152 100

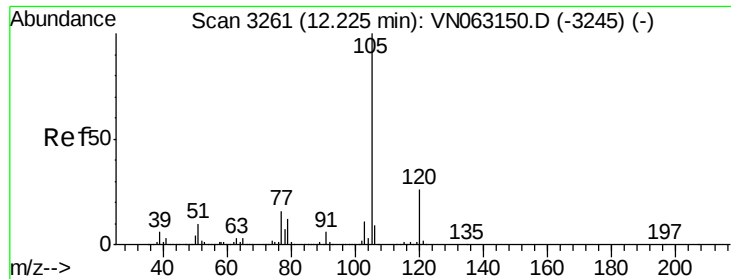
115 63.2 32.0 96.2

150 174.9 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: 50.599 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

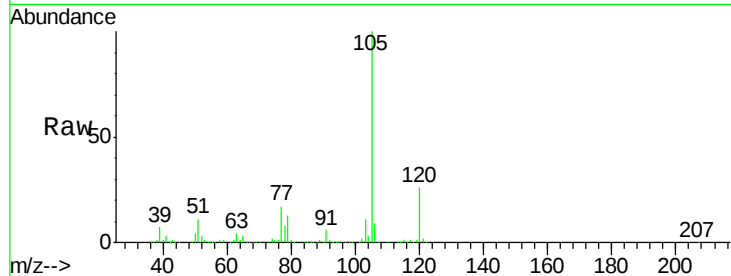
VSTDCCC050

Tgt Ion:105 Resp: 1349807

Ion Ratio Lower Upper

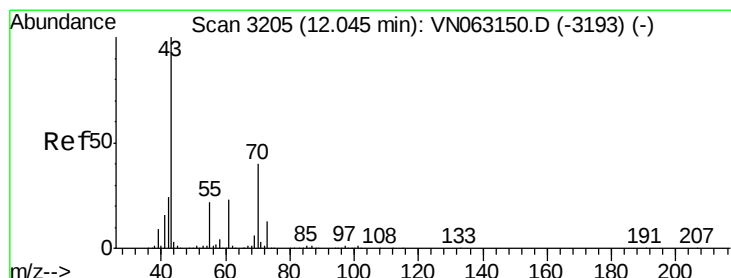
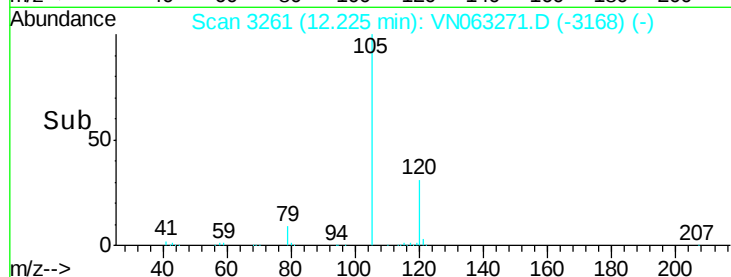
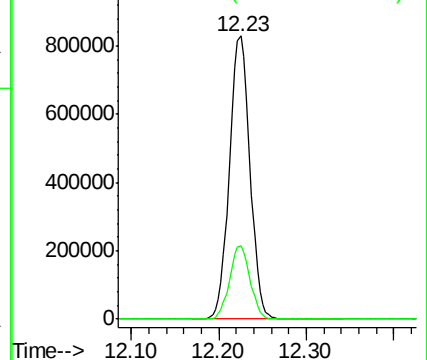
105 100

120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.569 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Tgt Ion: 43 Resp: 569828

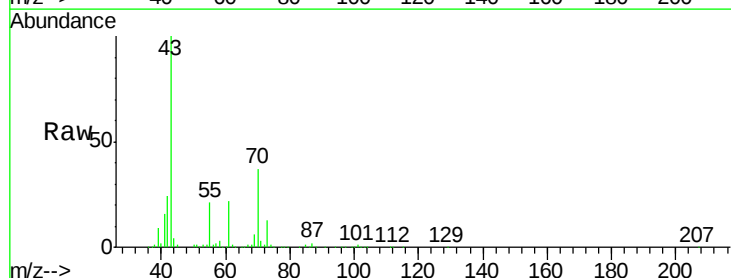
Ion Ratio Lower Upper

43 100

70 36.5 32.1 48.1

55 21.6 17.4 26.0

61 21.9 18.6 27.8

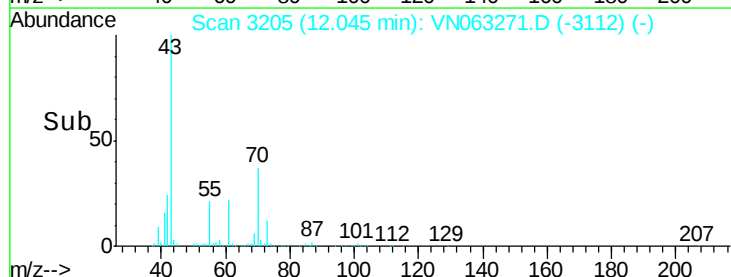
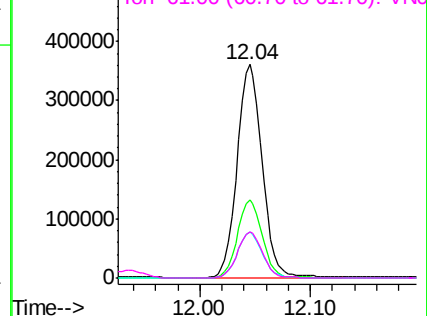


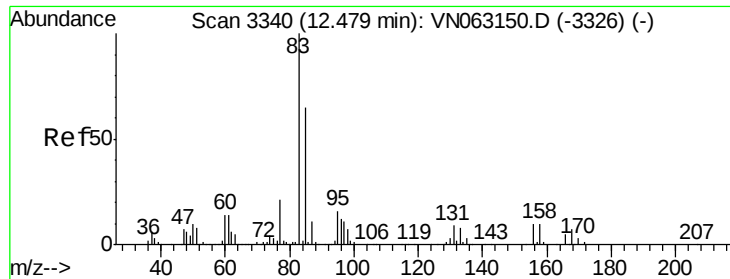
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.843 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

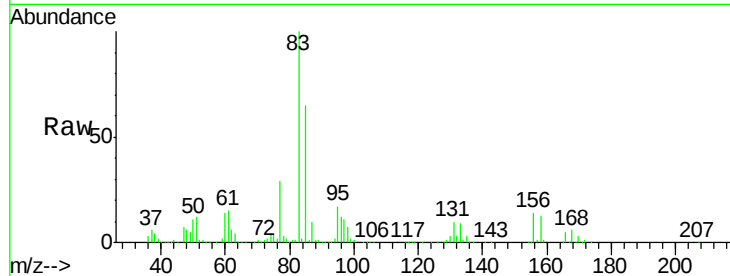
Tgt Ion: 83 Resp: 352580

Ion Ratio Lower Upper

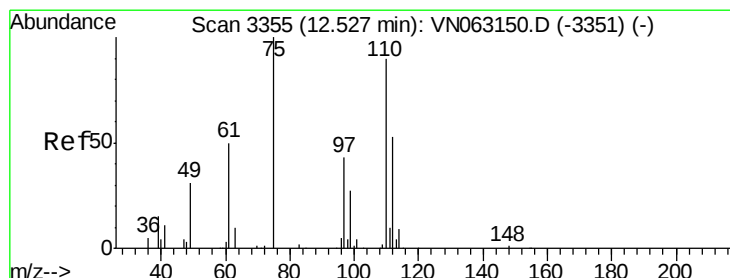
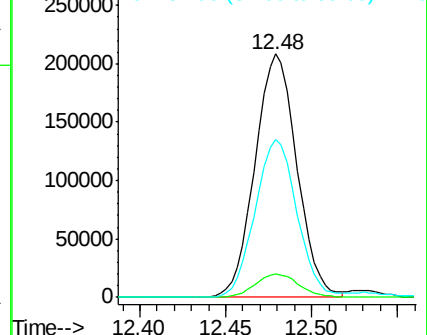
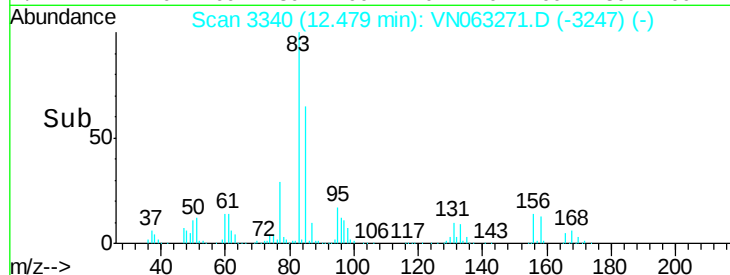
83 100

