

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063152.D
 Acq On : 31 Aug 2020 14:59
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Sep 01 02:50:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 02:43:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	479588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	914135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	842551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	414768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	1205116	173.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	346.32%	
35) Dibromofluoromethane	7.55	113	931579	126.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	252.02%	
50) Toluene-d8	10.06	98	3472934	128.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	257.40%	
62) 4-Bromofluorobenzene	12.38	95	1270249	136.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	272.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	696277	134.118	ug/l	98
3) Chloromethane	2.03	50	915782	136.673	ug/l	99
4) Vinyl Chloride	2.17	62	1101240	152.349	ug/l	99
5) Bromomethane	2.52	94	971682	195.382	ug/l	97
6) Chloroethane	2.67	64	869667	174.578	ug/l	98
7) Trichlorofluoromethane	2.98	101	1427376	142.165	ug/l	96
8) Diethyl Ether	3.37	74	537312	156.461	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	764210	128.802	ug/l	99
10) Methyl Iodide	3.91	142	1090185	138.300	ug/l	100
11) Tert butyl alcohol	4.73	59	718536	1213.774	ug/l	100
12) 1,1-Dichloroethene	3.70	96	773938	145.516	ug/l	98
13) Acrolein	3.57	56	280576	898.692	ug/l	98
14) Allyl chloride	4.28	41	1478012	171.524	ug/l	99
15) Acrylonitrile	4.93	53	2029099	923.082	ug/l	99
16) Acetone	3.78	43	1639520	884.685	ug/l	99
17) Carbon Disulfide	4.01	76	2323961	145.939	ug/l	99
18) Methyl Acetate	4.27	43	885470	133.906	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	3003179	195.350	ug/l	99
20) Methylene Chloride	4.50	84	928869	139.867	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	920484	161.860	ug/l	97
22) Diisopropyl ether	5.90	45	3220817	182.955	ug/l	94
23) Vinyl Acetate	5.84	43	11842635	920.244	ug/l #	89
24) 1,1-Dichloroethane	5.80	63	1749116	157.364	ug/l	99
25) 2-Butanone	6.78	43	2741948	1020.702	ug/l	99
26) 2,2-Dichloropropane	6.78	77	1534677	173.656	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	1069752	170.012	ug/l	99
28) Bromochloromethane	7.15	49	899368	175.600	ug/l	97
29) Tetrahydrofuran	7.16	42	1854491	1084.586	ug/l	98
30) Chloroform	7.33	83	1830122	160.194	ug/l	97
31) Cyclohexane	7.61	56	1472598	141.769	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	1621667	163.285	ug/l	99
36) 1,1-Dichloropropene	7.75	75	1346302	134.752	ug/l	99
37) Ethyl Acetate	6.88	43	1236663	170.359	ug/l #	95
38) Carbon Tetrachloride	7.74	117	1390686	129.796	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1451152	138.840	ug/l	99
40) Benzene	8.00	78	3886582	127.526	ug/l	100
41) Methacrylonitrile	7.13	41	554827	153.716	ug/l	91
42) 1,2-Dichloroethane	8.08	62	1482109	143.845	ug/l	100
43) Isopropyl Acetate	8.13	43	2230110	175.493	ug/l	99
44) Trichloroethene	8.80	130	956972	120.889	ug/l	97
45) 1,2-Dichloropropane	9.08	63	1015408	123.789	ug/l	96
46) Dibromomethane	9.17	93	696879	135.307	ug/l	98
47) Bromodichloromethane	9.37	83	1489749	139.259	ug/l	99
48) Methyl methacrylate	9.16	41	1039896	165.736	ug/l	97
49) 1,4-Dioxane	9.17	88	285107	3199.801	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	5443923	769.573	ug/l	90
52) Toluene	10.13	92	2496564	137.671	ug/l	93
53) t-1,3-Dichloropropene	10.35	75	1681626	156.126	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1774417	151.461	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	942745	125.326	ug/l	99
56) Ethyl methacrylate	10.40	69	1511351	168.142	ug/l	98
57) 1,3-Dichloropropane	10.68	76	1675082	139.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	3701865	888.351	ug/l	97
59) 2-Hexanone	10.72	43	4182039	871.159	ug/l	95
60) Dibromochloromethane	10.87	129	1099827	133.825	ug/l	99
61) 1,2-Dibromoethane	10.98	107	1013777	142.985	ug/l	98
64) Tetrachloroethene	10.60	164	821280	111.338	ug/l	99
65) Chlorobenzene	11.41	112	2563146	123.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	1010798	125.669	ug/l	100
67) Ethyl Benzene	11.49	91	4418218	130.072	ug/l	90
68) m/p-Xylenes	11.59	106	3594732	282.364	ug/l	79
69) o-Xylene	11.92	106	1734546	141.404	ug/l	94
70) Styrene	11.94	104	3073912	153.944	ug/l	100
71) Bromoform	12.10	173	722439	127.886	ug/l #	99
73) Isopropylbenzene	12.23	105	4337451	135.553	ug/l	95
74) N-amyl acetate	12.05	43	2058324	198.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	1347179	139.518	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1838909	229.355	ug/l #	100
77) Bromobenzene	12.50	156	1044559	121.520	ug/l	98
78) n-propylbenzene	12.57	91	4855223	133.196	ug/l	93
79) 2-Chlorotoluene	12.65	91	3118399	139.772	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	3756734	146.549	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.28	75	520049	194.080	ug/l	96
82) 4-Chlorotoluene	12.75	91	3326217	148.067	ug/l	98
83) tert-Butylbenzene	12.97	119	3218001	143.551	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	3770545	145.638	ug/l	95
85) sec-Butylbenzene	13.15	105	4109113	138.409	ug/l	96
86) p-Isopropyltoluene	13.27	119	3815402	149.848	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	2013526	133.478	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	2027903	133.142	ug/l	99
89) n-Butylbenzene	13.59	91	3481131	162.472	ug/l	96
90) Hexachloroethane	13.85	117	740388	130.952	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	1971920	132.858	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	285692	179.471	ug/l	99

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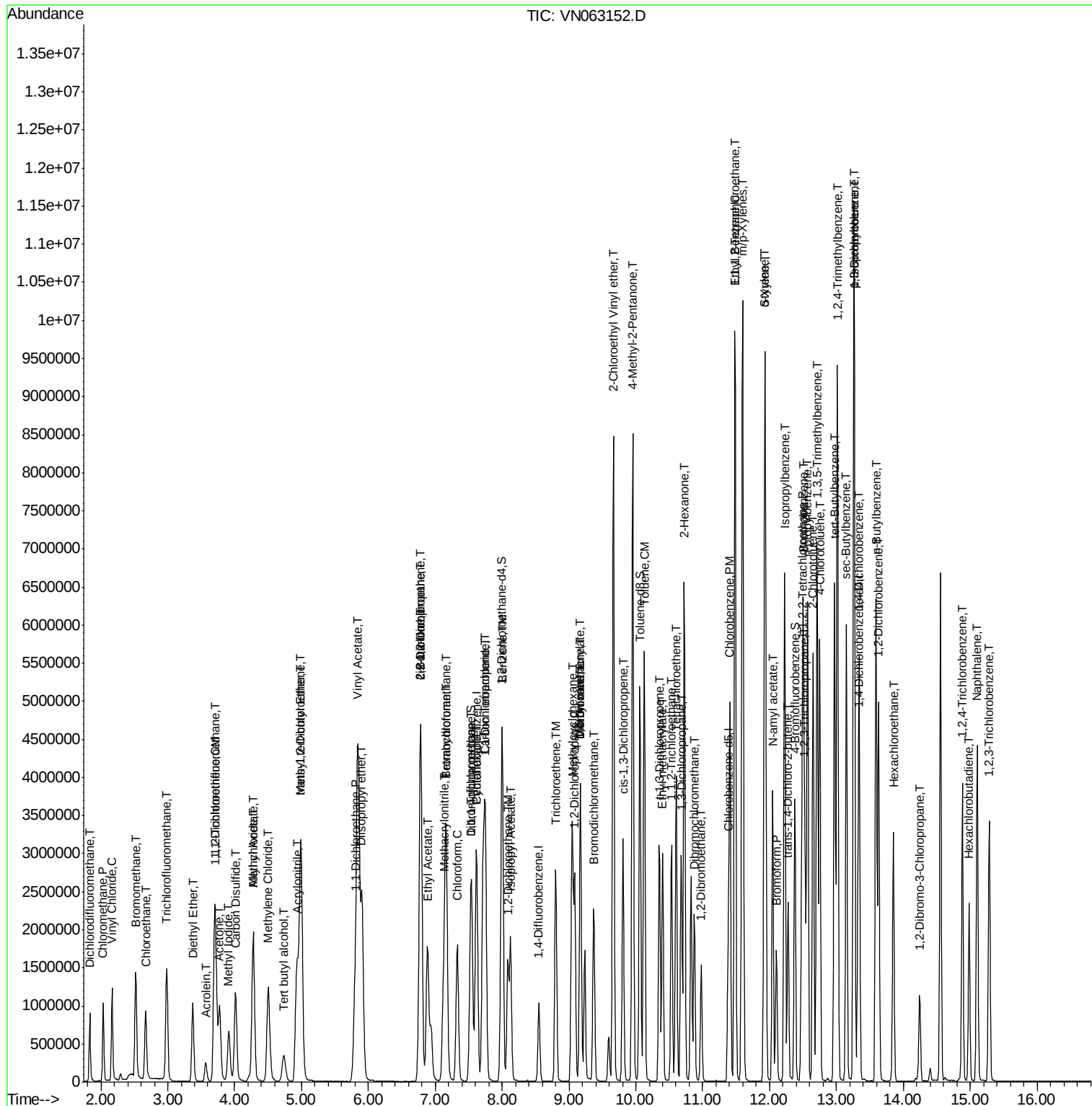
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	1078744	156.879	ug/l	100
94) Hexachlorobutadiene	14.98	225	356438	77.012	ug/l	98
95) Naphthalene	15.11	128	3625794	216.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	1027530	144.459	ug/l	99

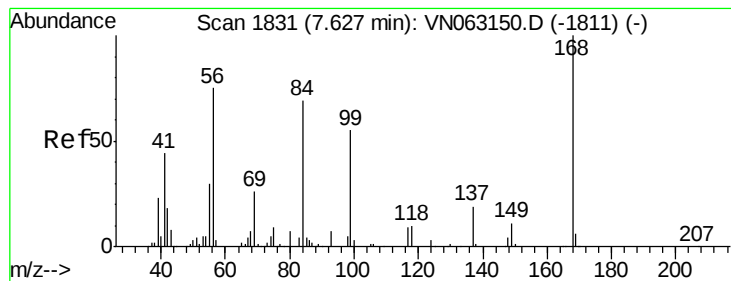
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN083120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

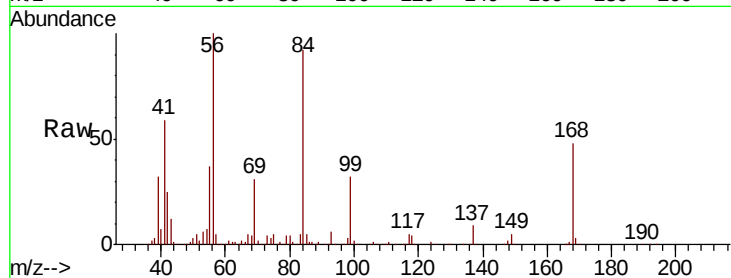
VSTDIC150

Tot Ion:168 Resp: 479588

Ion Ratio Lower Upper

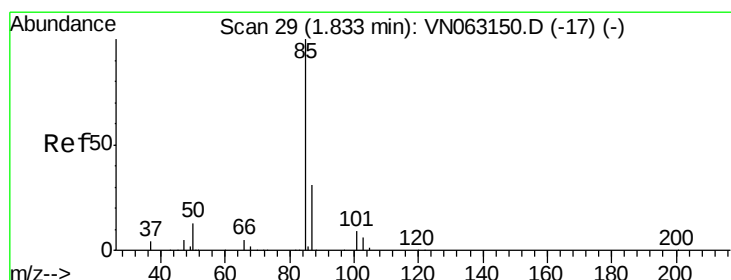
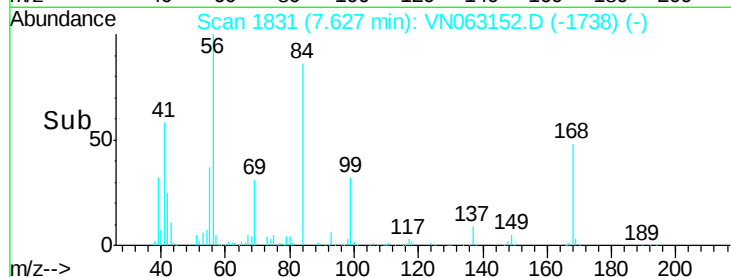
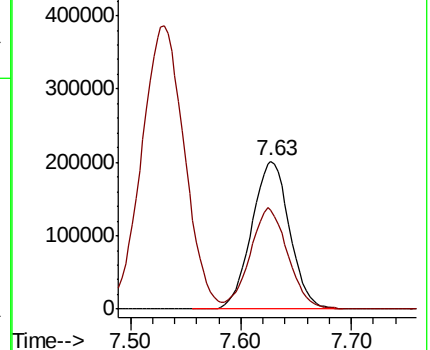
168 100

99 66.5 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 134.118 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063152.D

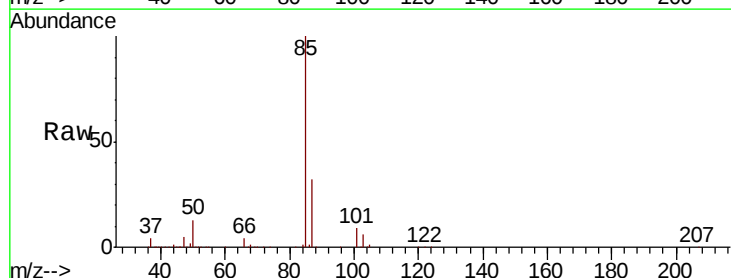
Acq: 31 Aug 2020 14:59

Tgt Ion: 85 Resp: 696277

Ion Ratio Lower Upper

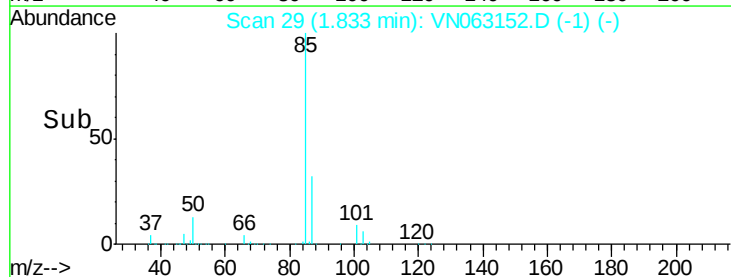
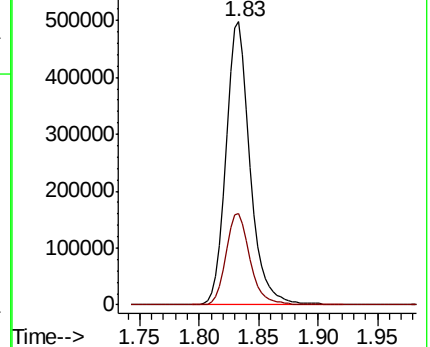
85 100

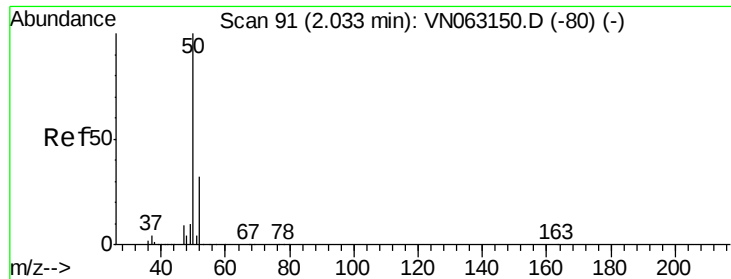
87 32.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 136.673 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

