

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063261.D
 Acq On : 5 Sep 2020 1:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 07:33:10 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	261200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	526583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	507633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	230643	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	226908	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
35) Dibromofluoromethane	7.55	113	168067	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
50) Toluene-d8	10.06	98	606726	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
62) 4-Bromofluorobenzene	12.38	95	216672	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	88112	34.253	ug/l	99
3) Chloromethane	2.03	50	169263	45.188	ug/l	99
4) Vinyl Chloride	2.16	62	172500	41.690	ug/l	97
5) Bromomethane	2.53	94	191638	55.022	ug/l	100
6) Chloroethane	2.67	64	173245	52.660	ug/l	94
7) Trichlorofluoromethane	2.98	101	256534	44.517	ug/l	100
8) Diethyl Ether	3.37	74	107455	54.278	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	114169	40.595	ug/l	99
10) Methyl Iodide	3.91	142	185143	48.268	ug/l	99
11) Tert butyl alcohol	4.72	59	144481	275.662	ug/l	99
12) 1,1-Dichloroethene	3.69	96	124600	43.479	ug/l	92
13) Acrolein	3.56	56	52285	261.265	ug/l	98
14) Allyl chloride	4.27	41	245287	48.194	ug/l	96
15) Acrylonitrile	4.92	53	419962	285.706	ug/l	98
16) Acetone	3.77	43	361264	297.631	ug/l	97
17) Carbon Disulfide	4.01	76	340986	39.976	ug/l	98
18) Methyl Acetate	4.27	43	200393	64.389	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	597379	56.192	ug/l	97
20) Methylene Chloride	4.50	84	191049	56.036	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	162148	51.213	ug/l	90
22) Diisopropyl ether	5.89	45	630796	55.307	ug/l	98
23) Vinyl Acetate	5.84	43	2662415	292.555	ug/l	99
24) 1,1-Dichloroethane	5.79	63	327200	52.039	ug/l	98
25) 2-Butanone	6.78	43	564619	300.418	ug/l	100
26) 2,2-Dichloropropane	6.77	77	199485	35.017	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	208845	54.268	ug/l	93
28) Bromochloromethane	7.14	49	176556	53.747	ug/l	99
29) Tetrahydrofuran	7.16	42	382844	294.597	ug/l	99
30) Chloroform	7.33	83	360121	54.744	ug/l	99
31) Cyclohexane	7.61	56	202202	36.002	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	269503	47.544	ug/l	99
36) 1,1-Dichloropropene	7.75	75	217509	42.966	ug/l	98
37) Ethyl Acetate	6.87	43	252327	52.765	ug/l #	95
38) Carbon Tetrachloride	7.73	117	207679	40.453	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063261.D
 Acq On : 5 Sep 2020 1:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 07:33:10 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)
39) Methylcyclohexane	9.05	83	188177	33.088	ug/l	100
40) Benzene	8.00	78	753724	50.666	ug/l	98
41) Methacrylonitrile	7.16	41	364644	170.983	ug/l #	20
42) 1,2-Dichloroethane	8.08	62	308222	55.466	ug/l	100
43) Isopropyl Acetate	8.12	43	452446	54.803	ug/l	99
44) Trichloroethene	8.80	130	186343	51.642	ug/l	95
45) 1,2-Dichloropropane	9.08	63	200426	50.886	ug/l	100
46) Dibromomethane	9.17	93	147224	56.404	ug/l	98
47) Bromodichloromethane	9.37	83	300268	53.669	ug/l	99
48) Methyl methacrylate	9.16	41	209207	56.212	ug/l	94
49) 1,4-Dioxane	9.16	88	63338	1100.293	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1368586	305.059	ug/l	100
52) Toluene	10.12	92	466372	50.326	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	311026	50.822	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	326196	50.778	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	203680	57.391	ug/l	99
56) Ethyl methacrylate	10.40	69	303516	56.196	ug/l	100
57) 1,3-Dichloropropane	10.68	76	350179	55.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	734715	262.696	ug/l	99
59) 2-Hexanone	10.72	43	987208	313.110	ug/l	99
60) Dibromochloromethane	10.87	129	220403	56.173	ug/l	98
61) 1,2-Dibromoethane	10.97	107	211340	57.285	ug/l	97
64) Tetrachloroethene	10.60	164	176288	48.360	ug/l	95
65) Chlorobenzene	11.41	112	495795	48.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	191146	50.354	ug/l	100
67) Ethyl Benzene	11.48	91	872566	46.781	ug/l	97
68) m/p-Xylenes	11.59	106	638469	92.422	ug/l	99
69) o-Xylene	11.92	106	323684	48.502	ug/l	99
70) Styrene	11.94	104	572278	49.897	ug/l	100
71) Bromoform	12.10	173	139044	53.973	ug/l #	97
73) Isopropylbenzene	12.23	105	783014	44.263	ug/l	99
74) N-amyl acetate	12.05	43	410148	55.974	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	277233	54.358	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	365463	80.647	ug/l #	100
77) Bromobenzene	12.50	156	203555	50.879	ug/l	98
78) n-propylbenzene	12.57	91	886637	43.313	ug/l	100
79) 2-Chlorotoluene	12.65	91	569245	46.429	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	648504	44.042	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	85207	45.446	ug/l	98
82) 4-Chlorotoluene	12.75	91	595090	46.799	ug/l	100
83) tert-Butylbenzene	12.97	119	510375	40.416	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	690185	46.503	ug/l	97
85) sec-Butylbenzene	13.15	105	656424	39.885	ug/l	99
86) p-Isopropyltoluene	13.26	119	603714	41.317	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	360345	49.029	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	363489	47.763	ug/l	99
89) n-Butylbenzene	13.59	91	519093	38.455	ug/l	99
90) Hexachloroethane	13.85	117	101639	37.576	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	370210	51.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58819	52.458	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
Data File : VN063261.D
Acq On : 5 Sep 2020 1:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Sep 05 07:33:10 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

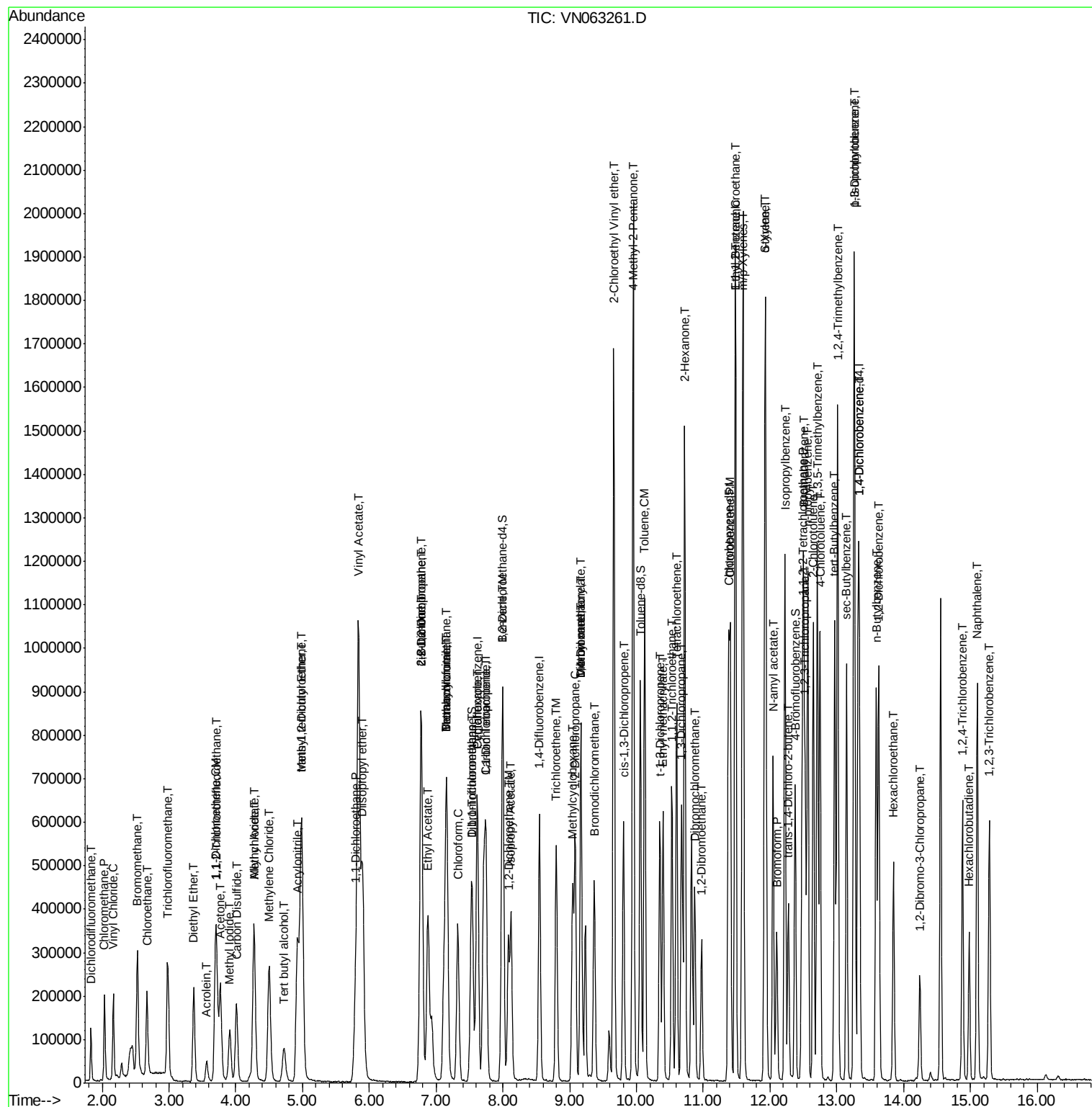
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	178787	44.869	ug/l	98
94) Hexachlorobutadiene	14.98	225	51009	34.268	ug/l	95
95) Naphthalene	15.10	128	758751	57.074	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	173981	44.816	ug/l	99

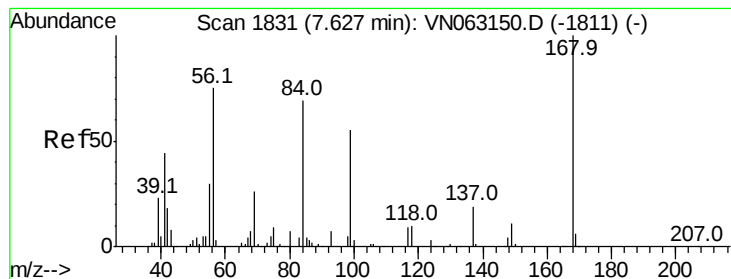
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063261.D
 Acq On : 5 Sep 2020 1:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 07:33:10 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

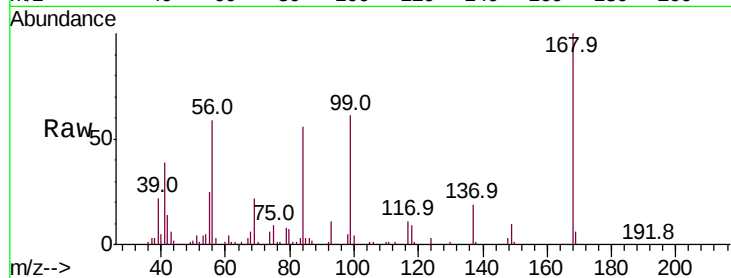
VSTDCCC050

Tot Ion:168 Resp: 261200

Ion Ratio Lower Upper

168 100

99 60.5 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

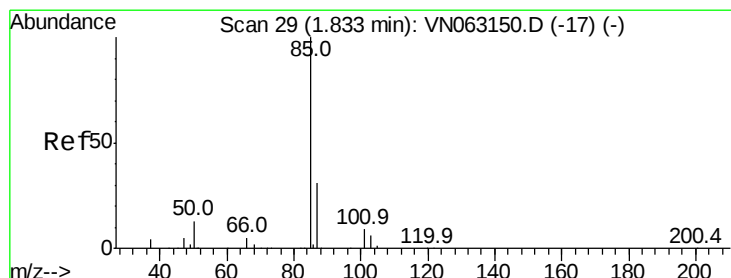
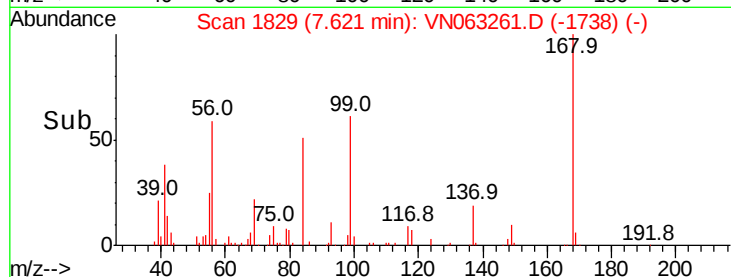
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 34.253 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063261.D

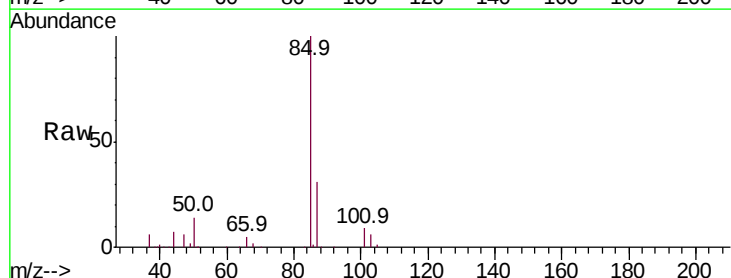
Acq: 5 Sep 2020 1:09

Tgt Ion: 85 Resp: 88112

Ion Ratio Lower Upper

85 100

87 31.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

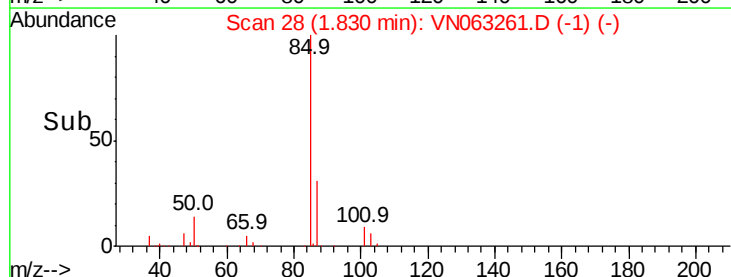
60000

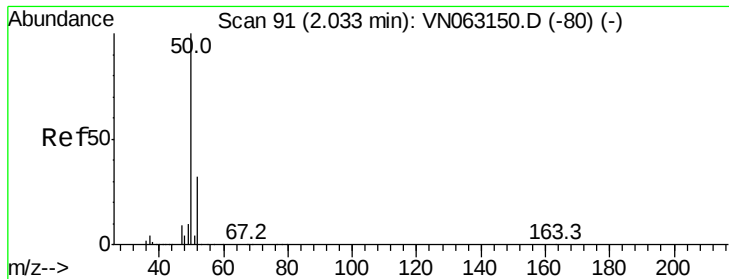
40000

20000

0

Time-->





#3

Chloromethane

Concen: 45.188 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

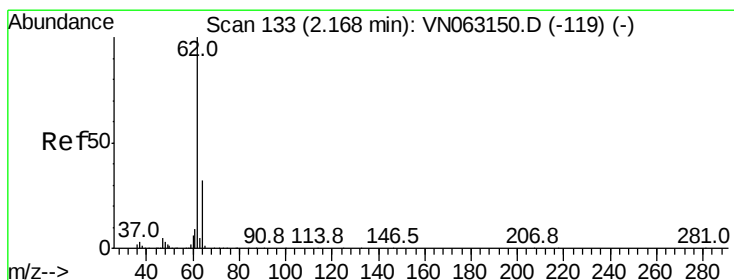
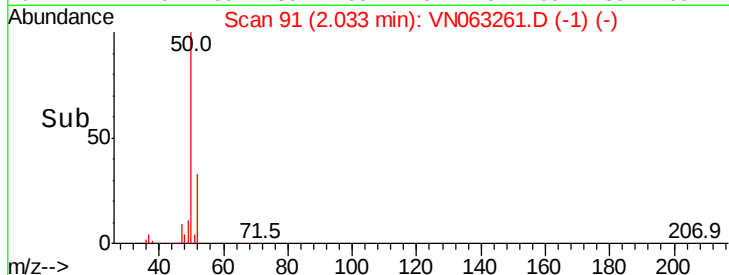
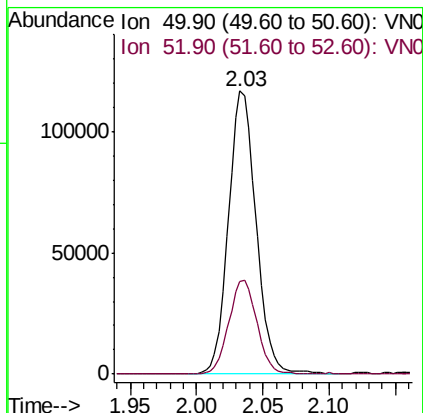
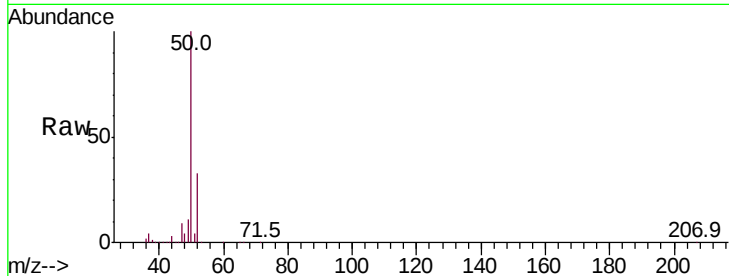
VSTDCCC050

Tot Ion: 50 Resp: 169263

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.6



#4

Vinyl Chloride

Concen: 41.690 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063261.D

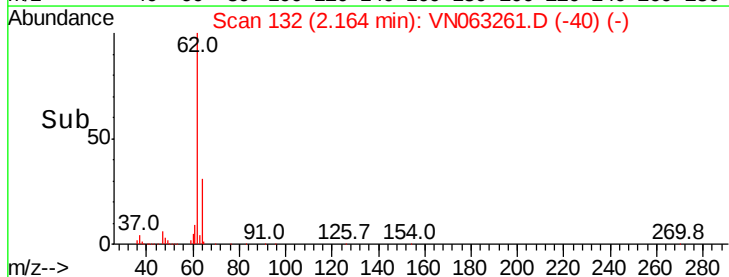
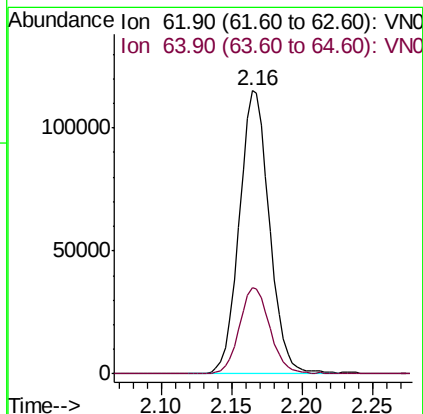
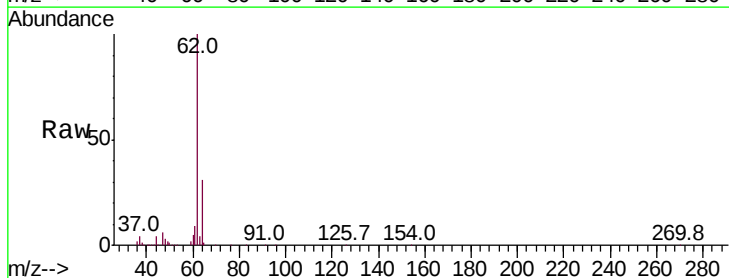
Acq: 5 Sep 2020 1:09

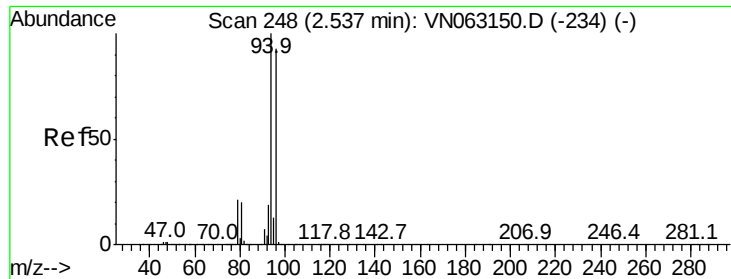
Tgt Ion: 62 Resp: 172500

Ion Ratio Lower Upper

62 100

64 30.7 25.8 38.8





#5

Bromomethane

Concen: 55.022 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.01 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampled :

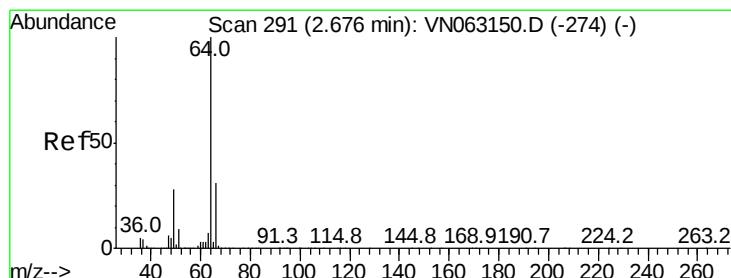
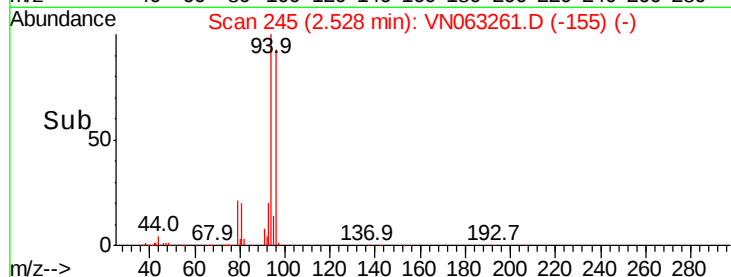
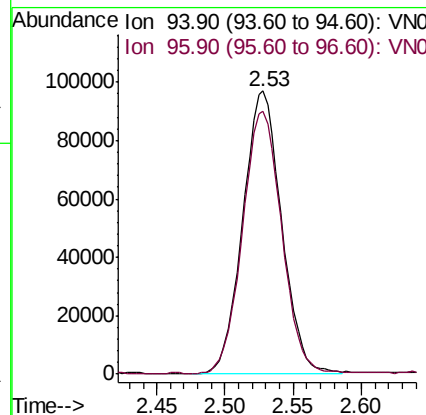
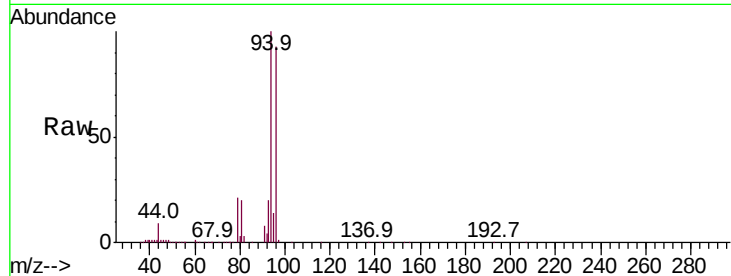
VSTDCCC050

Tot Ion: 94 Resp: 191638

Ion Ratio Lower Upper

94 100

96 92.7 74.4 111.6



#6

Chloroethane

Concen: 52.660 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN063261.D

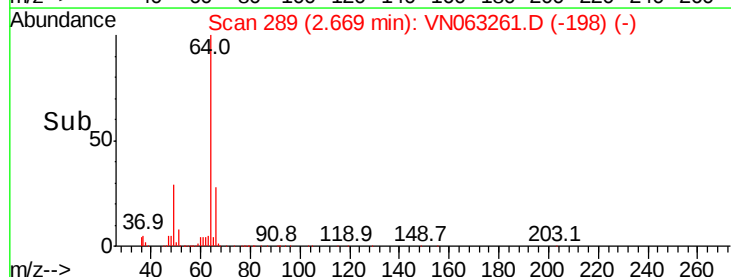
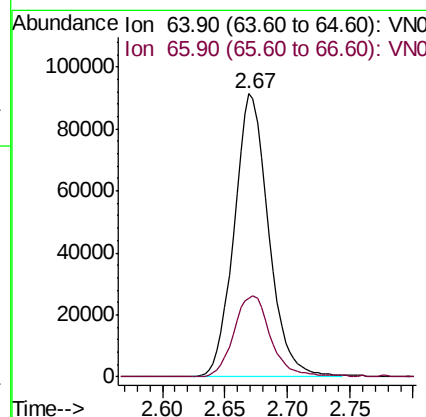
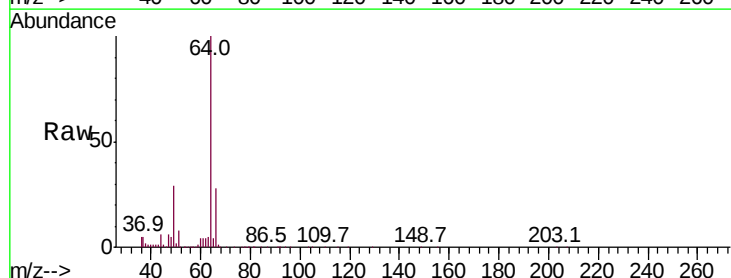
Acq: 5 Sep 2020 1:09

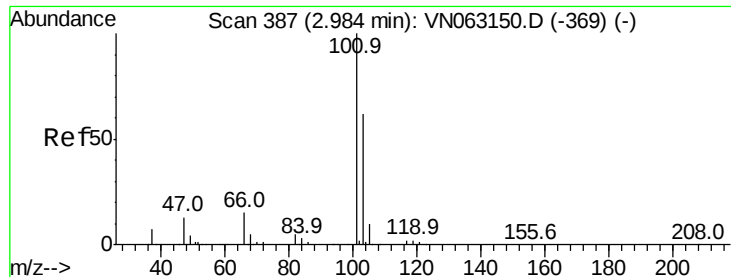
Tgt Ion: 64 Resp: 173245

Ion Ratio Lower Upper

64 100

66 27.7 24.7 37.1



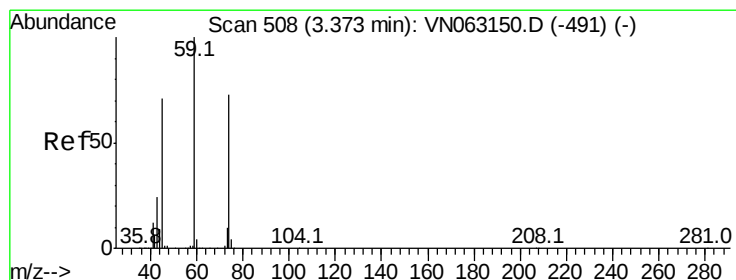
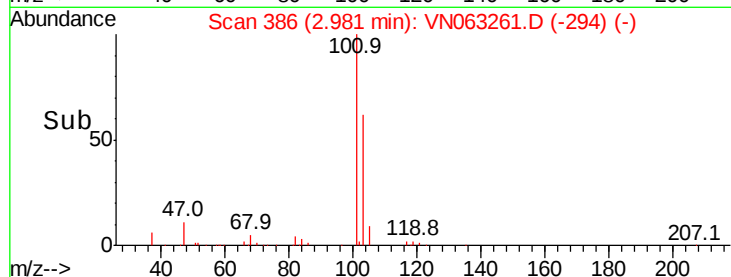
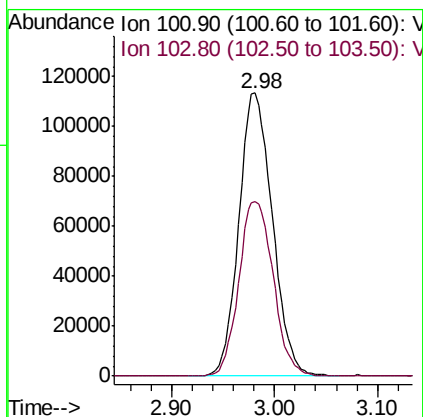
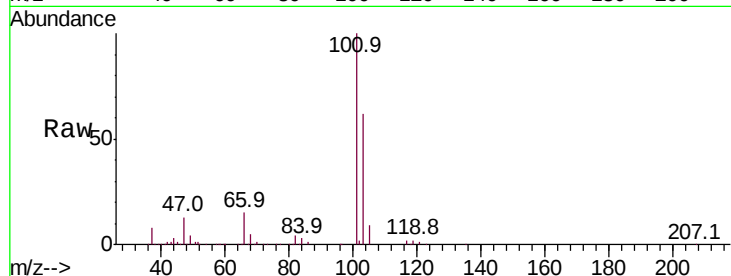


#7

Trichlorofluoromethane
Concen: 44.517 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

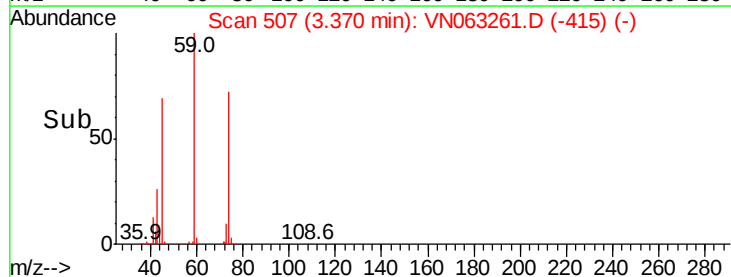
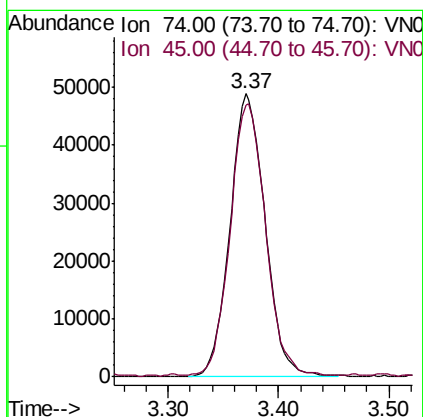
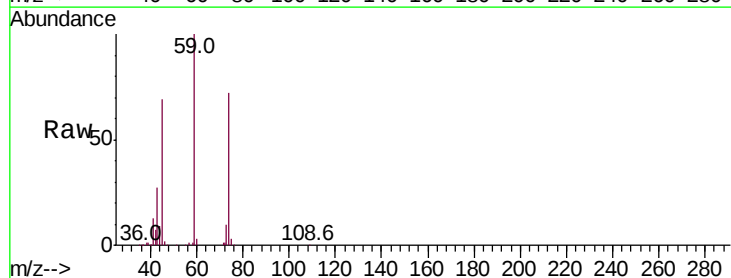
Tot Ion:101 Resp: 256534
Ion Ratio Lower Upper
101 100
103 61.7 49.7 74.5

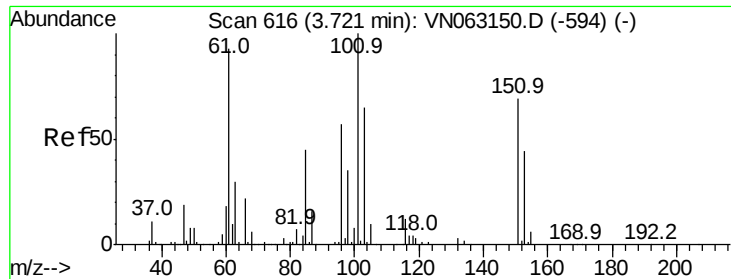


#8

Diethyl Ether
Concen: 54.278 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion: 74 Resp: 107455
Ion Ratio Lower Upper
74 100
45 96.6 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.595 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

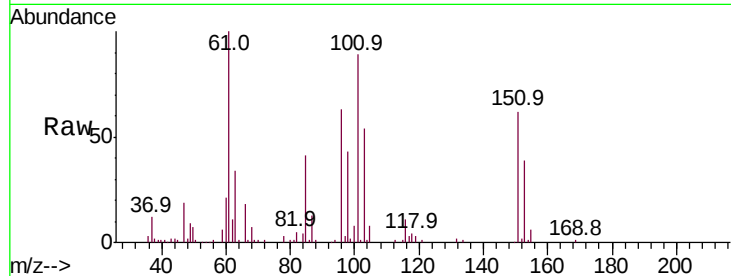
Tot Ion:101 Resp: 114169

Ion Ratio Lower Upper

101 100

85 47.5 37.8 56.8

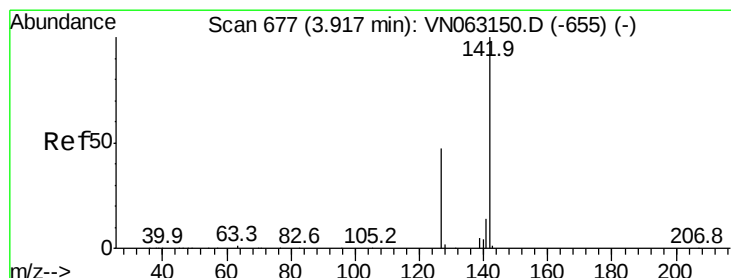
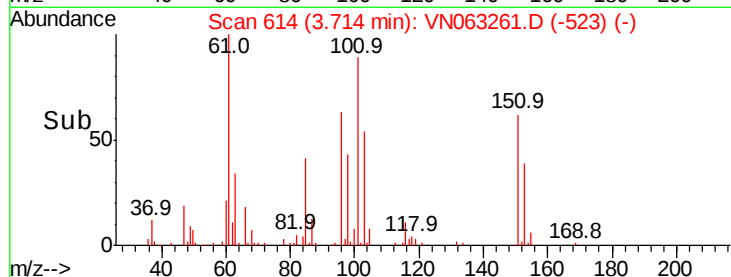
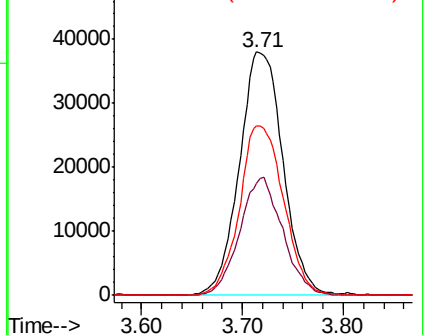
151 70.5 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.268 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