131 10.2 4.7 14.0

85 64.8 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VN063271.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 75.868 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063271.D

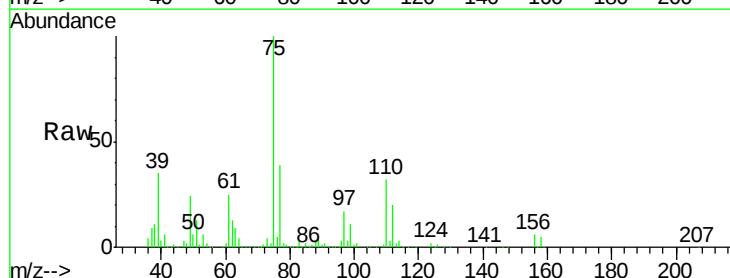
Acq: 9 Sep 2020 10:08

Tgt Ion: 75 Resp: 518460

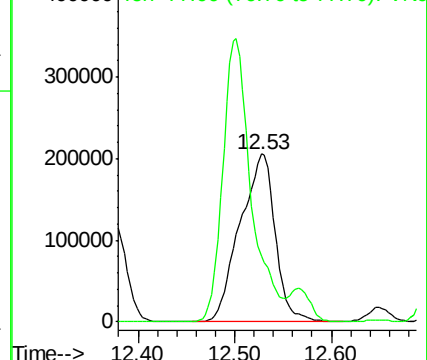
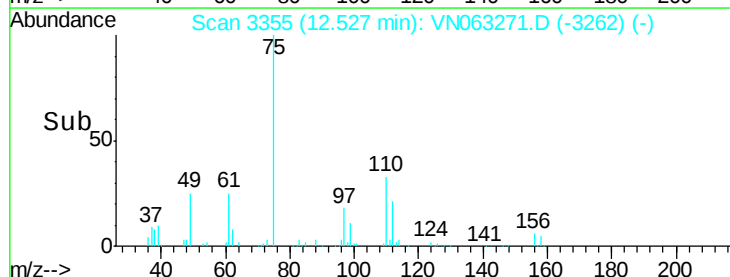
Ion Ratio Lower Upper

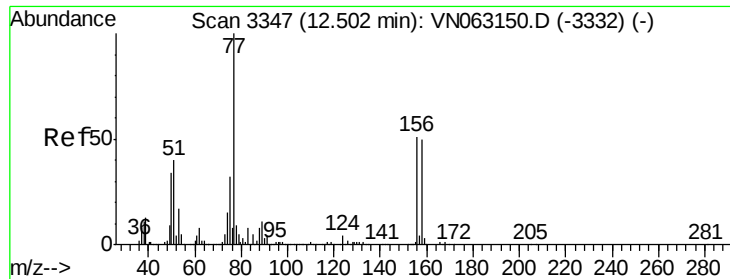
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063271.D (-3262) (-)





#77

Bromobenzene

Concen: 50.336 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

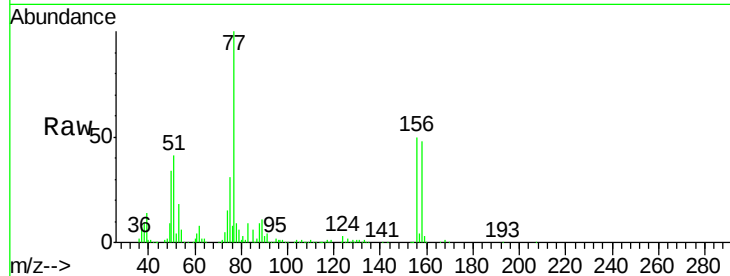
Tgt Ion:156 Resp: 303686

Ion Ratio Lower Upper

156 100

77 232.7 116.1 348.3

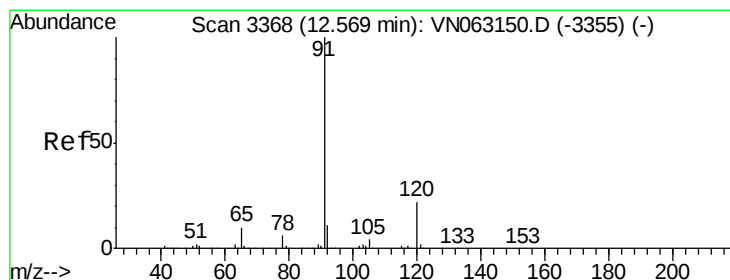
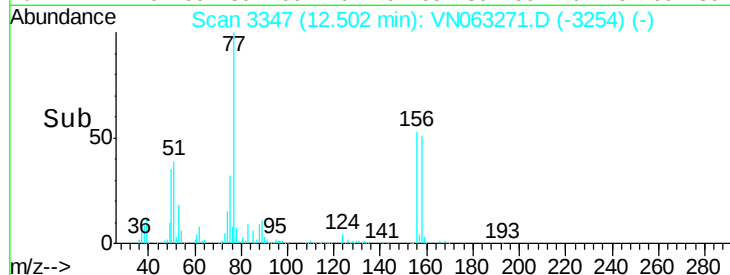
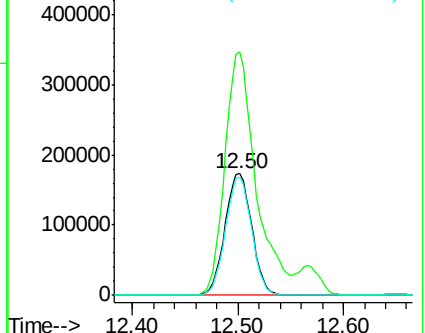
158 94.8 48.8 146.4



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: 51.239 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063271.D

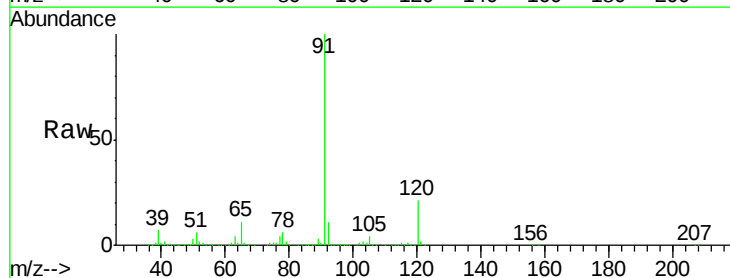
Acq: 9 Sep 2020 10:08

Tgt Ion: 91 Resp: 1581717

Ion Ratio Lower Upper

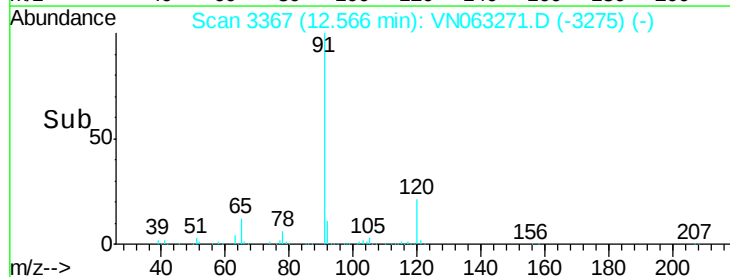
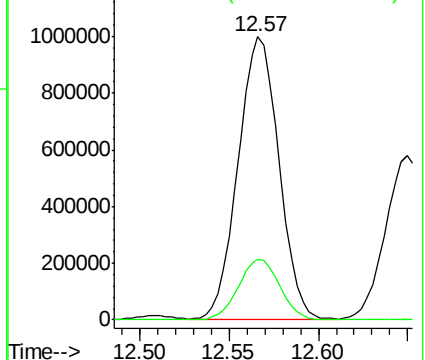
91 100