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ClientSampleId :

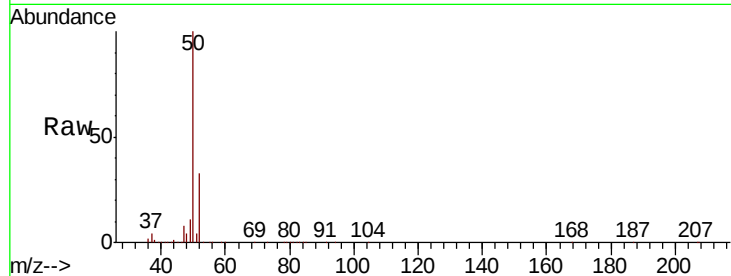
VSTDIC150

Tot Ion: 50 Resp: 915782

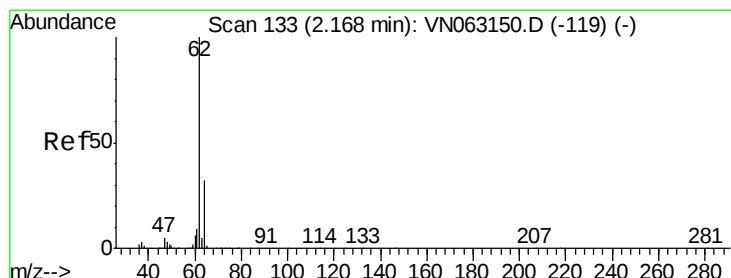
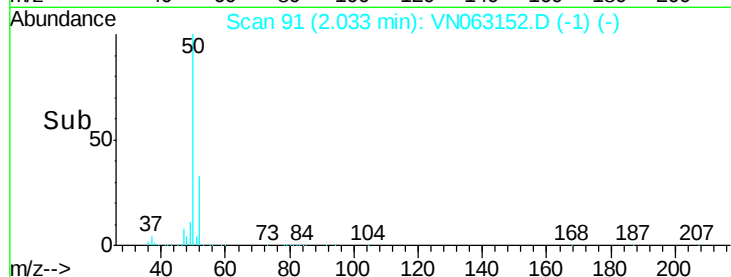
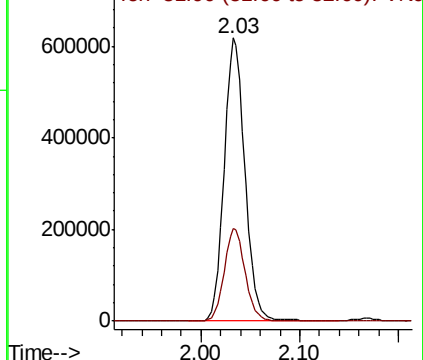
Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 152.349 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063152.D

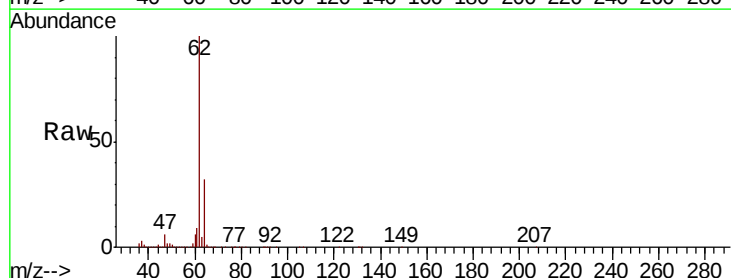
Acq: 31 Aug 2020 14:59

Tgt Ion: 62 Resp: 1101240

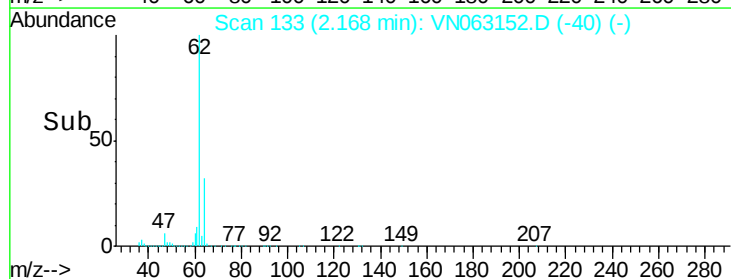
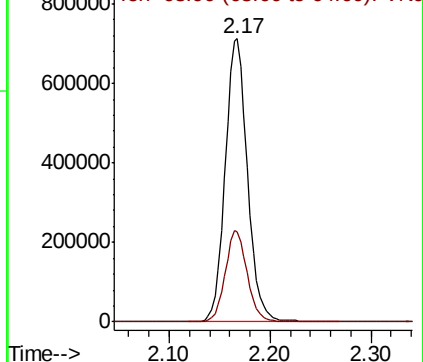
Ion Ratio Lower Upper

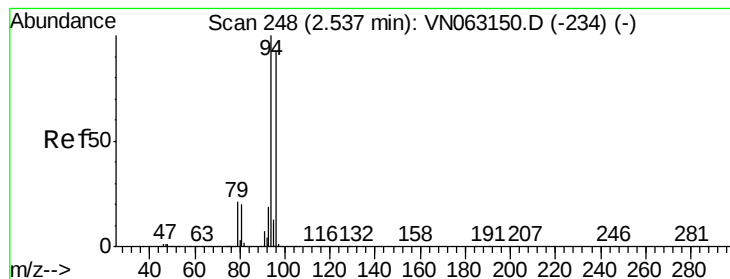
62 100

64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 195.382 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.02 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

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ClientSampleId :

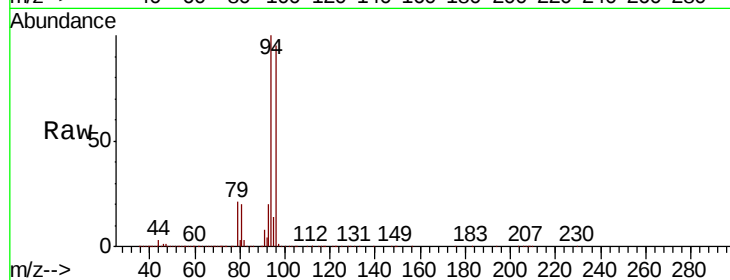
VSTDIC150

Tot Ion: 94 Resp: 971682

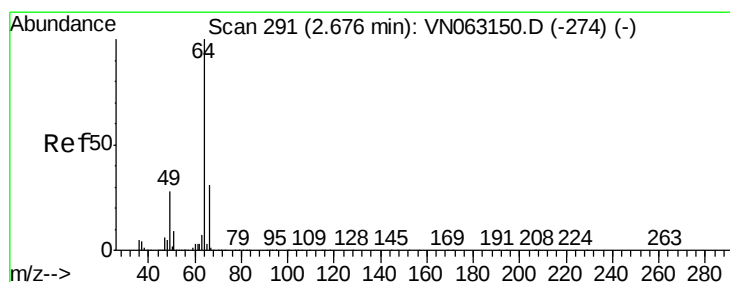
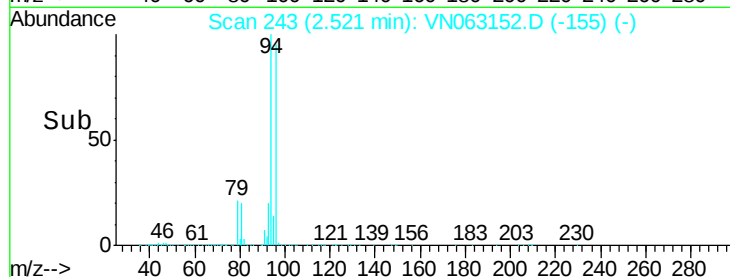
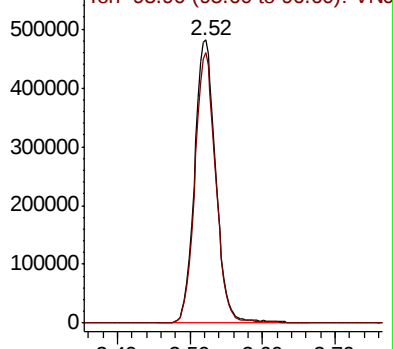
Ion Ratio Lower Upper

94 100

96 95.4 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VN063152.D (-155) (-)



#6

Chloroethane

Concen: 174.578 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN063152.D

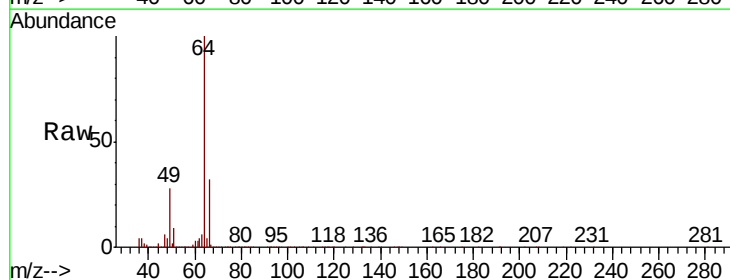
Acq: 31 Aug 2020 14:59

Tgt Ion: 64 Resp: 869667

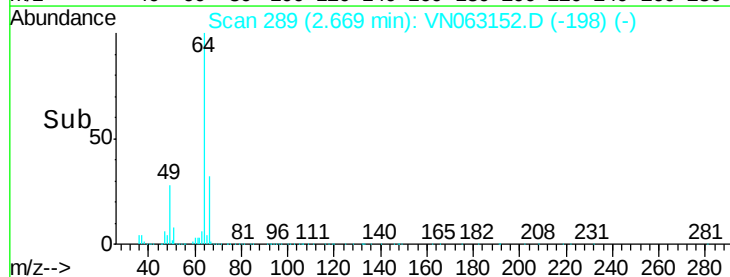
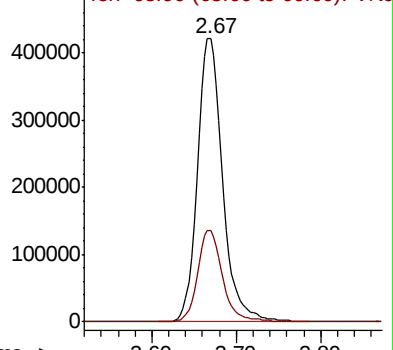
Ion Ratio Lower Upper

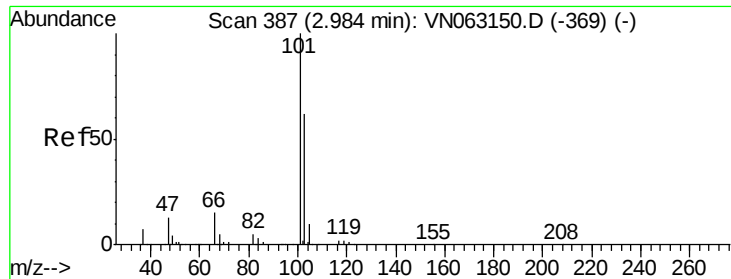
64 100

66 32.0 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN063152.D (-198) (-)



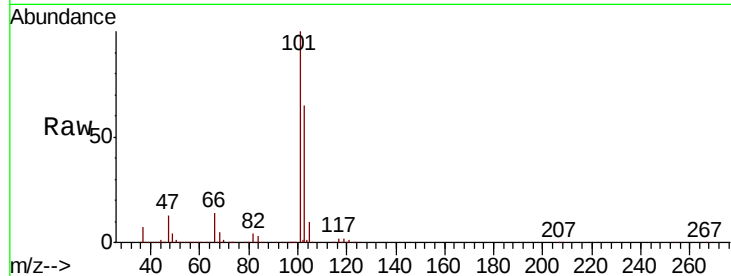


#7

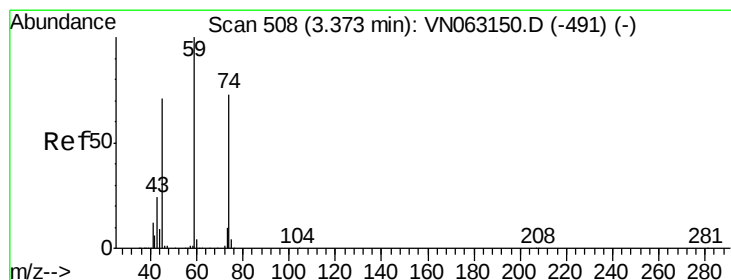
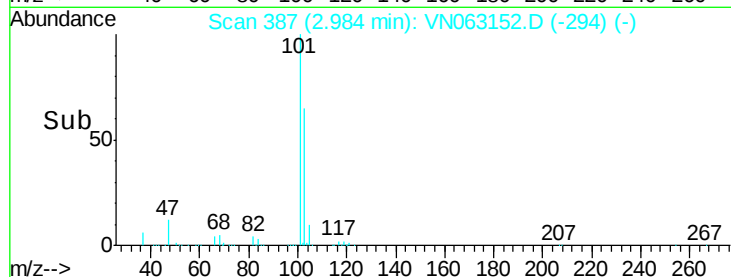
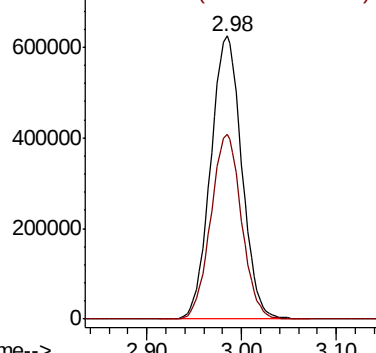
Trichlorofluoromethane
Concen: 142.165 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Instrument :
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Tot Ion:101 Resp: 1427376
Ion Ratio Lower Upper
101 100
103 65.4 49.7 74.5



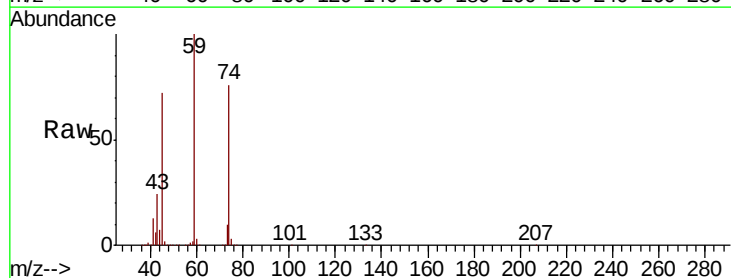
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



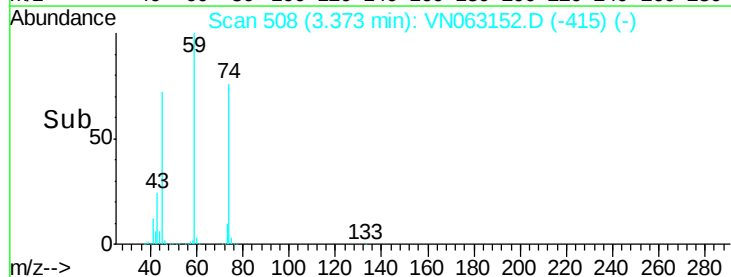
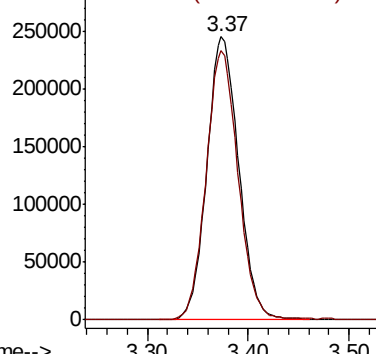
#8

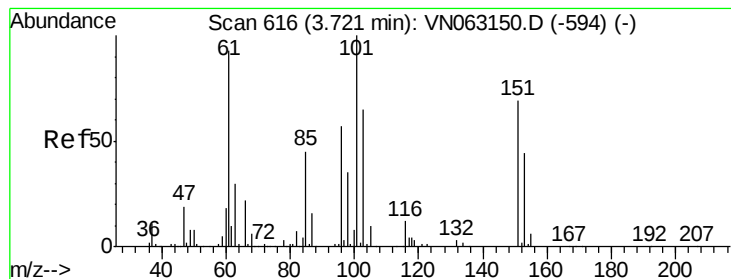
Diethyl Ether
Concen: 156.461 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN063152.D
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Tgt Ion: 74 Resp: 537312
Ion Ratio Lower Upper
74 100
45 95.3 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 128.802 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