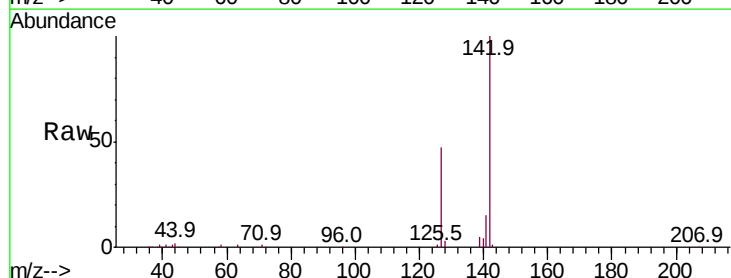
Tgt Ion:142 Resp: 185143

Ion Ratio Lower Upper

142 100

127 47.2 37.6 56.4

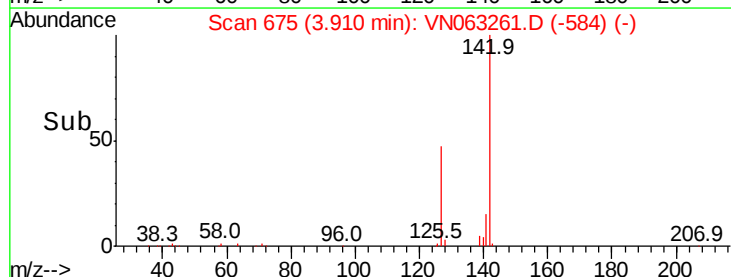
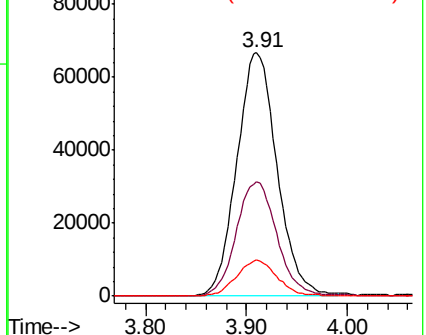
141 14.9 11.3 16.9

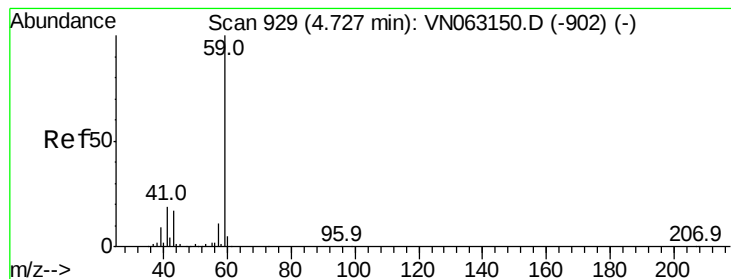


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



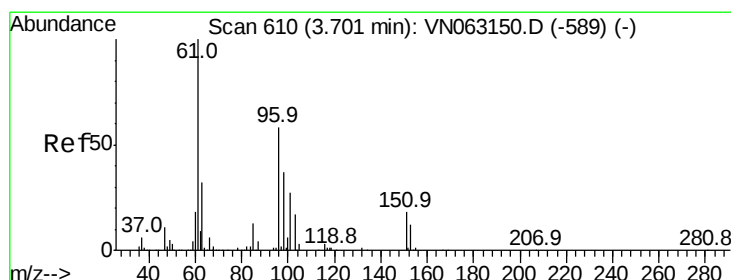
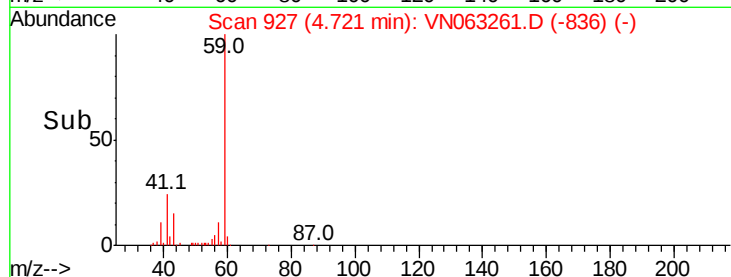
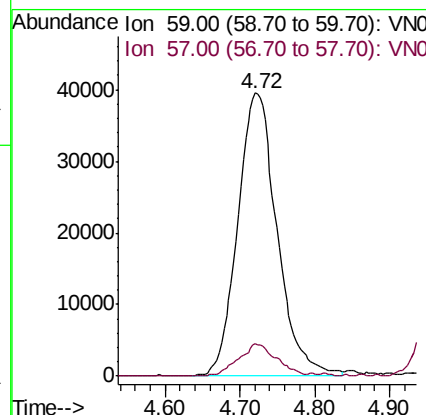
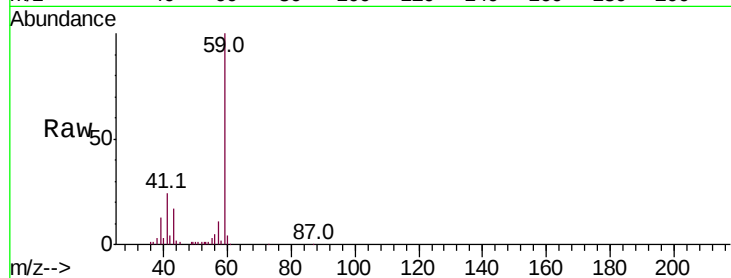


#11

Tert butyl alcohol
 Concen: 275.662 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063261.D
 Acq: 5 Sep 2020 1:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

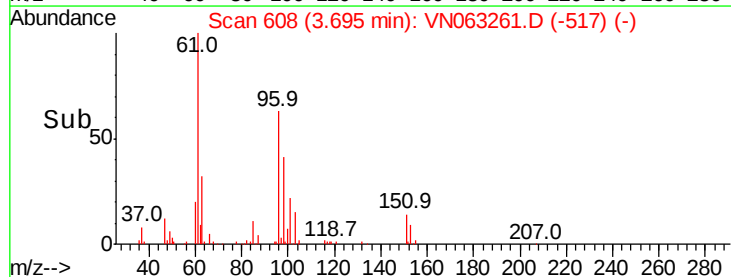
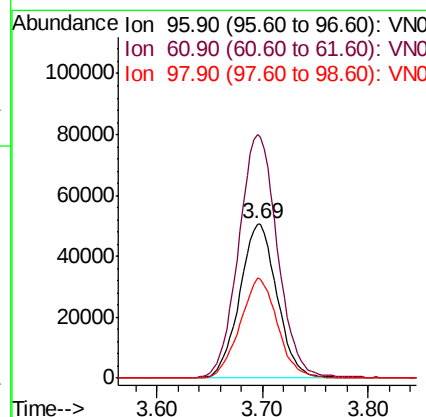
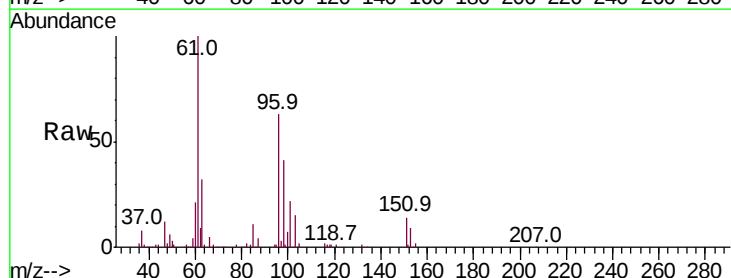
Tot Ion: 59 Resp: 144481
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.4 12.6

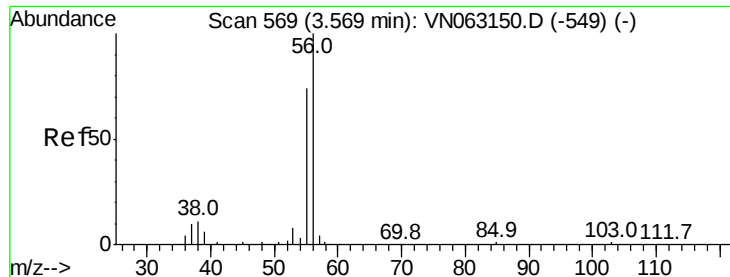


#12

1,1-Dichloroethene
 Concen: 43.479 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: VN063261.D
 Acq: 5 Sep 2020 1:09

Tgt Ion: 96 Resp: 124600
 Ion Ratio Lower Upper
 96 100
 61 157.6 137.4 206.2
 98 65.0 50.5 75.7





#13

Acrolein

Concen: 261.265 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

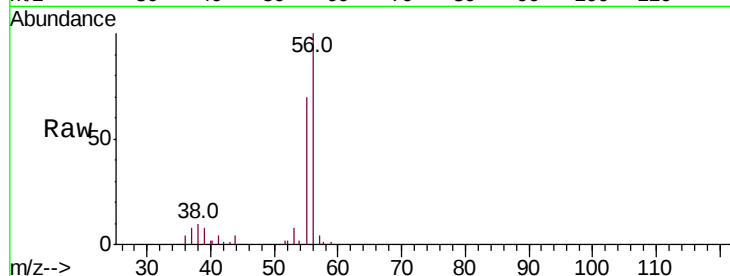
VSTDCCC050

Tot Ion: 56 Resp: 52285

Ion Ratio Lower Upper

56 100

55 70.5 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

25000

20000

15000

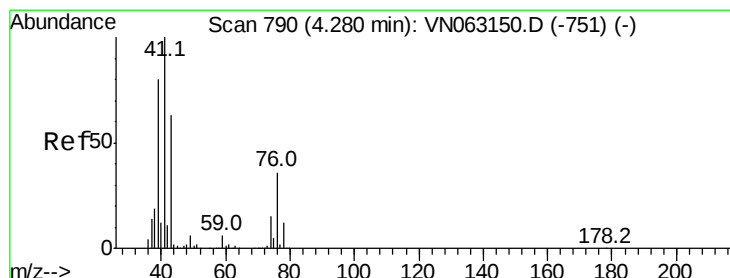
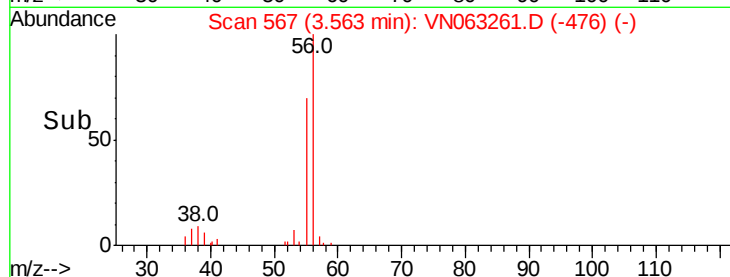
10000

5000

0

3.50 3.55 3.60 3.65

Time-->



#14

Allyl chloride

Concen: 48.194 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

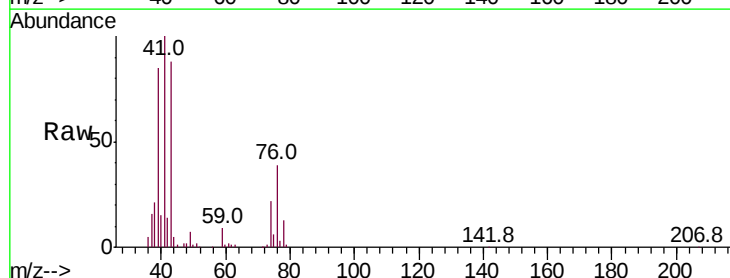
Tgt Ion: 41 Resp: 245287

Ion Ratio Lower Upper

41 100

39 79.0 60.2 90.2

76 36.0 27.7 41.5



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

100000

80000

60000

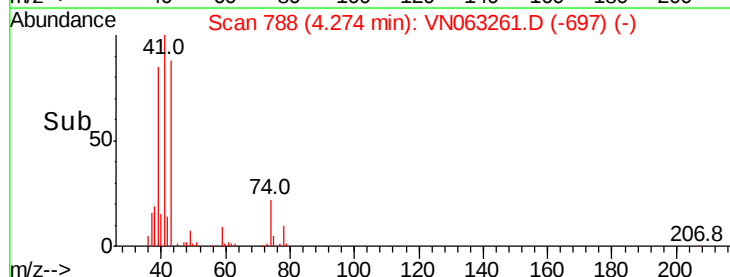
40000

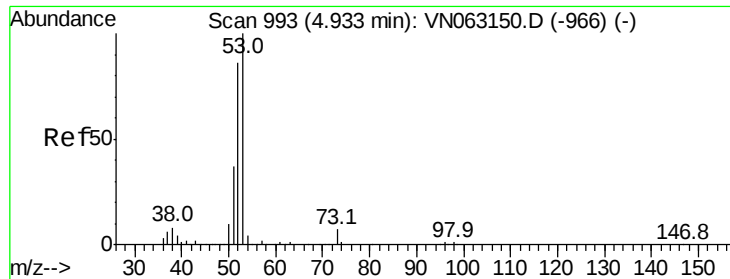
20000

0

4.10 4.20 4.30 4.40

Time-->





#15

Acrylonitrile

Concen: 285.706 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

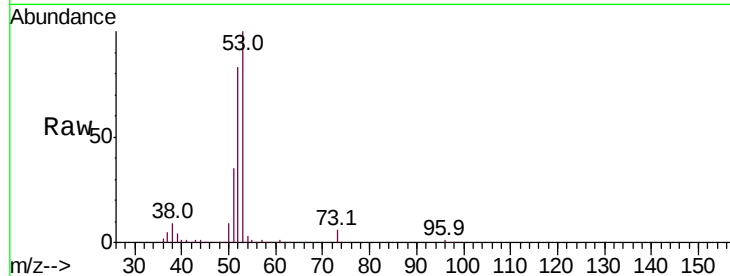
Tot Ion: 53 Resp: 419962

Ion Ratio Lower Upper

53 100

52 81.8 67.2 100.8

51 37.8 30.2 45.4

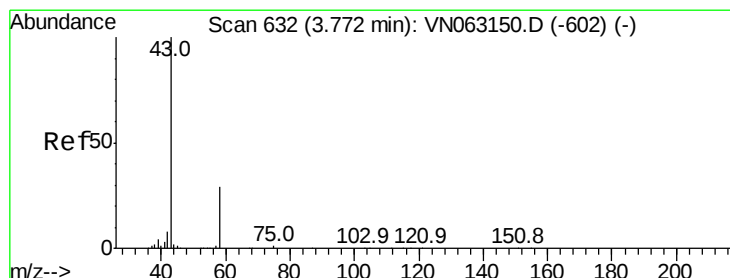
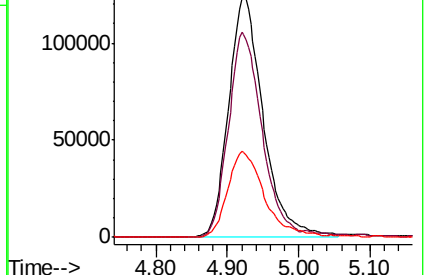
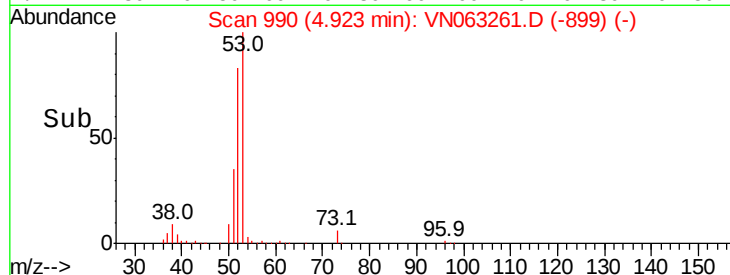


Abundance Ion 53.00 (52.70 to 53.70): VN063261.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063261.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063261.D (-899) (-)

4.92



#16

Acetone

Concen: 297.631 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.00 min

Lab File: VN063261.D

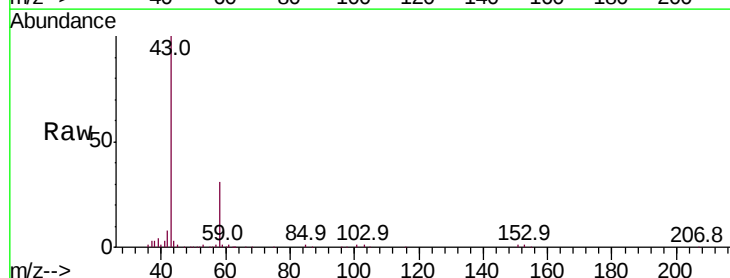
Acq: 5 Sep 2020 1:09

Tgt Ion: 43 Resp: 361264

Ion Ratio Lower Upper

43 100

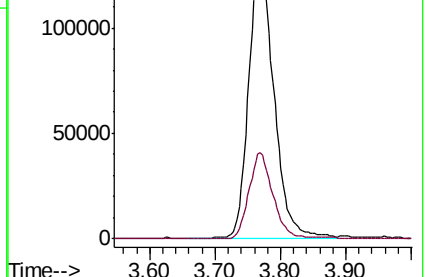
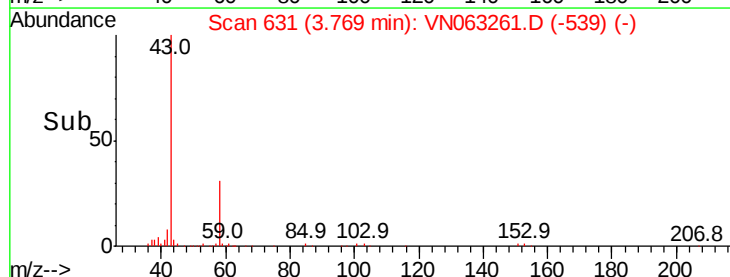
58 30.4 23.1 34.7

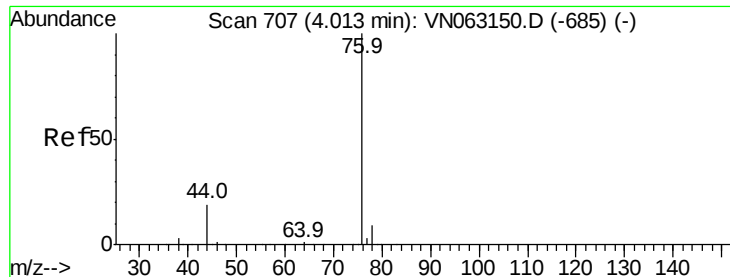


Abundance Ion 43.00 (42.70 to 43.70): VN063261.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063261.D (-539) (-)

3.77

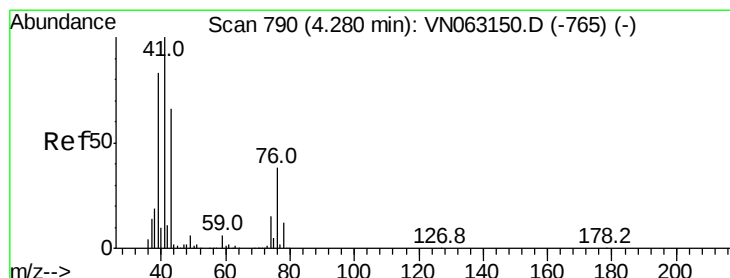
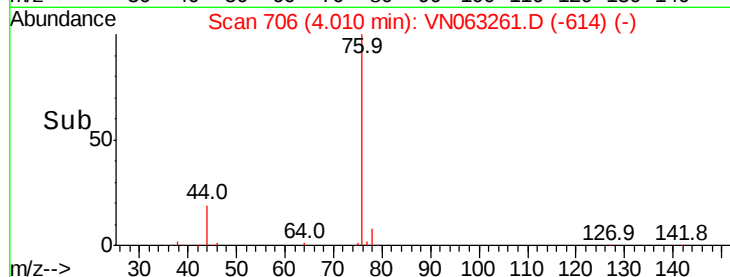
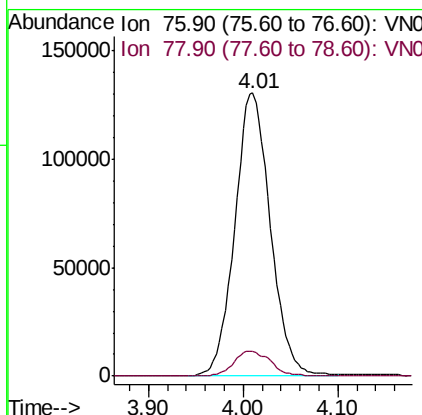
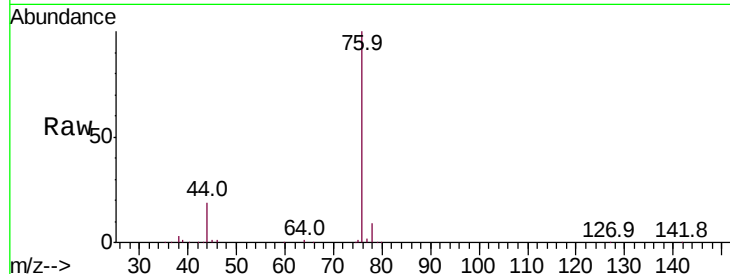




#17
Carbon Disulfide
Concen: 39.976 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

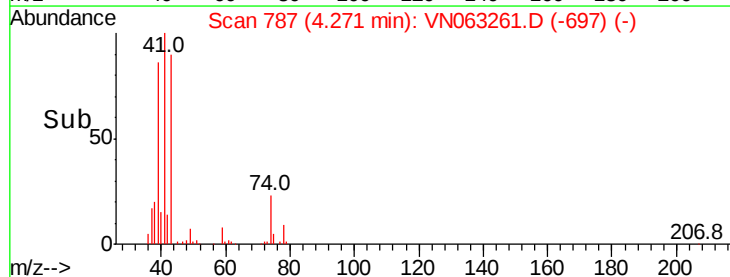
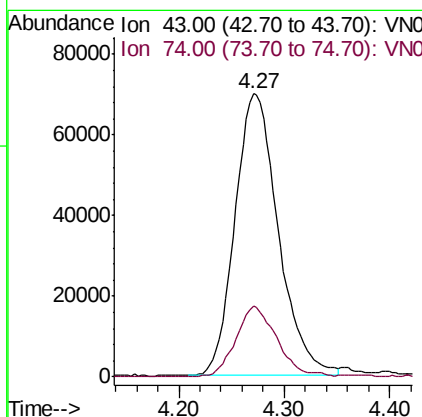
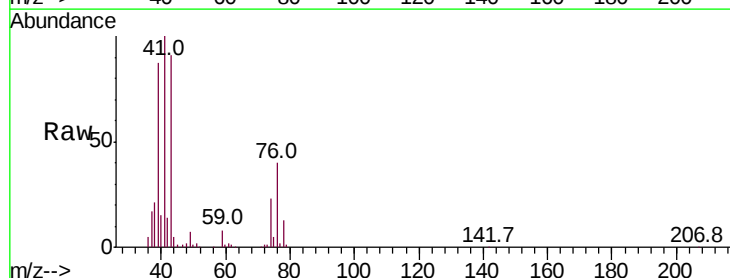
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

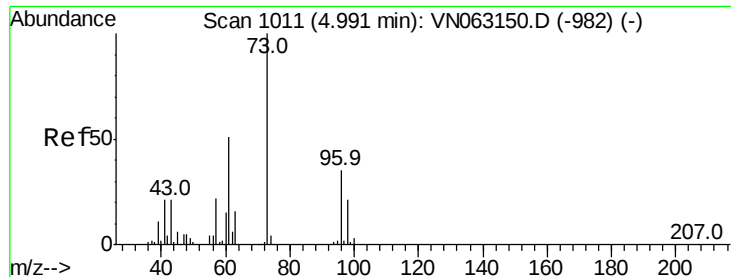
Tot Ion: 76 Resp: 340986
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 64.389 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.01 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion: 43 Resp: 200393
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.6

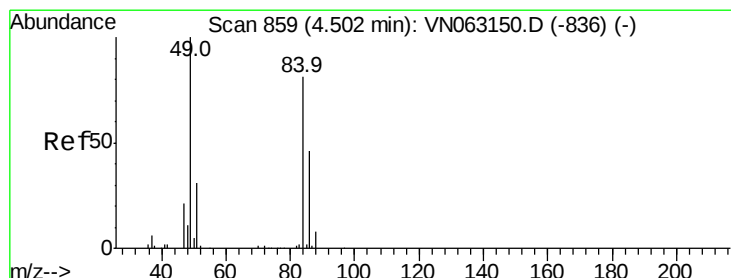
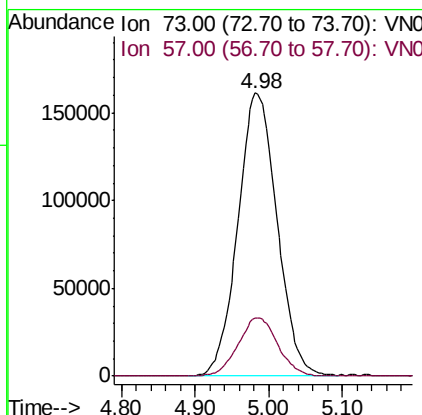
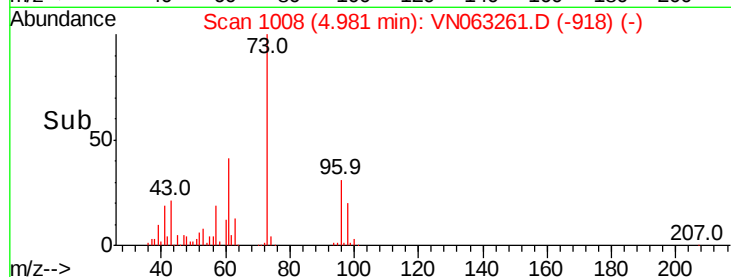
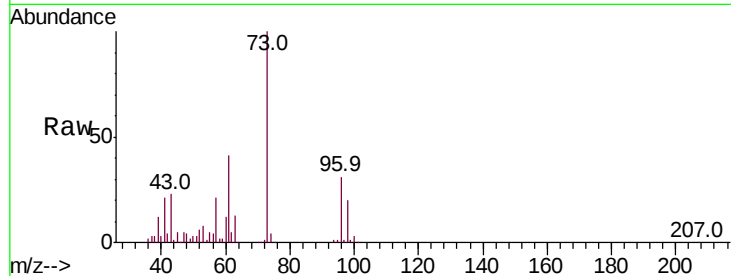




#19
Methyl tert-butyl Ether
Concen: 56.192 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

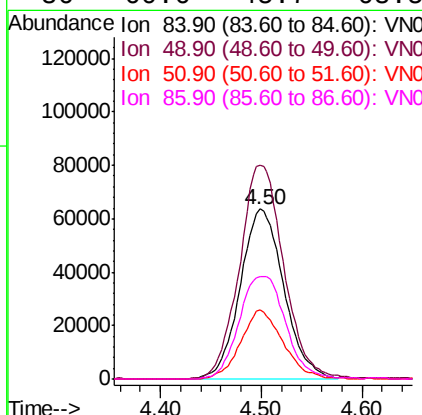
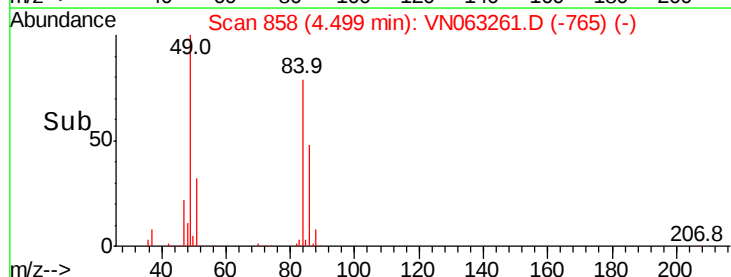
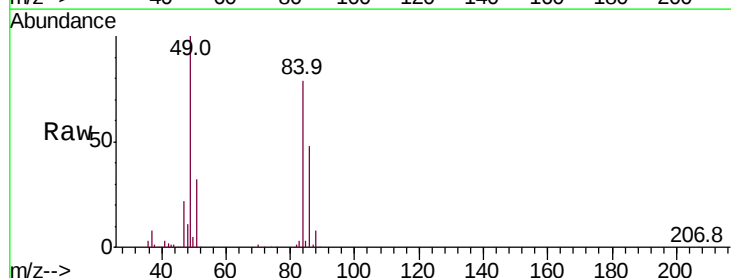
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

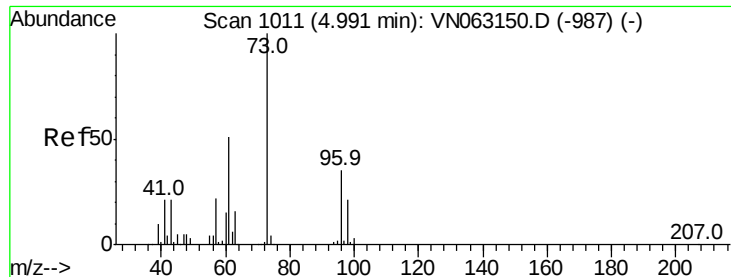
Tot Ion: 73 Resp: 597379
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4



#20
Methylene Chloride
Concen: 56.036 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion: 84 Resp: 191049
Ion Ratio Lower Upper
84 100
49 125.9 98.4 147.6
51 40.8 30.4 45.6
86 60.6 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 51.213 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

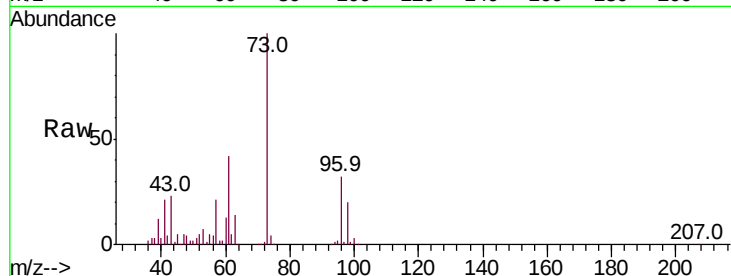
Tot Ion: 96 Resp: 162148

Ion Ratio Lower Upper

96 100

61 129.2 116.2 174.4

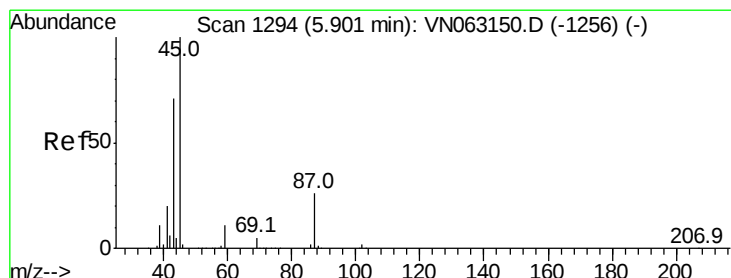
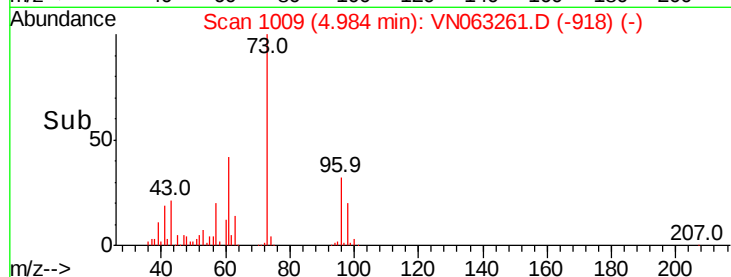
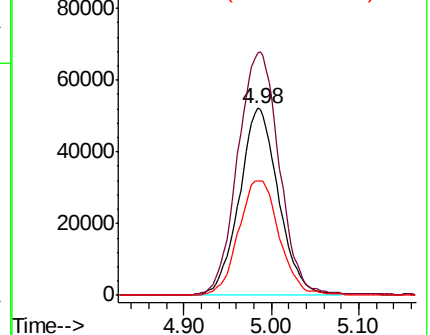
98 61.5 48.0 72.0



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

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

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



#22

Diisopropyl ether

Concen: 55.307 ug/l

RT: 5.89 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Tgt Ion: 45 Resp: 630796