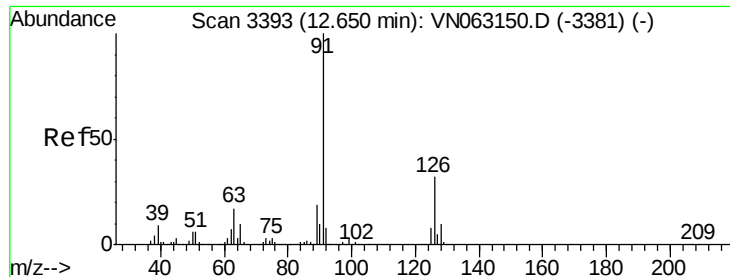
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

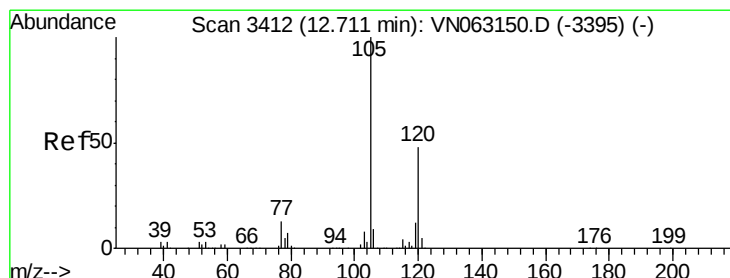
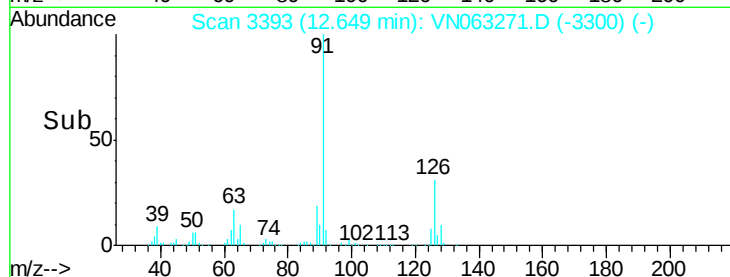
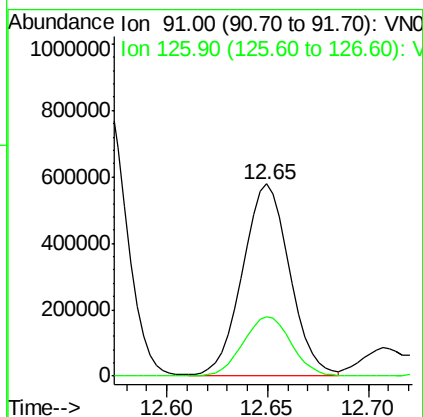
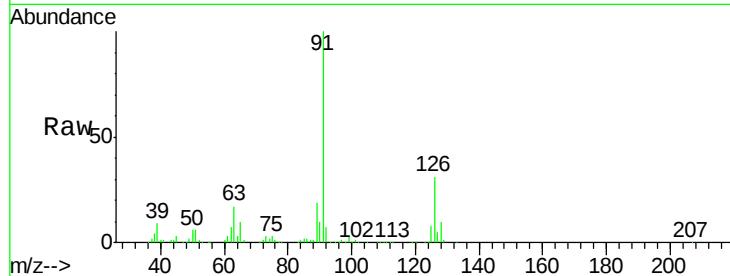




#79
 2-Chlorotoluene
 Concen: 50.904 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

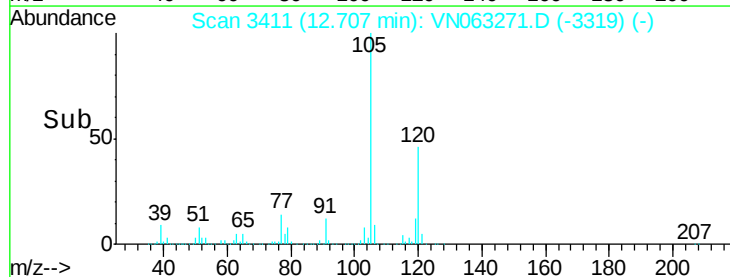
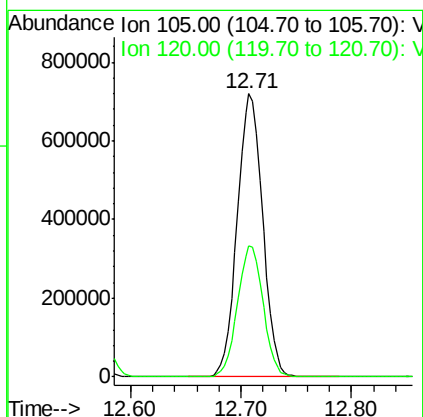
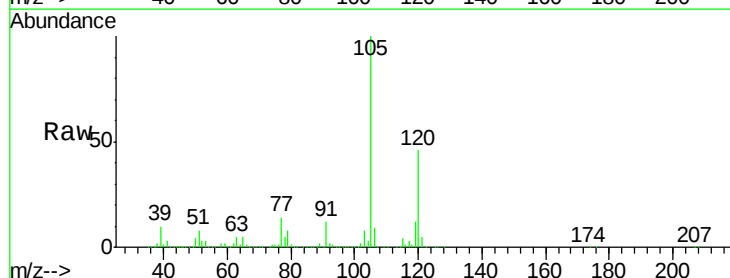
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

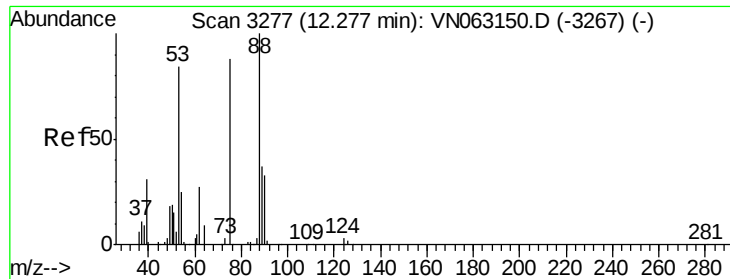
Tgt Ion: 91 Resp: 941154
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.664 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion: 105 Resp: 1147192
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.2 72.6

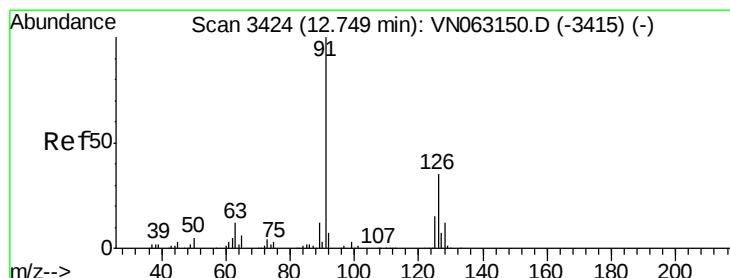
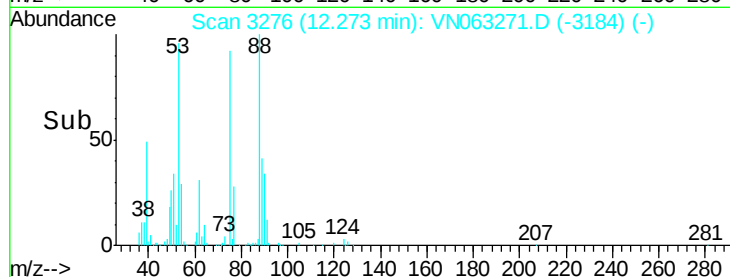
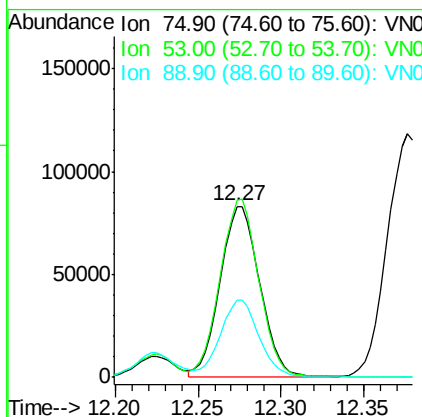
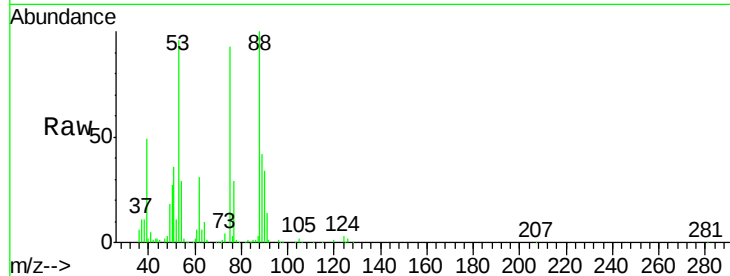