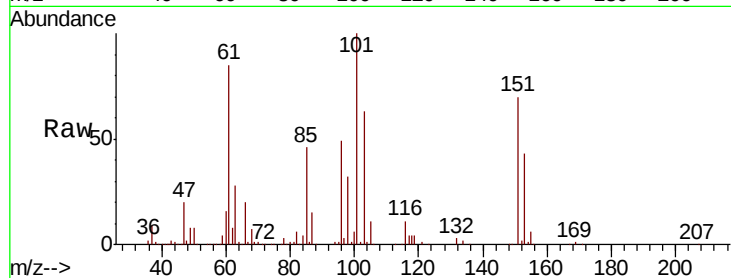
Tot Ion:101 Resp: 764210

Ion Ratio Lower Upper

101 100

85 46.1 37.8 56.8

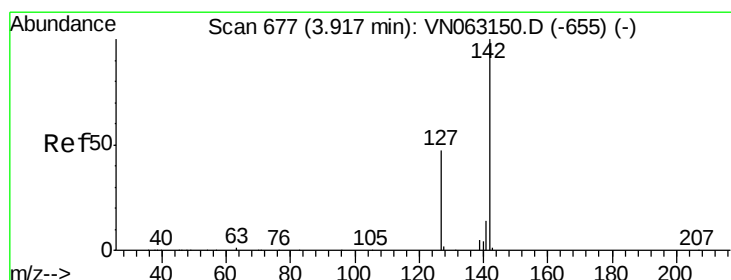
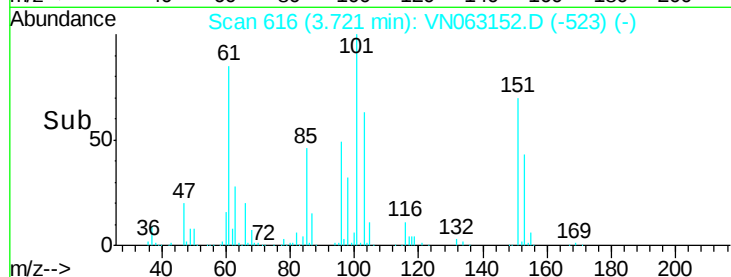
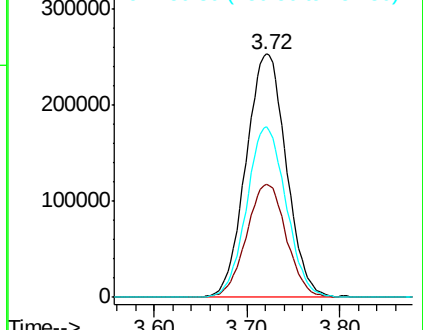
151 68.5 55.0 82.4



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: 138.300 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

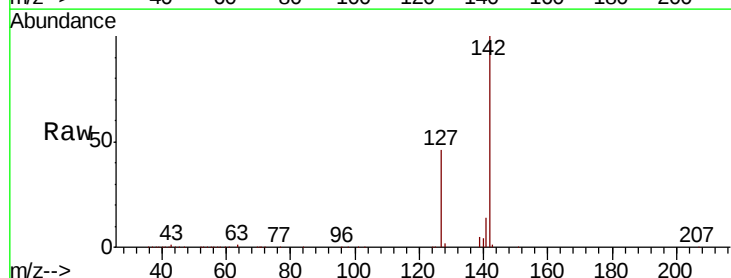
Tgt Ion:142 Resp: 1090185

Ion Ratio Lower Upper

142 100

127 47.2 37.6 56.4

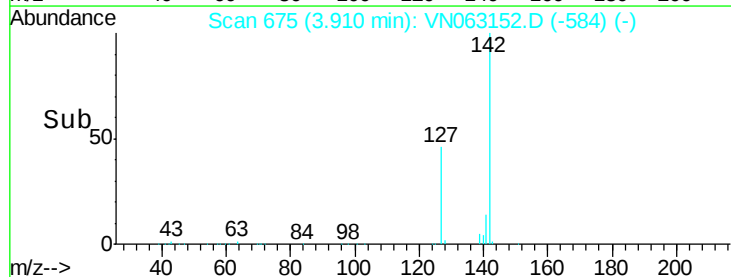
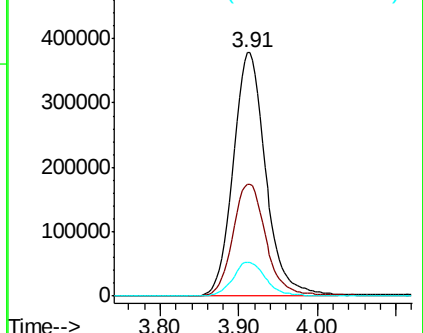
141 14.2 11.3 16.9

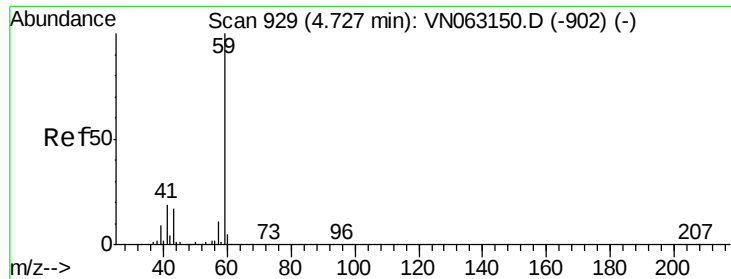


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

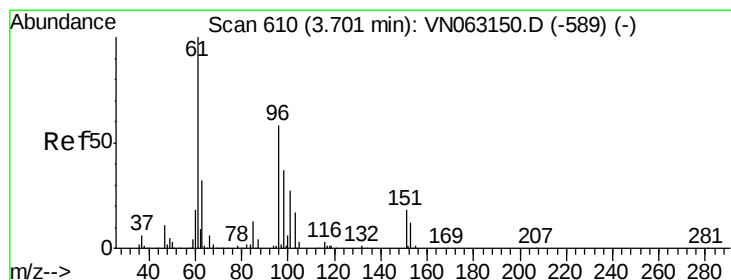
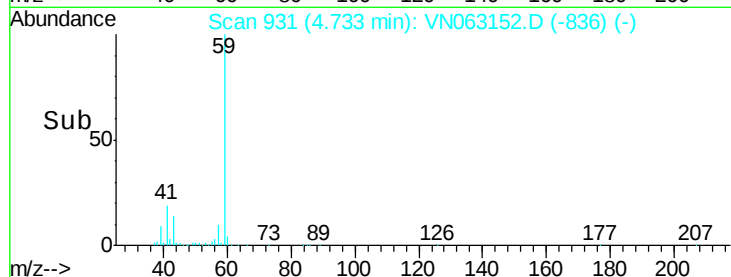
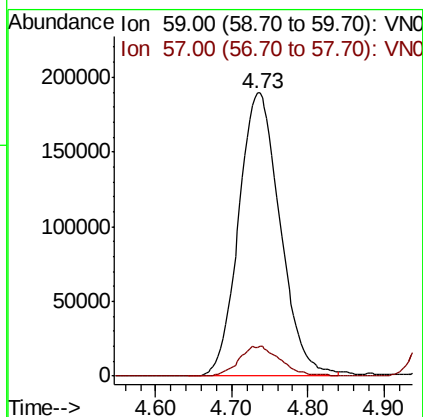
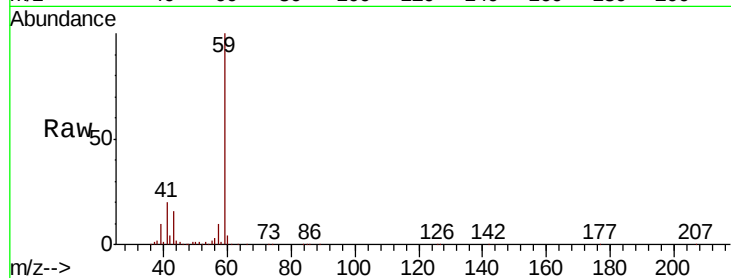




#11
Tert butyl alcohol
Concen: 1213.774 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

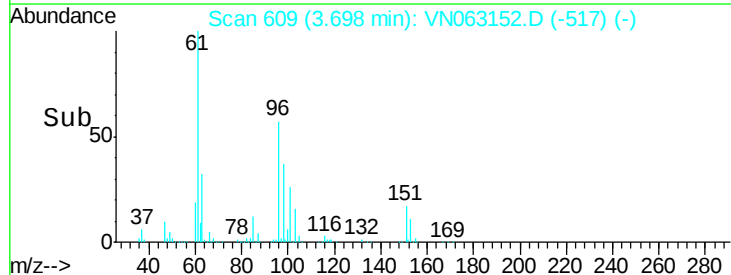
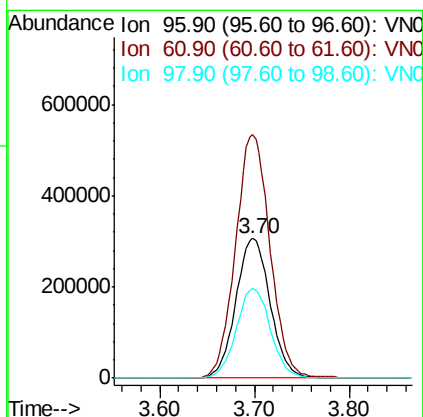
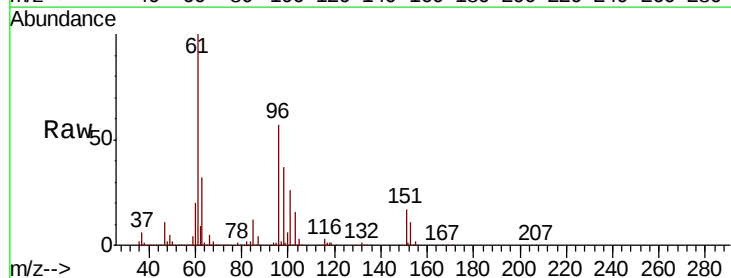
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

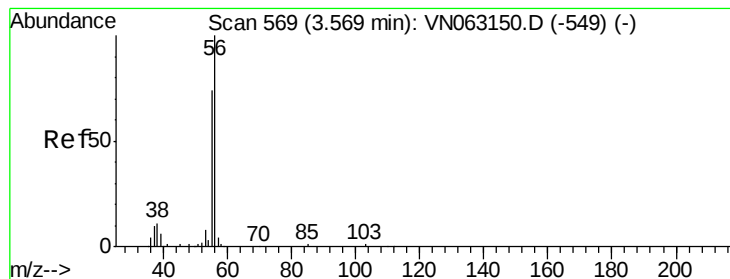
Tot Ion: 59 Resp: 718536
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 145.516 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Tgt Ion: 96 Resp: 773938
Ion Ratio Lower Upper
96 100
61 174.1 137.4 206.2
98 64.0 50.5 75.7





#13

Acrolein

Concen: 898.692 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

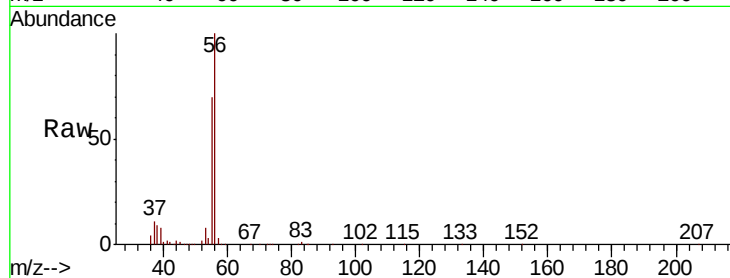
VSTDIC150

Tot Ion: 56 Resp: 280576

Ion Ratio Lower Upper

56 100

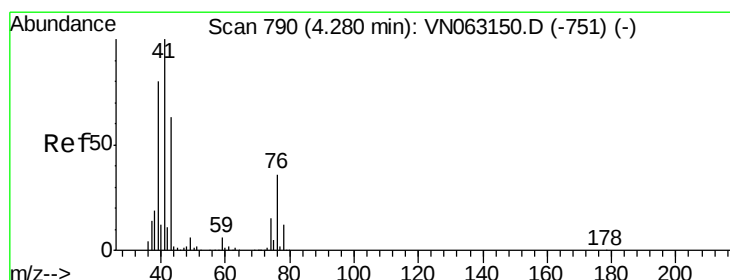
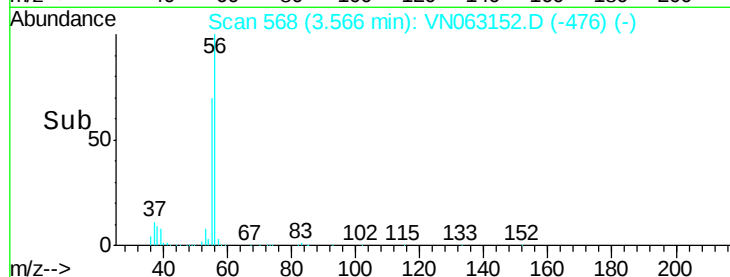
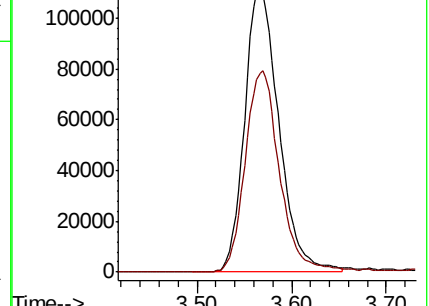
55 70.8 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN063152.D (-549) (-)

Ion 55.00 (54.70 to 55.70): VN063152.D (-549) (-)

3.57



#14

Allyl chloride

Concen: 171.524 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

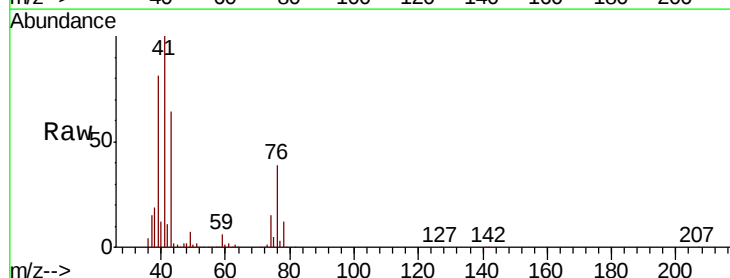
Tgt Ion: 41 Resp: 1478012

Ion Ratio Lower Upper

41 100

39 76.4 60.2 90.2

76 34.9 27.7 41.5

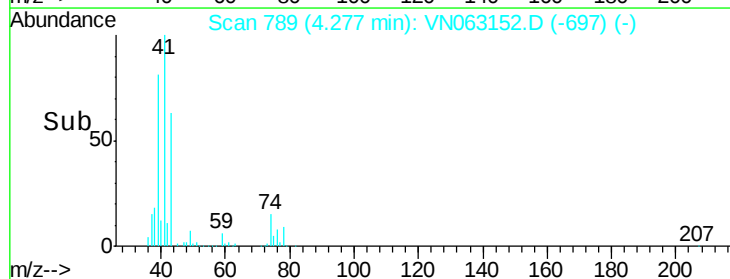
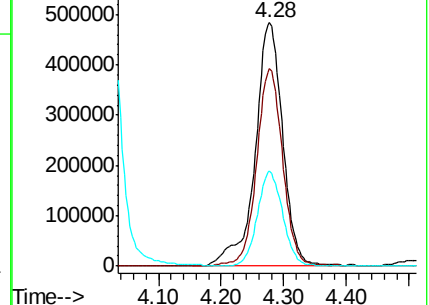