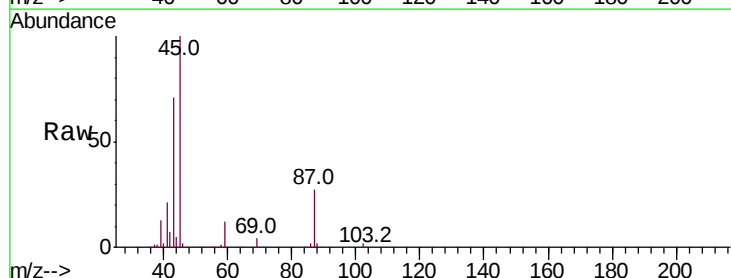
Ion Ratio Lower Upper

45 100

43 69.3 56.8 85.2

87 27.2 21.1 31.7

59 11.5 8.9 13.3

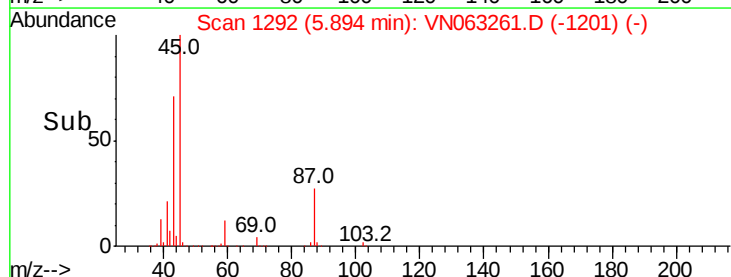
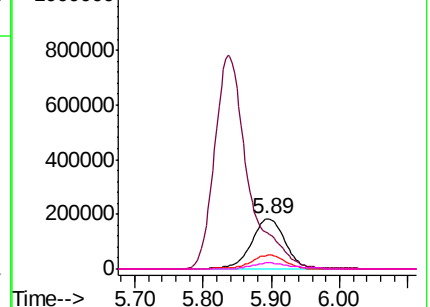


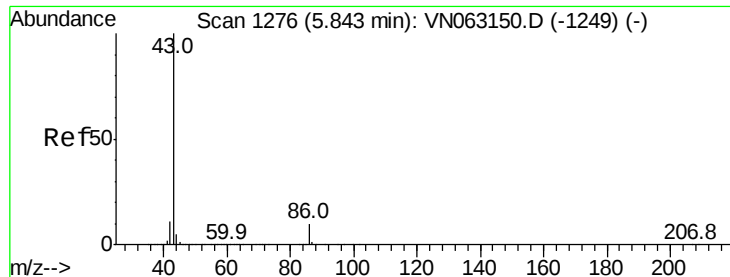
Abundance Ion 45.00 (44.70 to 45.70): VN063150.D (-1256) (-)

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

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

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





#23

Vinyl Acetate

Concen: 292.555 ug/l

RT: 5.84 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

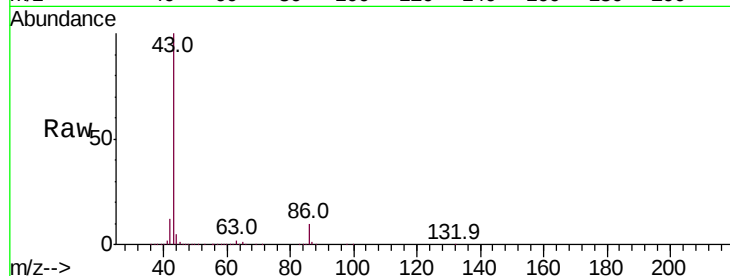
VSTDCCC050

Tot Ion: 43 Resp: 2662415

Ion Ratio Lower Upper

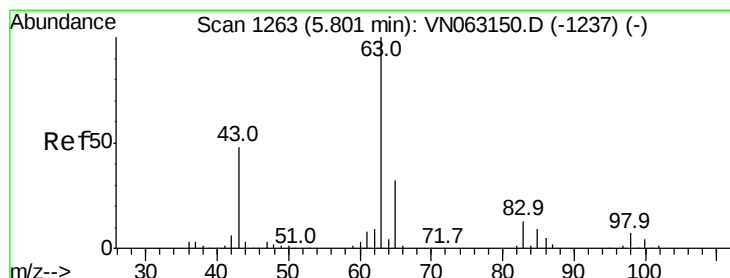
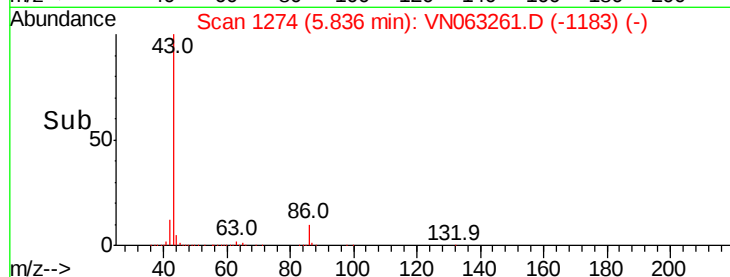
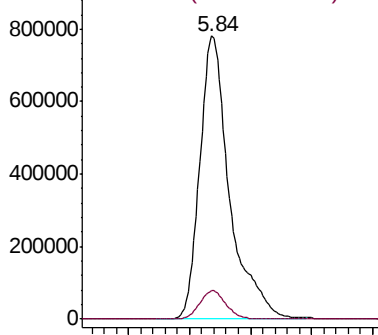
43 100

86 10.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 52.039 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

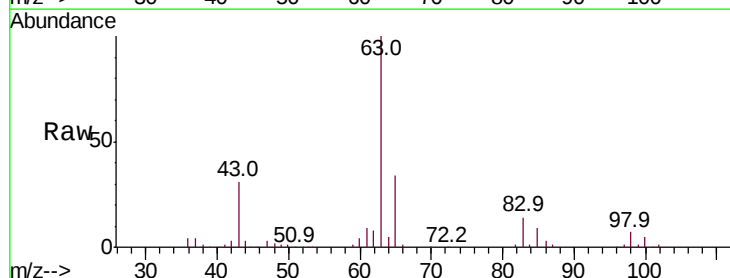
Tgt Ion: 63 Resp: 327200

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

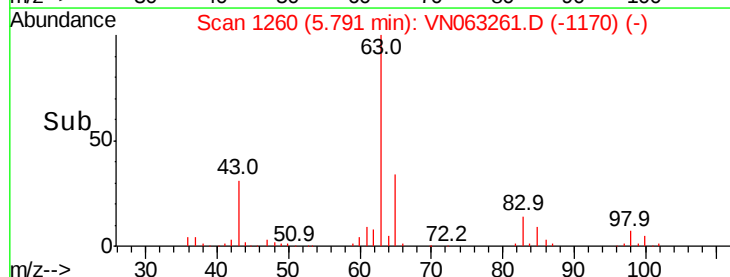
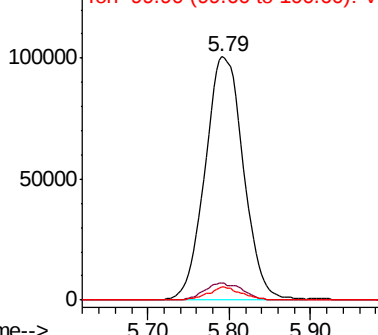
100 5.2 2.3 6.8

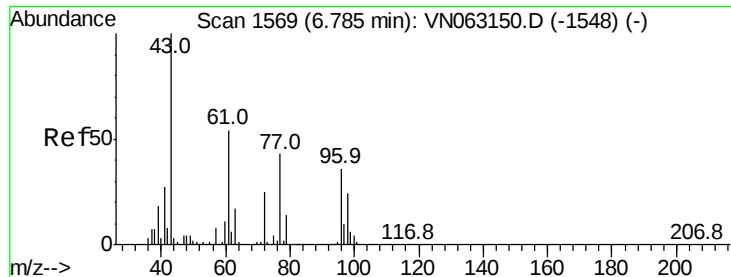


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

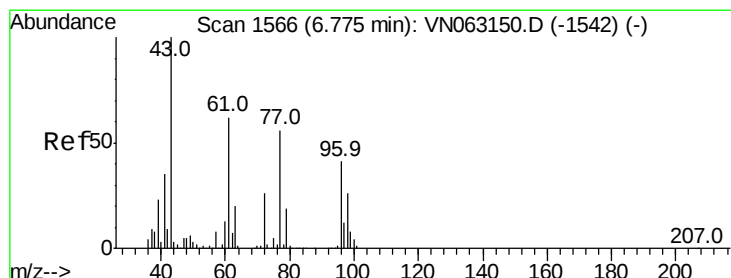
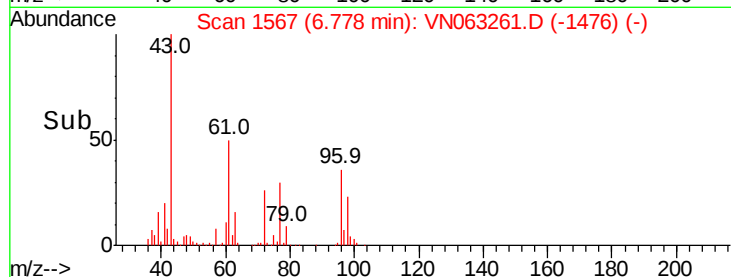
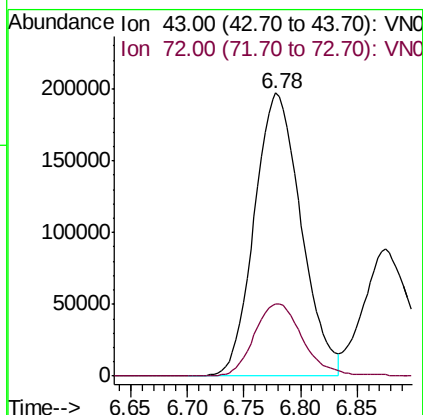
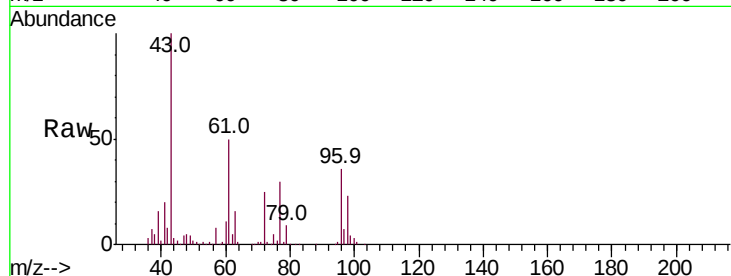




#25
2-Butanone
Concen: 300.418 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

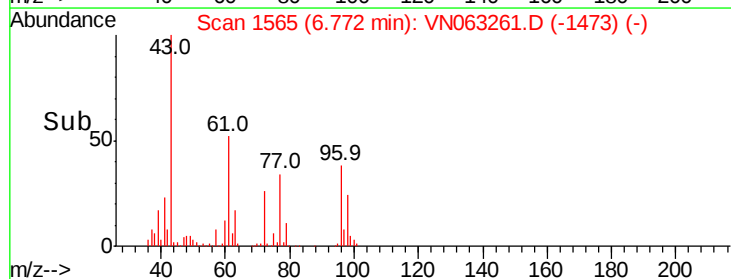
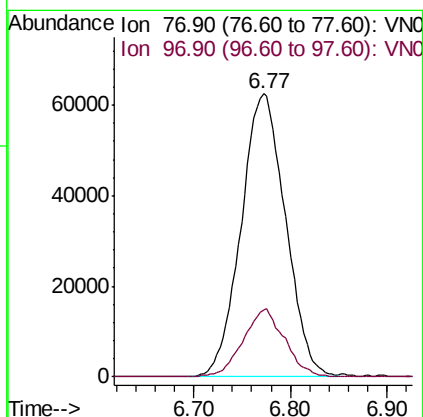
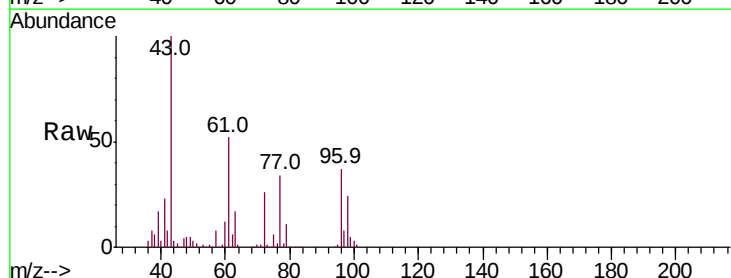
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

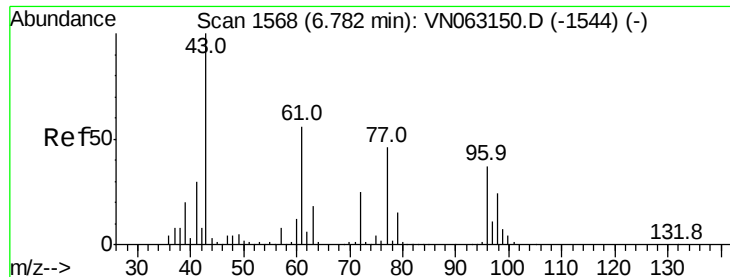
Tot Ion: 43 Resp: 564619
Ion Ratio Lower Upper
43 100
72 25.5 20.2 30.4



#26
2,2-Dichloropropane
Concen: 35.017 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion: 77 Resp: 199485
Ion Ratio Lower Upper
77 100
97 22.5 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 54.268 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

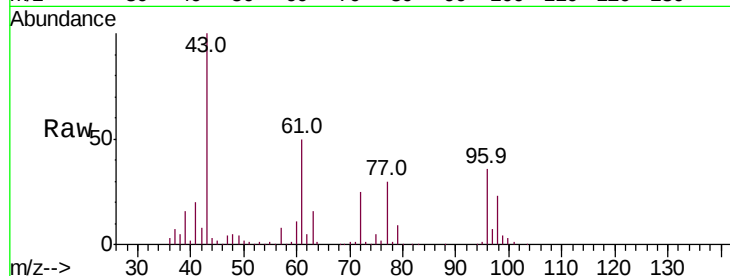
Tot Ion: 96 Resp: 208845

Ion Ratio Lower Upper

96 100

61 138.9 0.0 303.2

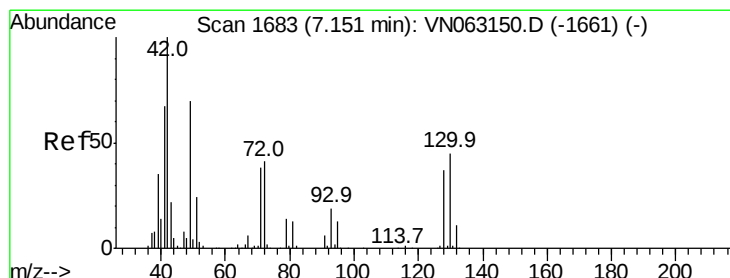
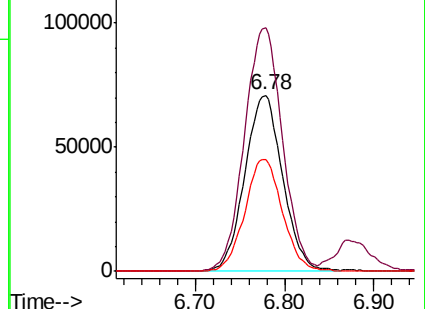
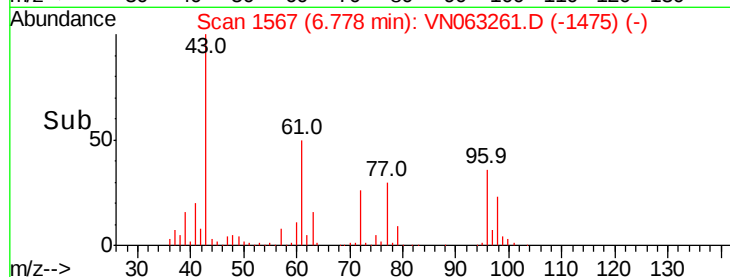
98 63.2 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 53.747 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

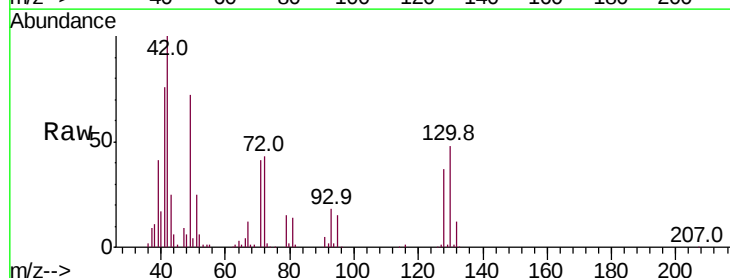
Tgt Ion: 49 Resp: 176556

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

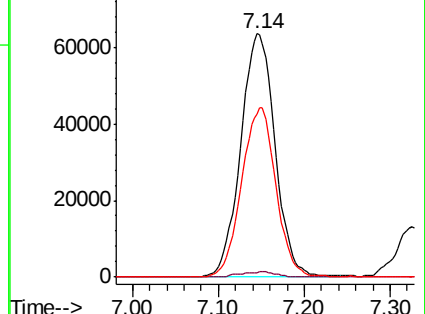
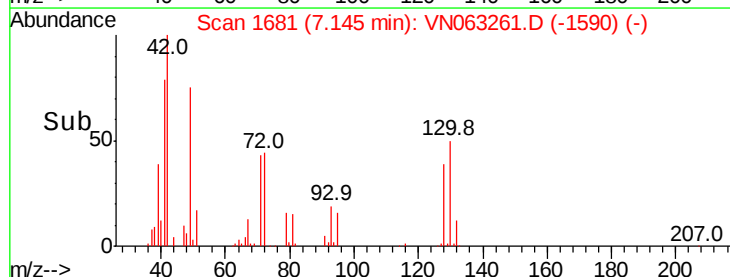
130 69.0 54.4 81.6

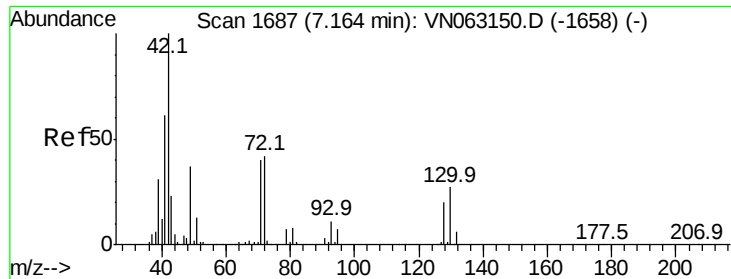


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

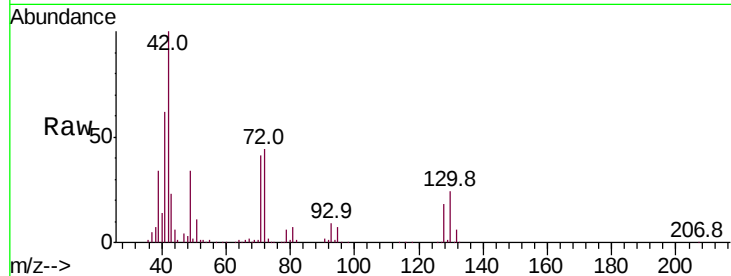




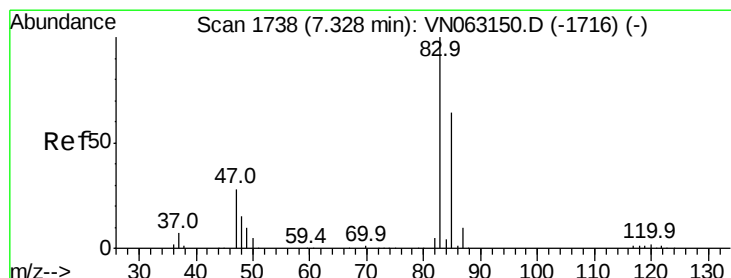
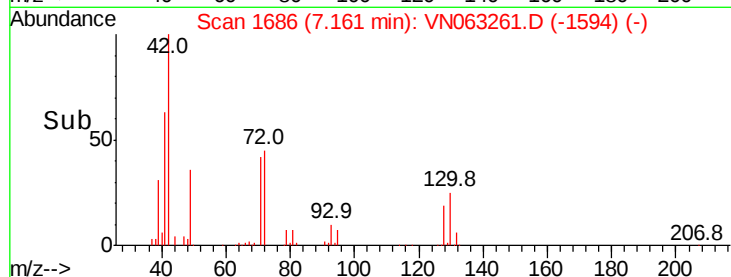
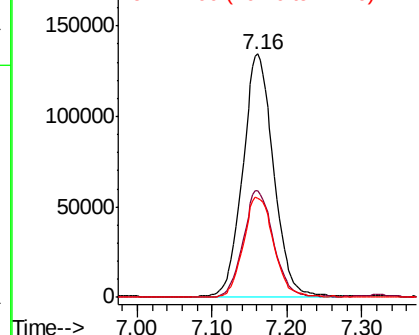
#29
Tetrahydrofuran
Concen: 294.597 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 382844
Ion Ratio Lower Upper
42 100
72 43.3 33.9 50.9
71 40.7 31.9 47.9

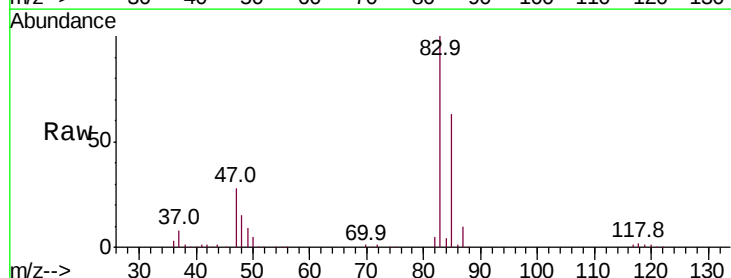


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

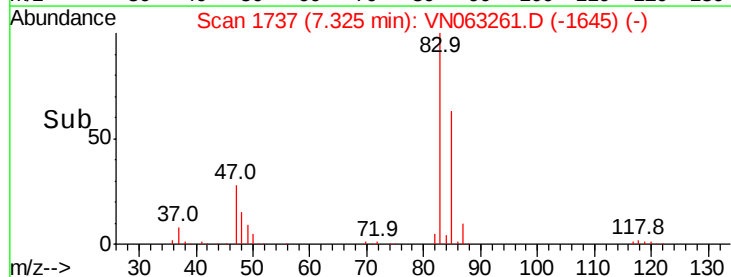
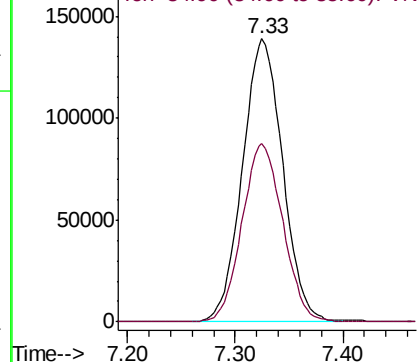


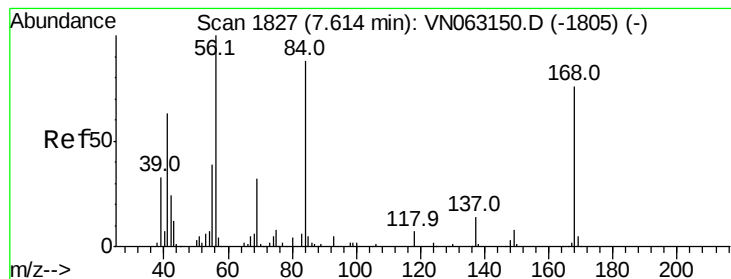
#30
Chloroform
Concen: 54.744 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion: 83 Resp: 360121
Ion Ratio Lower Upper
83 100
85 63.0 51.0 76.6



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





#31

Cyclohexane

Concen: 36.002 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

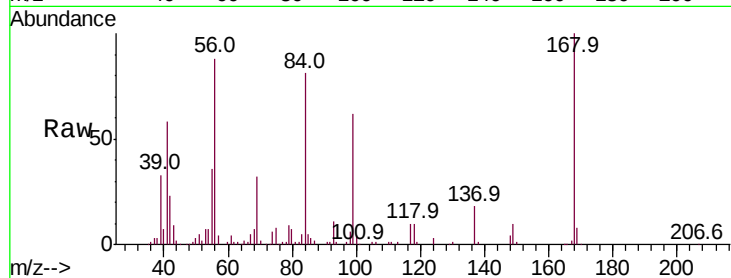
Tot Ion: 56 Resp: 202202

Ion Ratio Lower Upper

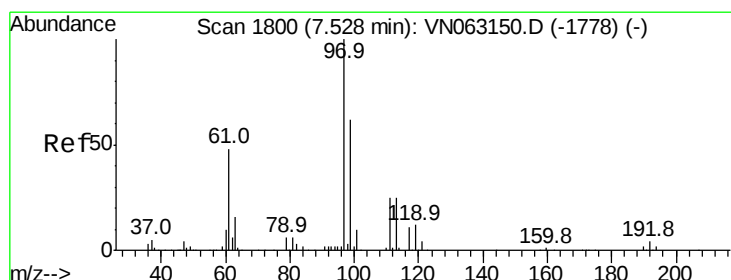
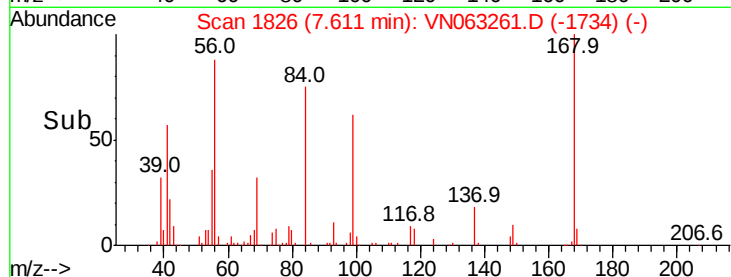
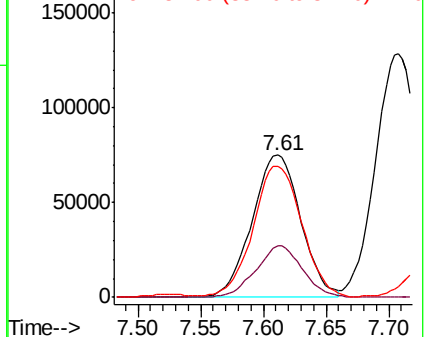
56 100

69 36.2 25.4 38.0

84 90.5 70.2 105.4



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 47.544 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

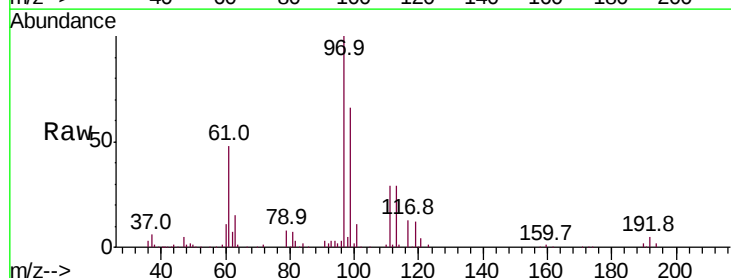
Tgt Ion: 97 Resp: 269503

Ion Ratio Lower Upper

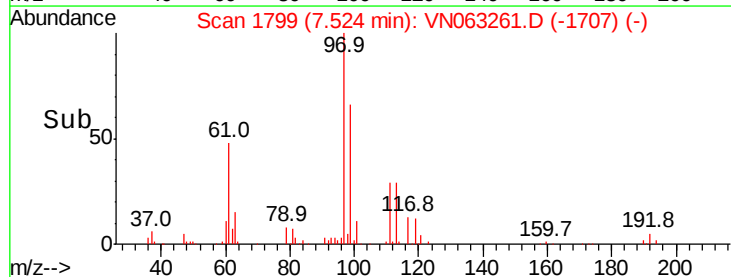
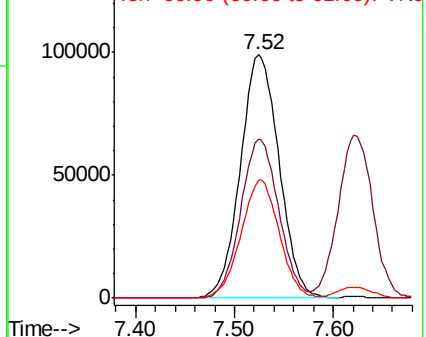
97 100

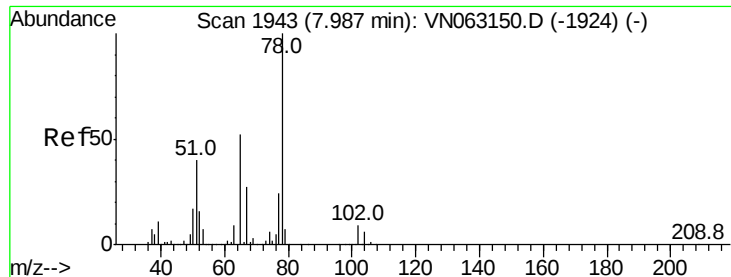
99 64.2 50.8 76.2

61 48.1 37.4 56.2



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 53.142 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

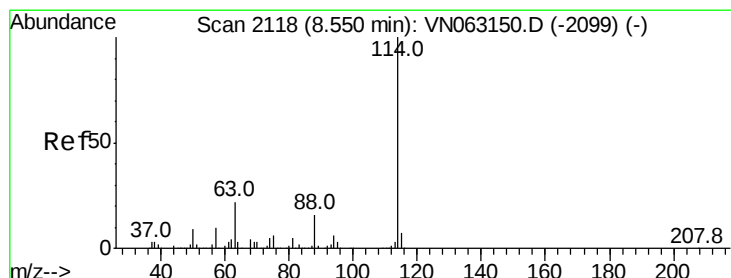
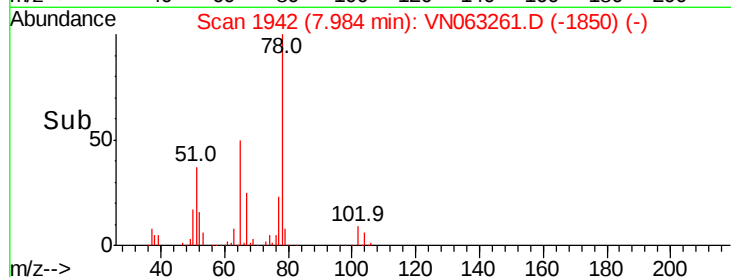
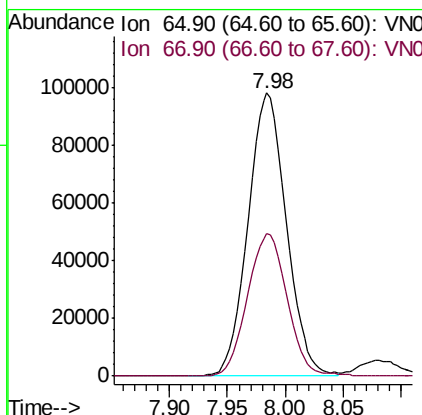
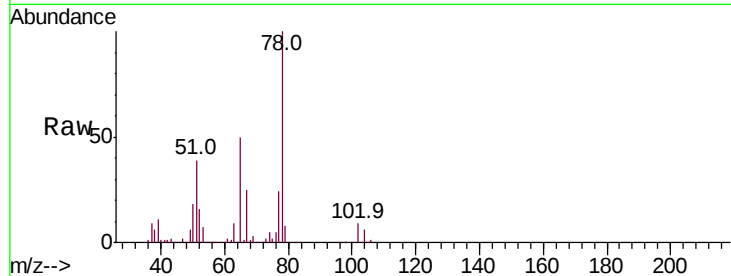
Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 65 Resp: 226908

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

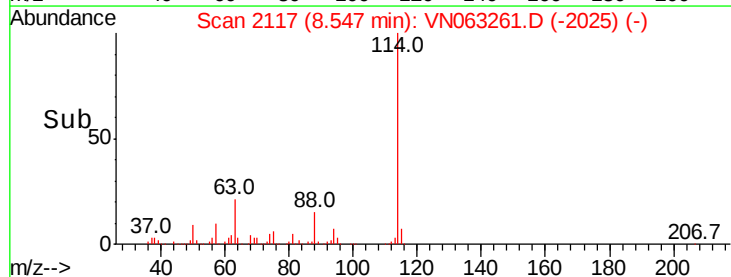
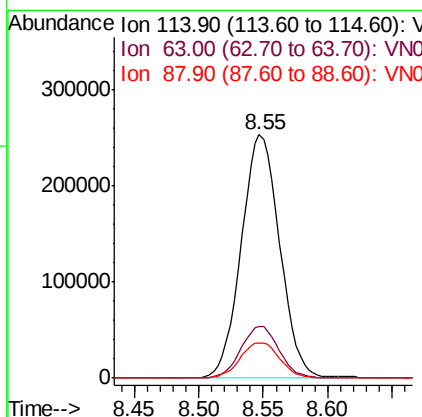
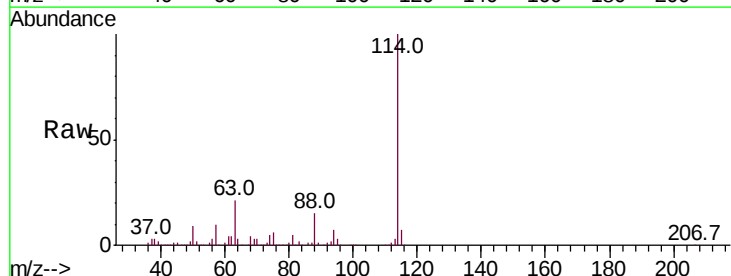
Delta R.T. -0.00 min