#81
trans-1,4-Dichloro-2-butene
Concen: 48.624 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

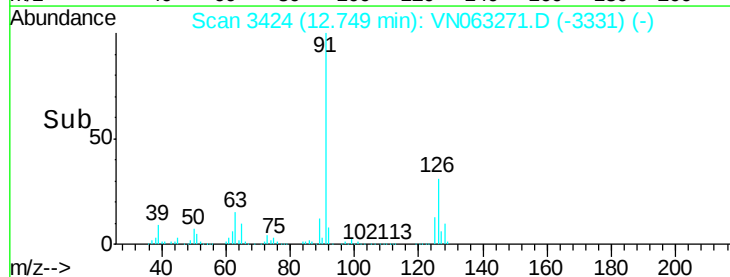
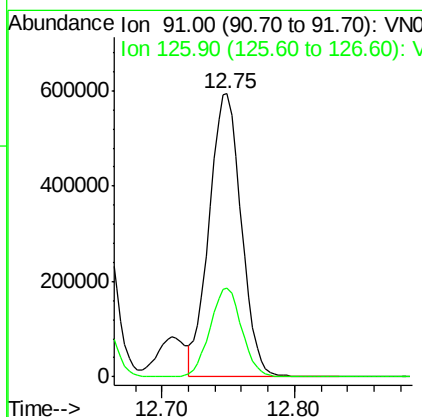
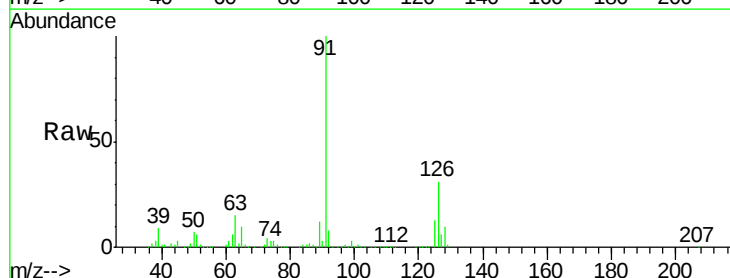
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

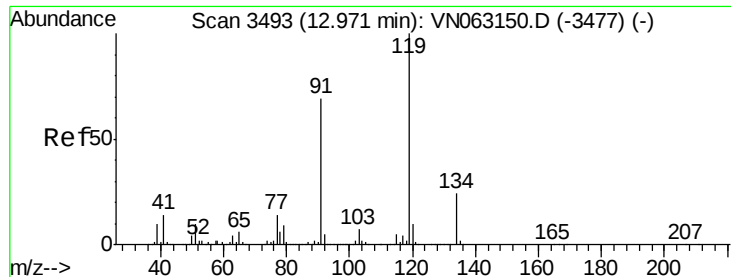
Tgt Ion: 75 Resp: 137480
Ion Ratio Lower Upper
75 100
53 103.1 78.7 118.1
89 44.5 35.3 52.9



#82
4-Chlorotoluene
Concen: 51.992 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion: 91 Resp: 996972
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.5

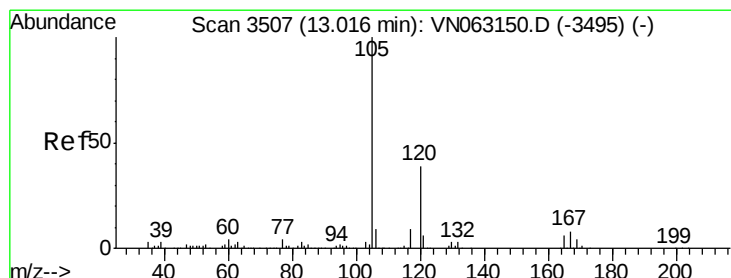
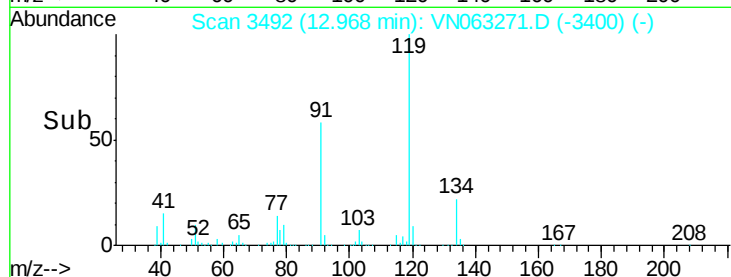
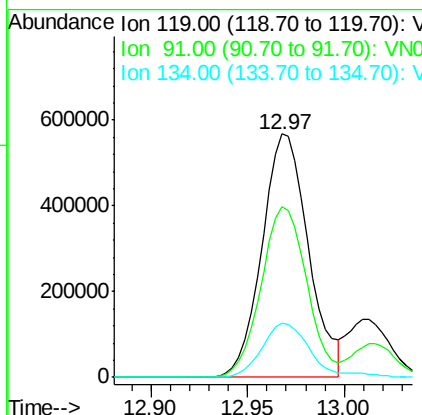
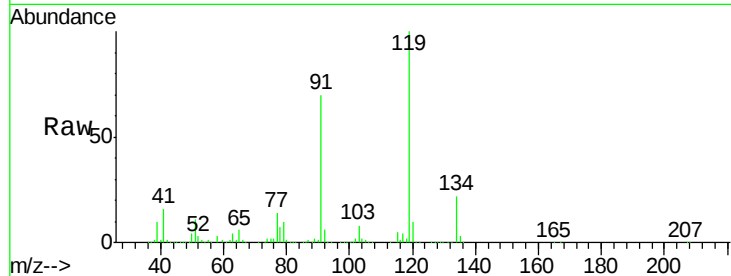




#83
 tert-Butylbenzene
 Concen: 49.726 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

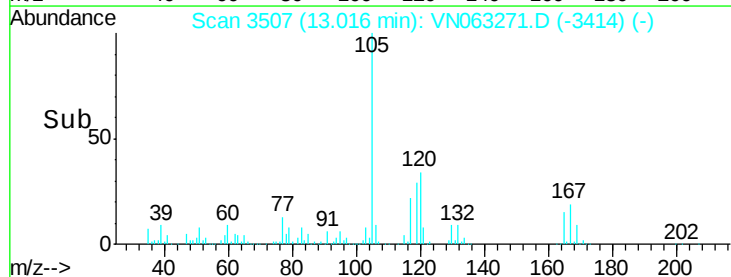
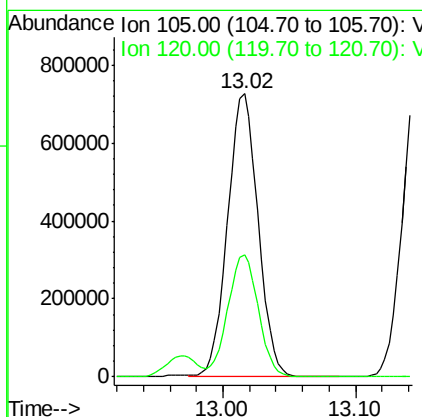
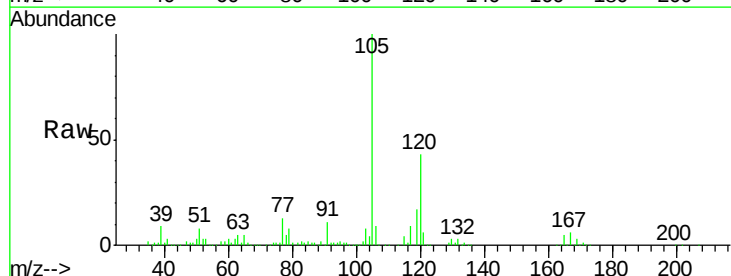
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