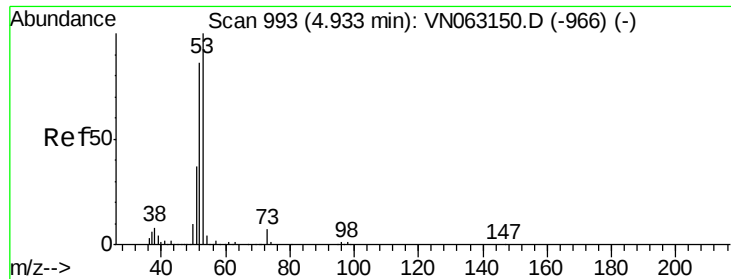
Abundance Ion 41.00 (40.70 to 41.70): VN063152.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN063152.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN063152.D (-697) (-)

4.28





#15

Acrylonitrile

Concen: 923.082 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

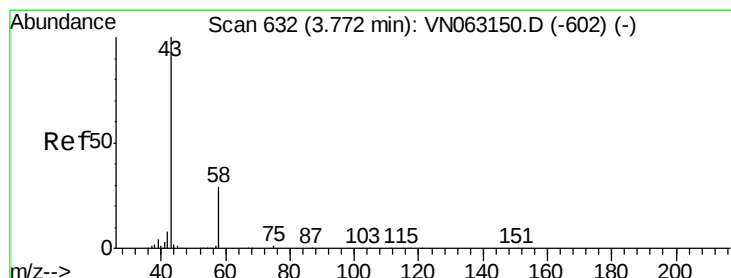
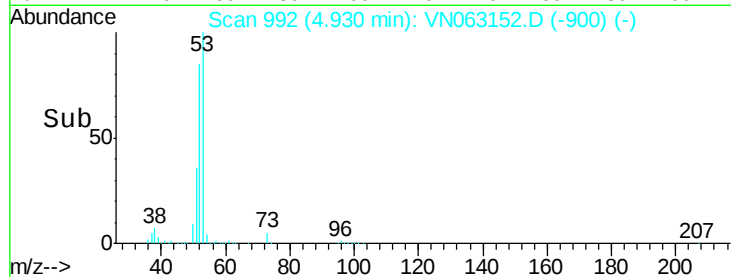
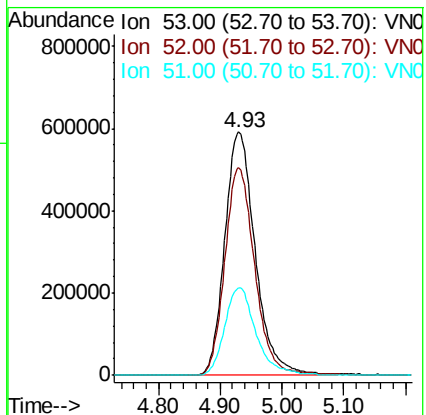
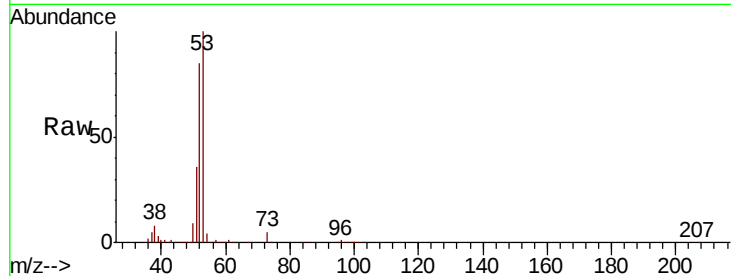
Tot Ion: 53 Resp: 2029099

Ion Ratio Lower Upper

53 100

52 83.7 67.2 100.8

51 37.0 30.2 45.4



#16

Acetone

Concen: 884.685 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063152.D

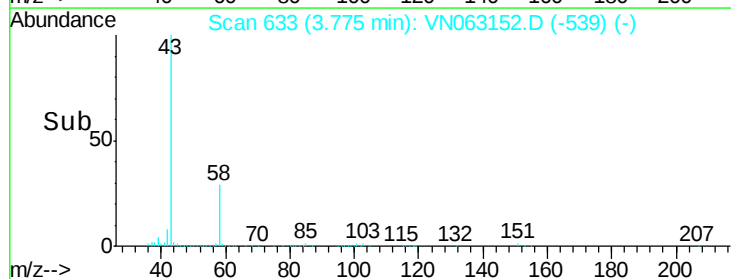
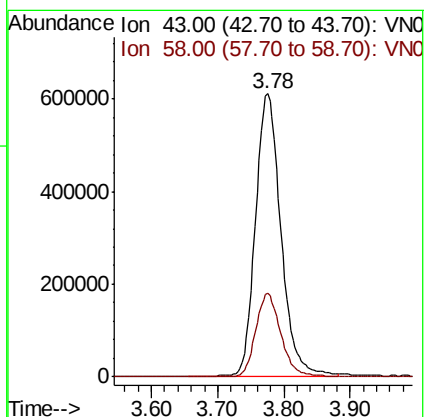
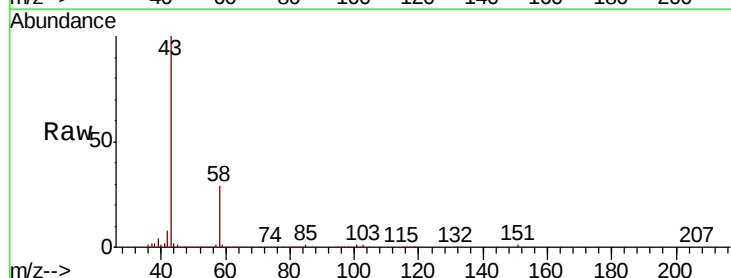
Acq: 31 Aug 2020 14:59

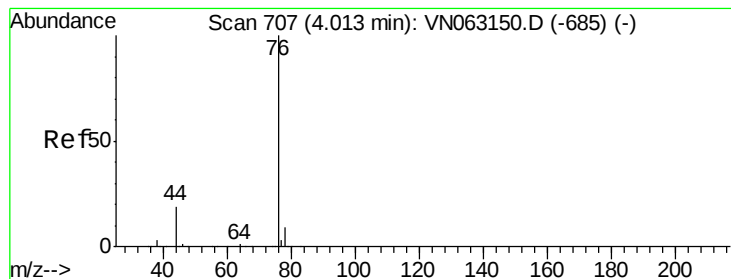
Tgt Ion: 43 Resp: 1639520

Ion Ratio Lower Upper

43 100

58 29.4 23.1 34.7





#17

Carbon Disulfide

Concen: 145.939 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

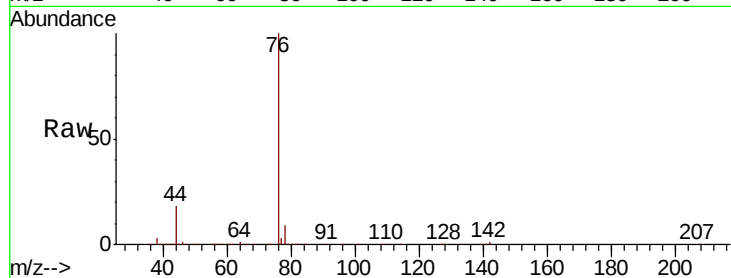
VSTDIC150

Tot Ion: 76 Resp: 2323961

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN063152.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN063152.D (-614) (-)

4.01

800000

600000

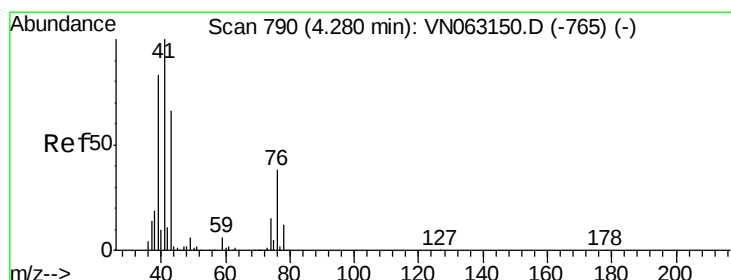
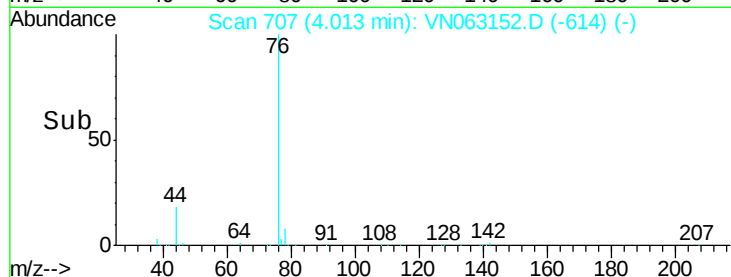
400000

200000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 133.906 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063152.D

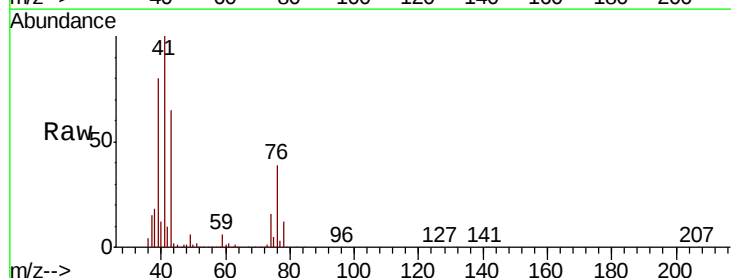
Acq: 31 Aug 2020 14:59

Tgt Ion: 43 Resp: 885470

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN063152.D (-697) (-)

Ion 74.00 (73.70 to 74.70): VN063152.D (-697) (-)

4.27

300000

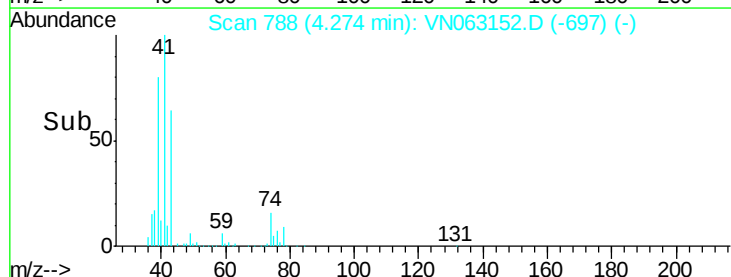
200000

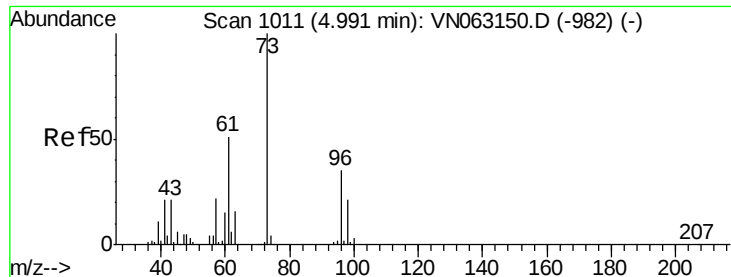
100000

0

Time-->

4.10 4.20 4.30 4.40

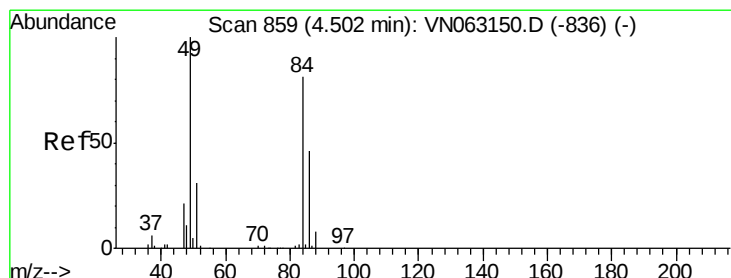
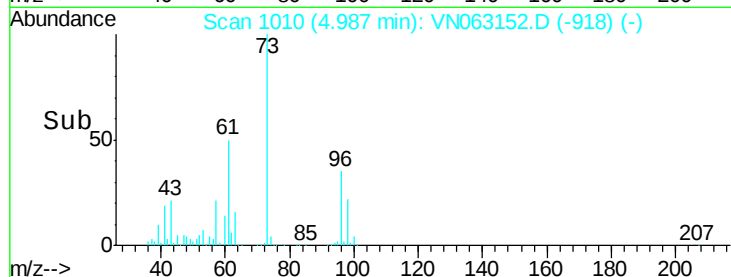
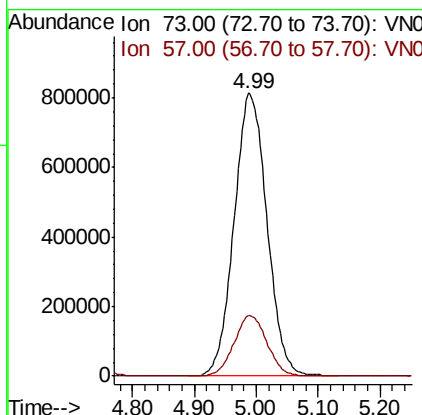
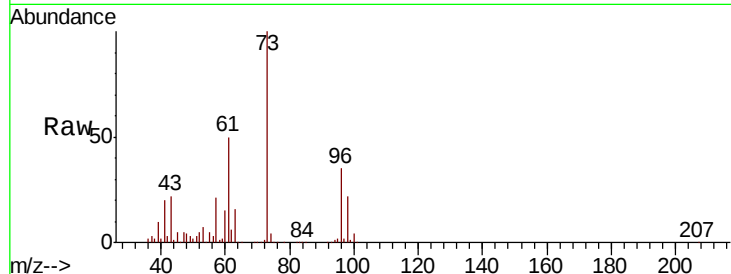




#19
Methvl tert-butvl Ether
Concen: 195.350 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

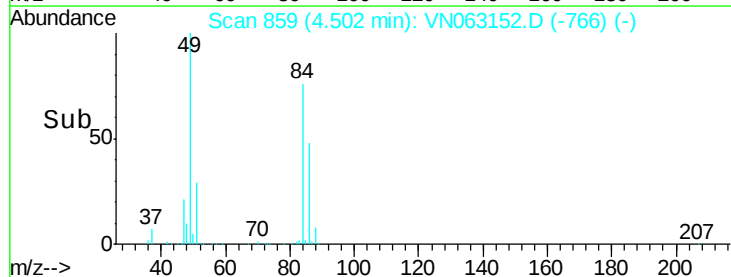
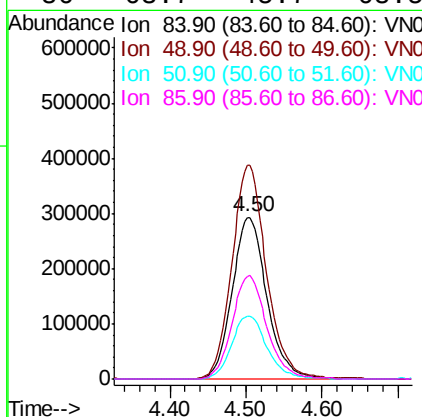
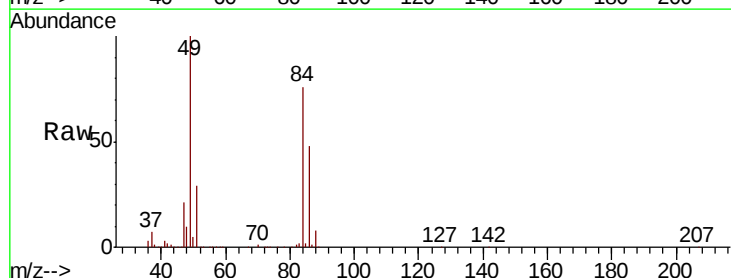
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

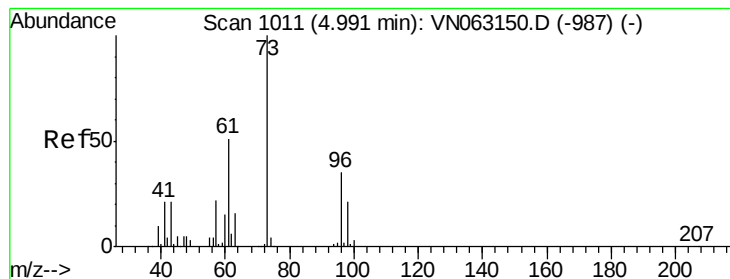
Tot Ion: 73 Resp: 3003179
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4