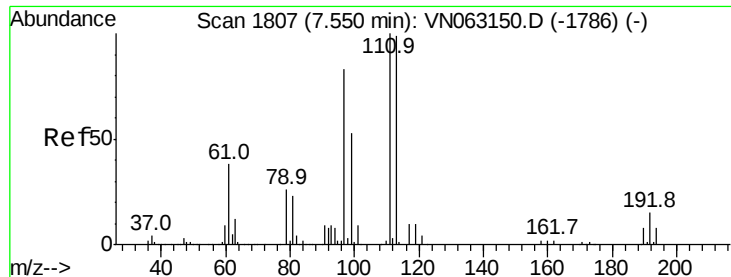
Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Tgt Ion: 114 Resp: 526583

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.0
88	14.6	0.0	31.6





#35

Dibromofluoromethane

Concen: 49.749 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

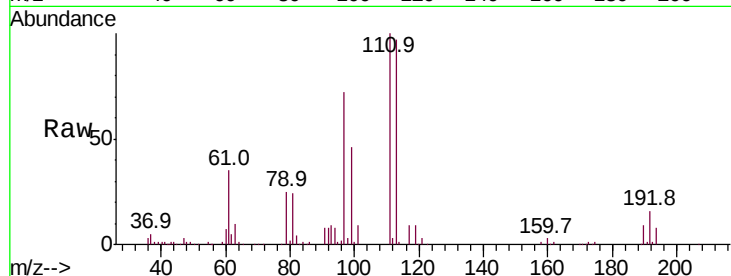
Tot Ion:113 Resp: 168067

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.7	121.1
192	16.6	12.6	19.0

113 100

111 102.9 80.7 121.1

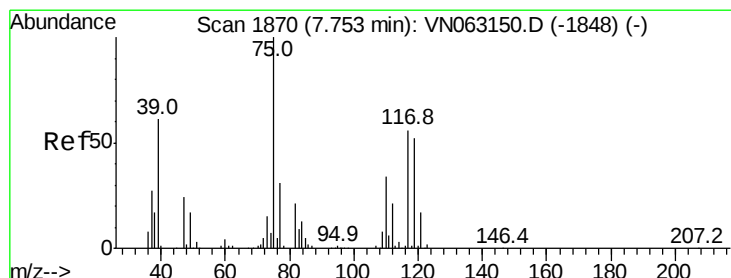
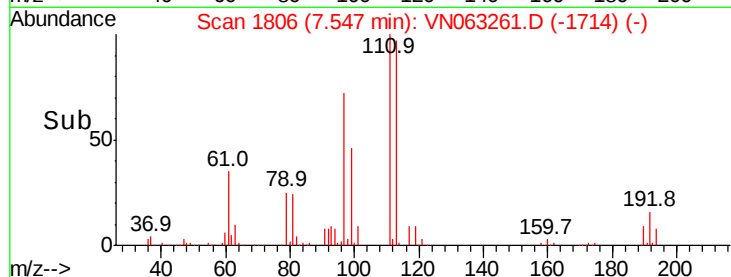
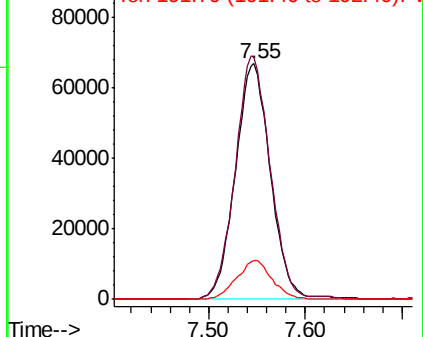
192 16.6 12.6 19.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 42.966 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

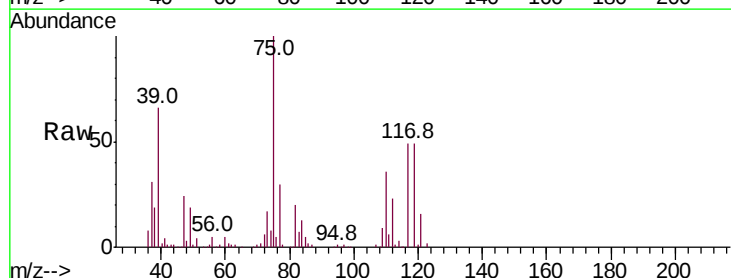
Tgt Ion: 75 Resp: 217509

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.6	49.8
77	30.1	25.4	38.2

75 100

110 34.3 16.6 49.8

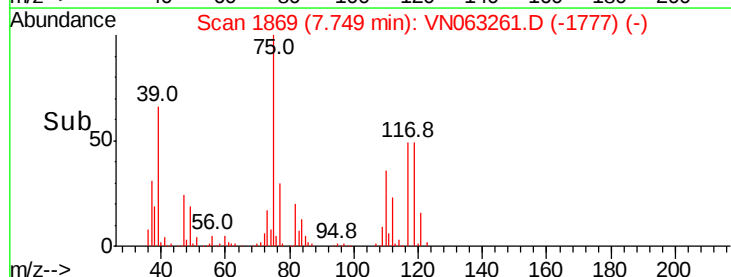
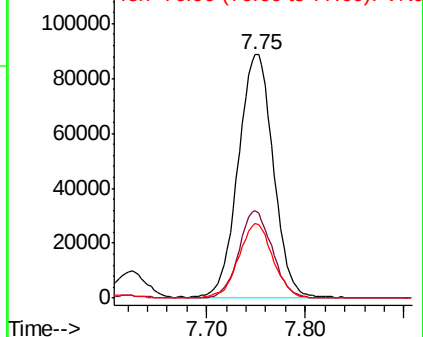
77 30.1 25.4 38.2

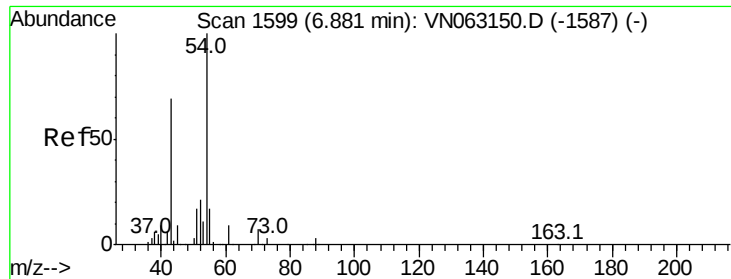


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

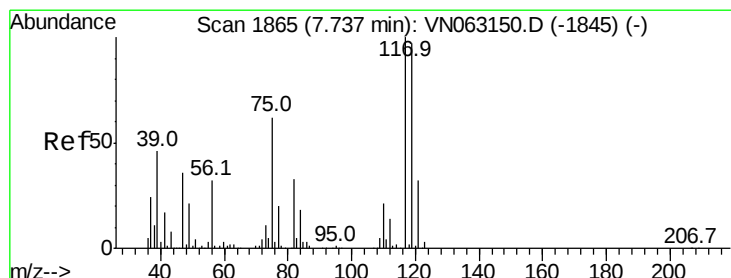
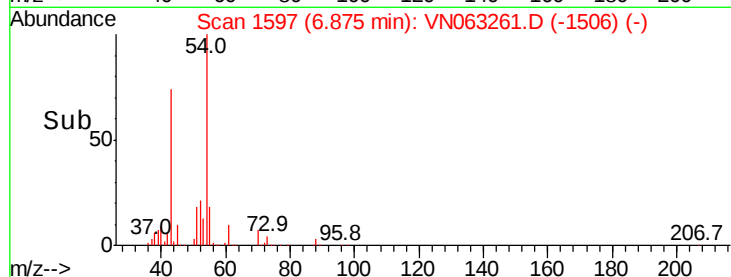
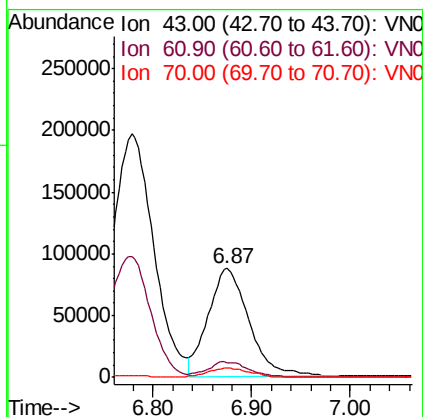
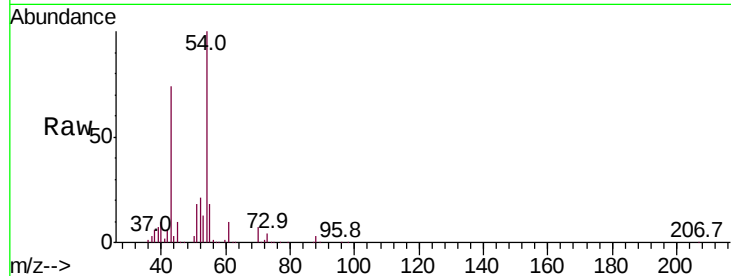




#37
Ethyl Acetate
Concen: 52.765 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

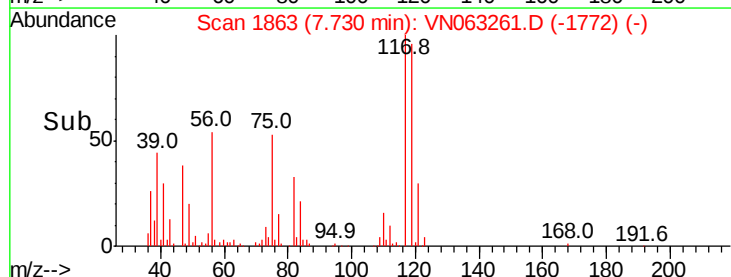
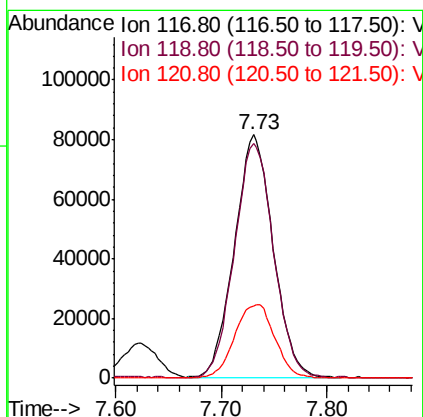
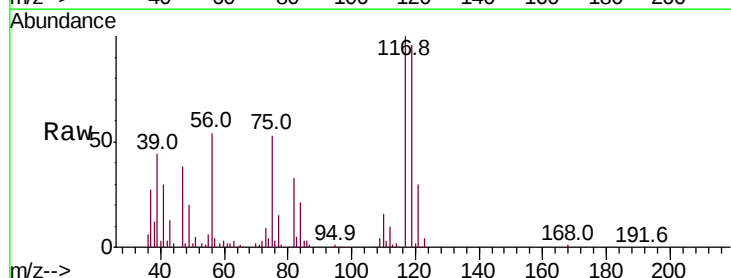
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

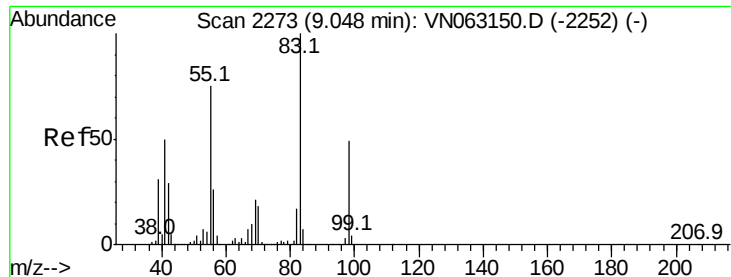
Tot Ion: 43 Resp: 252327
Ion Ratio Lower Upper
43 100
61 13.5 10.2 15.4
70 8.6 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 40.453 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion: 117 Resp: 207679
Ion Ratio Lower Upper
117 100
119 96.3 77.2 115.8
121 29.7 25.6 38.4

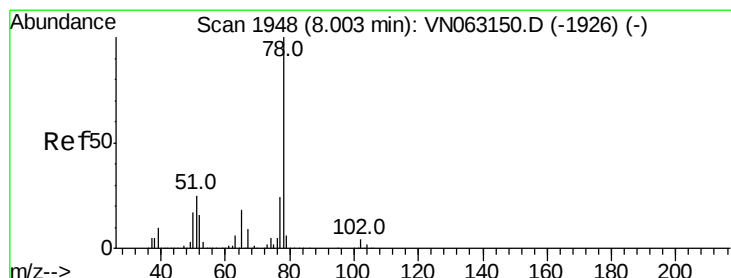
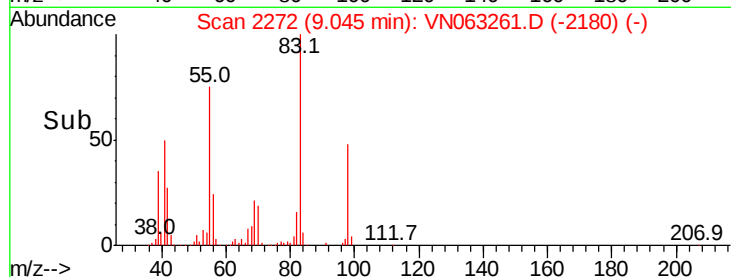
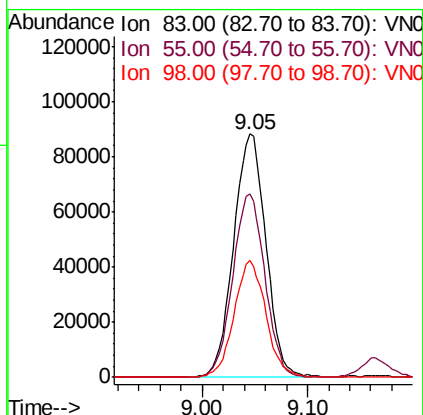
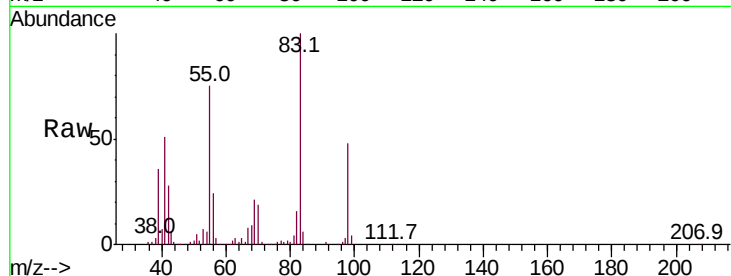




#39
Methvlcvclohexane
Concen: 33.088 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

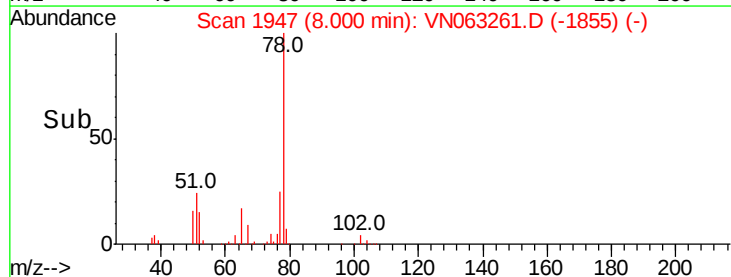
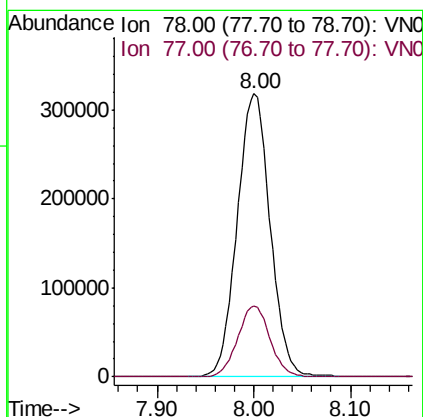
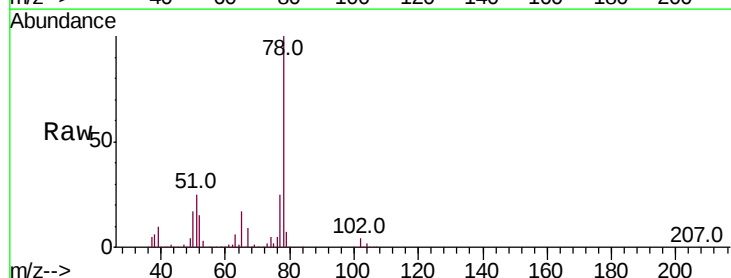
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

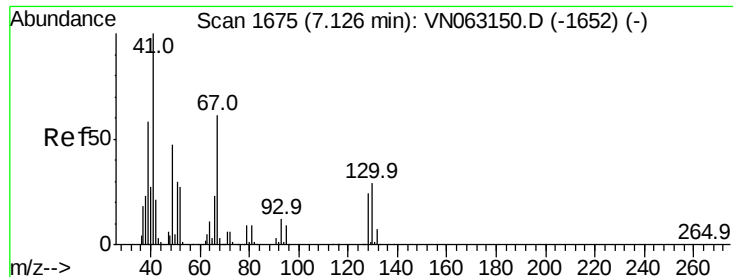
Tot Ion: 83 Resp: 188177
Ion Ratio Lower Upper
83 100
55 75.4 60.3 90.5
98 47.9 38.9 58.3



#40
Benzene
Concen: 50.666 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion: 78 Resp: 753724
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9

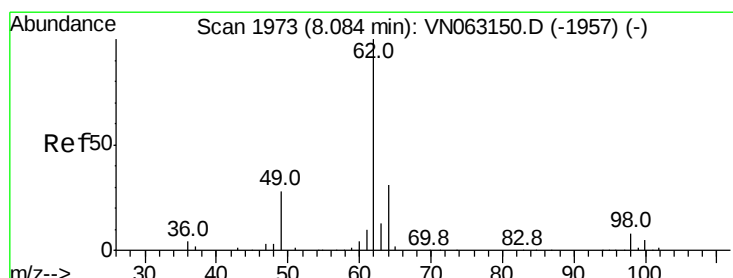
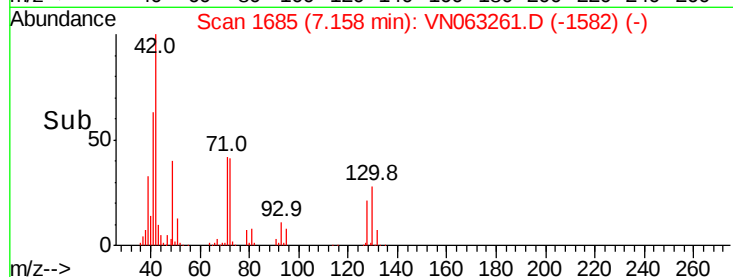
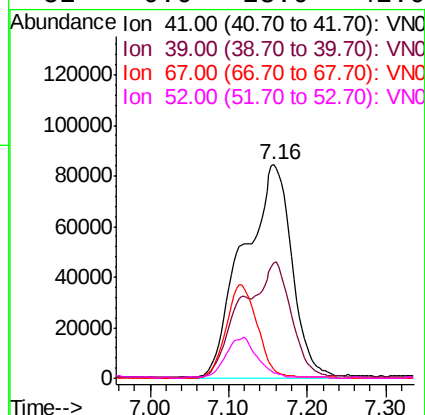
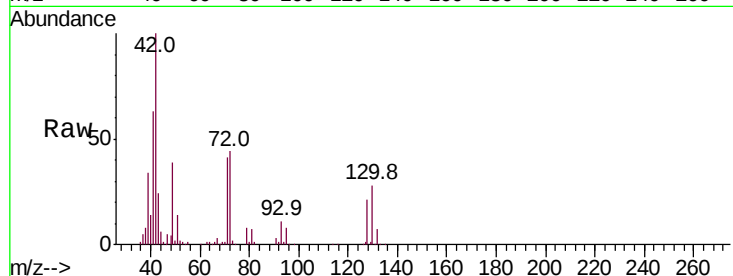




#41
Methacrylonitrile
Concen: 170.983 ug/l
RT: 7.16 min Scan# 1685
Delta R.T. 0.03 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

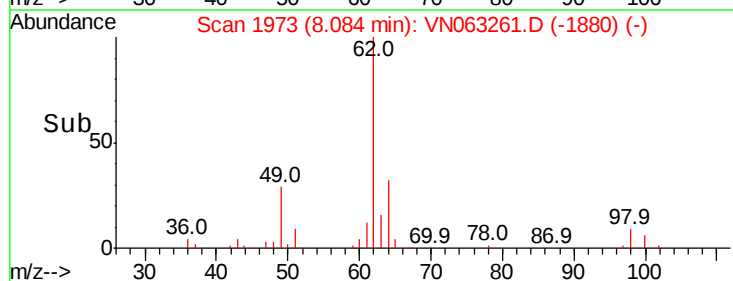
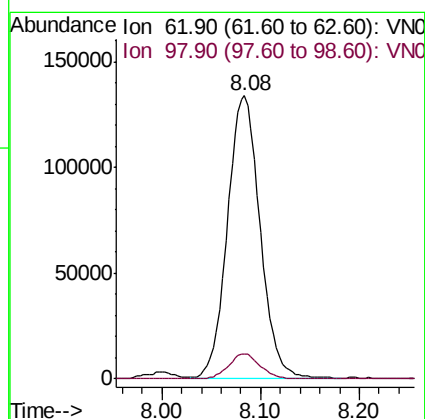
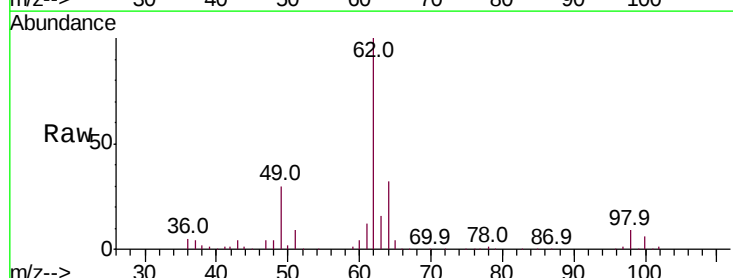
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

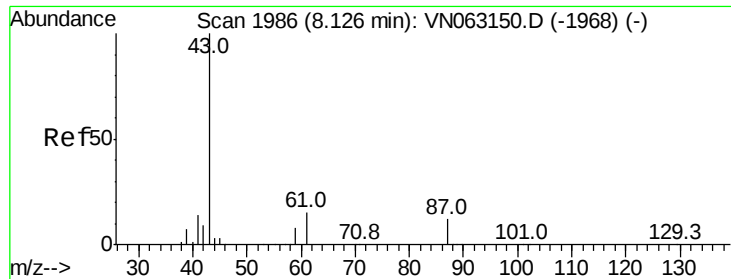
Tot Ion:	41	Resp:	364644
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.6	70.0#
67	0.0	62.6	94.0#
52	0.0	28.0	42.0#



#42
1,2-Dichloroethane
Concen: 55.466 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion:	62	Resp:	308222
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 54.803 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

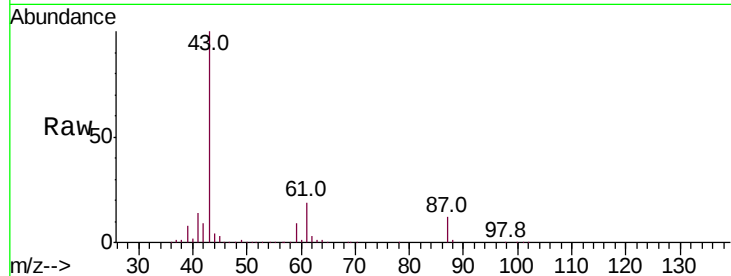
Tot Ion: 43 Resp: 452446

Ion Ratio Lower Upper

43 100

61 25.8 20.2 30.4

87 12.4 9.8 14.6

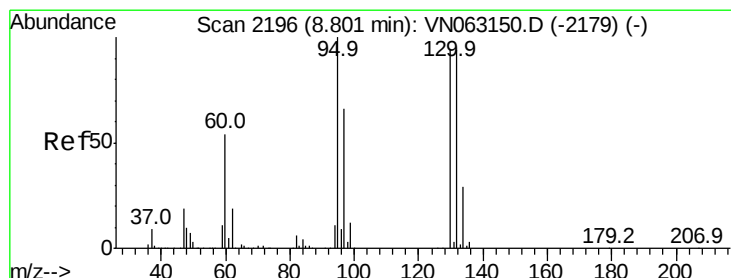
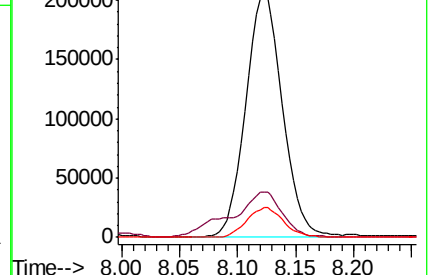
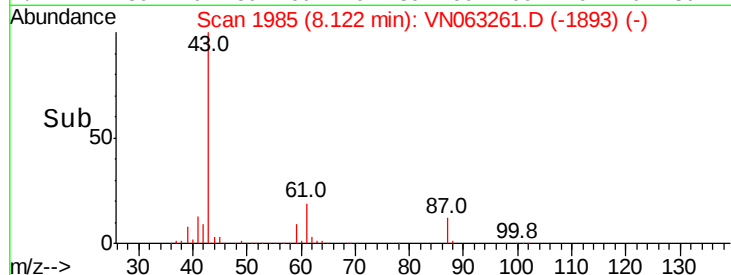


Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1968) (-)

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

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

8.12



#44

Trichloroethene

Concen: 51.642 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN063261.D

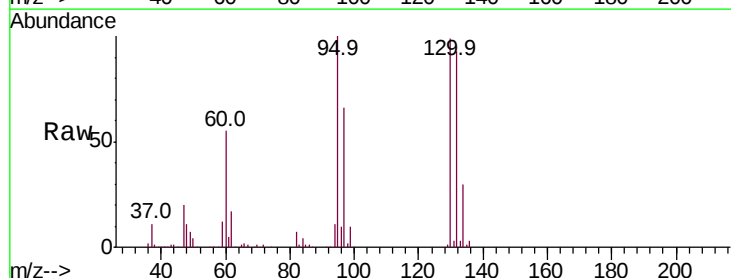
Acq: 5 Sep 2020 1:09

Tgt Ion:130 Resp: 186343

Ion Ratio Lower Upper

130 100

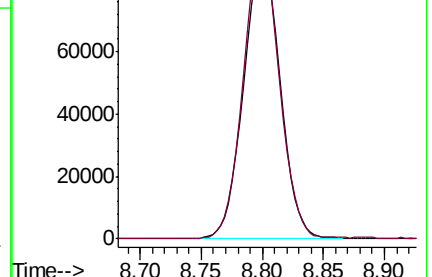
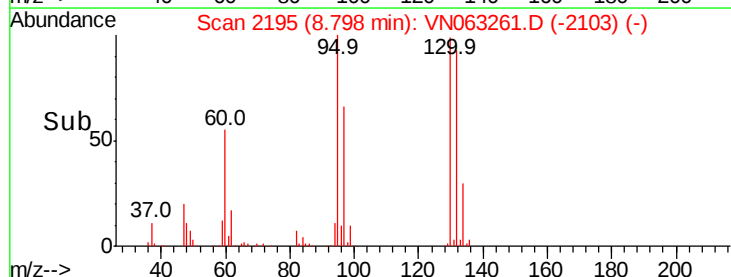
95 100.8 0.0 212.0

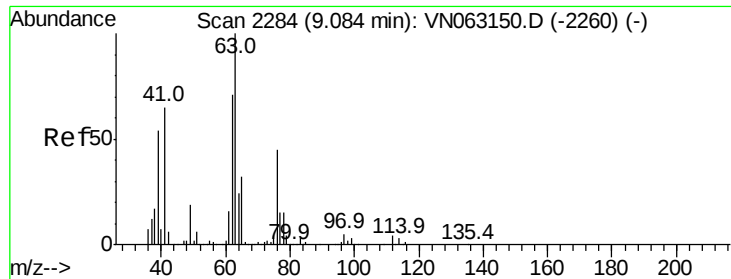


Abundance Ion 129.80 (129.50 to 130.50): VN063150.D (-2179) (-)

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

8.80

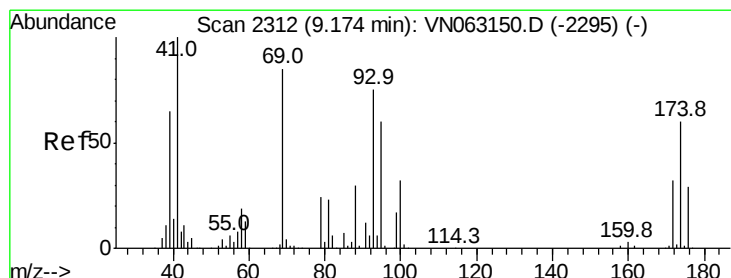
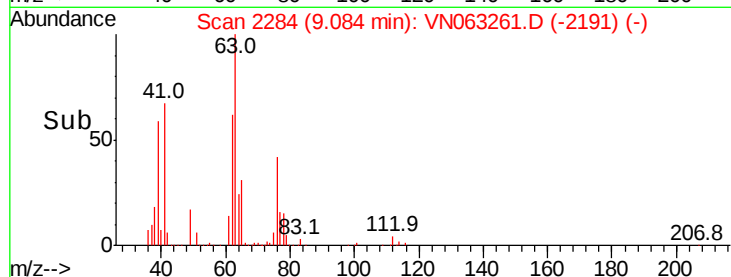
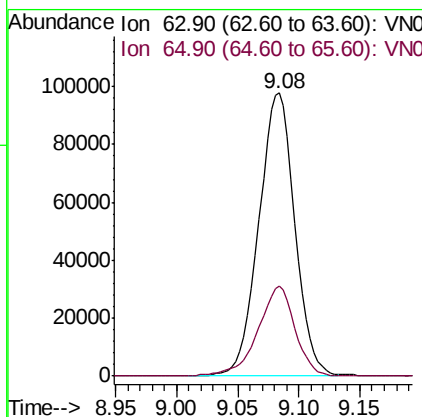
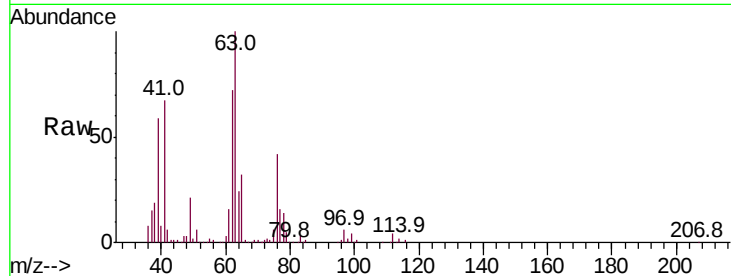




#45
 1,2-Dichloropropane
 Concen: 50.886 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063261.D
 Acq: 5 Sep 2020 1:09

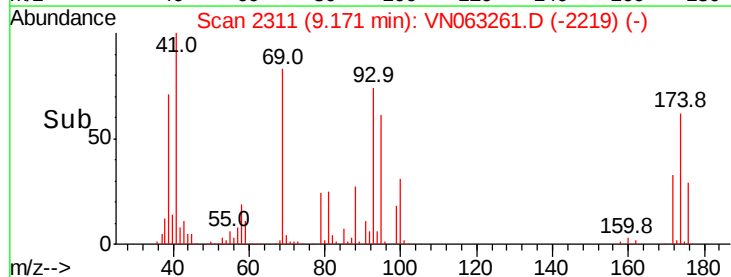
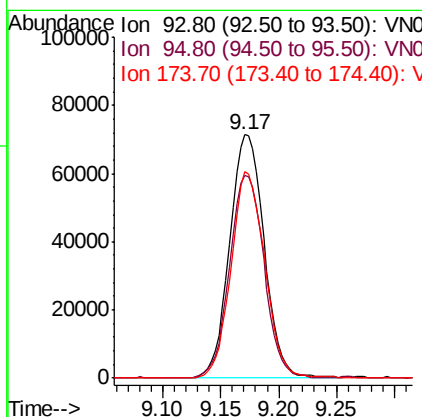
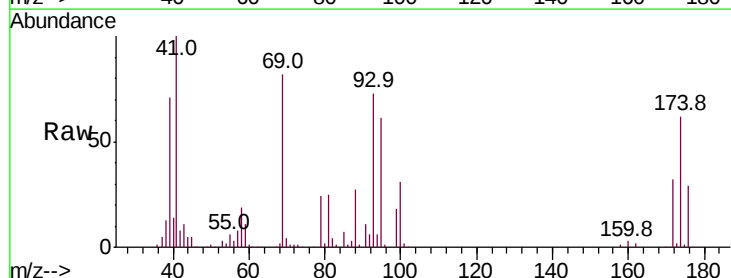
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