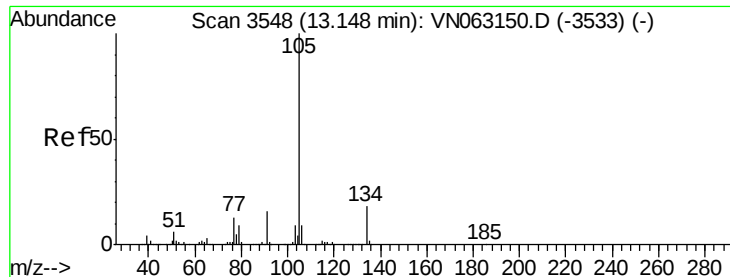
Tgt Ion:119 Resp: 946939
 Ion Ratio Lower Upper
 119 100
 91 69.0 33.7 101.0
 134 23.5 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.587 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion:105 Resp: 1154607
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.6 67.7

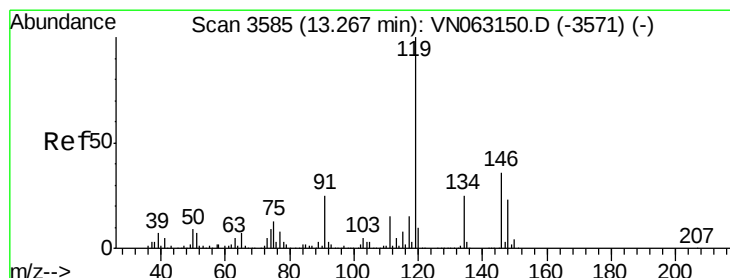
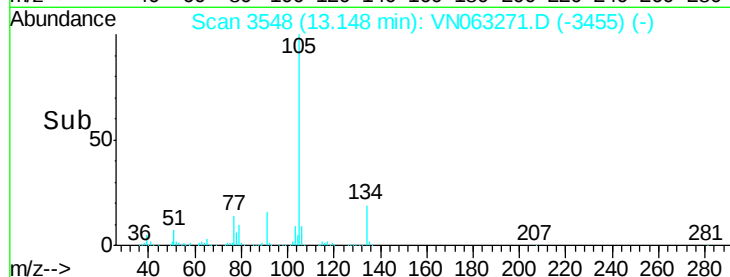
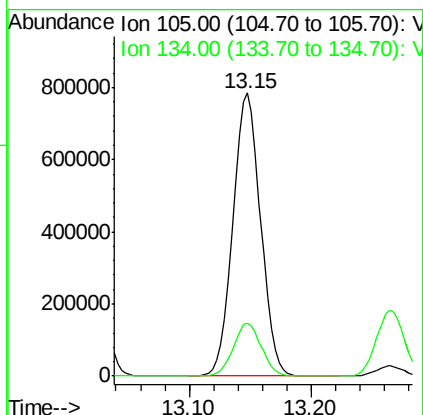
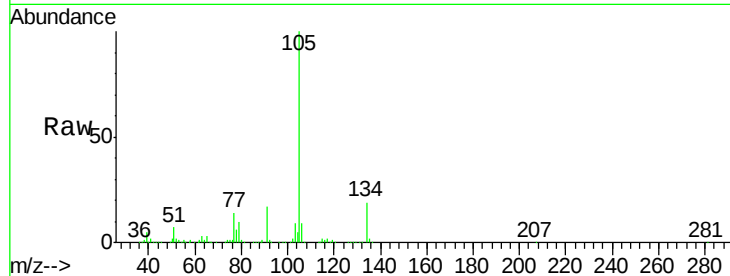




#85
 sec-Butylbenzene
 Concen: 49.714 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

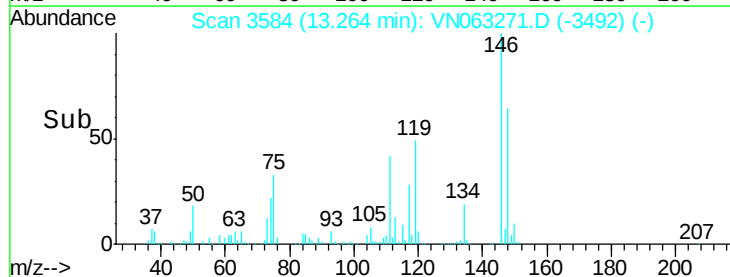
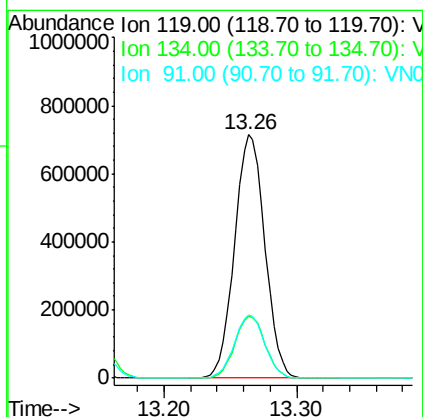
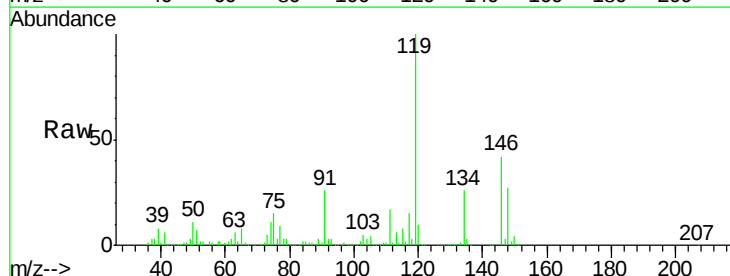
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

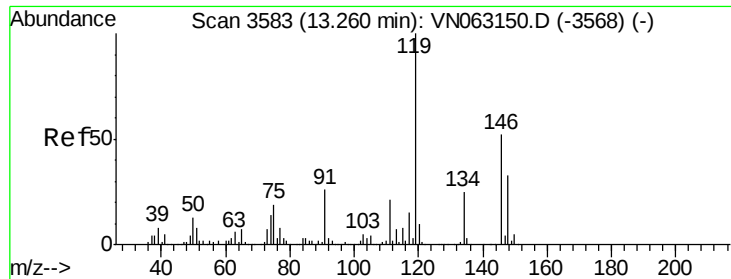
Tgt Ion:105 Resp: 1233850
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 51.186 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion:119 Resp: 1127863
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.4 37.4
 91 26.0 12.2 36.6