#20
Methylene Chloride
Concen: 139.867 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Tgt Ion: 84 Resp: 928869
Ion Ratio Lower Upper
84 100
49 131.7 98.4 147.6
51 38.9 30.4 45.6
86 63.7 45.7 68.5



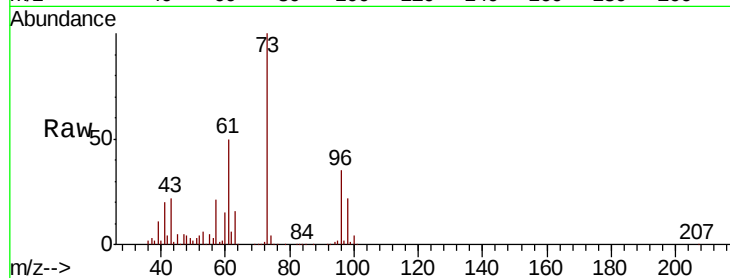


#21

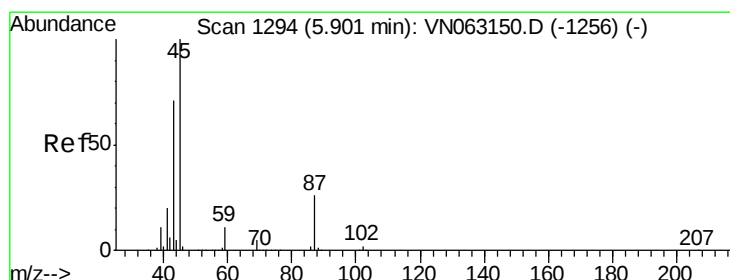
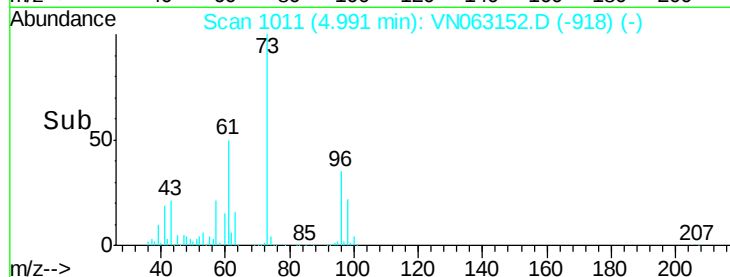
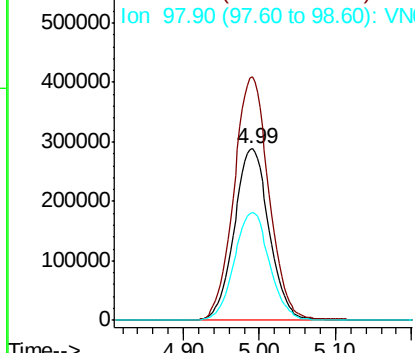
trans-1,2-Dichloroethene
Concen: 161.860 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 96 Resp: 920484
Ion Ratio Lower Upper
96 100
61 142.0 116.2 174.4
98 62.7 48.0 72.0



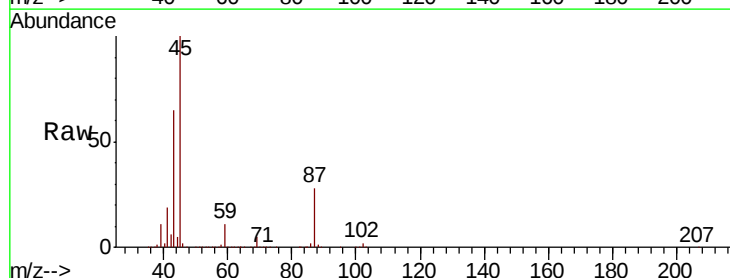
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



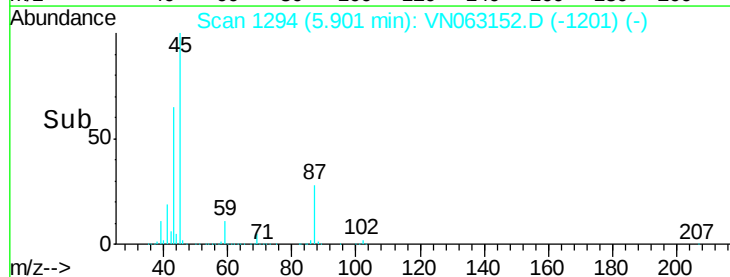
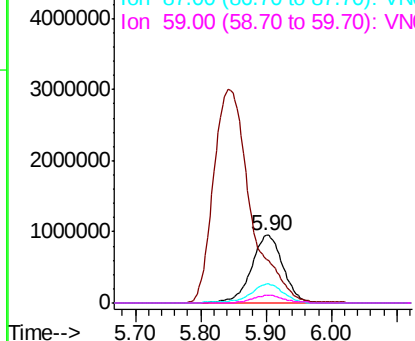
#22

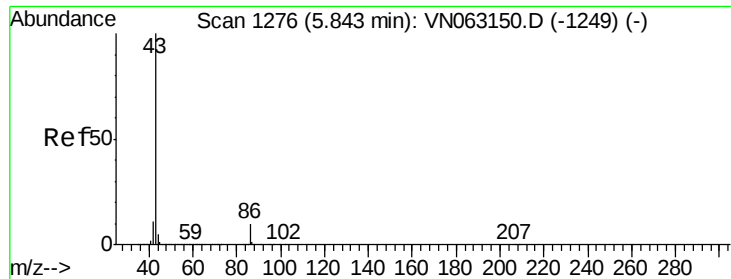
Diisopropyl ether
Concen: 182.955 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Tgt Ion: 45 Resp: 3220817
Ion Ratio Lower Upper
45 100
43 64.3 56.8 85.2
87 28.1 21.1 31.7
59 10.9 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

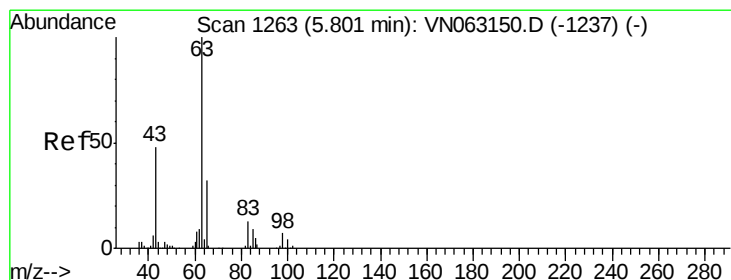
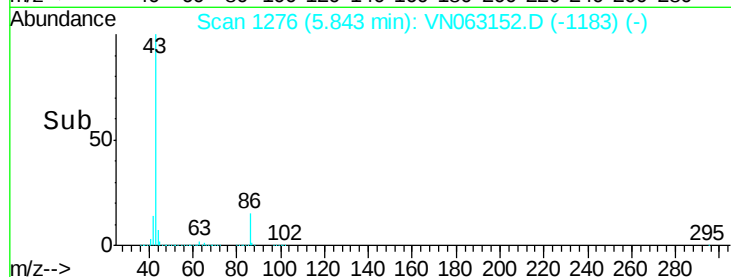
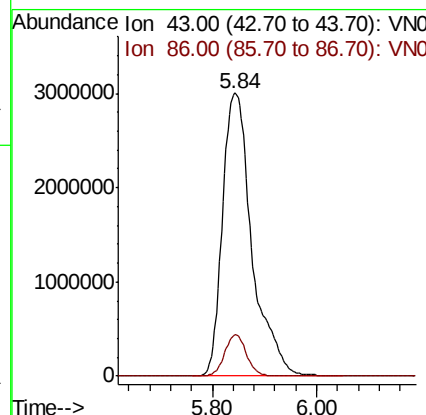
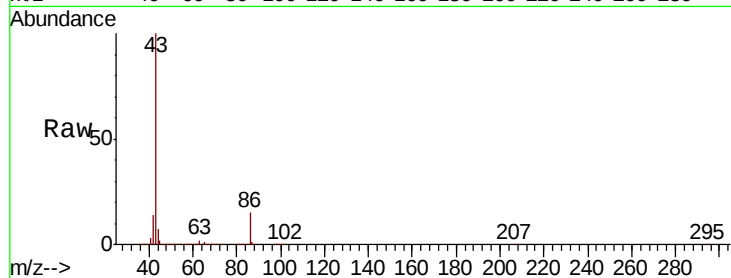




#23
 Vinyl Acetate
 Concen: 920.244 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063152.D
 Acq: 31 Aug 2020 14:59

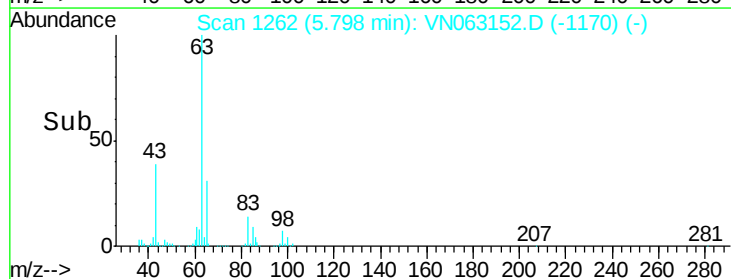
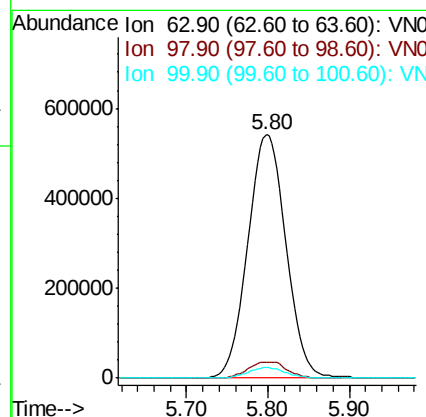
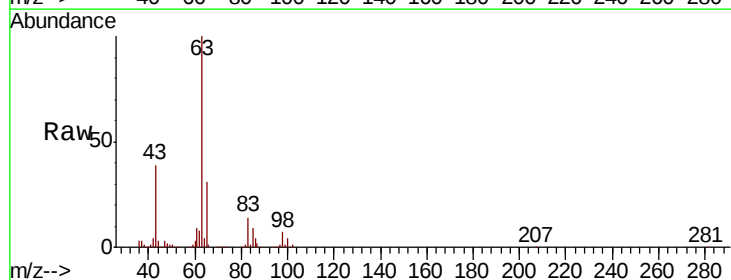
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

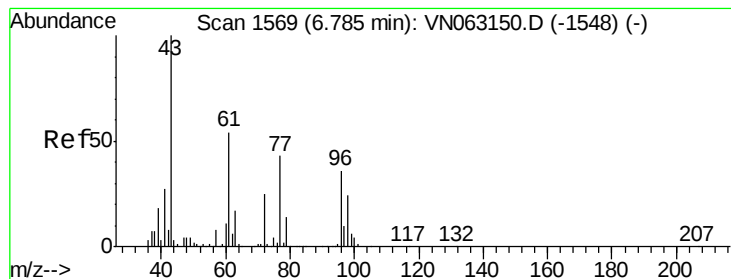
Tot Ion: 43 Resp: 11842635
 Ion Ratio Lower Upper
 43 100
 86 14.6 8.3 12.5#



#24
 1,1-Dichloroethane
 Concen: 157.364 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063152.D
 Acq: 31 Aug 2020 14:59

Tgt Ion: 63 Resp: 1749116
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 1020.702 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampled :

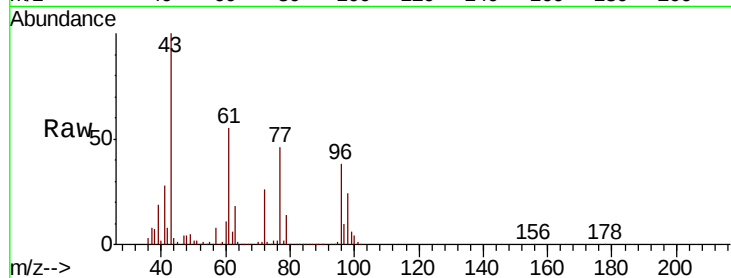
VSTDIC150

Tot Ion: 43 Resp: 2741948

Ion Ratio Lower Upper

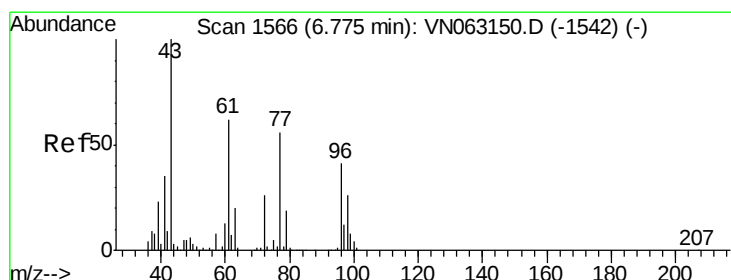
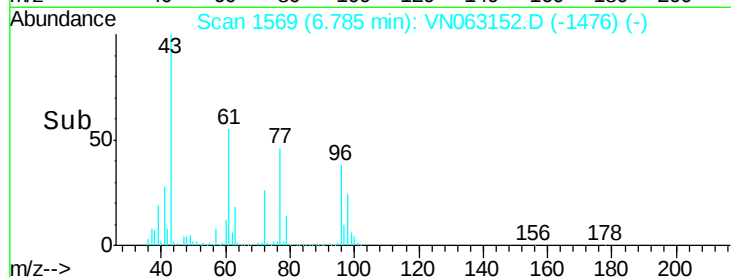
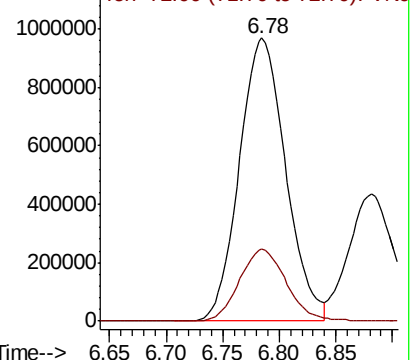
43 100

72 25.6 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 173.656 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063152.D

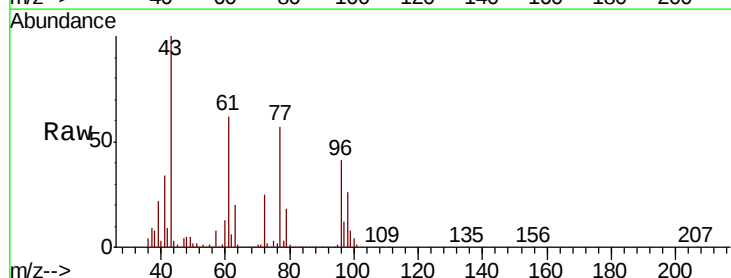
Acq: 31 Aug 2020 14:59

Tgt Ion: 77 Resp: 1534677

Ion Ratio Lower Upper

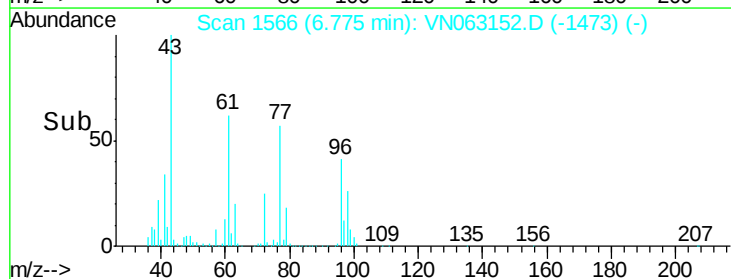
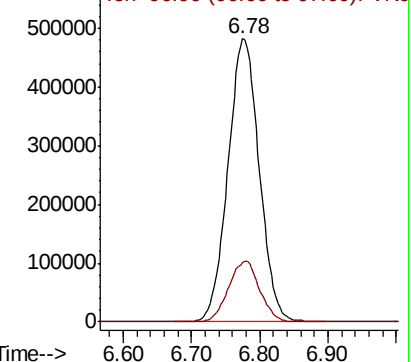
77 100