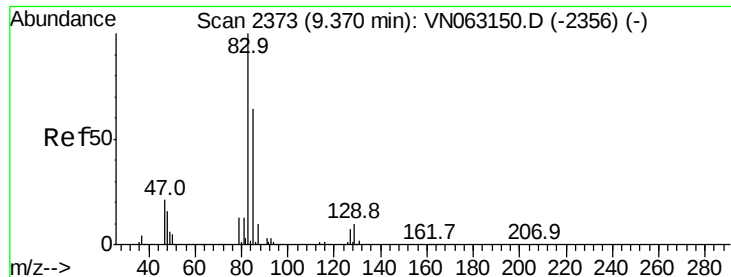
Tot Ion: 63 Resp: 200426
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.4 38.0



#46
 Dibromomethane
 Concen: 56.404 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN063261.D
 Acq: 5 Sep 2020 1:09

Tgt Ion: 93 Resp: 147224
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.2 97.8
 174 82.6 64.6 97.0





#47

Bromodichloromethane

Concen: 53.669 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

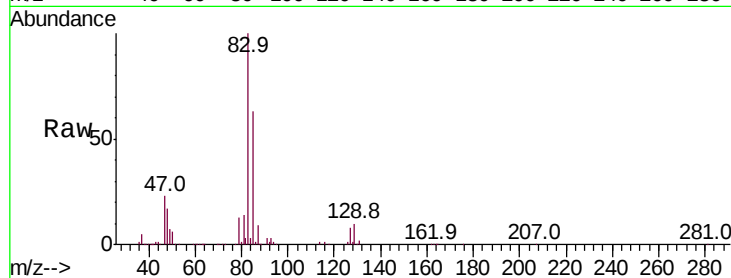
Tot Ion: 83 Resp: 300268

Ion Ratio Lower Upper

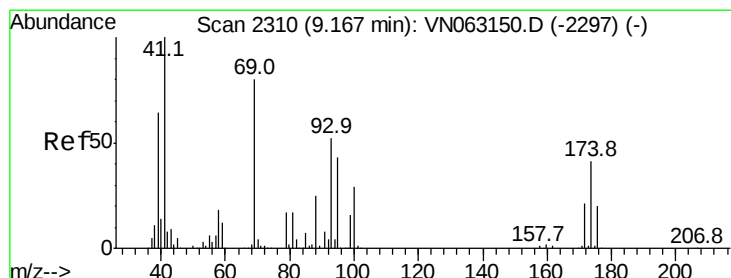
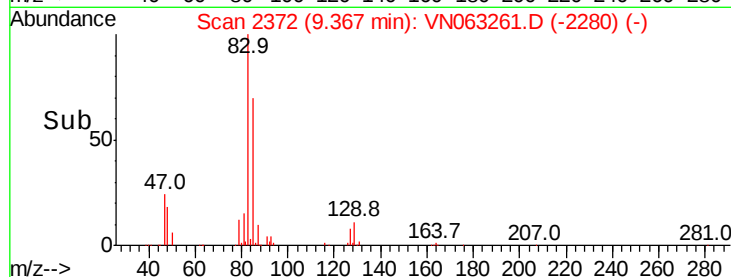
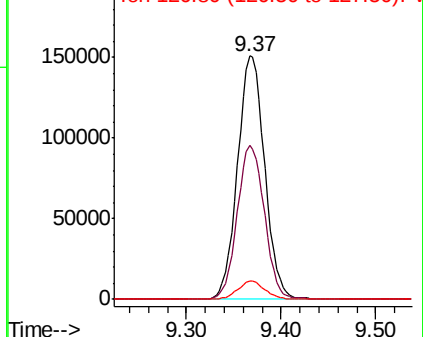
83 100

85 63.2 51.0 76.6

127 7.5 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 56.212 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

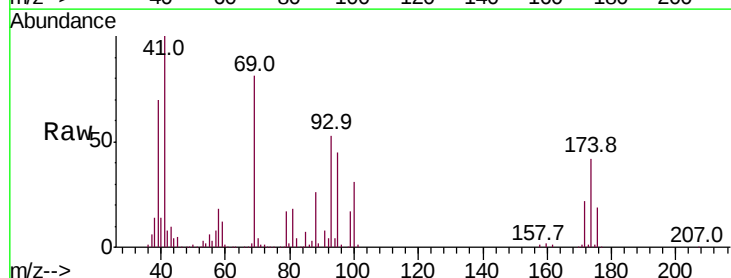
Tgt Ion: 41 Resp: 209207

Ion Ratio Lower Upper

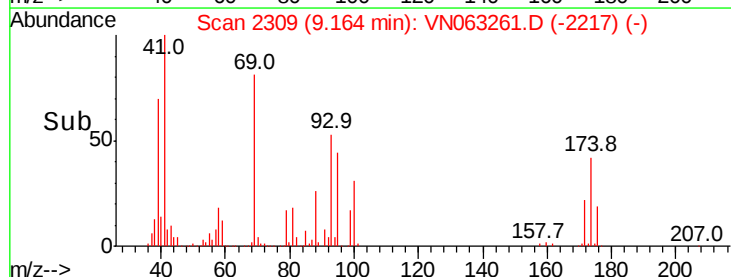
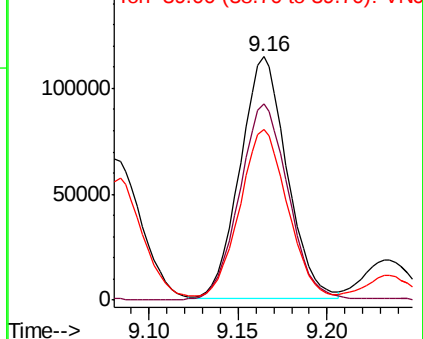
41 100

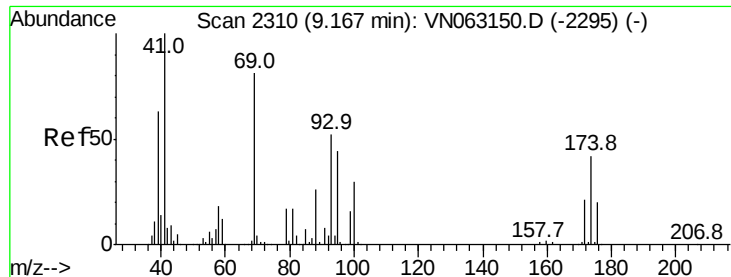
69 85.2 65.9 98.9

39 72.1 52.0 78.0



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

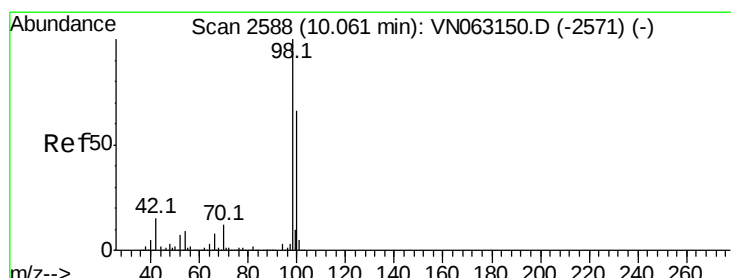
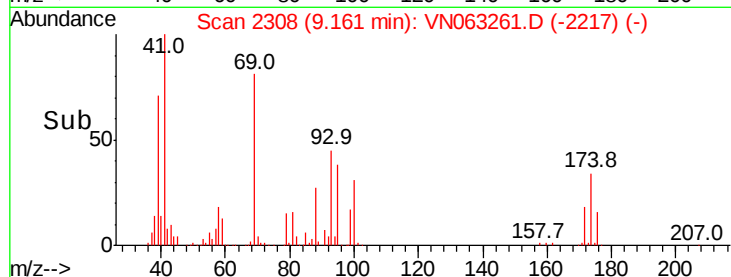
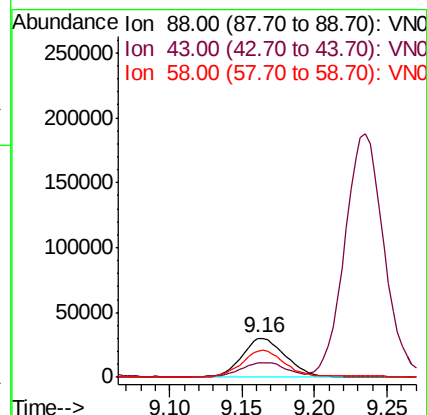
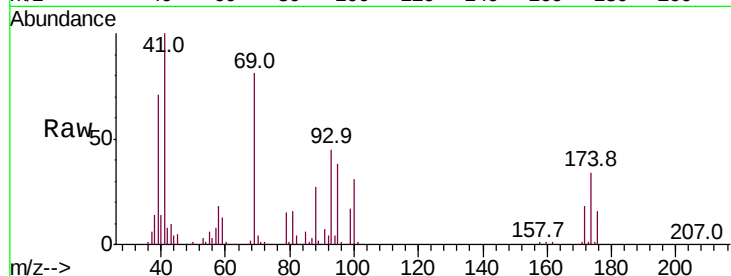




#49
1,4-Dioxane
Concen: 1100.293 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

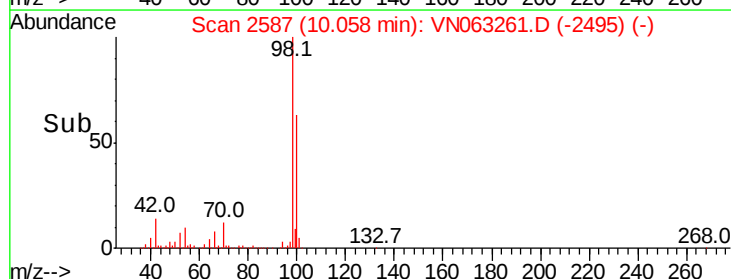
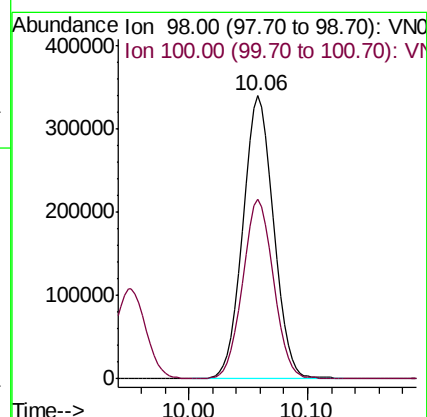
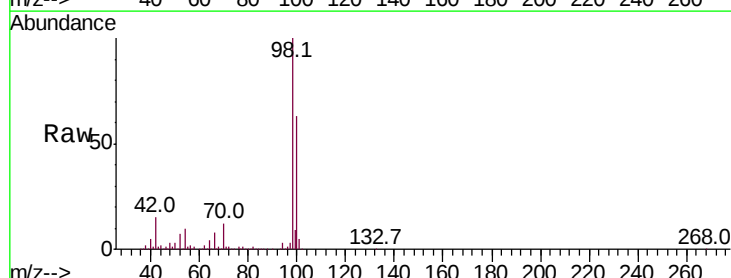
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

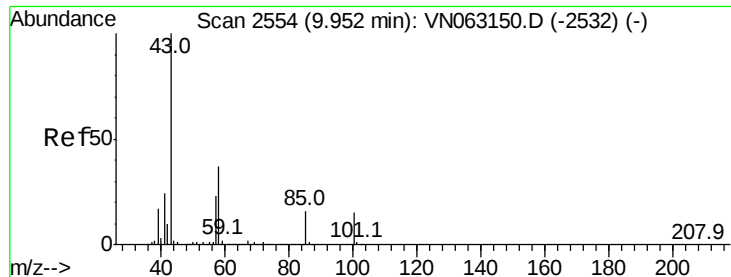
Tot Ion: 88 Resp: 63338
Ion Ratio Lower Upper
88 100
43 36.0 28.6 42.8
58 68.1 53.2 79.8



#50
Toluene-d8
Concen: 46.660 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion: 98 Resp: 606726
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 305.059 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

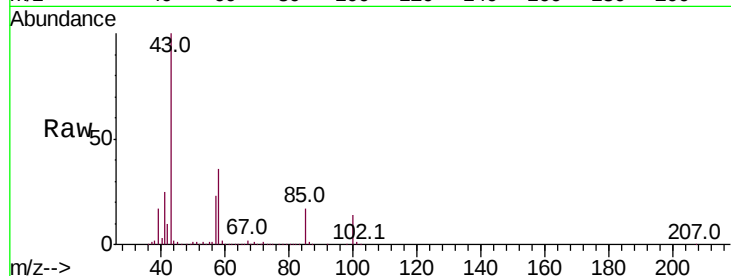
VSTDCCC050

Tot Ion: 43 Resp: 1368586

Ion Ratio Lower Upper

43 100

58 36.3 29.2 43.8



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

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

9.95

800000

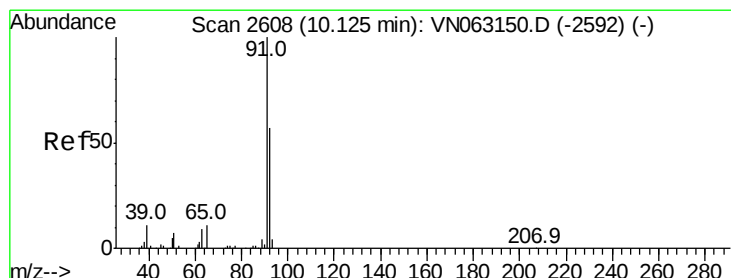
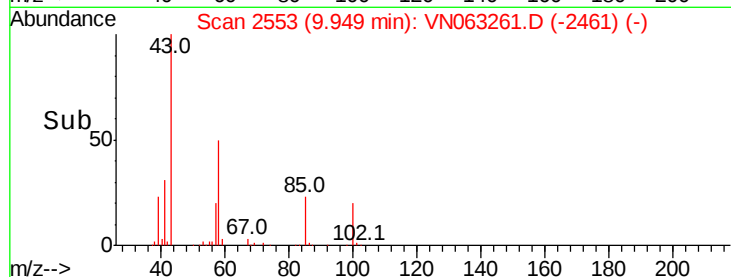
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.326 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063261.D

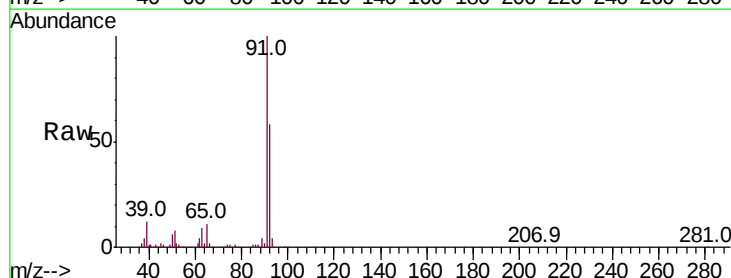
Acq: 5 Sep 2020 1:09

Tgt Ion: 92 Resp: 466372

Ion Ratio Lower Upper

92 100

91 174.6 141.2 211.8



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

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

10.12

500000

400000

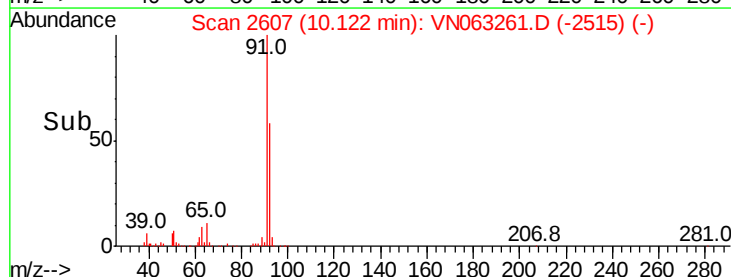
300000

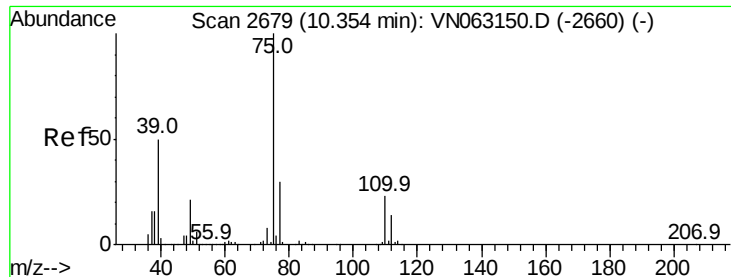
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.822 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

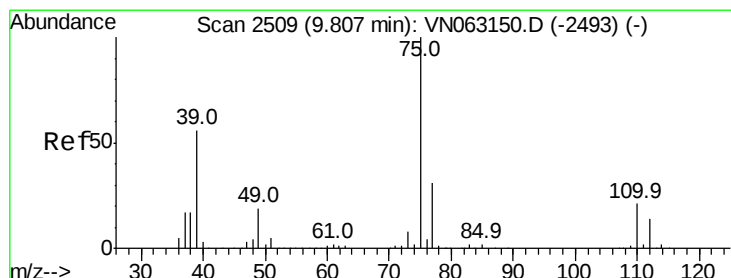
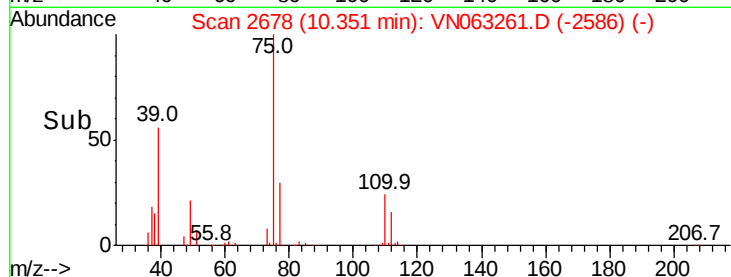
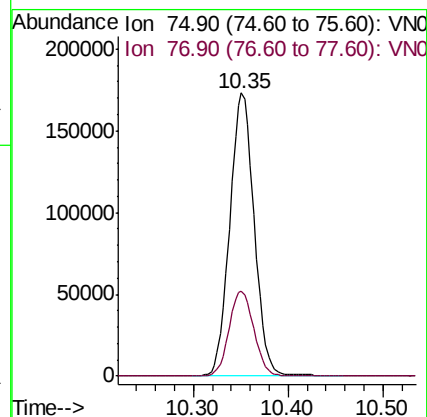
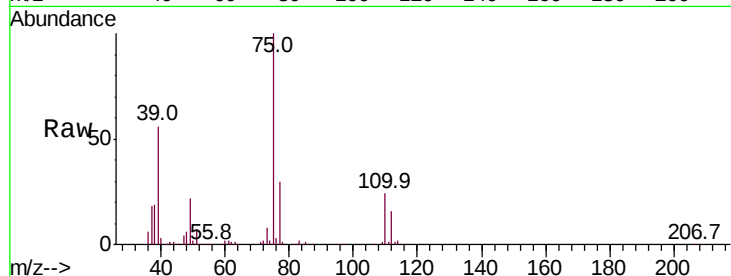
VSTDCCC050

Tot Ion: 75 Resp: 311026

Ion Ratio Lower Upper

75 100

77 30.0 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 50.778 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

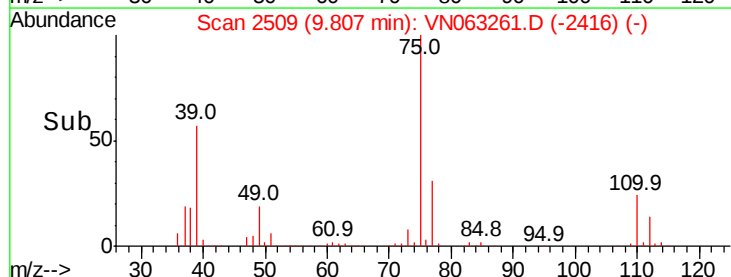
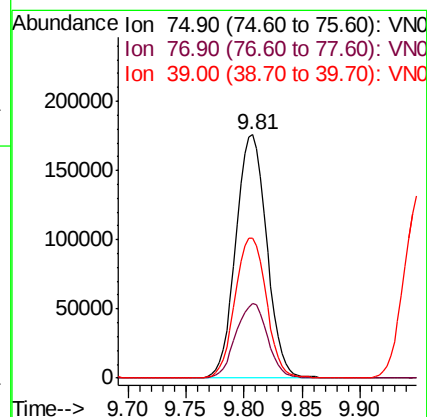
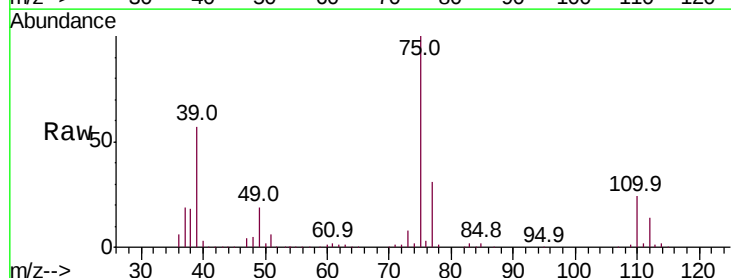
Tgt Ion: 75 Resp: 326196

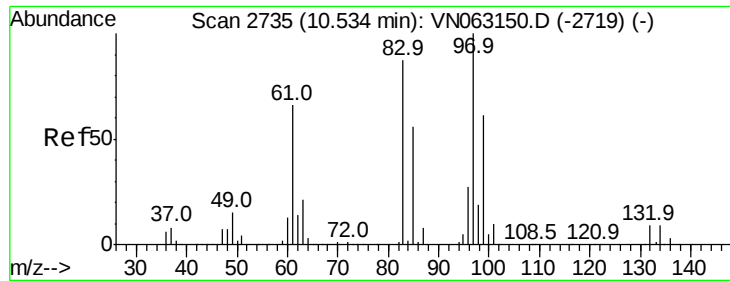
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 57.1 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 57.391 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 203680

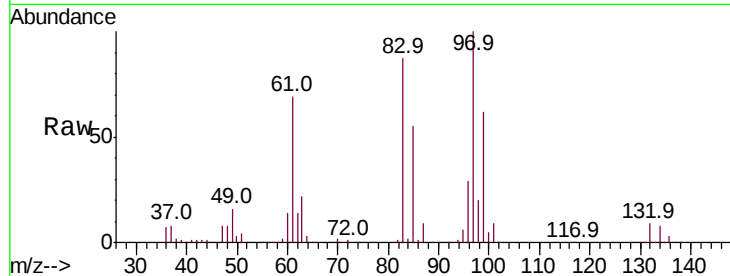
Ion Ratio Lower Upper

97 100

83 87.1 69.8 104.8

85 54.7 44.9 67.3

99 61.7 48.8 73.2

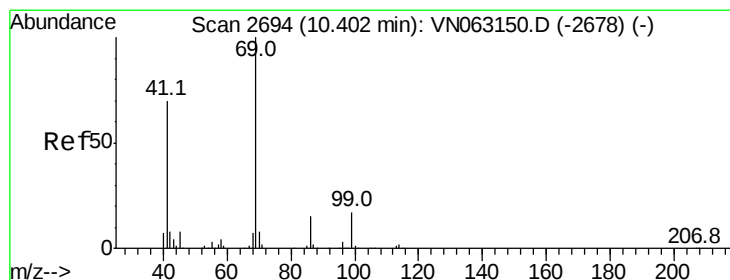
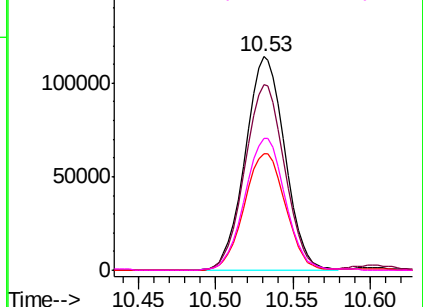
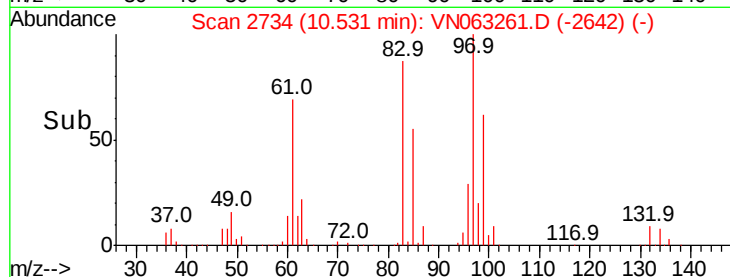


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 56.196 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

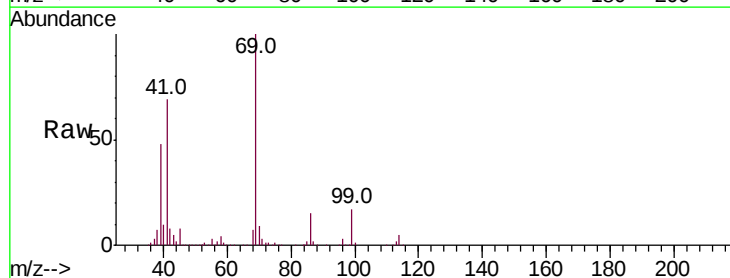
Tgt Ion: 69 Resp: 303516

Ion Ratio Lower Upper

69 100

41 69.1 55.5 83.3

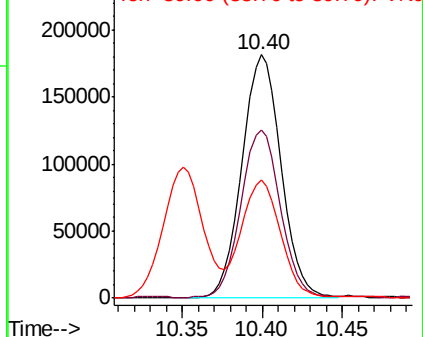
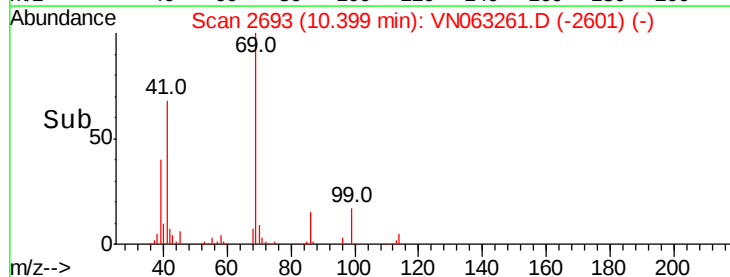
39 47.6 38.2 57.2

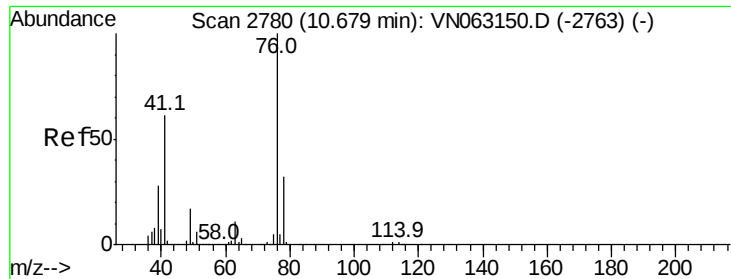


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 55.387 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

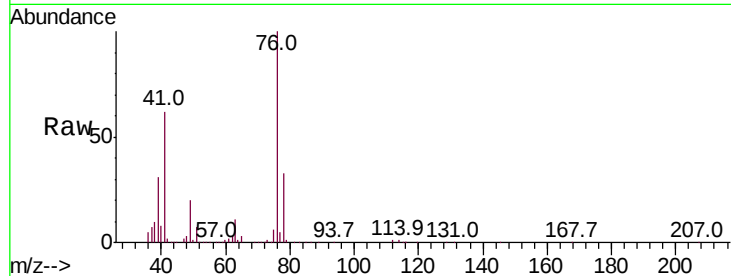
VSTDCCC050

Tot Ion: 76 Resp: 350179

Ion Ratio Lower Upper

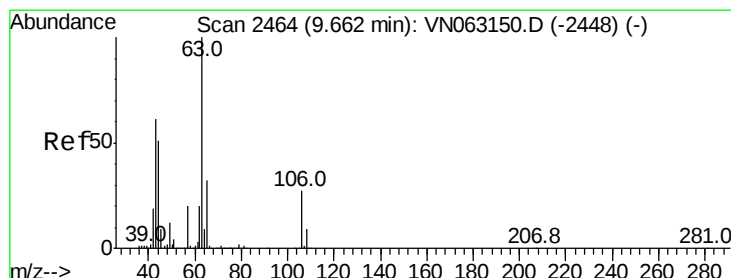
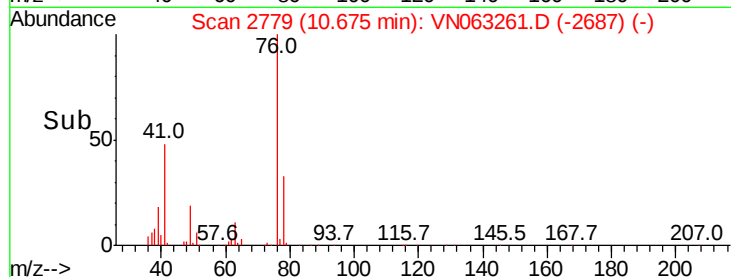
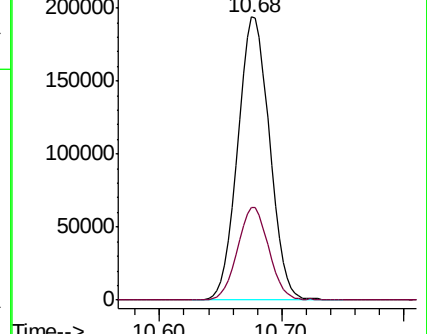
76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 262.696 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063261.D

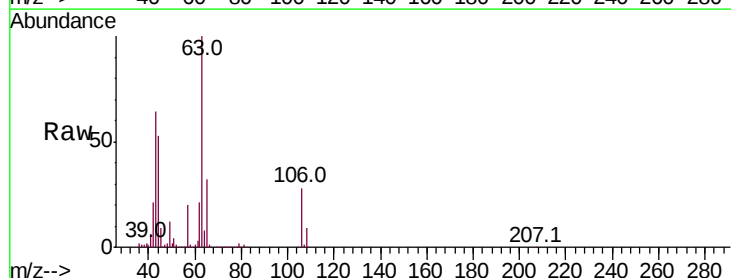
Acq: 5 Sep 2020 1:09

Tgt Ion: 63 Resp: 734715

Ion Ratio Lower Upper

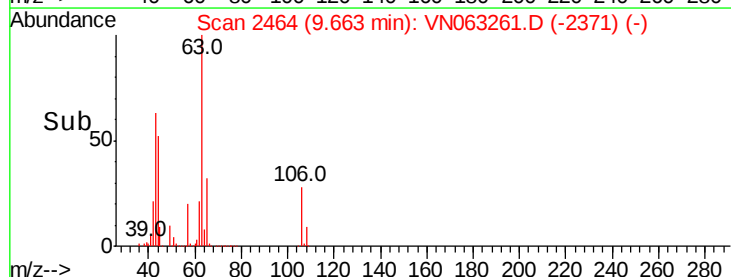
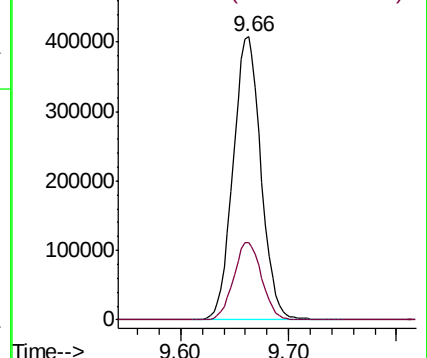
63 100

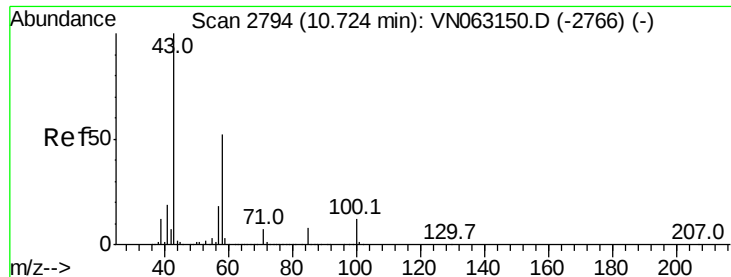
106 27.7 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