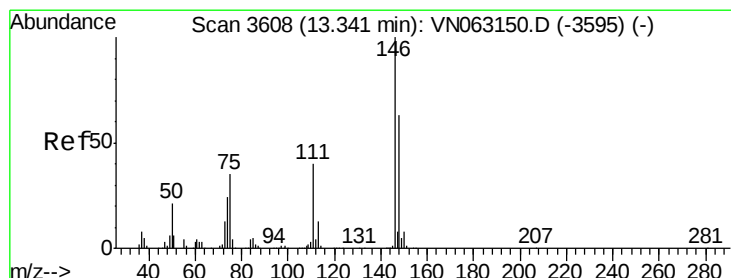
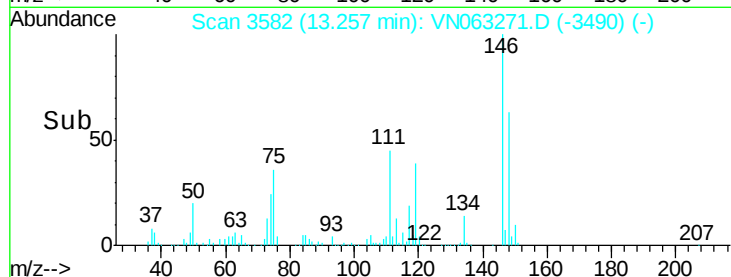
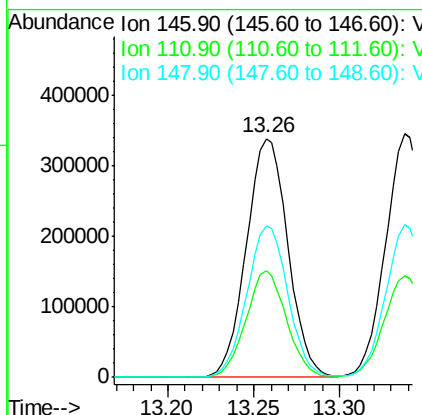
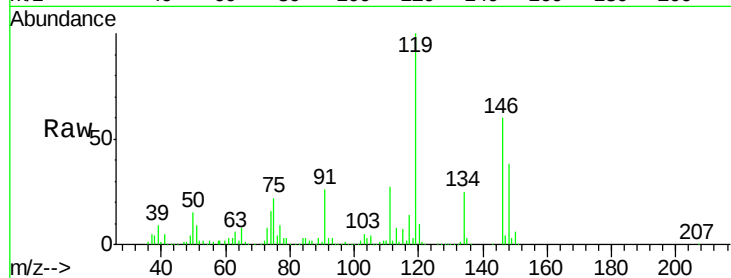




#87
 1,3-Dichlorobenzene
 Concen: 51.079 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

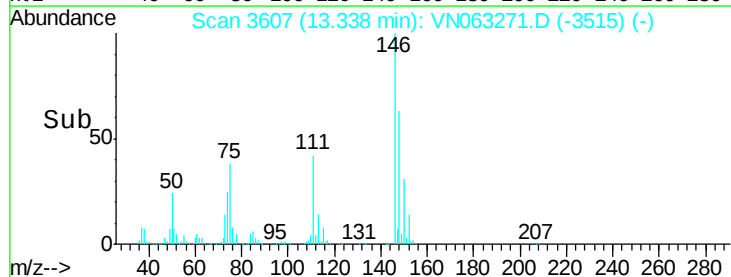
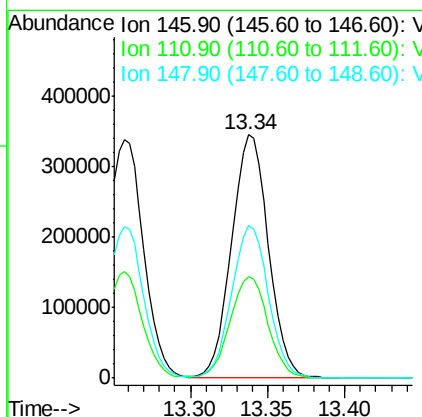
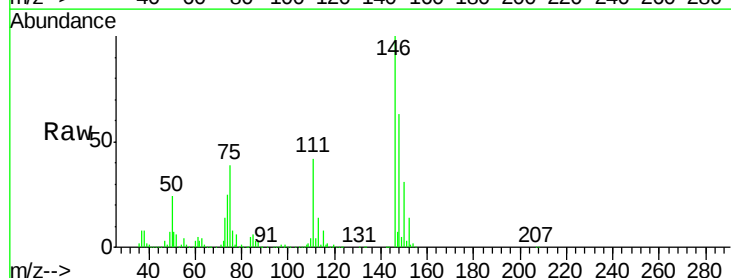
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

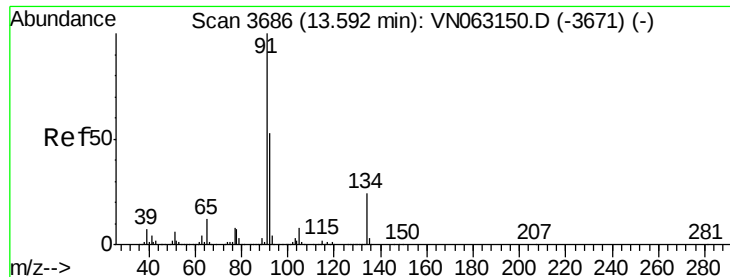
Tgt Ion:146 Resp: 566124
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.3 63.7
 148 62.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.408 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion:146 Resp: 567024
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.5 61.5
 148 62.6 31.9 95.7





#89

n-Butylbenzene

Concen: 50.788 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063271.D

Acq: 9 Sep 2020 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

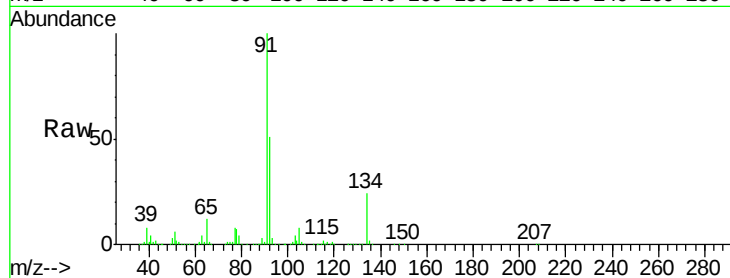
Tgt Ion: 91 Resp: 1033867

Ion Ratio Lower Upper

91 100

92 51.5 26.3 78.8

134 23.6 12.0 36.0

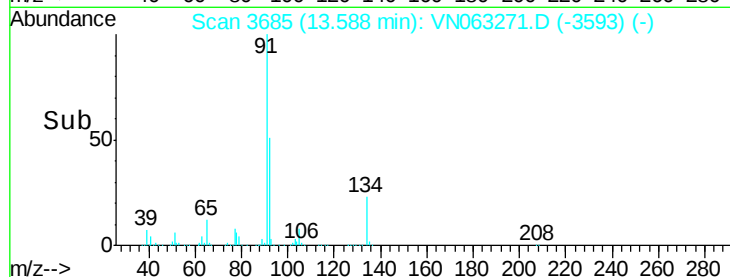


Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN063150.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN063150.D (-3671) (-)

Time--> 13.50 13.60

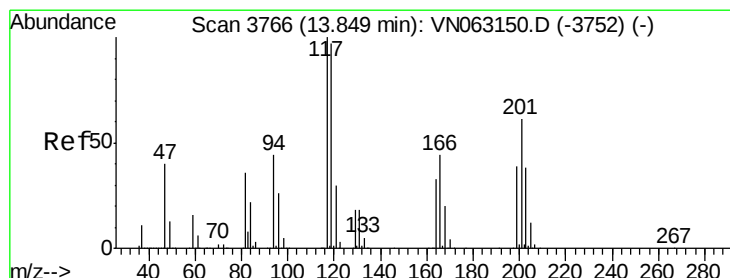


Abundance Ion 91.00 (90.70 to 91.70): VN063271.D (-3593) (-)

Ion 92.00 (91.70 to 92.70): VN063271.D (-3593) (-)

Ion 134.00 (133.70 to 134.70): VN063271.D (-3593) (-)