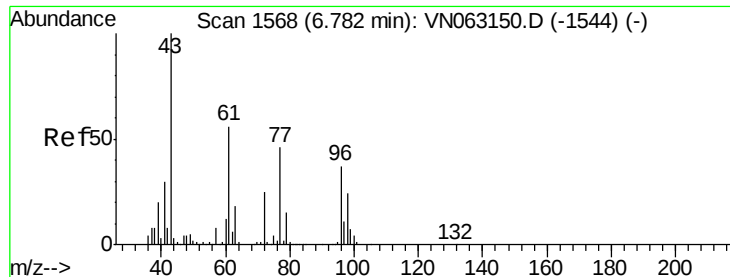
97 21.3 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

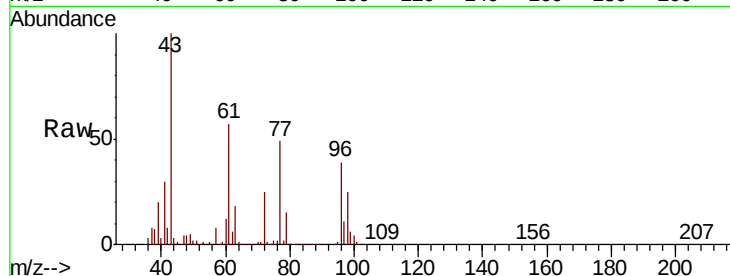




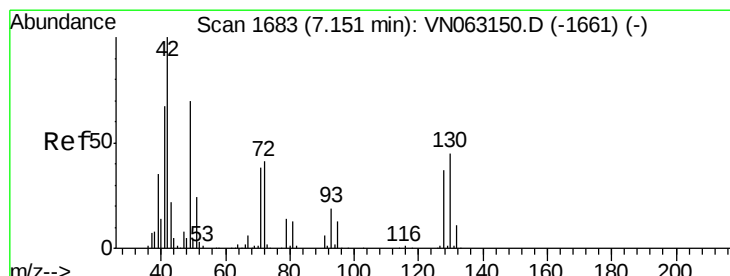
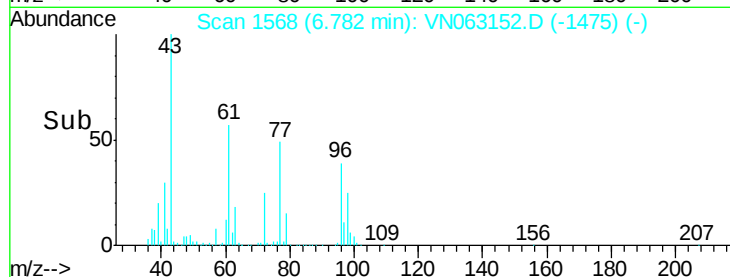
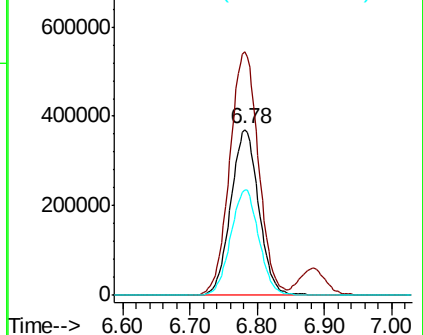
#27
 cis-1,2-Dichloroethene
 Concen: 170.012 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063152.D
 Acq: 31 Aug 2020 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 96 Resp: 1069752
 Ion Ratio Lower Upper
 96 100
 61 150.8 0.0 303.2
 98 64.1 0.0 129.0

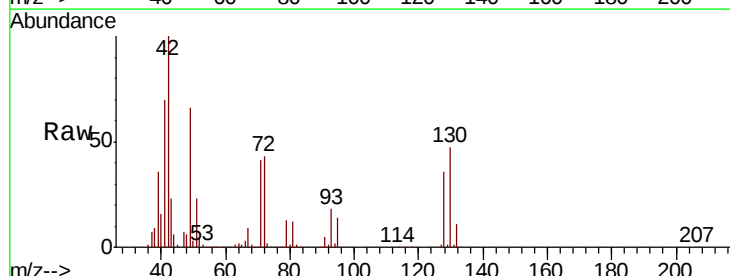


Abundance Ion 95.90 (95.60 to 96.60): VNO
 Ion 60.90 (60.60 to 61.60): VNO
 Ion 97.90 (97.60 to 98.60): VNO

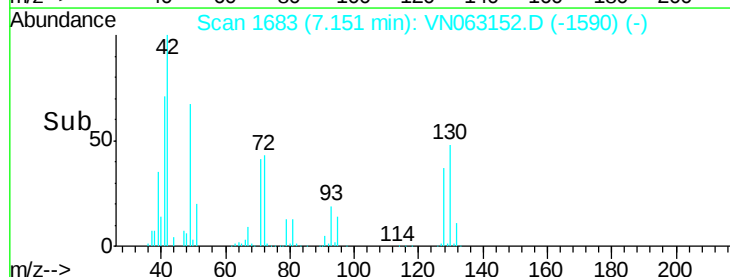
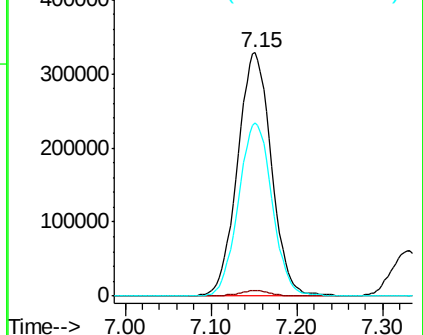


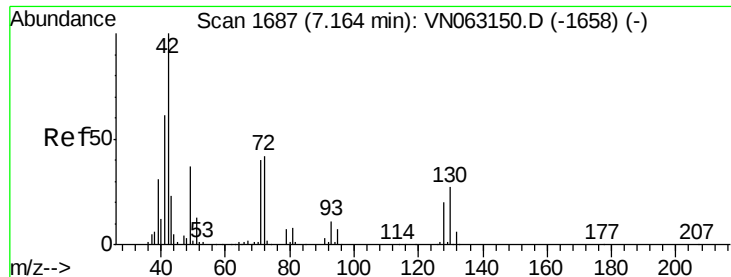
#28
 Bromochloromethane
 Concen: 175.600 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063152.D
 Acq: 31 Aug 2020 14:59

Tgt Ion: 49 Resp: 899368
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 70.9 54.4 81.6



Abundance Ion 48.90 (48.60 to 49.60): VNO
 Ion 128.80 (128.50 to 129.50): VNO
 Ion 129.80 (129.50 to 130.50): VNO





#29

Tetrahydrofuran

Concen: 1084.586 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

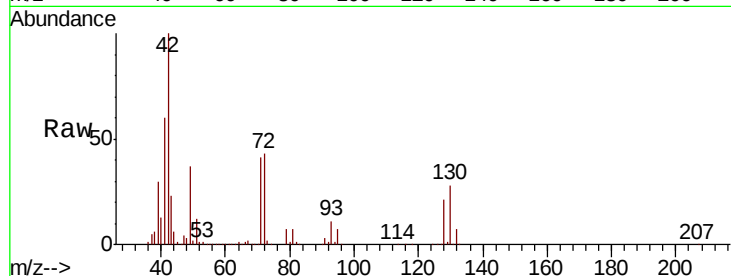
Tot Ion: 42 Resp: 1854491

Ion Ratio Lower Upper

42 100

72 43.5 33.9 50.9

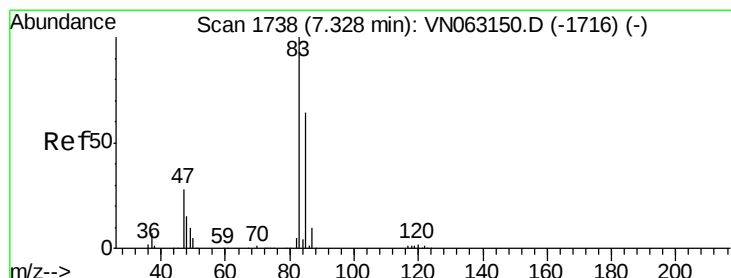
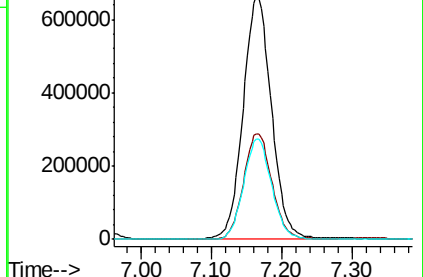
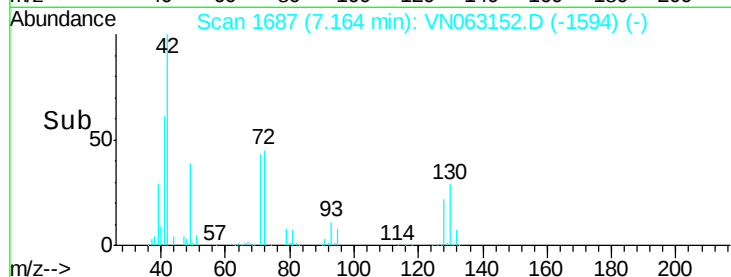
71 40.9 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN063152.D (-1594) (-)

Ion 72.00 (71.70 to 72.70): VN063152.D (-1594) (-)

Ion 71.00 (70.70 to 71.70): VN063152.D (-1594) (-)



#30

Chloroform

Concen: 160.194 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063152.D

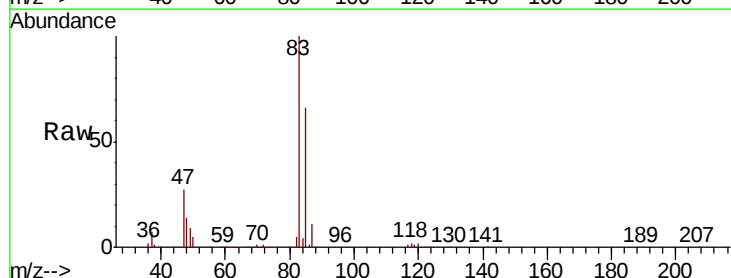
Acq: 31 Aug 2020 14:59

Tgt Ion: 83 Resp: 1830122

Ion Ratio Lower Upper

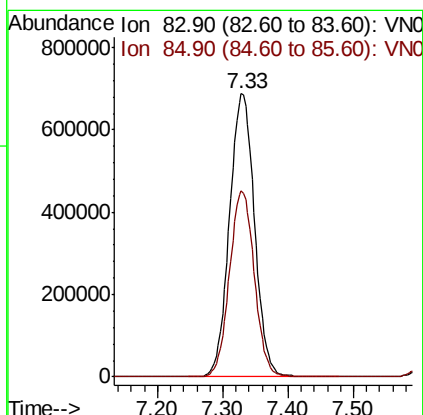
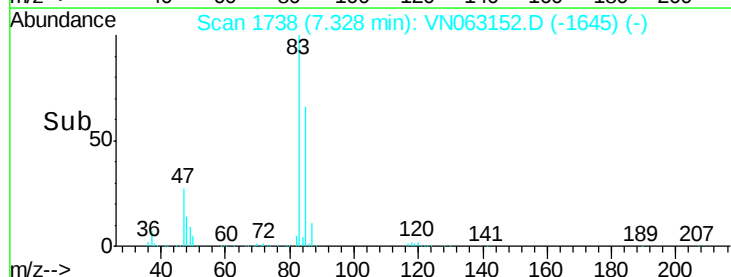
83 100

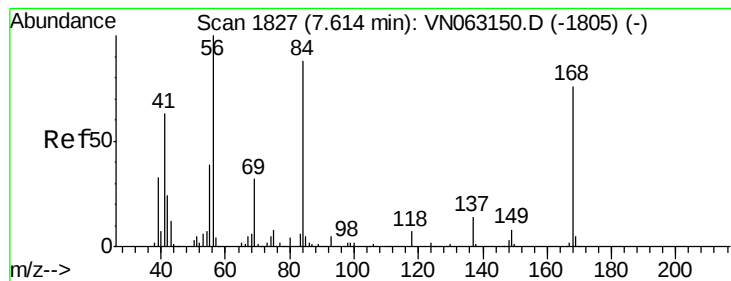
85 65.8 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN063152.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN063152.D (-1645) (-)





#31

Cyclohexane

Concen: 141.769 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

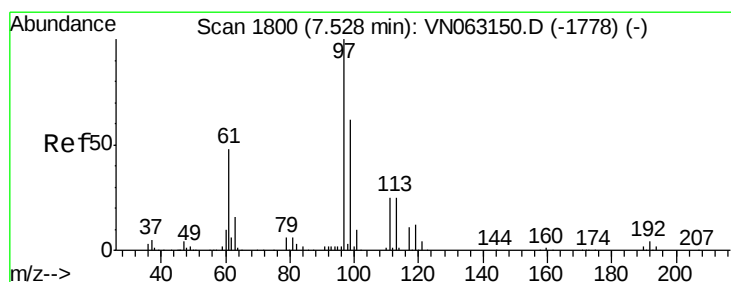
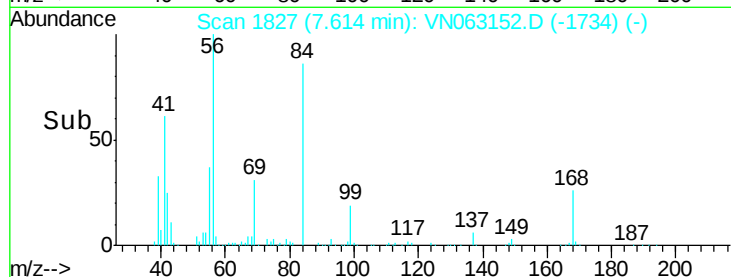
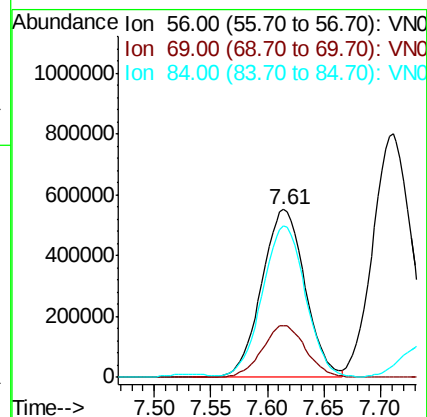
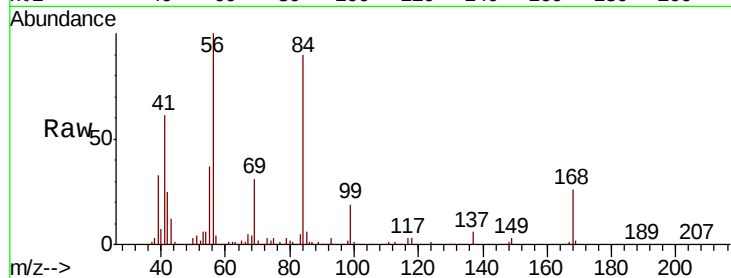
Tot Ion: 56 Resp: 1472598

Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.0

84 88.3 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 163.285 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