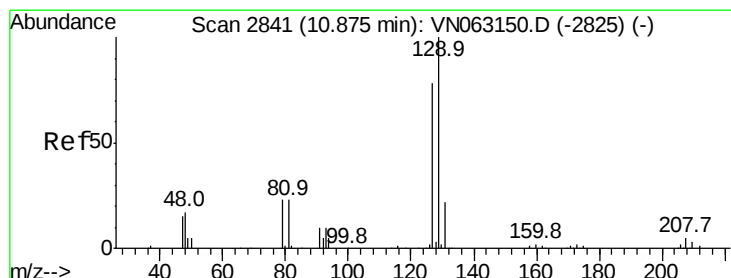
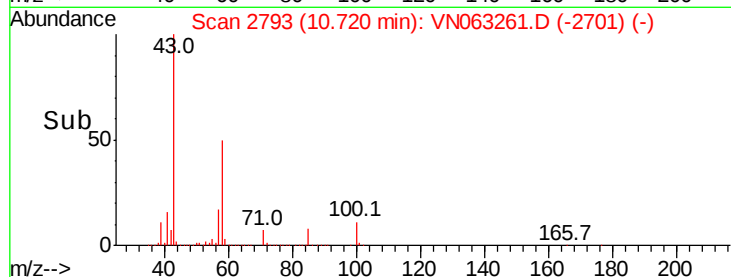
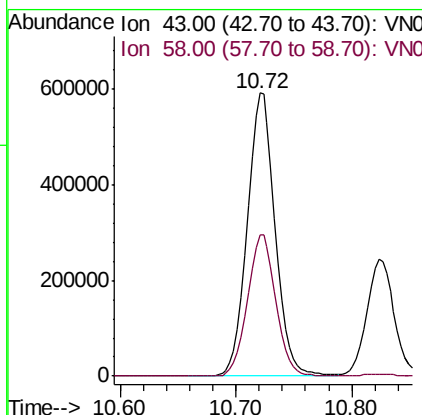
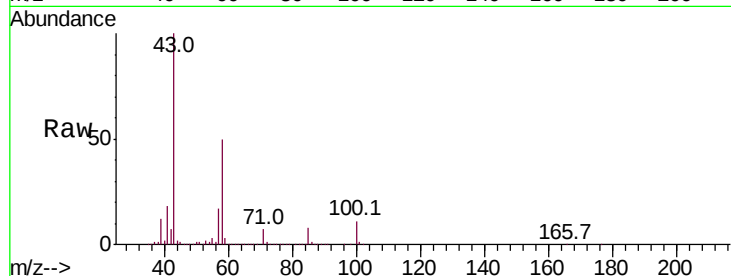




#59
2-Hexanone
Concen: 313.110 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

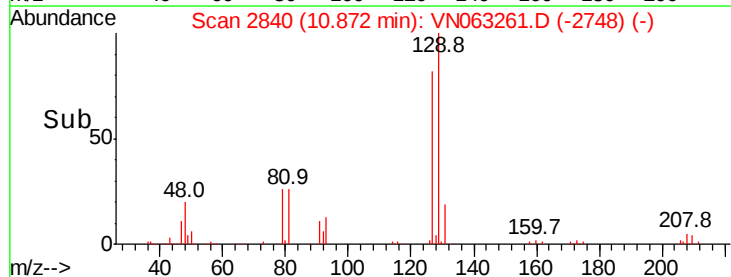
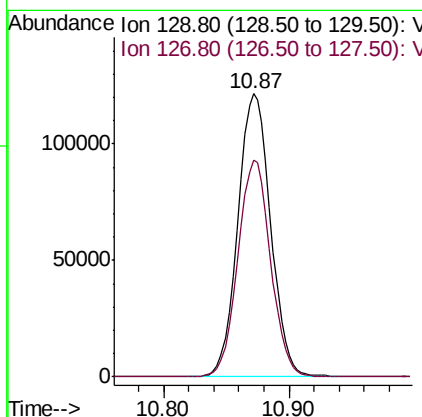
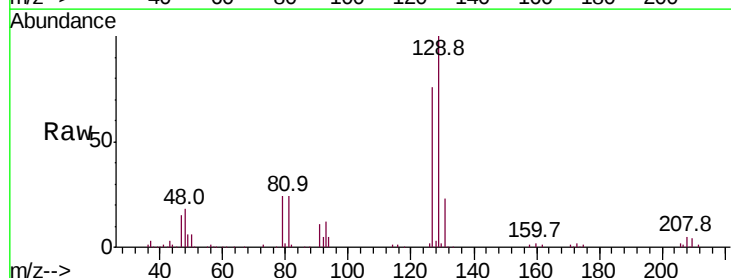
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

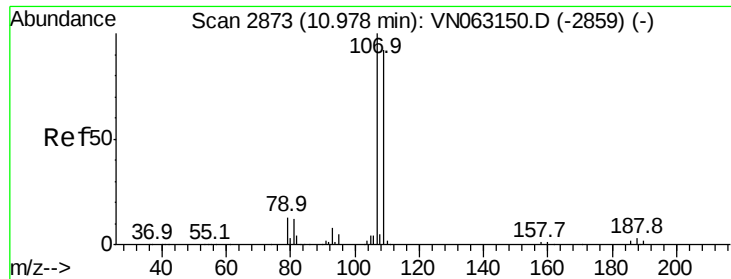
Tot Ion: 43 Resp: 987208
Ion Ratio Lower Upper
43 100
58 51.0 25.9 77.8



#60
Dibromochloromethane
Concen: 56.173 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion: 129 Resp: 220403
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

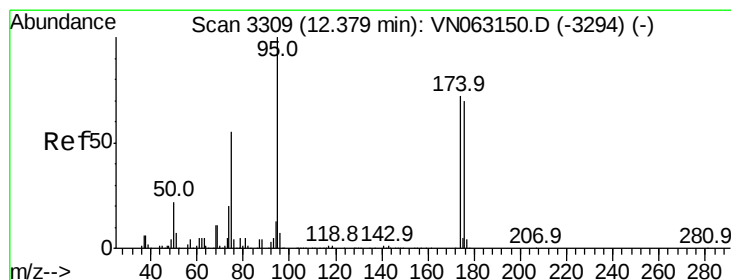
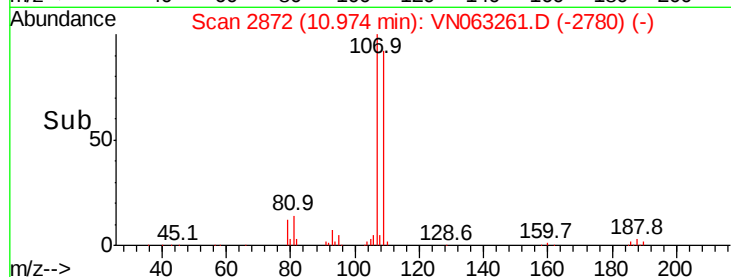
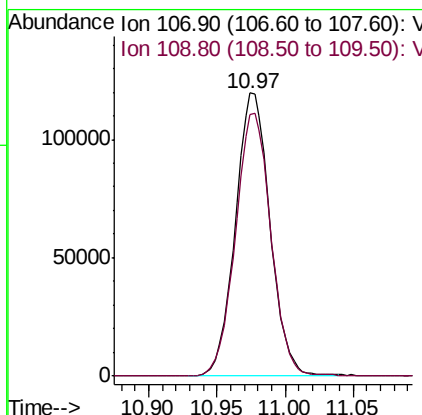
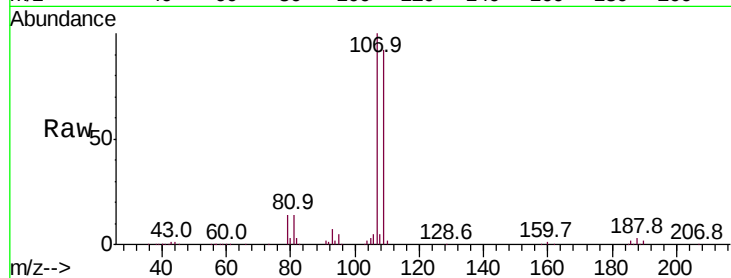




#61
1,2-Dibromoethane
Concen: 57.285 ug/l
RT: 10.97 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

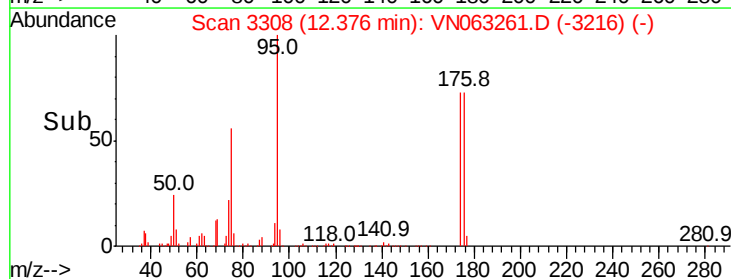
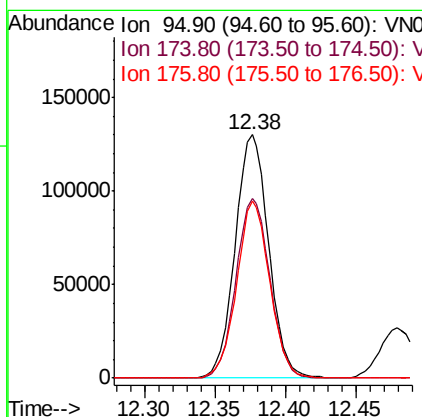
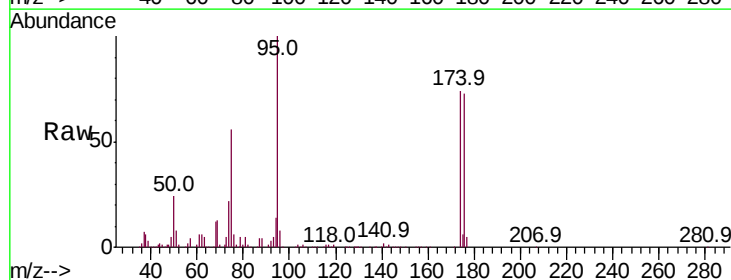
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

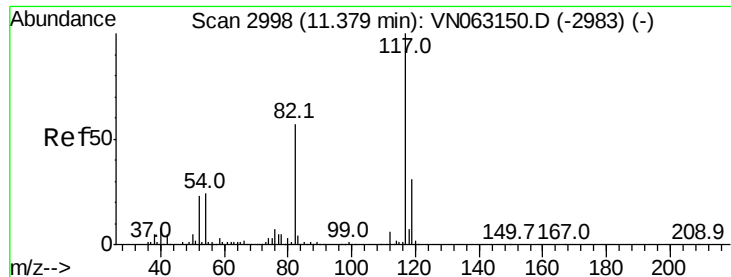
Tot Ion:107 Resp: 211340
Ion Ratio Lower Upper
107 100
109 94.8 73.4 110.0



#62
4-Bromofluorobenzene
Concen: 47.635 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion: 95 Resp: 216672
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 71.9 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: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

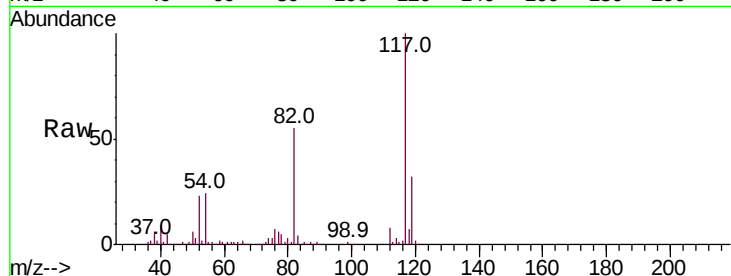
Tot Ion:117 Resp: 507633

Ion Ratio Lower Upper

117 100

82 55.1 45.4 68.0

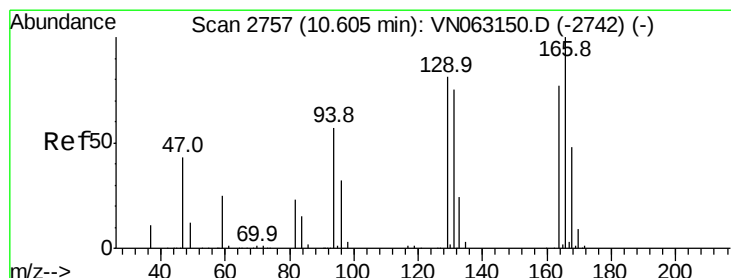
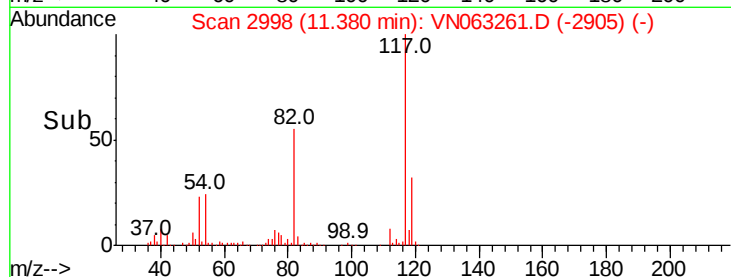
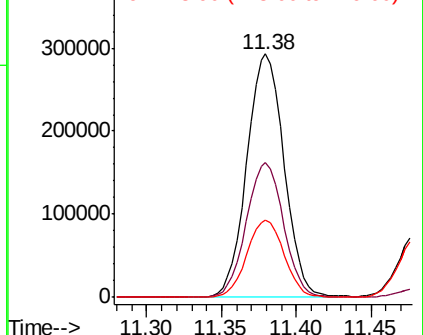
119 31.8 24.6 37.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.360 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Tgt Ion:164 Resp: 176288

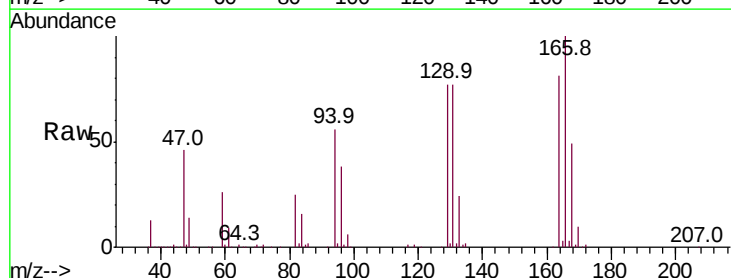
Ion Ratio Lower Upper

164 100

166 124.1 103.4 155.2

129 95.5 83.4 125.0

131 96.1 77.8 116.8

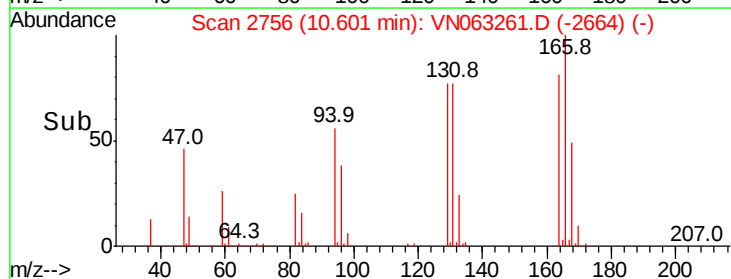
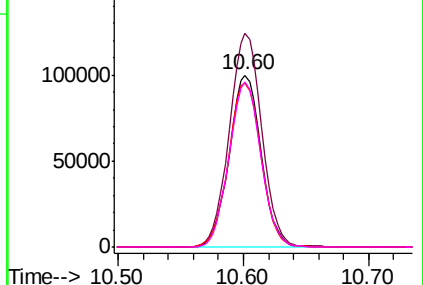


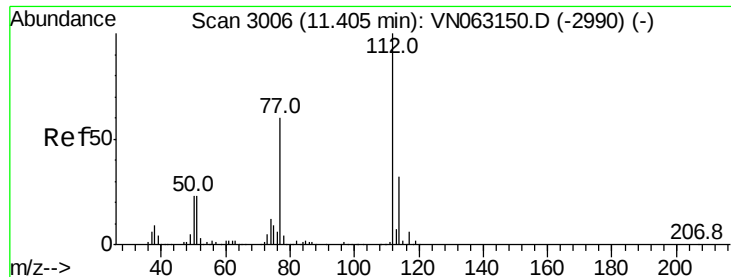
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

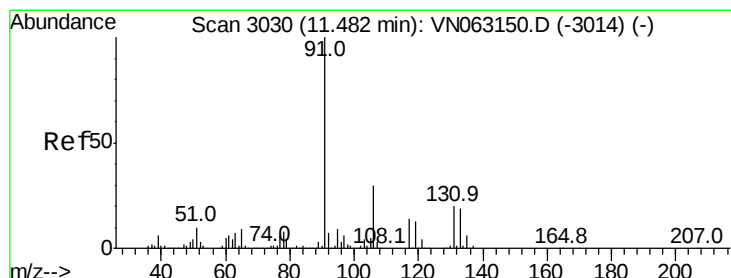
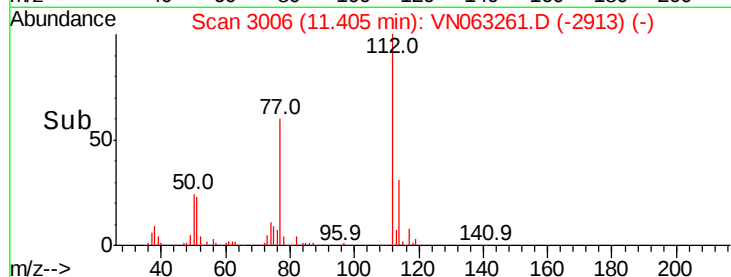
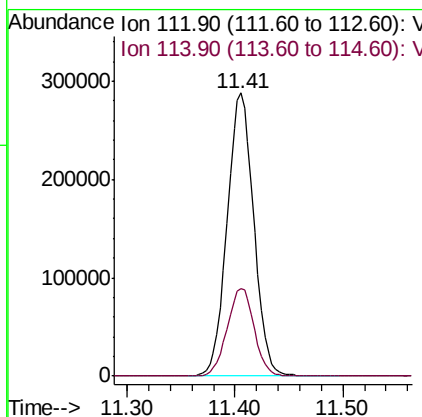
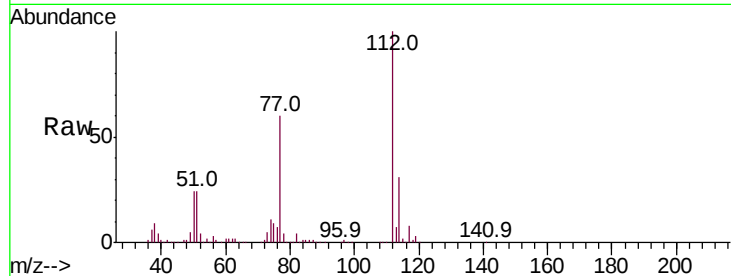




#65
Chlorobenzene
Concen: 48.492 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

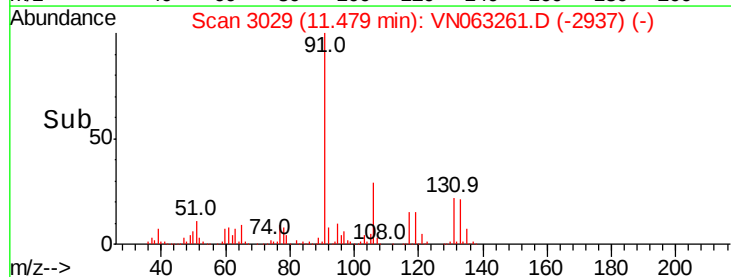
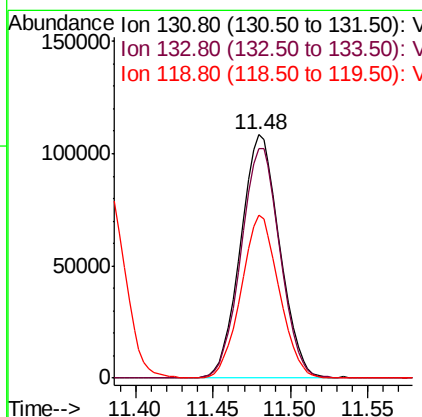
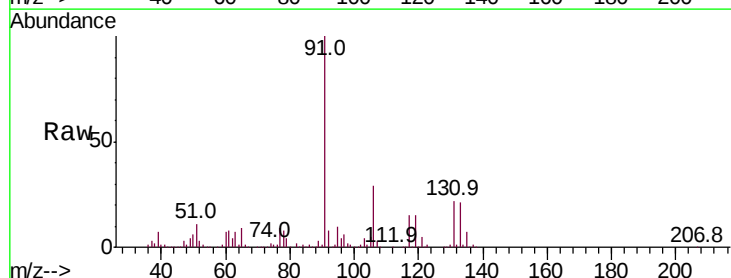
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

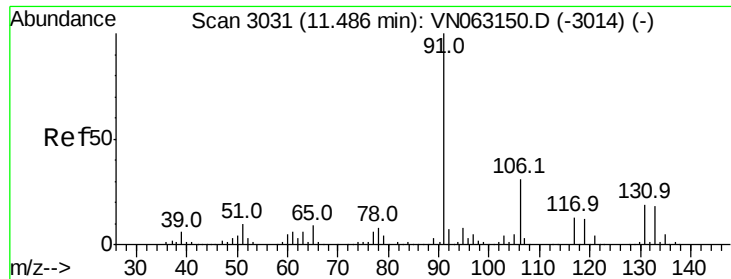
Tot Ion:112 Resp: 495795
Ion Ratio Lower Upper
112 100
114 31.1 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.354 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion:131 Resp: 191146
Ion Ratio Lower Upper
131 100
133 94.4 47.3 142.0
119 64.3 32.4 97.0

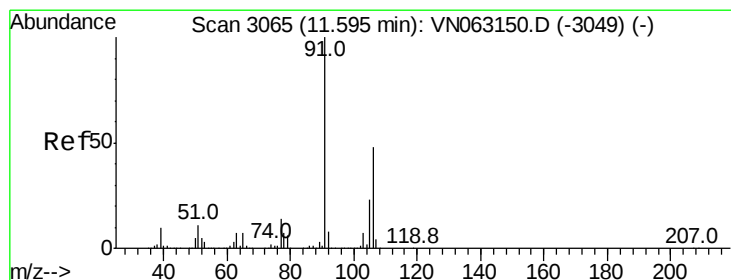
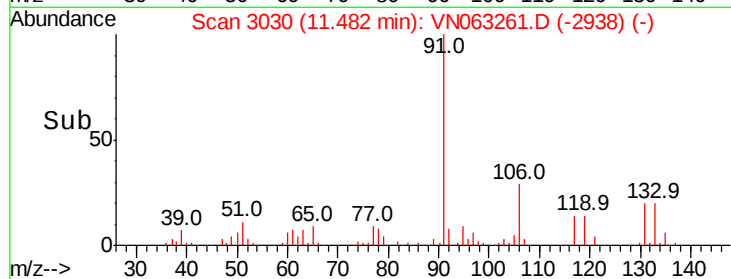
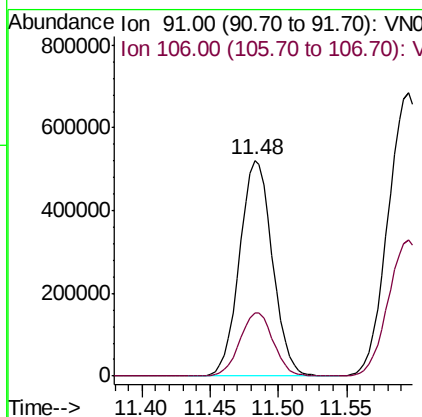
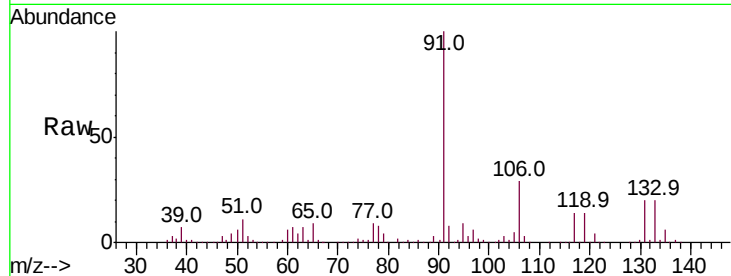




#67
Ethyl Benzene
Concen: 46.781 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

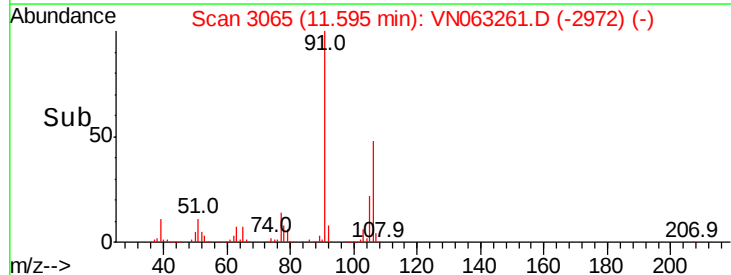
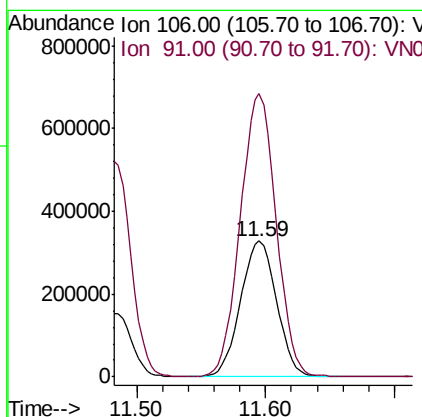
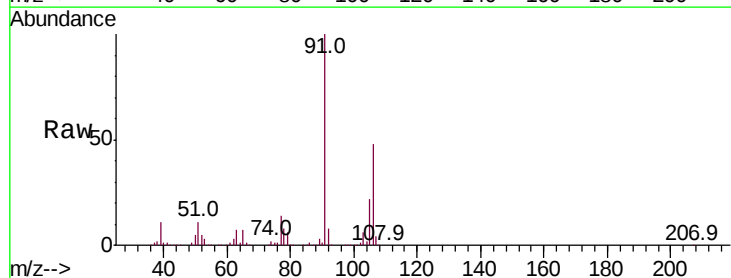
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

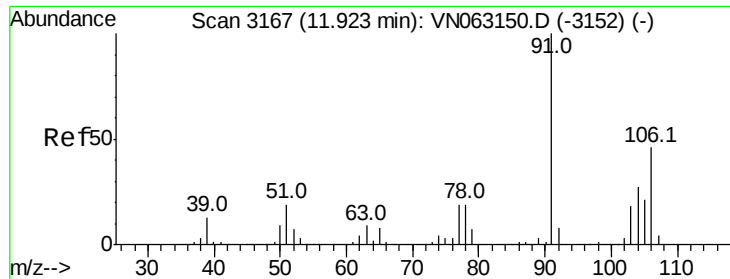
Tot Ion: 91 Resp: 872566
Ion Ratio Lower Upper
91 100
106 29.1 24.4 36.6



#68
m/p-Xylenes
Concen: 92.422 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion: 106 Resp: 638469
Ion Ratio Lower Upper
106 100
91 207.1 166.7 250.1

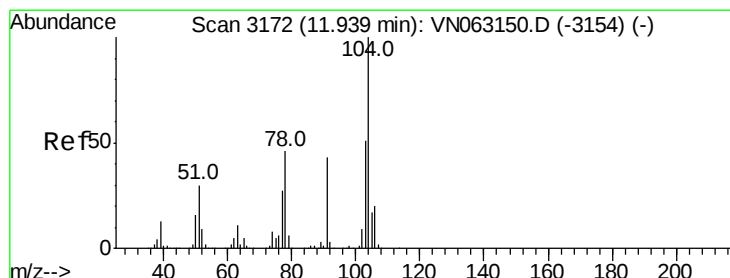
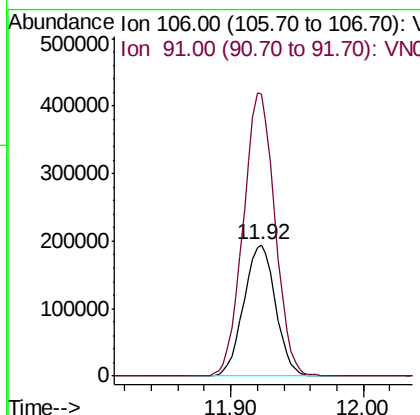
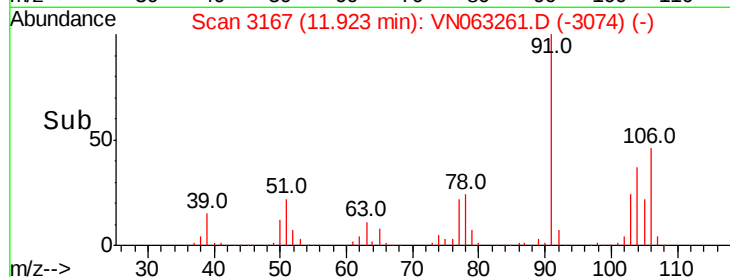
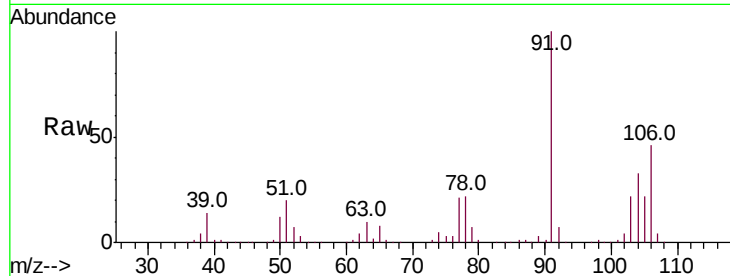




#69
o-Xylene
Concen: 48.502 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

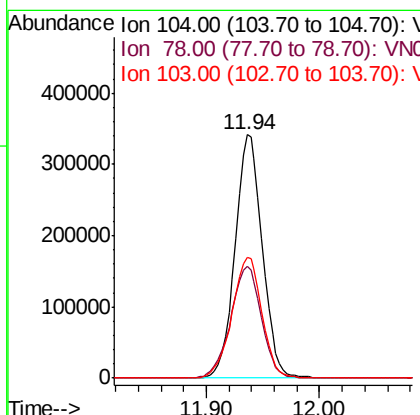
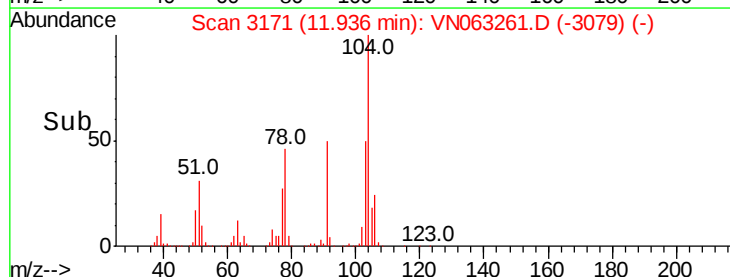
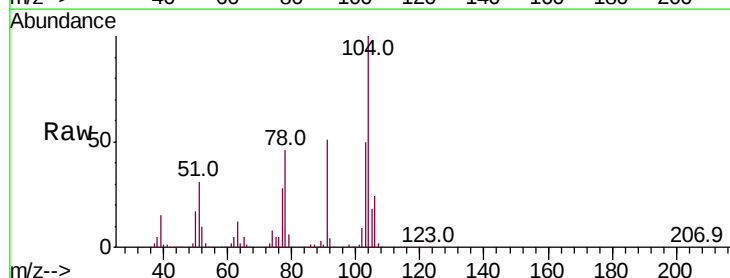
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

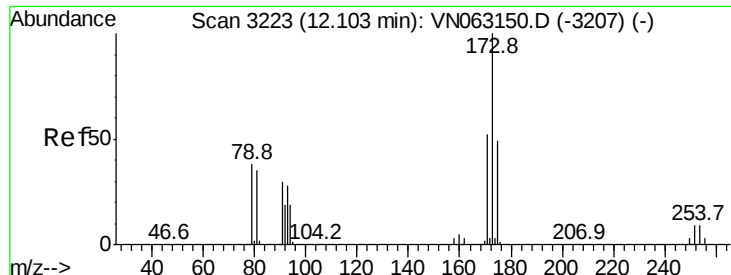
Tot Ion:106 Resp: 323684
Ion Ratio Lower Upper
106 100
91 215.6 108.6 325.6



#70
Styrene
Concen: 49.897 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion:104 Resp: 572278
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.6
103 54.6 43.8 65.8

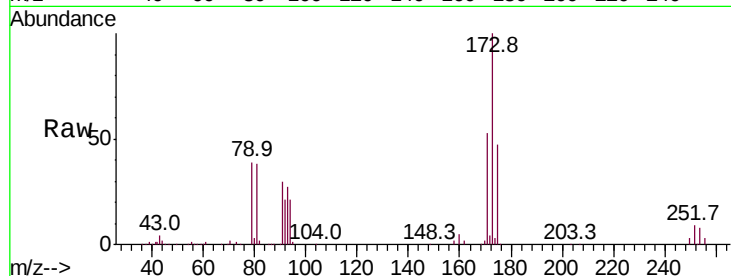




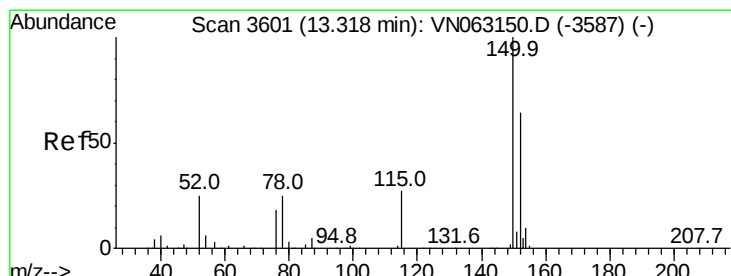
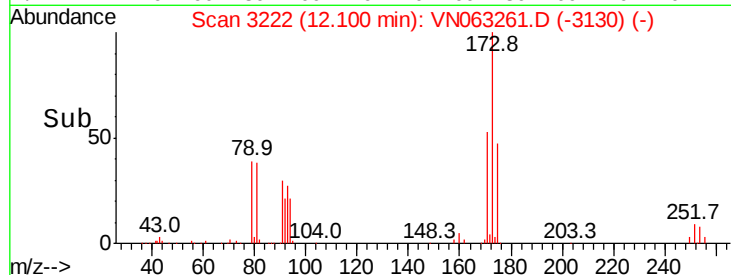
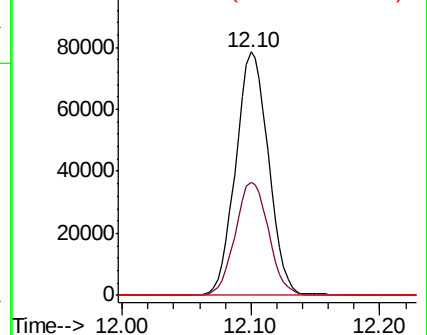
#71
Bromoform
Concen: 53.973 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:173 Resp: 139044
Ion Ratio Lower Upper
173 100
175 47.1 24.6 73.8
254 0.0 0.0 0.0#