Time--> 13.50 13.60



#90

Hexachloroethane

Concen: 47.136 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063271.D

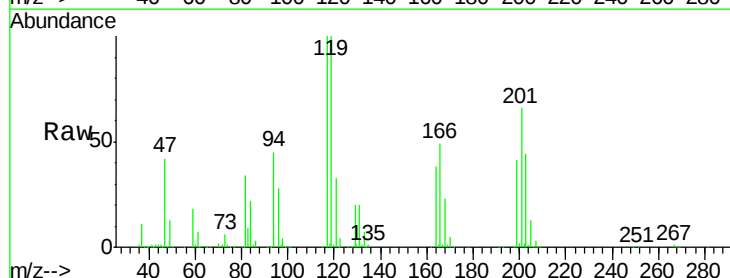
Acq: 9 Sep 2020 10:08

Tgt Ion: 117 Resp: 192266

Ion Ratio Lower Upper

117 100

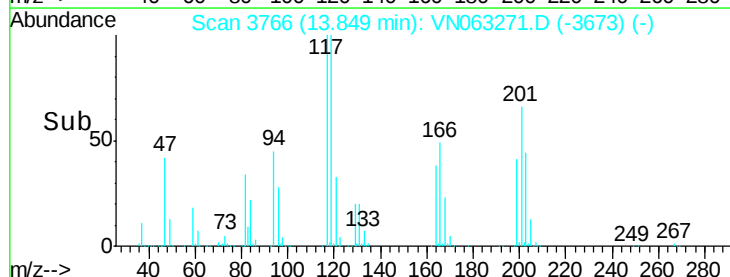
201 67.5 30.6 92.0



Abundance Ion 116.80 (116.50 to 117.50): VN063150.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063150.D (-3752) (-)

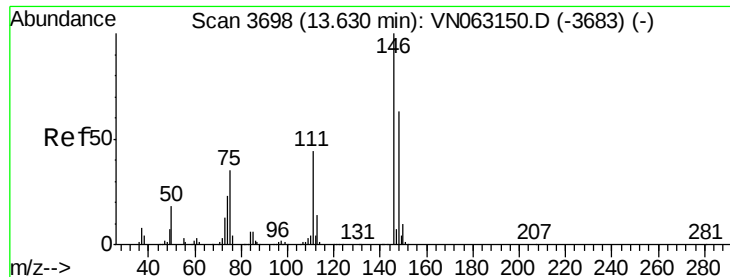
Time--> 13.75 13.80 13.85 13.90



Abundance Ion 116.80 (116.50 to 117.50): VN063271.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063271.D (-3673) (-)

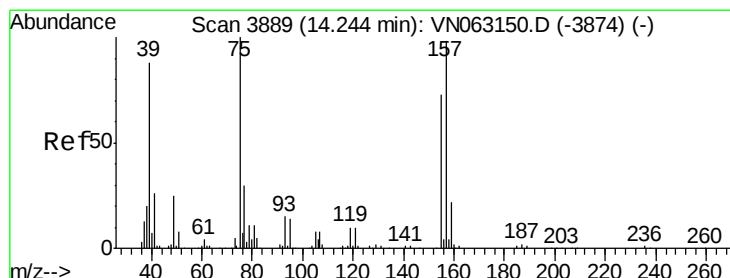
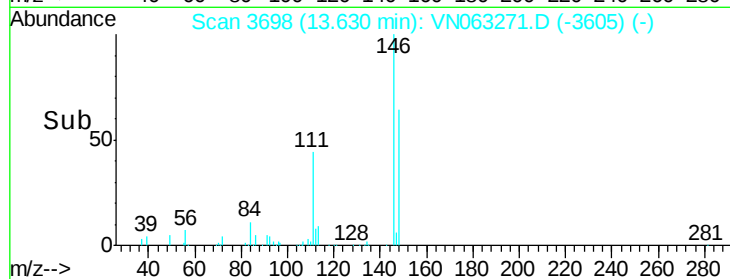
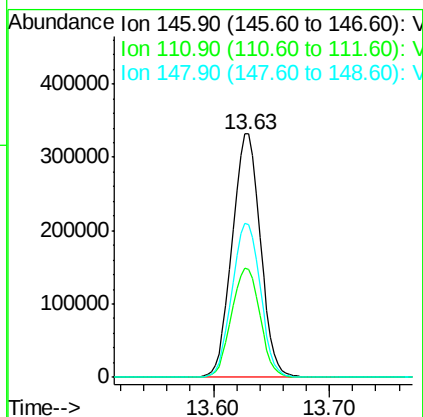
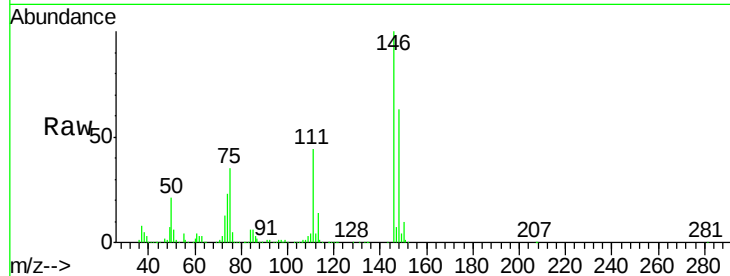
Time--> 13.75 13.80 13.85 13.90



#91
 1,2-Dichlorobenzene
 Concen: 52.017 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

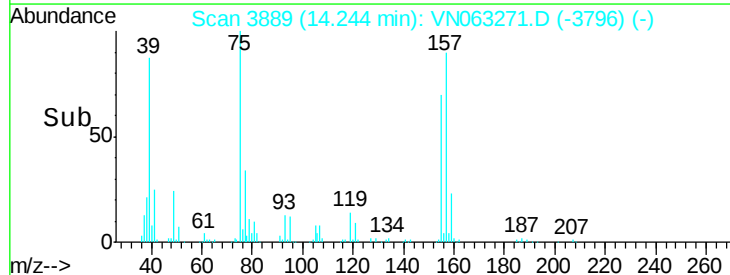
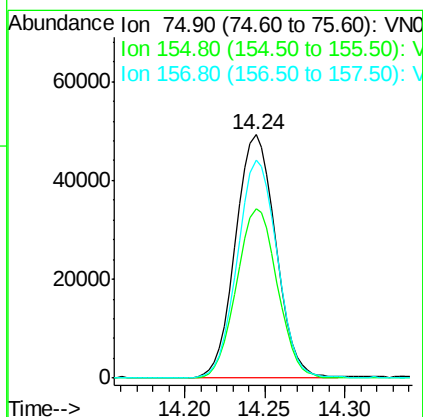
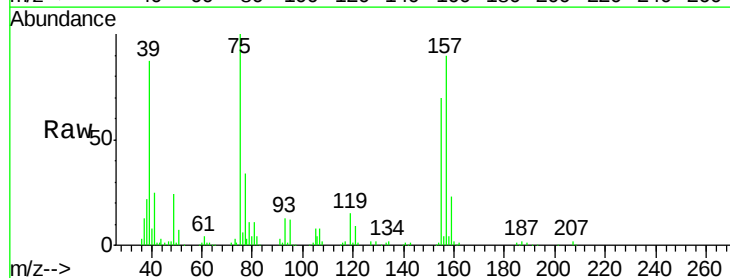
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

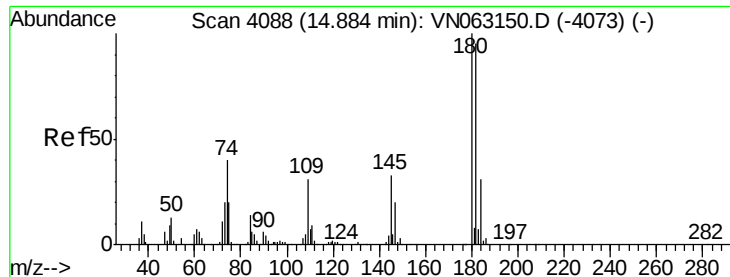
Tgt Ion: 146 Resp: 559464
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.0 66.0
 148 63.8 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.984 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion: 75 Resp: 84517
 Ion Ratio Lower Upper
 75 100
 155 70.5 36.1 108.5
 157 88.7 48.4 145.0