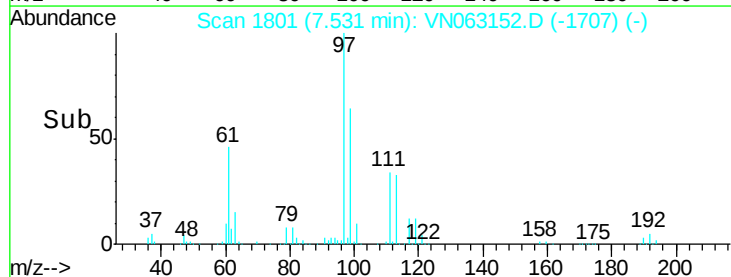
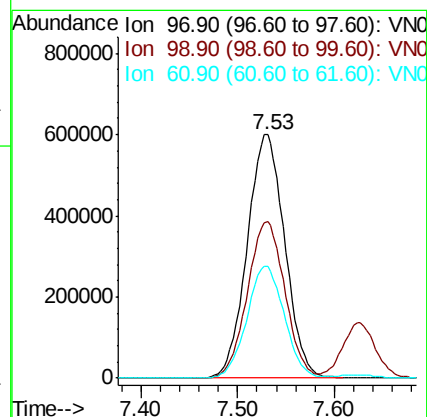
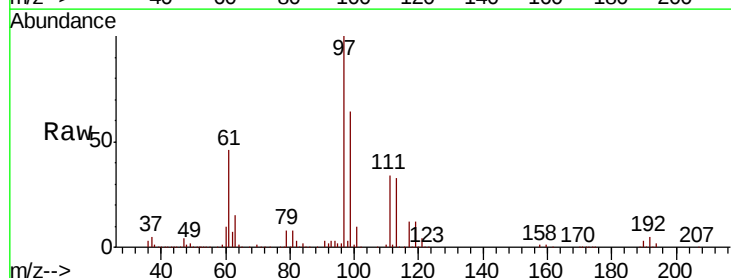
Tgt Ion: 97 Resp: 1621667

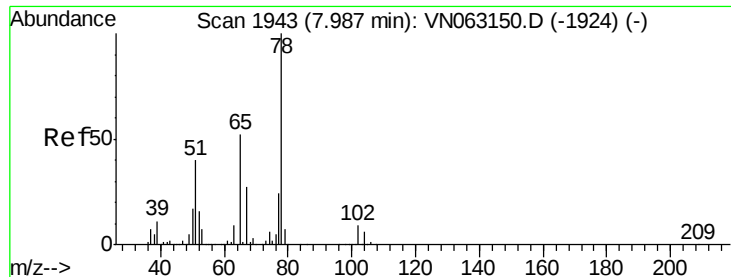
Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 45.7 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 173.157 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

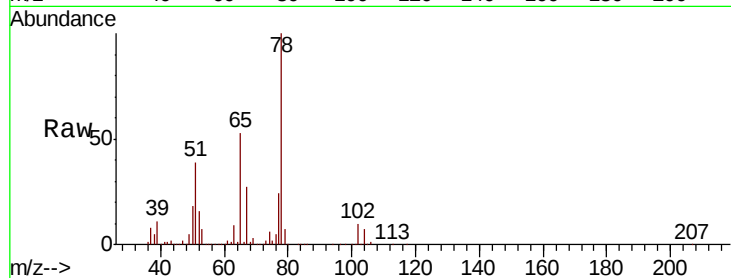
VSTDIC150

Tot Ion: 65 Resp: 1205116

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063152.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063152.D (-1850) (-)

7.99

600000

500000

400000

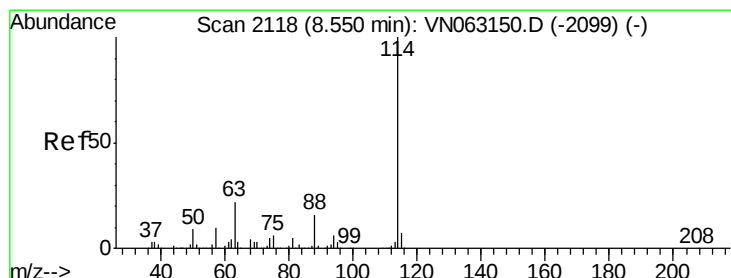
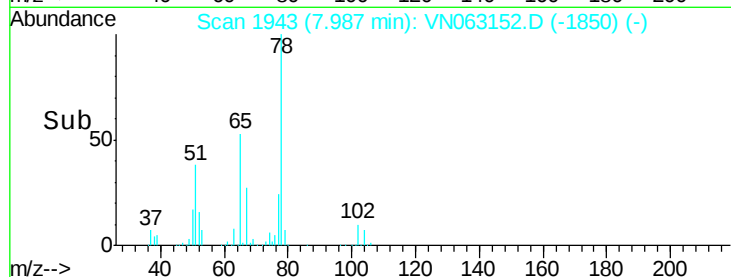
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

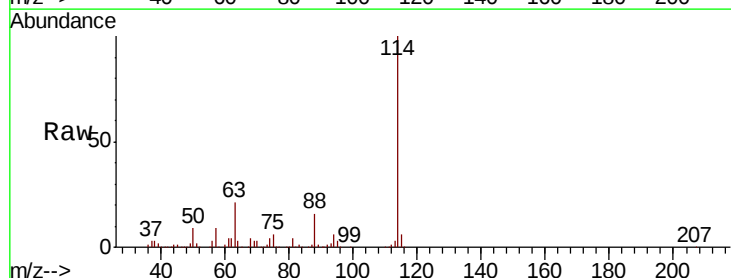
Tgt Ion: 114 Resp: 914135

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.0

88 15.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063152.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063152.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063152.D (-2025) (-)

8.55

600000

500000

400000

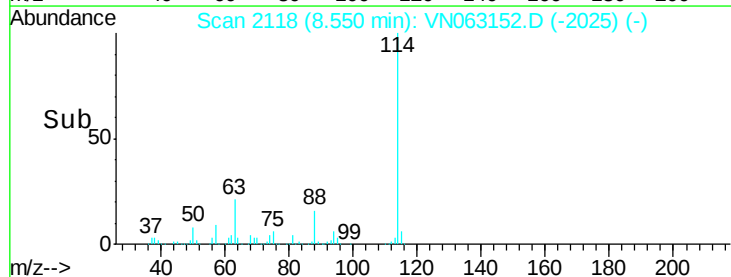
300000

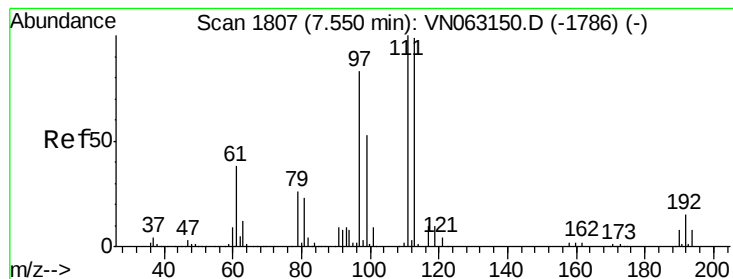
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 126.006 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

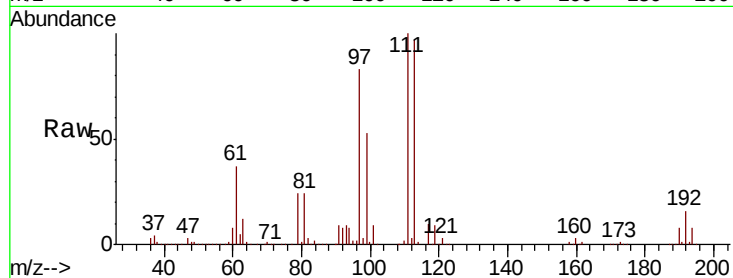
Tot Ion:113 Resp: 931579

Ion Ratio Lower Upper

113 100

111 103.0 80.7 121.1

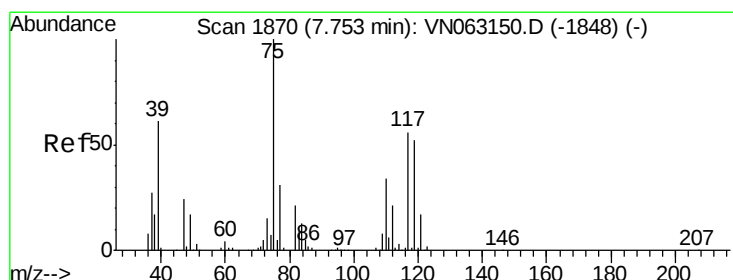
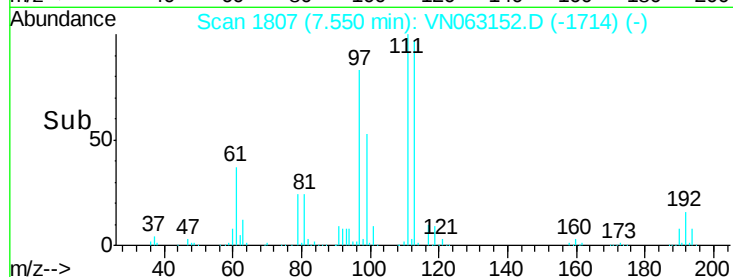
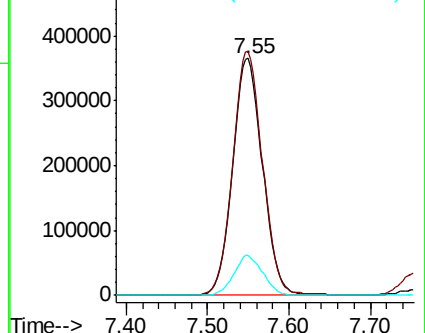
192 16.3 12.6 19.0



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: 134.752 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

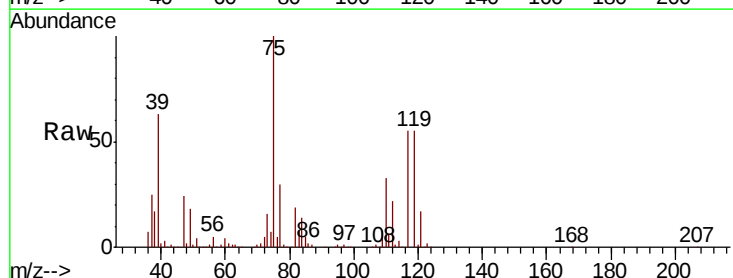
Tgt Ion: 75 Resp: 1346302

Ion Ratio Lower Upper

75 100

110 33.1 16.6 49.8

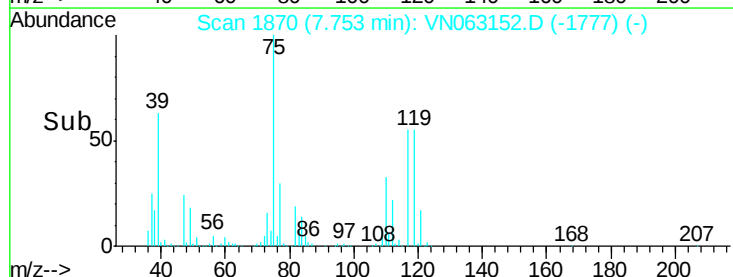
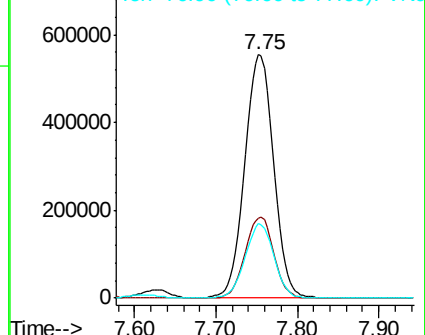
77 30.7 25.4 38.2

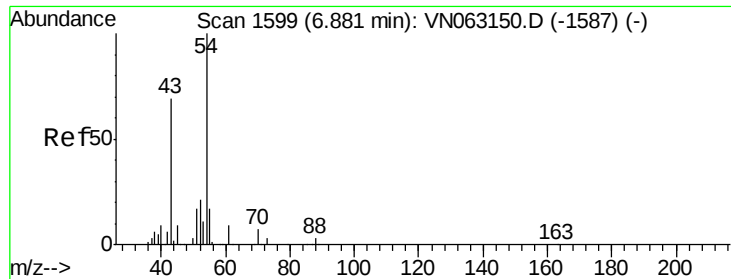


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

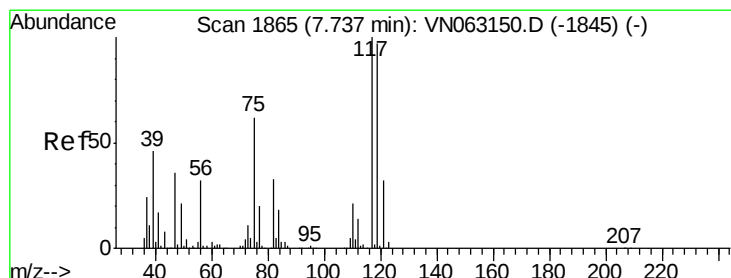
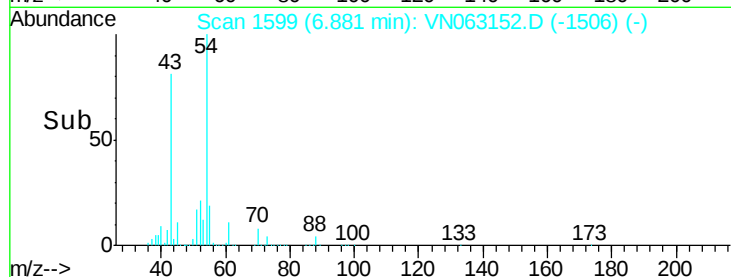
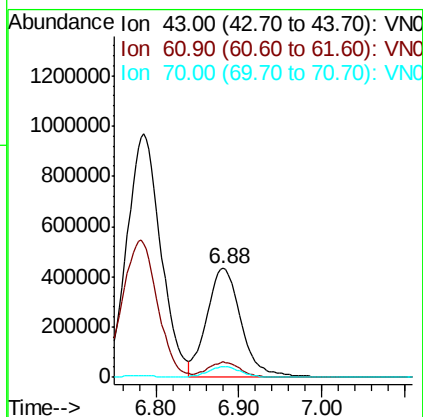
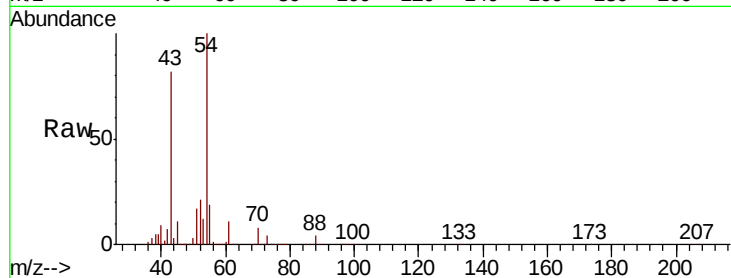




#37
Ethyl Acetate
Concen: 170.359 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

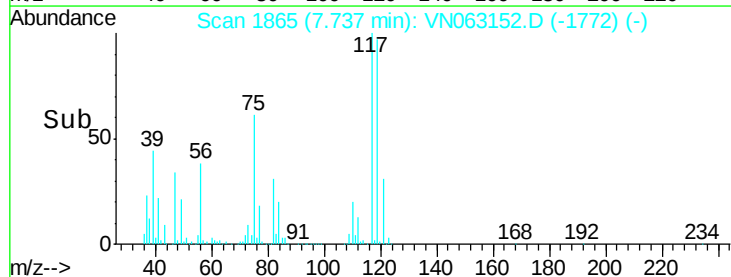
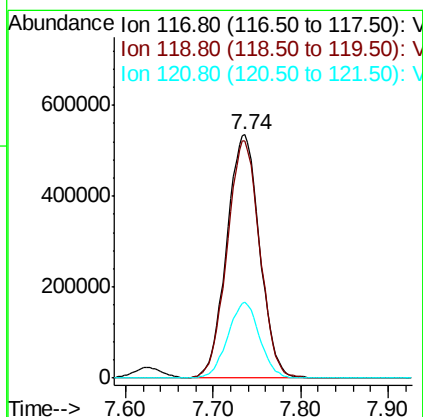
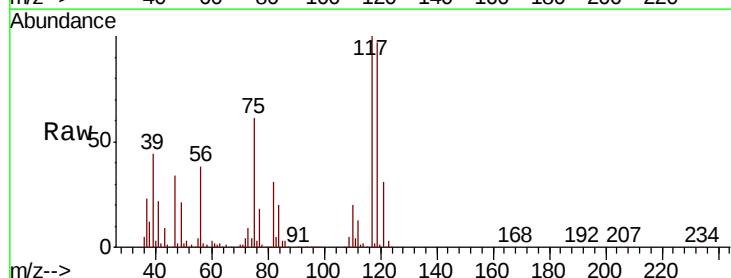
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