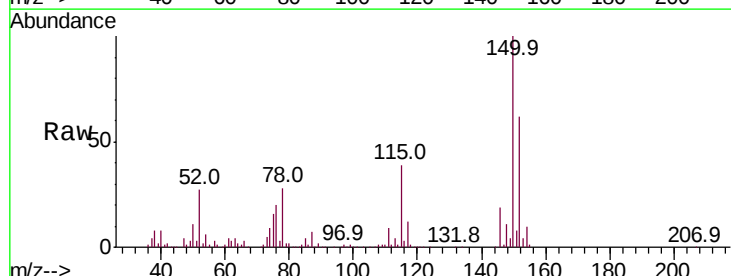


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

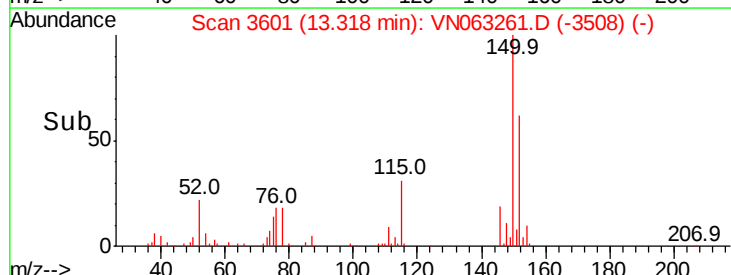
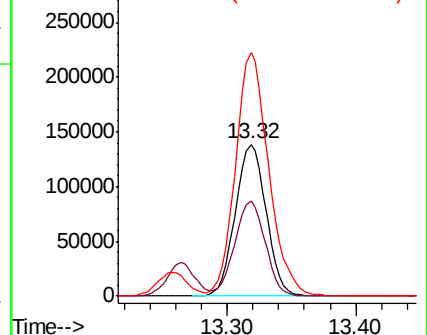


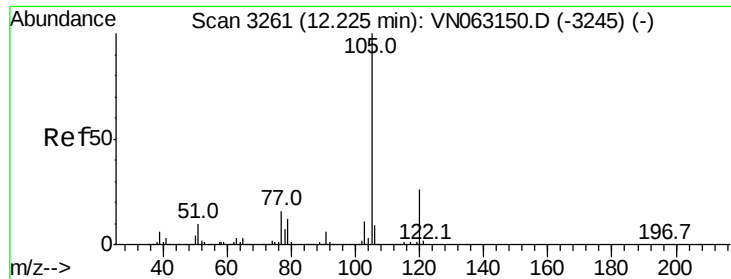
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion:152 Resp: 230643
Ion Ratio Lower Upper
152 100
115 61.8 32.0 96.2
150 171.3 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: 44.263 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampled :

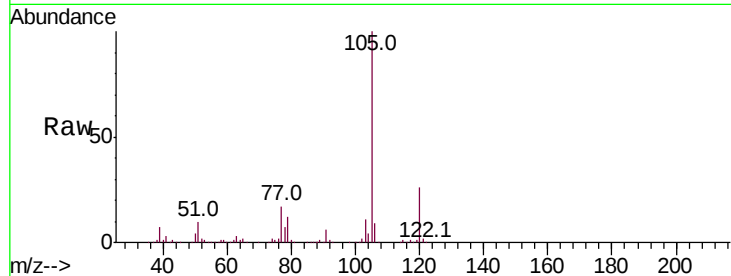
VSTDCCC050

Tot Ion:105 Resp: 783014

Ion Ratio Lower Upper

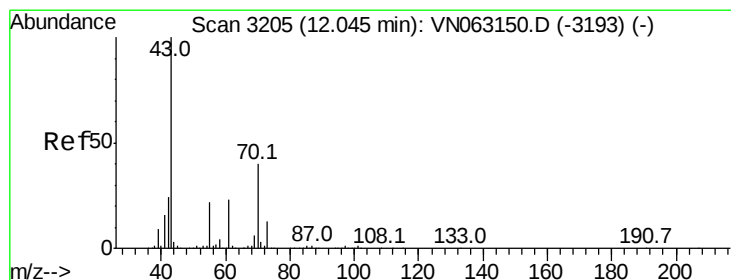
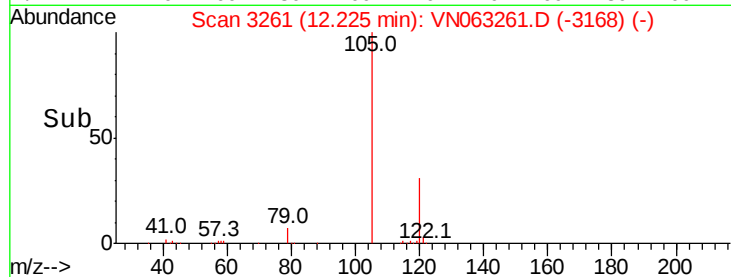
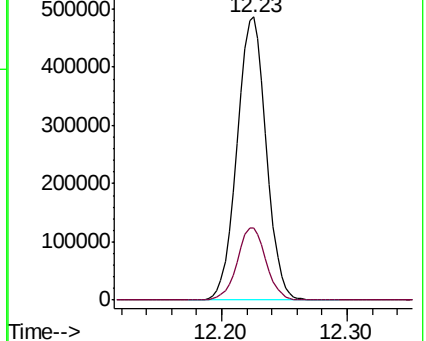
105 100

120 25.4 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: 55.974 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Tgt Ion: 43 Resp: 410148

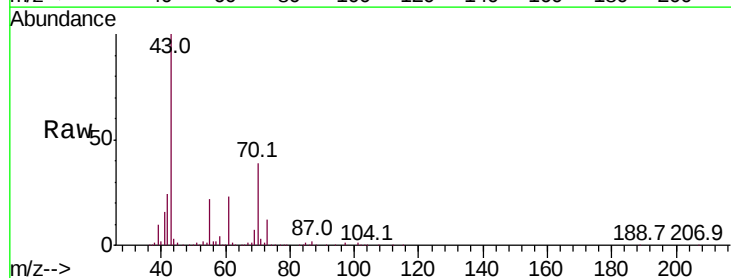
Ion Ratio Lower Upper

43 100

70 39.2 32.1 48.1

55 22.1 17.4 26.0

61 22.7 18.6 27.8

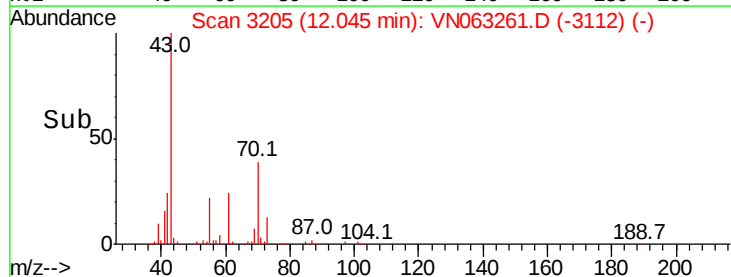
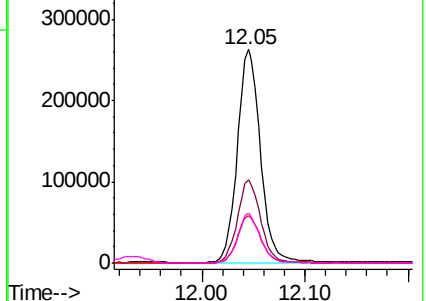


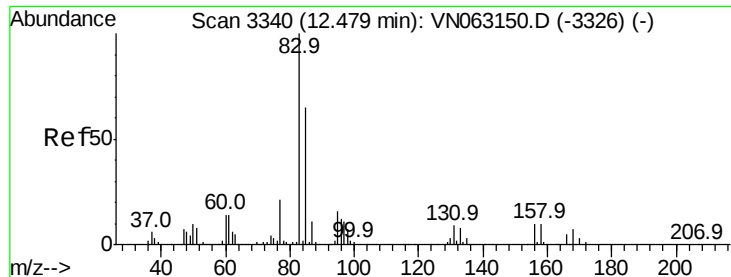
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.358 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

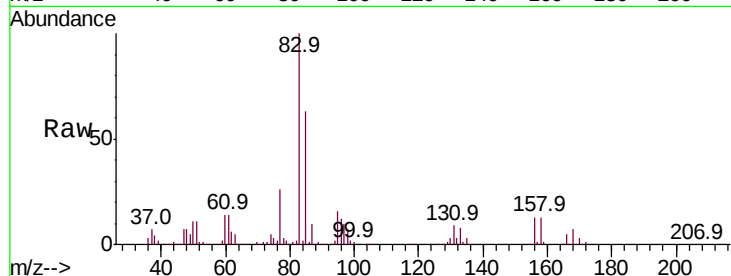
Tot Ion: 83 Resp: 277233

Ion Ratio Lower Upper

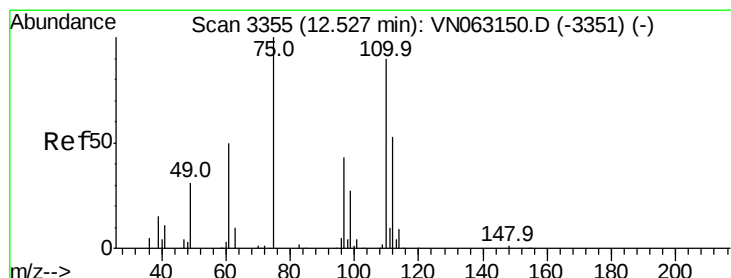
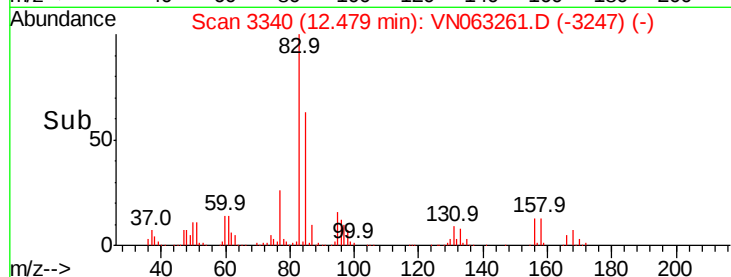
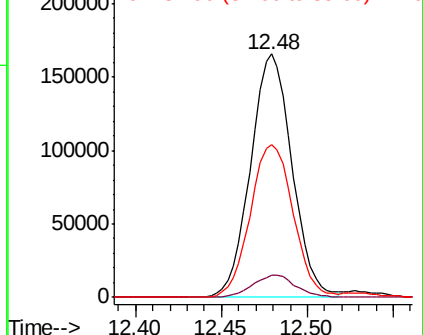
83 100

131 9.6 4.7 14.0

85 65.1 32.7 98.1



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



#76

1,2,3-Trichloropropane

Concen: 80.647 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063261.D

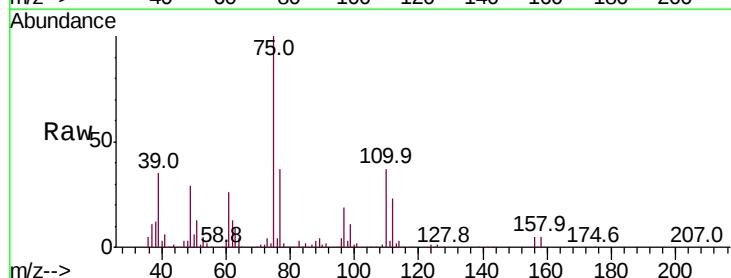
Acq: 5 Sep 2020 1:09

Tgt Ion: 75 Resp: 365463

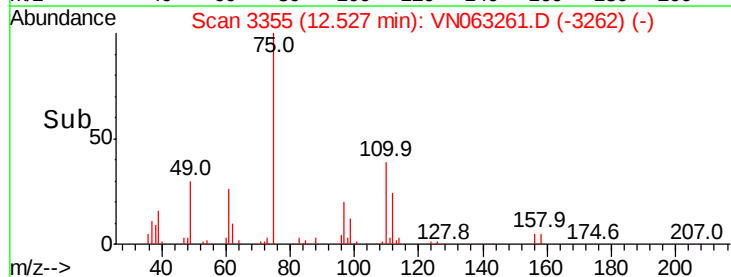
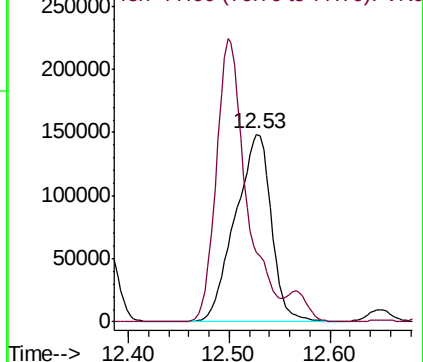
Ion Ratio Lower Upper

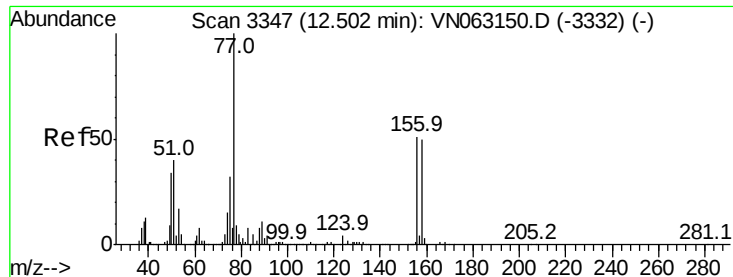
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 50.879 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

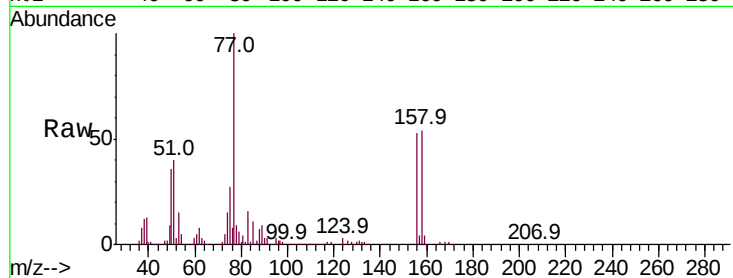
Tot Ion:156 Resp: 203555

Ion Ratio Lower Upper

156 100

77 229.6 116.1 348.3

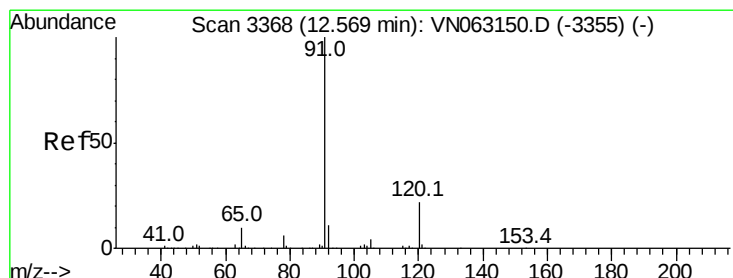
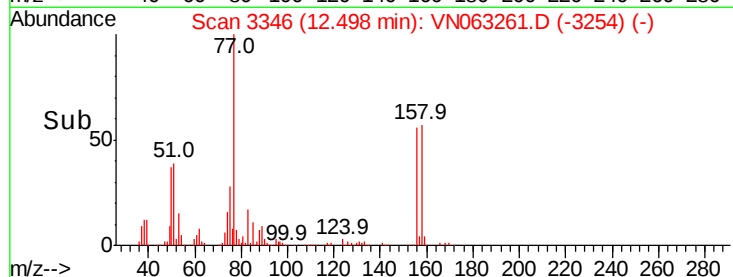
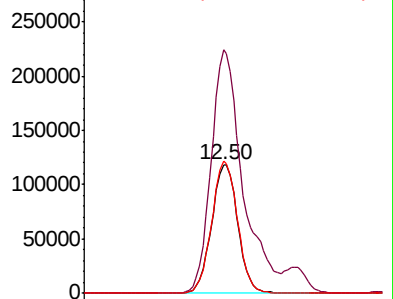
158 101.3 48.8 146.4



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: 43.313 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063261.D

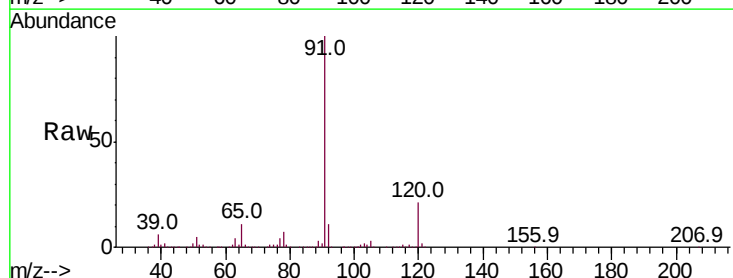
Acq: 5 Sep 2020 1:09

Tgt Ion: 91 Resp: 886637

Ion Ratio Lower Upper

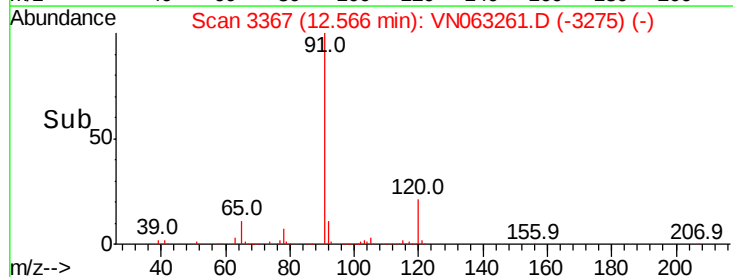
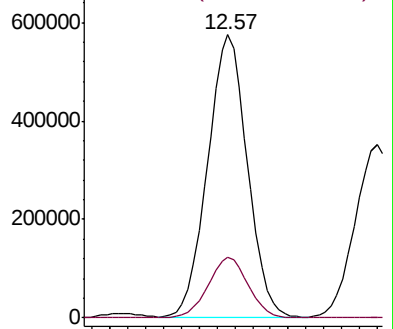
91 100

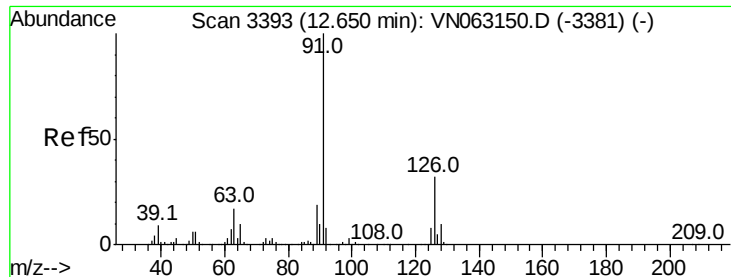
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.429 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

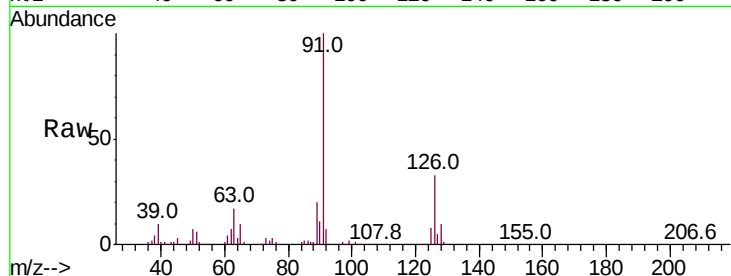
VSTDCCC050

Tot Ion: 91 Resp: 569245

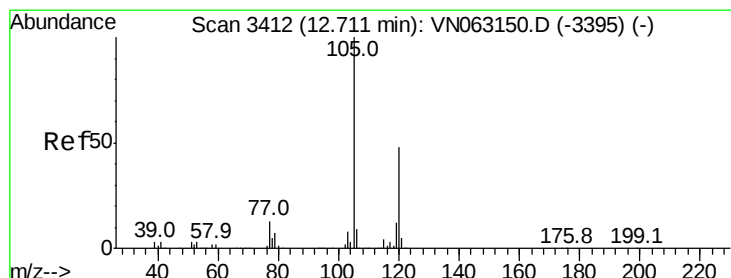
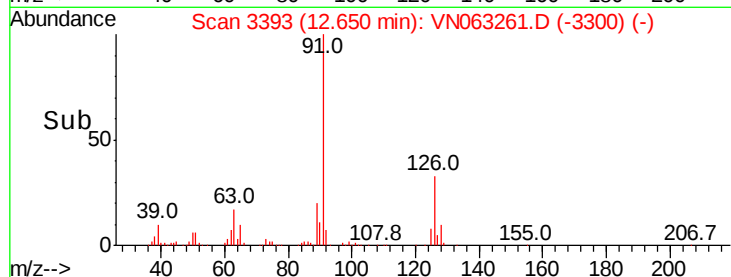
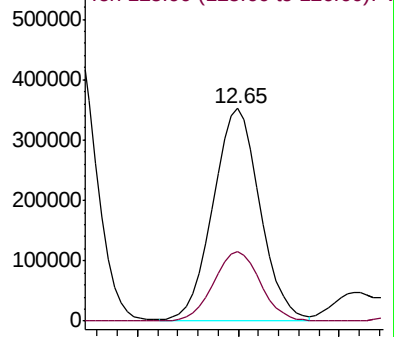
Ion Ratio Lower Upper

91 100

126 33.2 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3381) (-)



#80

1,3,5-Trimethylbenzene

Concen: 44.042 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063261.D

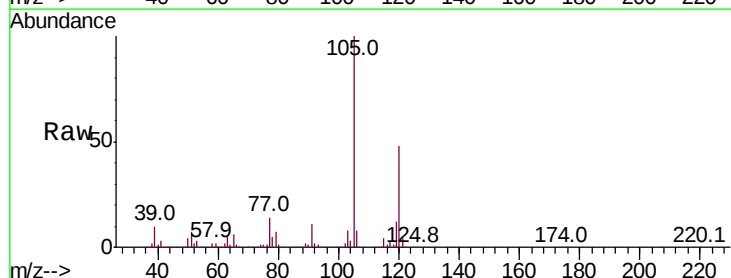
Acq: 5 Sep 2020 1:09

Tgt Ion: 105 Resp: 648504

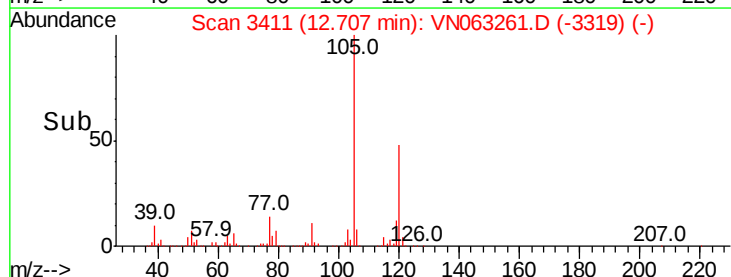
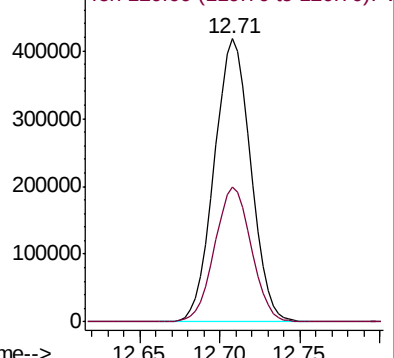
Ion Ratio Lower Upper

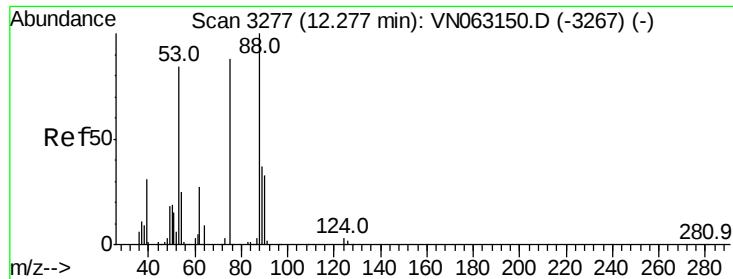
105 100

120 48.2 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063150.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.446 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

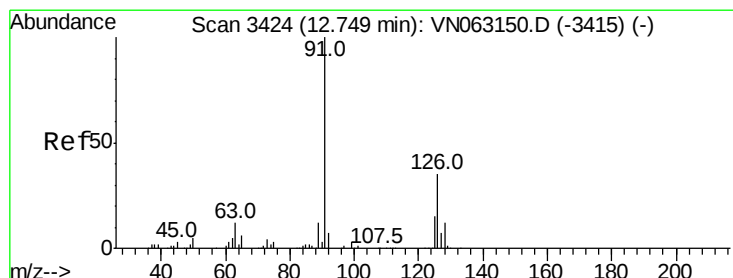
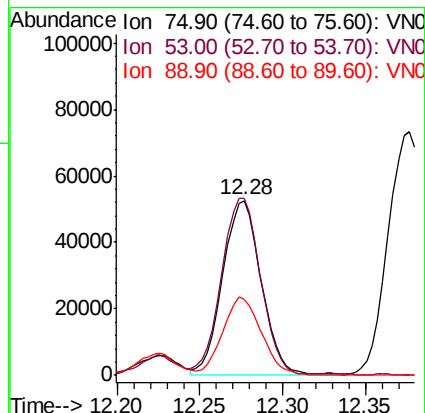
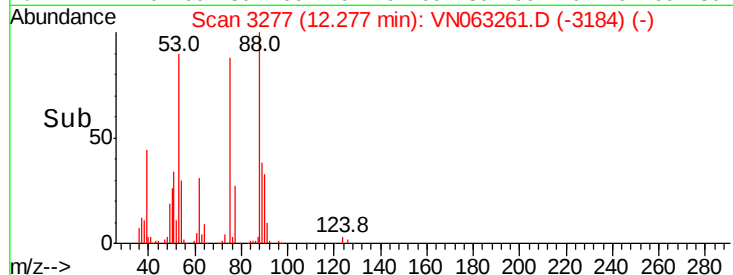
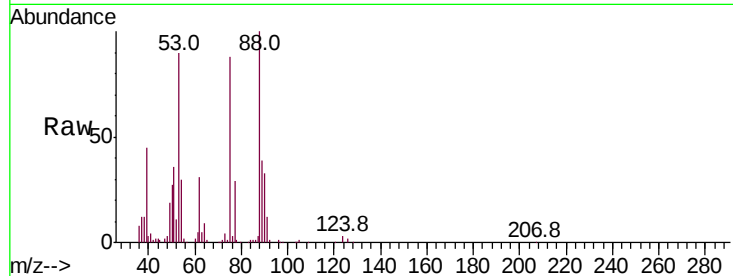
Tot Ion: 75 Resp: 85207

Ion Ratio Lower Upper

75 100

53 101.0 78.7 118.1

89 44.9 35.3 52.9



#82

4-Chlorotoluene

Concen: 46.799 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063261.D

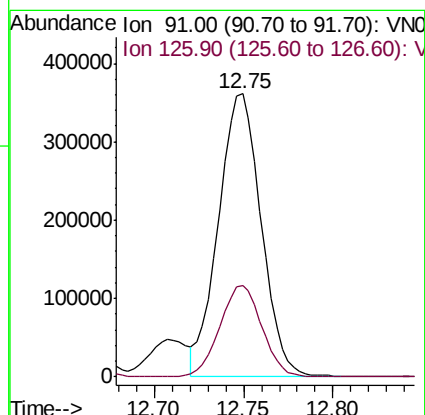
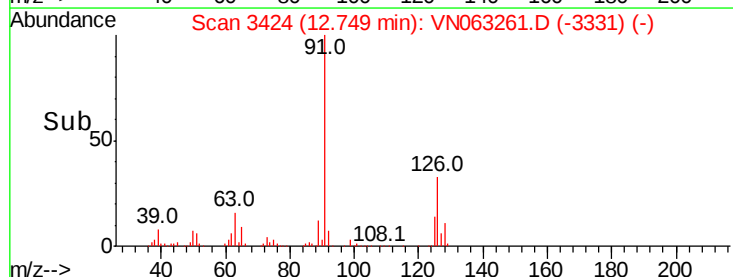
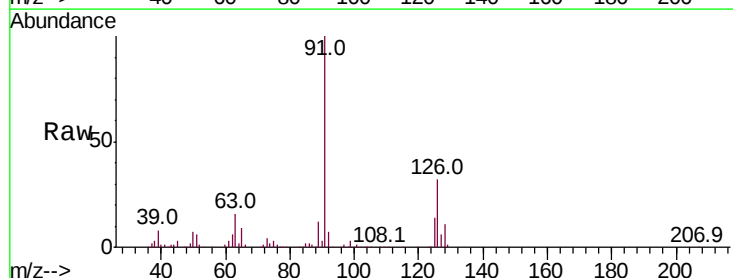
Acq: 5 Sep 2020 1:09

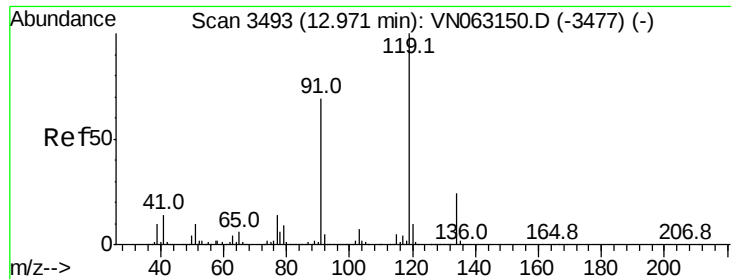
Tgt Ion: 91 Resp: 595090

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.5

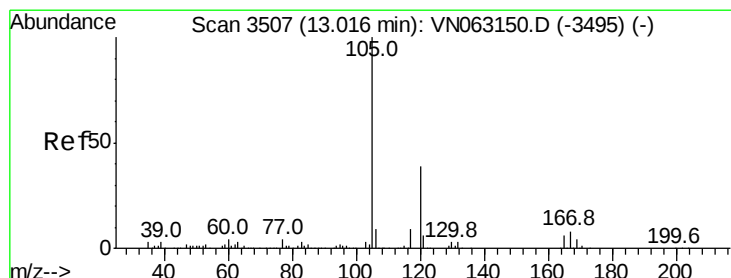
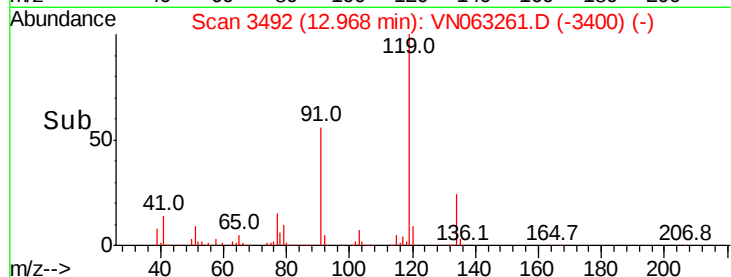
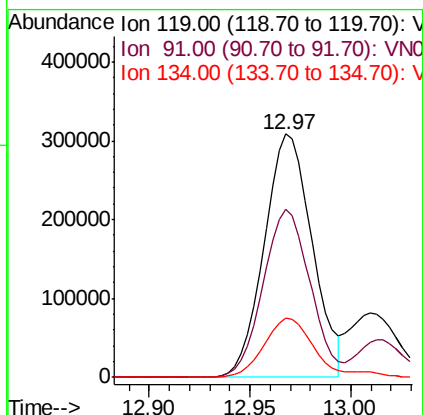
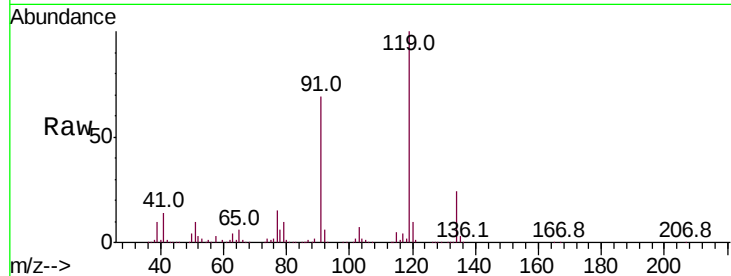




#83
tert-Butylbenzene
Concen: 40.416 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