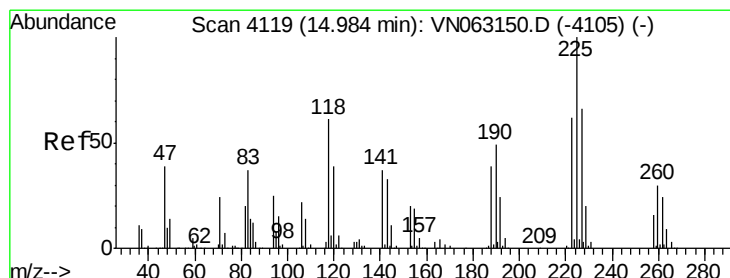
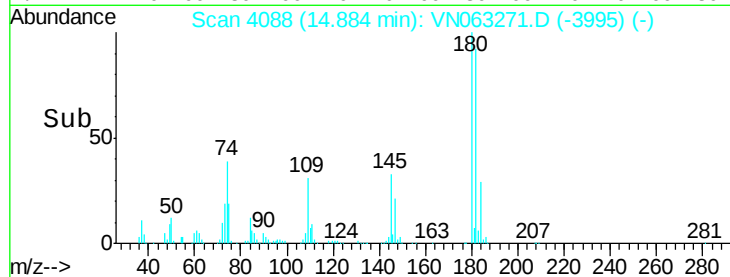
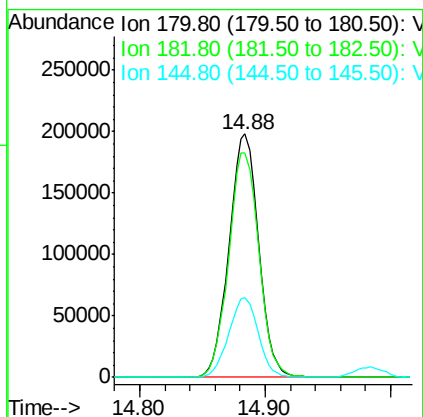
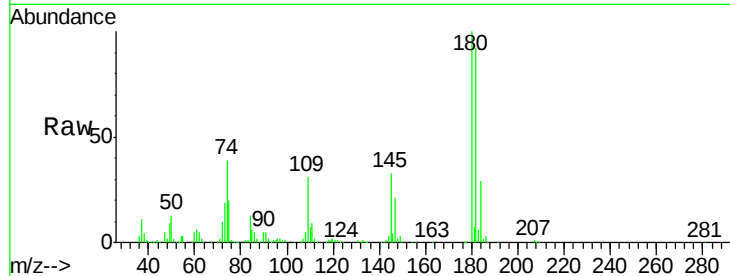




#93
 1,2,4-Trichlorobenzene
 Concen: 53.913 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

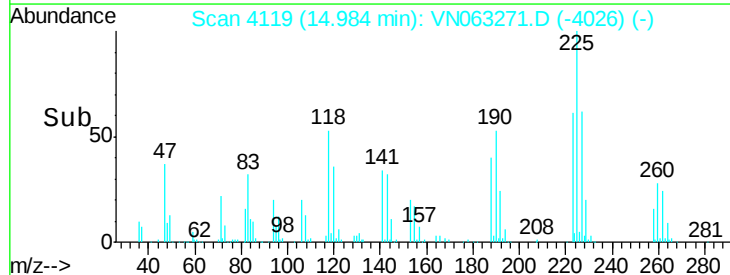
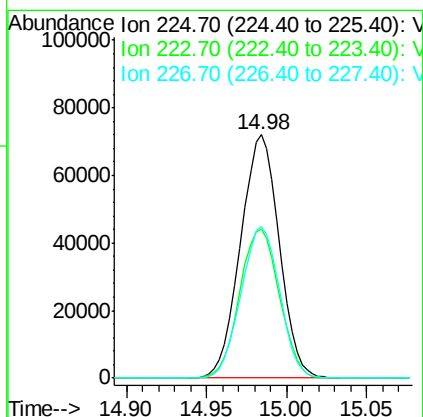
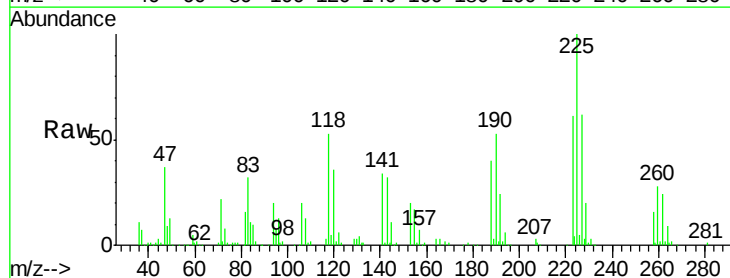
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

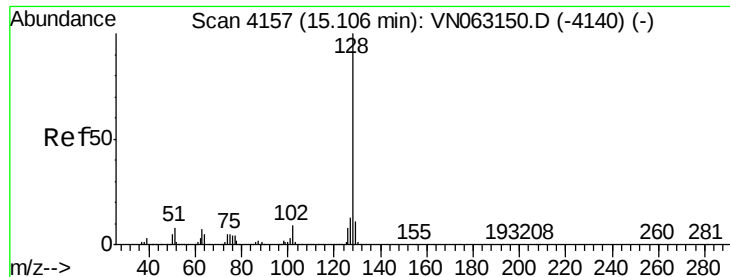
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.5
145	32.8	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 52.957 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063271.D
 Acq: 9 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.9	92.7
227	62.2	32.9	98.7

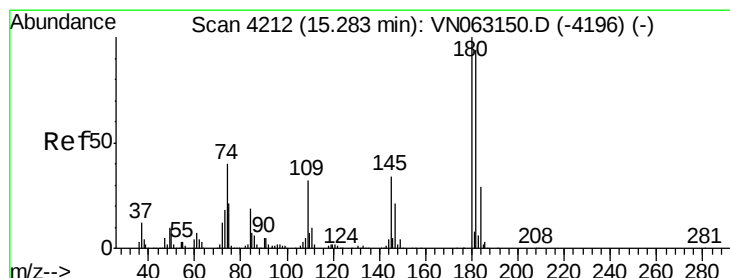
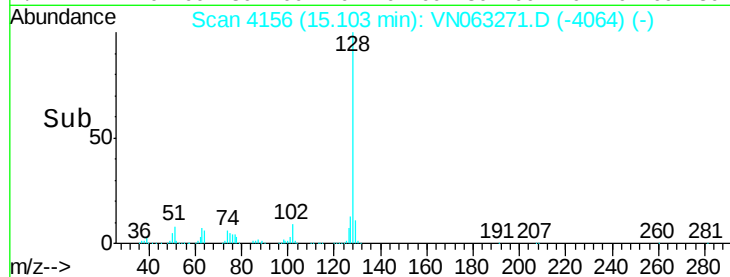
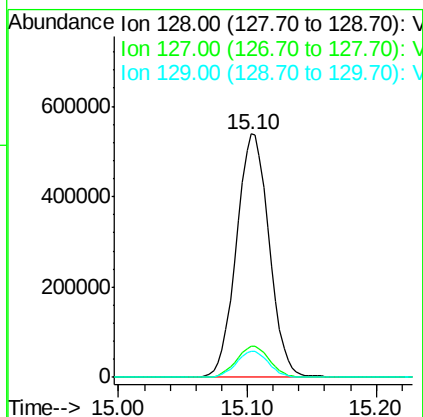
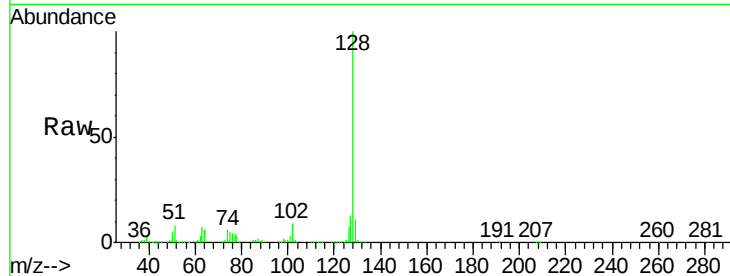




#95
Naphthalene
Concen: 47.497 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 952210
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.092 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063271.D
Acq: 9 Sep 2020 10:08

Tgt Ion:180 Resp: 299105
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 34.2 17.3 52.0