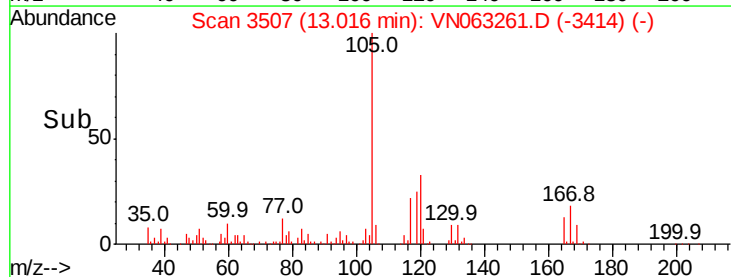
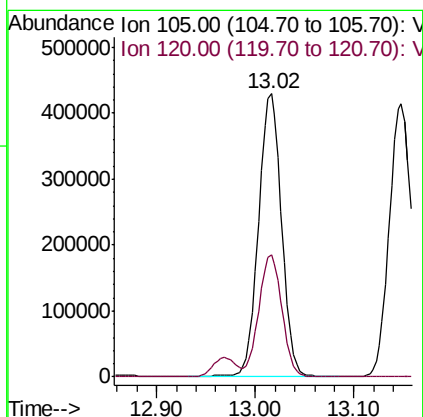
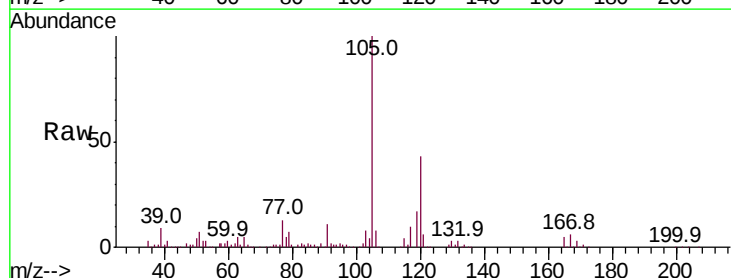
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

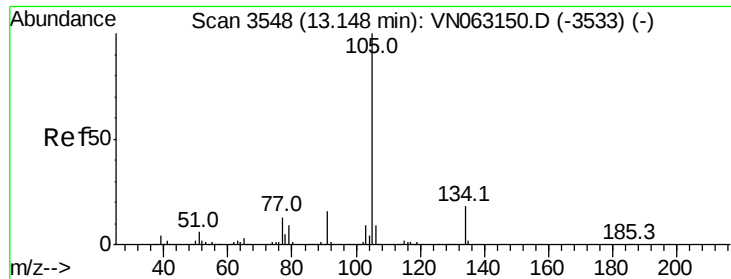
Tot Ion:119 Resp: 510375
Ion Ratio Lower Upper
119 100
91 67.9 33.7 101.0
134 25.8 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 46.503 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063261.D
Acq: 5 Sep 2020 1:09

Tgt Ion:105 Resp: 690185
Ion Ratio Lower Upper
105 100
120 43.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 39.885 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

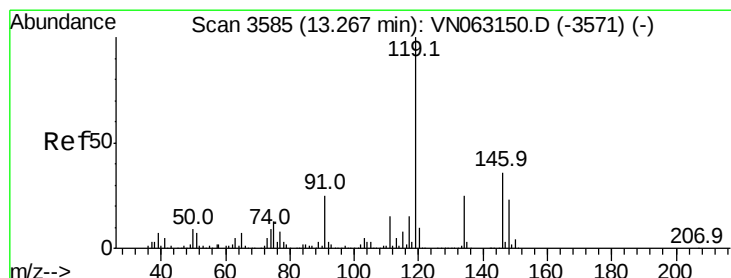
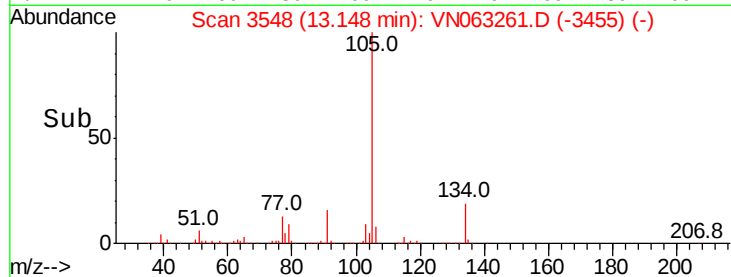
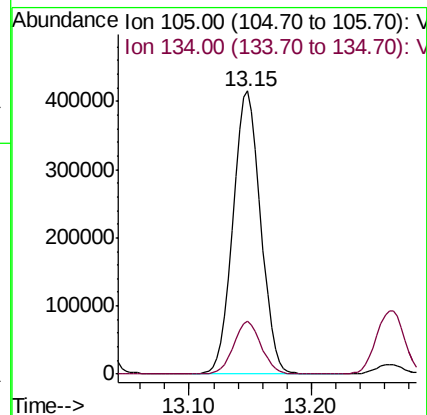
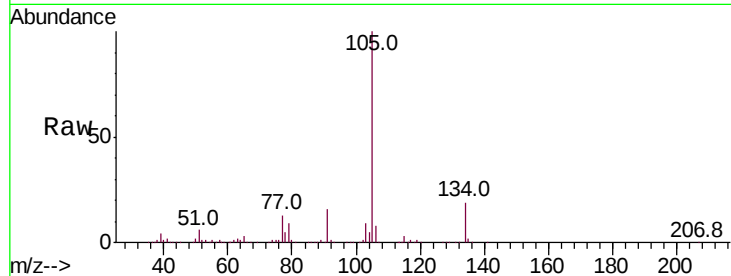
VSTDCCC050

Tot Ion:105 Resp: 656424

Ion Ratio Lower Upper

105 100

134 18.6 9.4 28.3



#86

p-Isopropyltoluene

Concen: 41.317 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

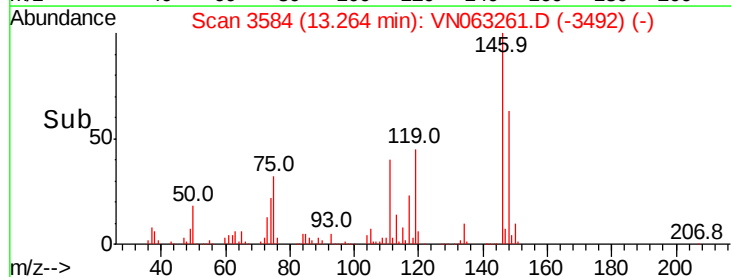
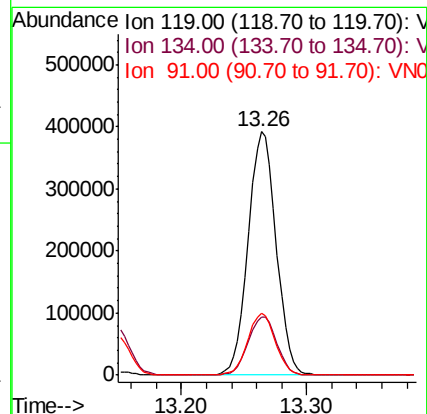
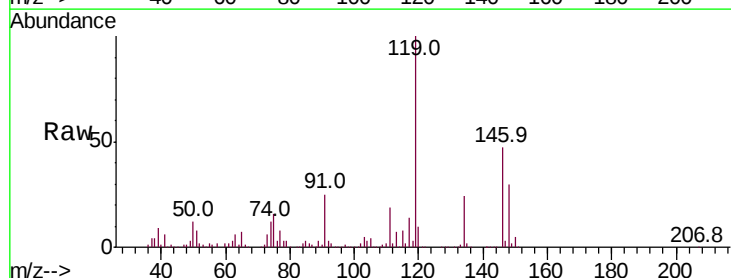
Tgt Ion:119 Resp: 603714

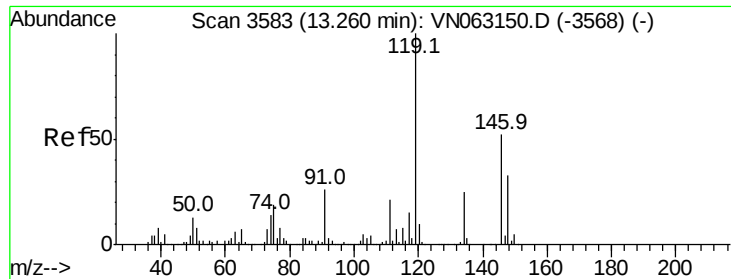
Ion Ratio Lower Upper

119 100

134 24.6 12.4 37.4

91 24.8 12.2 36.6

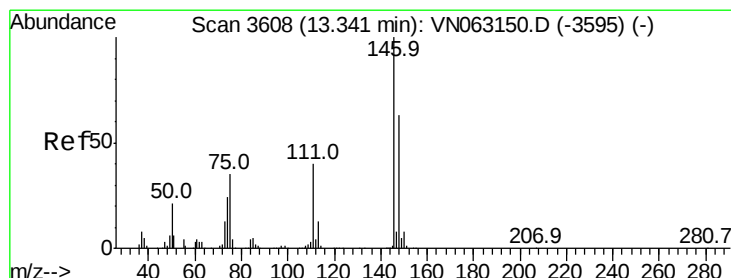
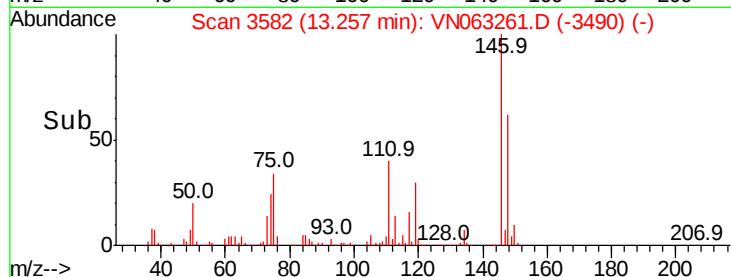
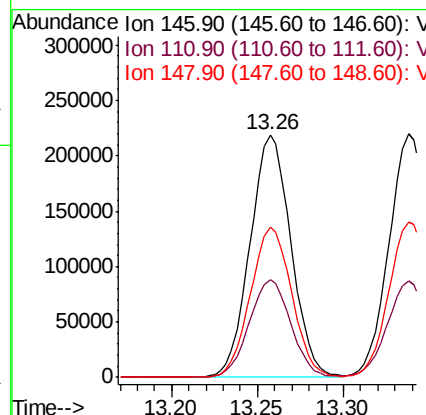
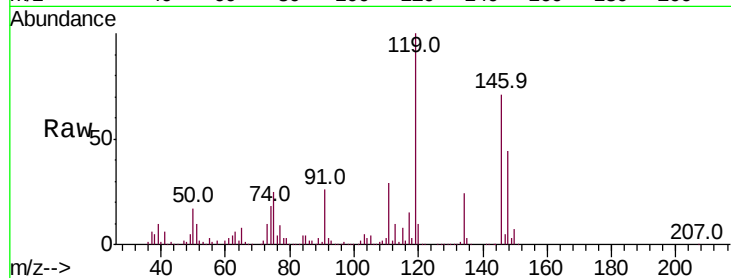




#87
 1,3-Dichlorobenzene
 Concen: 49.029 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063261.D
 Acq: 5 Sep 2020 1:09

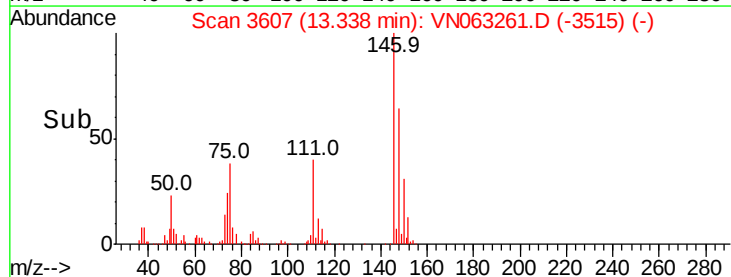
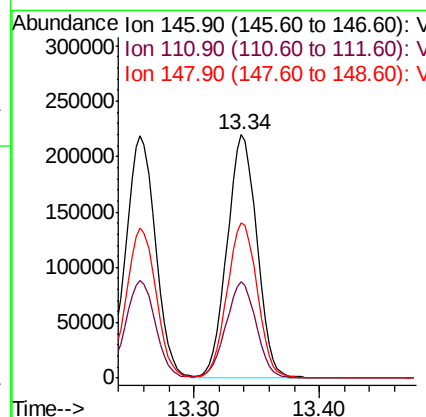
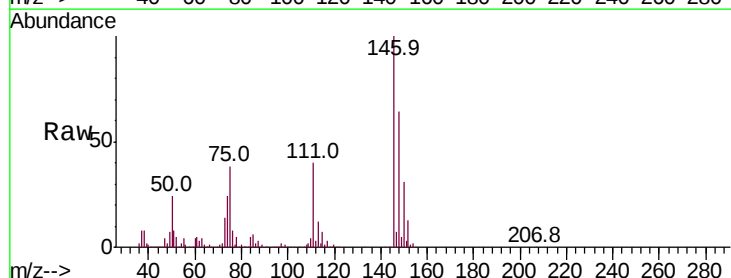
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

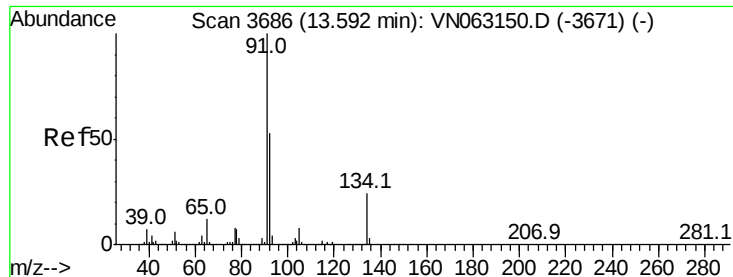
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.3	63.7
148	62.7	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.763 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063261.D
 Acq: 5 Sep 2020 1:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.5	61.5
148	64.7	31.9	95.7





#89

n-Butylbenzene

Concen: 38.455 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

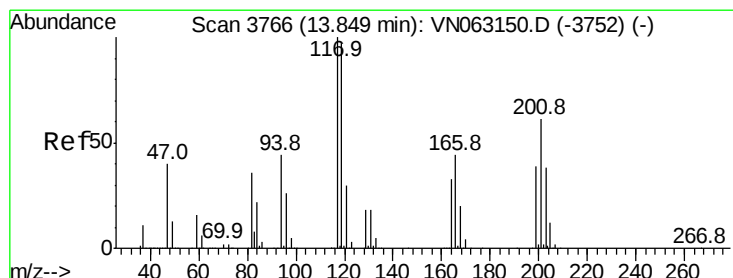
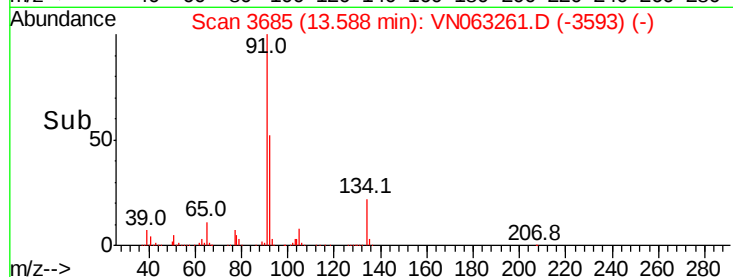
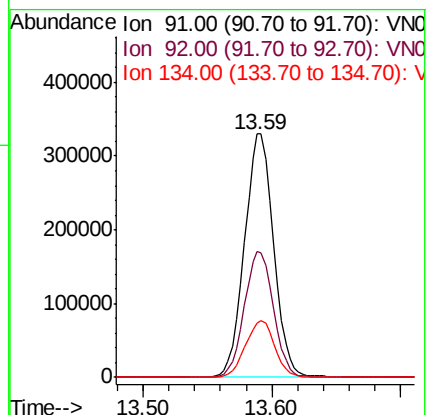
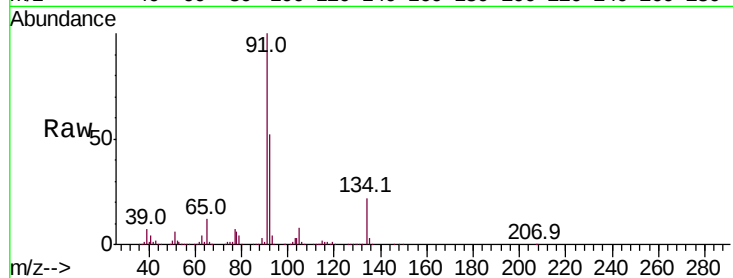
Tot Ion: 91 Resp: 519093

Ion Ratio Lower Upper

91 100

92 51.7 26.3 78.8

134 23.3 12.0 36.0



#90

Hexachloroethane

Concen: 37.576 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063261.D

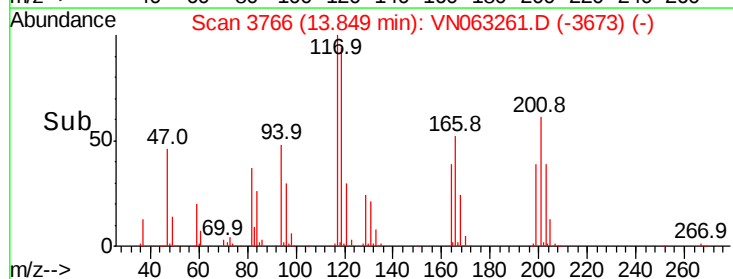
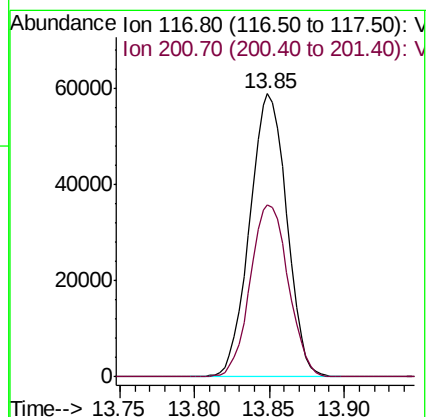
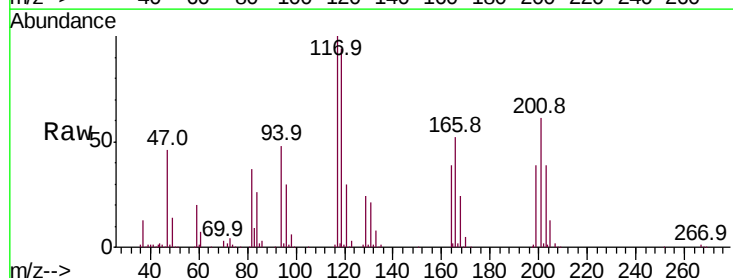
Acq: 5 Sep 2020 1:09

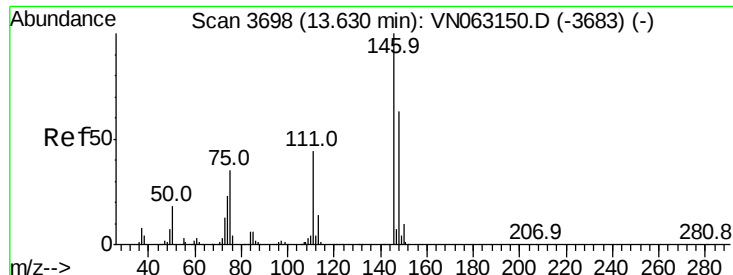
Tgt Ion: 117 Resp: 101639

Ion Ratio Lower Upper

117 100

201 62.4 30.6 92.0

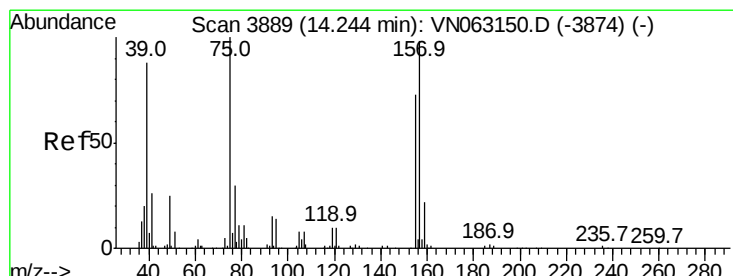
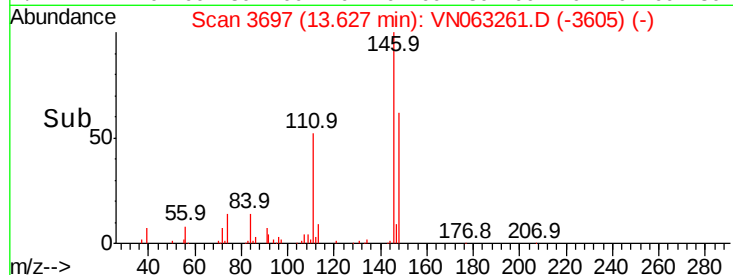
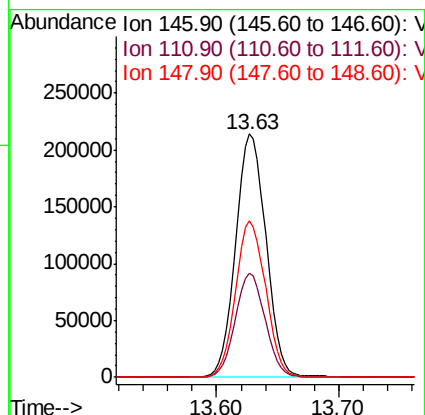
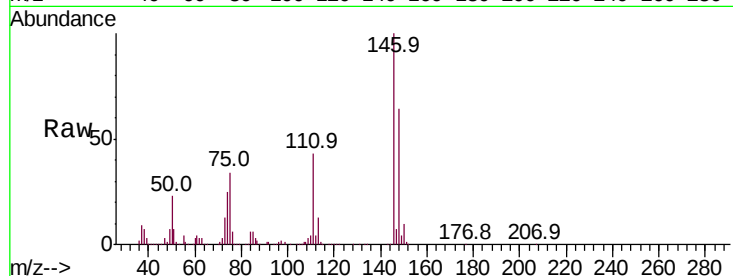




#91
 1,2-Dichlorobenzene
 Concen: 51.907 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063261.D
 Acq: 5 Sep 2020 1:09

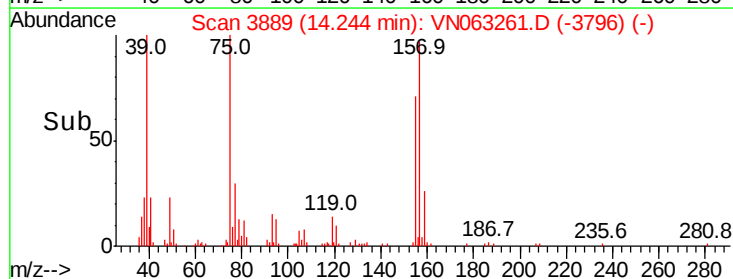
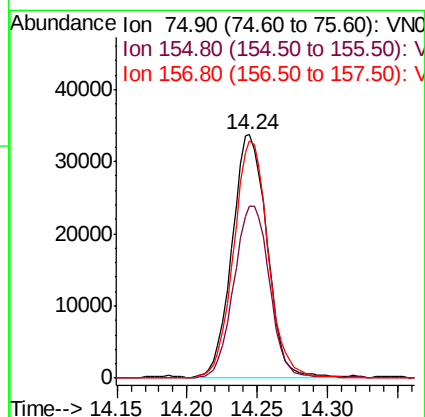
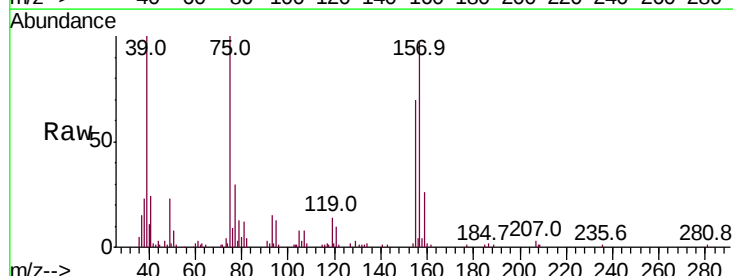
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

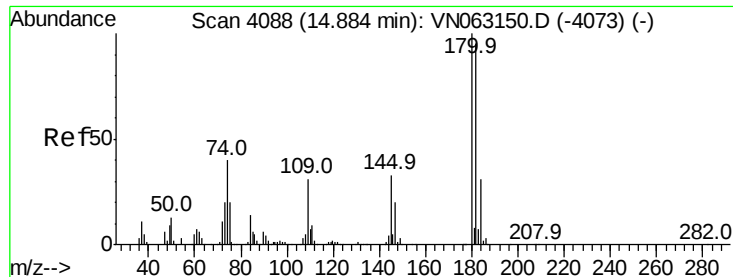
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	22.0	66.0
148	63.7	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.458 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063261.D
 Acq: 5 Sep 2020 1:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.6	36.1	108.5
157	96.2	48.4	145.0

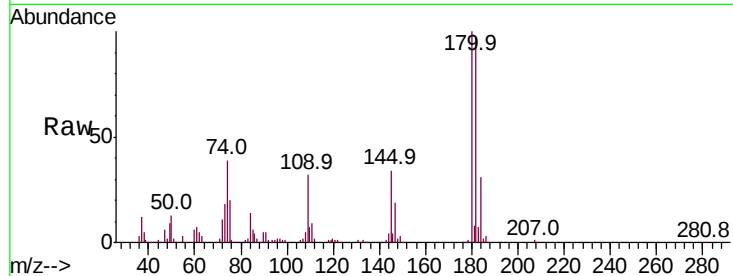




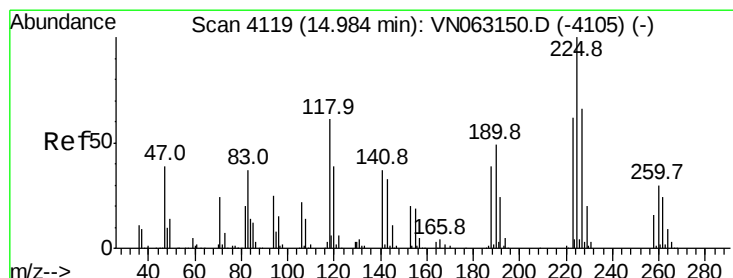
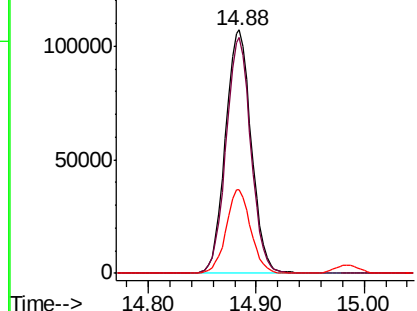
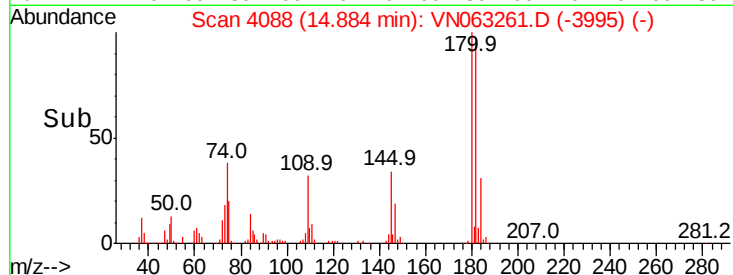
#93
 1,2,4-Trichlorobenzene
 Concen: 44.869 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063261.D
 Acq: 5 Sep 2020 1:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 178787
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.5 142.5
 145 32.8 16.6 49.8

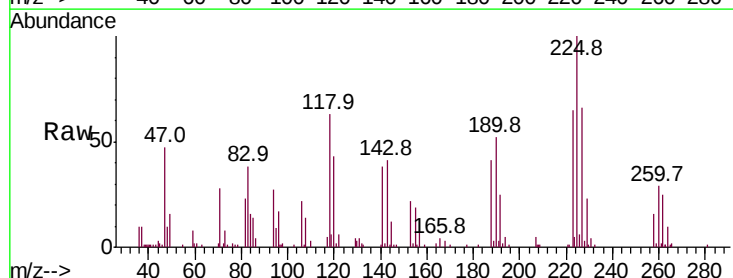


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

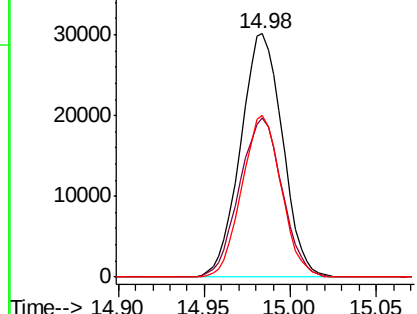
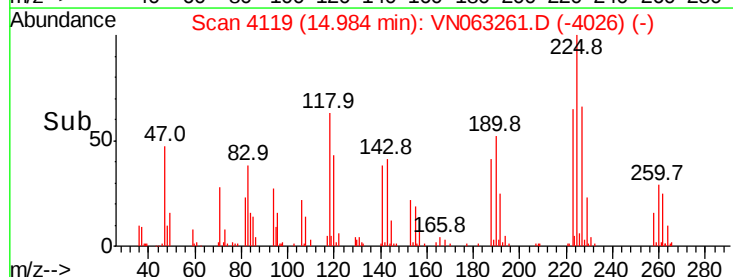


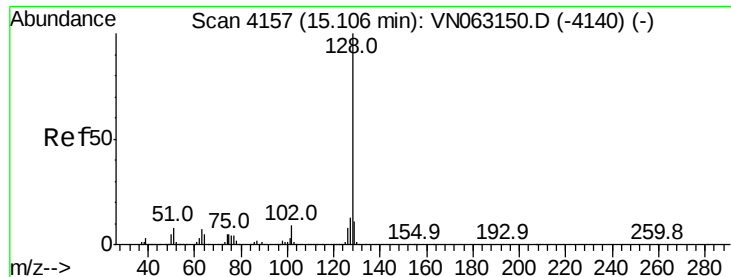
#94
 Hexachlorobutadiene
 Concen: 34.268 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063261.D
 Acq: 5 Sep 2020 1:09

Tgt Ion:225 Resp: 51009
 Ion Ratio Lower Upper
 225 100
 223 66.5 30.9 92.7
 227 62.4 32.9 98.7



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





#95

Naphthalene

Concen: 57.074 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

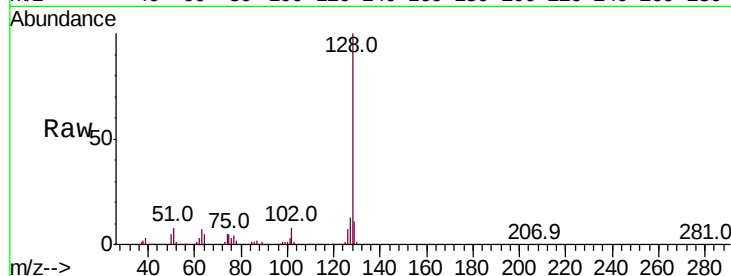
Tot Ion:128 Resp: 758751

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

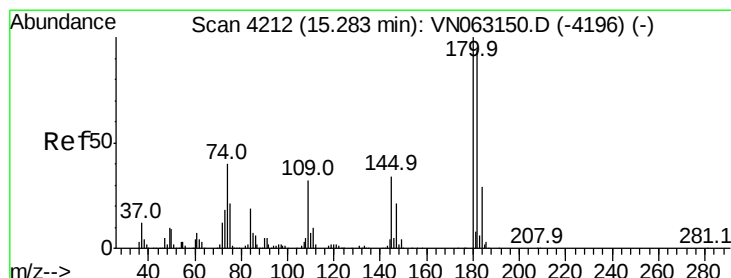
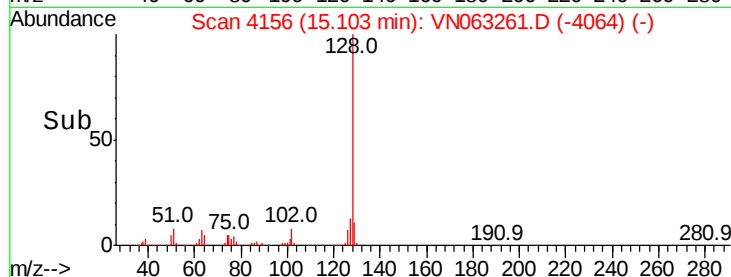
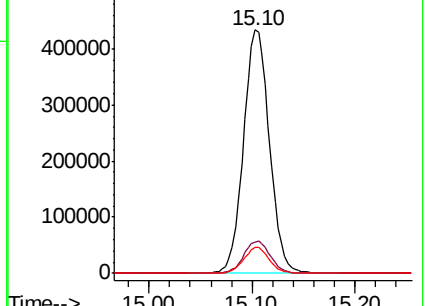
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.816 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063261.D

Acq: 5 Sep 2020 1:09

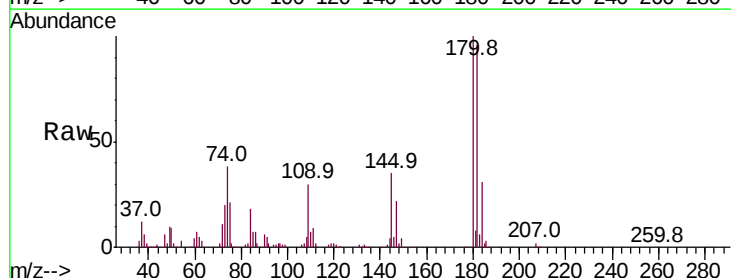
Tgt Ion:180 Resp: 173981

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.5

145 33.8 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