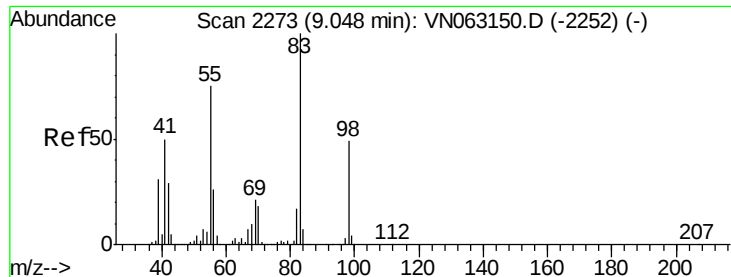
Tot Ion: 43 Resp: 1236663
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.4
70 9.5 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 129.796 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Tgt Ion: 117 Resp: 1390686
Ion Ratio Lower Upper
117 100
119 97.2 77.2 115.8
121 31.1 25.6 38.4

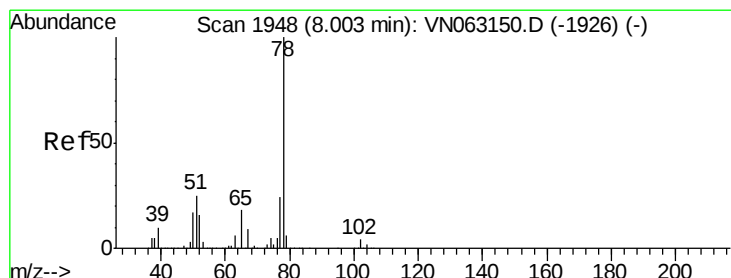
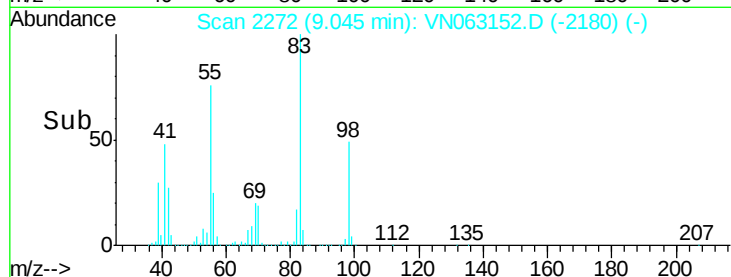
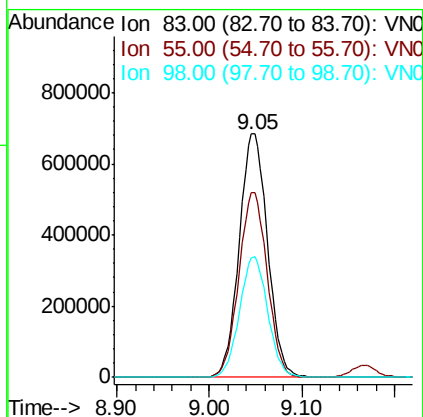
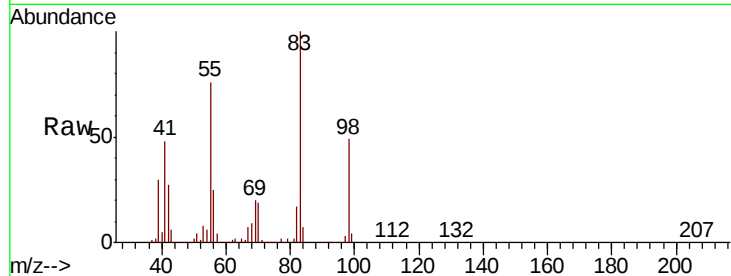




#39
Methvlcvclohexane
Concen: 138.840 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

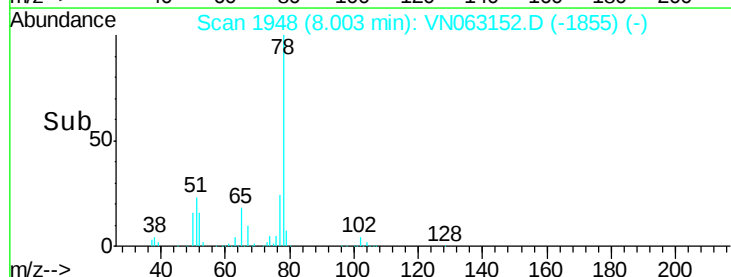
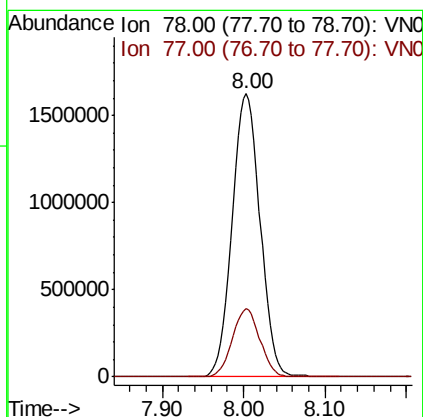
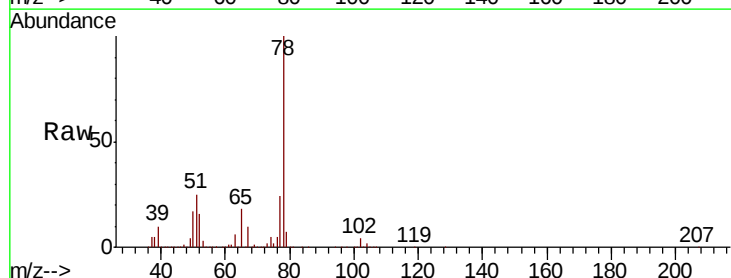
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

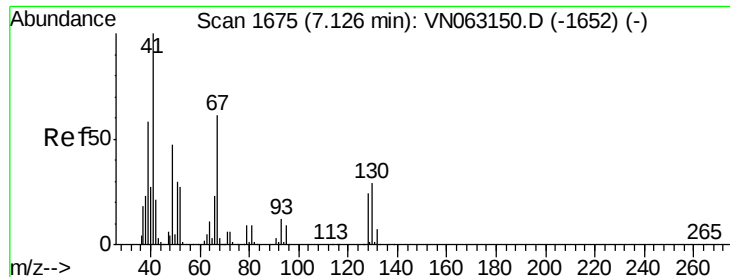
Tot Ion: 83 Resp: 1451152
Ion Ratio Lower Upper
83 100
55 76.0 60.3 90.5
98 49.2 38.9 58.3



#40
Benzene
Concen: 127.526 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Tgt Ion: 78 Resp: 3886582
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

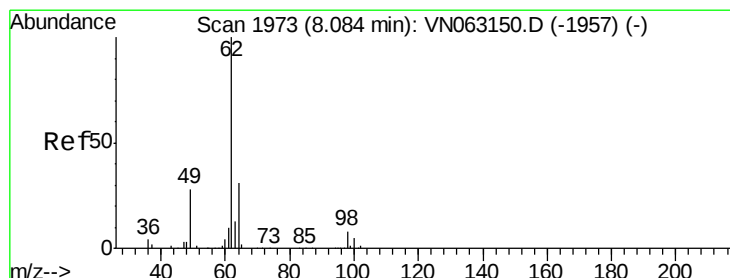
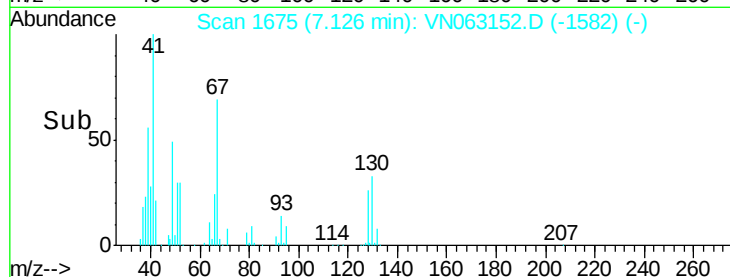
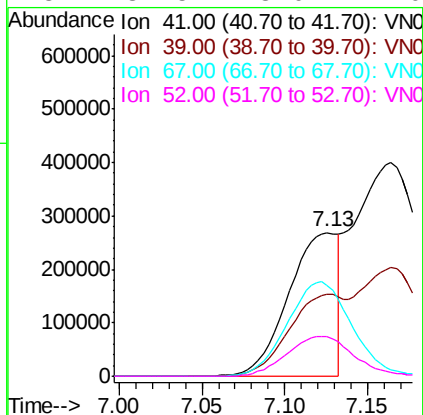
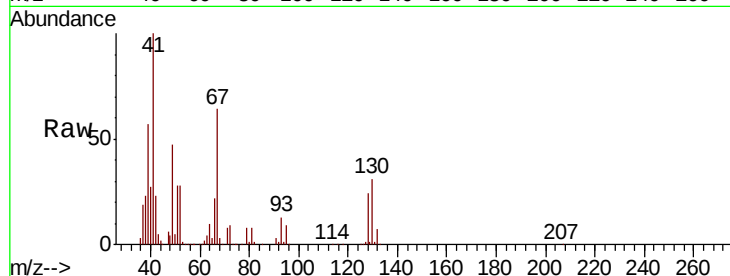




#41
Methacrylonitrile
Concen: 153.716 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

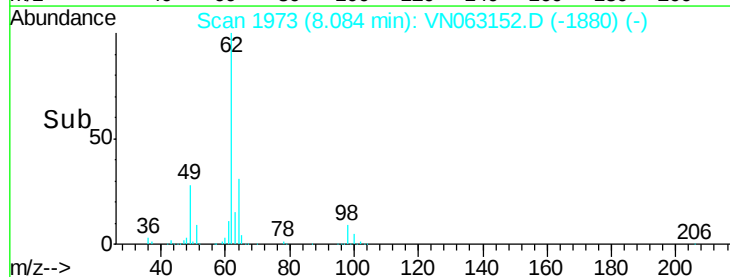
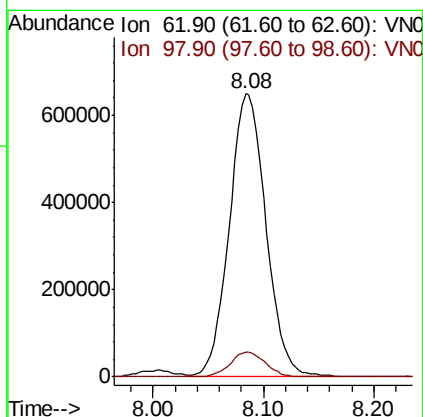
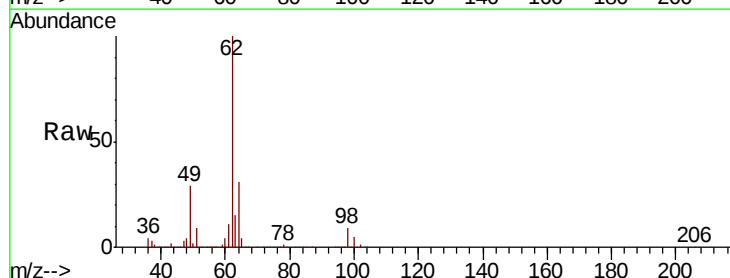
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

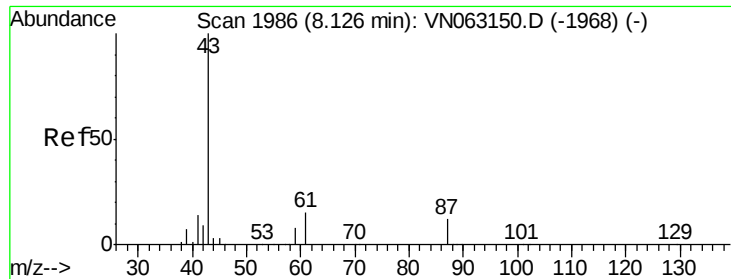
Tot Ion:	41	Resp:	554827
Ion	Ratio	Lower	Upper
41	100		
39	66.1	46.6	70.0
67	86.9	62.6	94.0
52	37.5	28.0	42.0



#42
1,2-Dichloroethane
Concen: 143.845 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Tgt Ion:	62	Resp:	1482109
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2





#43

Isopropyl Acetate

Concen: 175.493 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

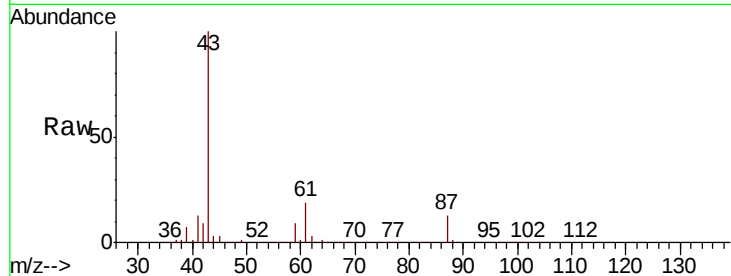
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2230110

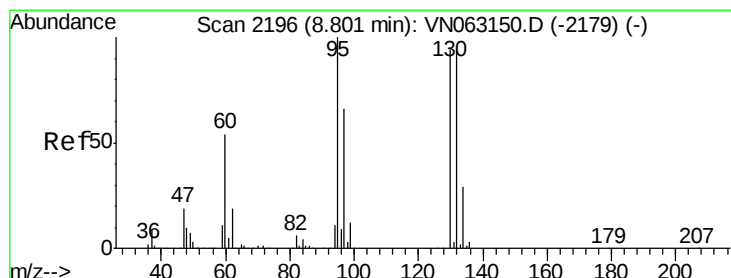
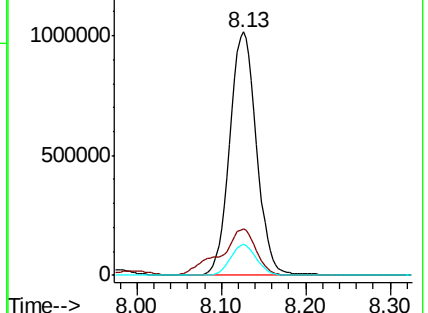
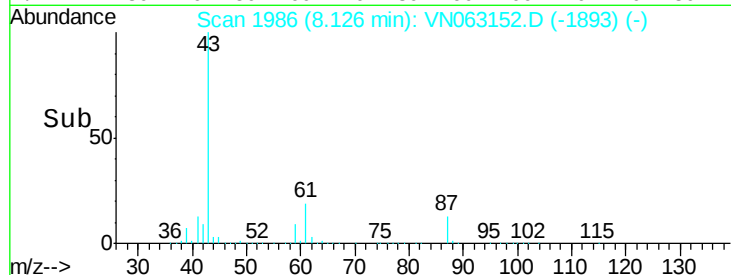
Ion	Ratio	Lower	Upper
43	100		
61	25.6	20.2	30.4
87	12.5	9.8	14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063152.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063152.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063152.D (-1893) (-)



#44

Trichloroethene

Concen: 120.889 ug/l

RT: 8.80 min Scan# 2196

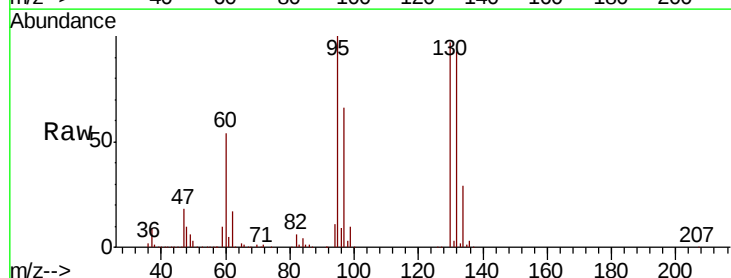
Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

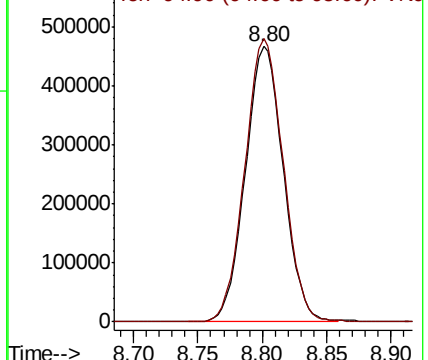
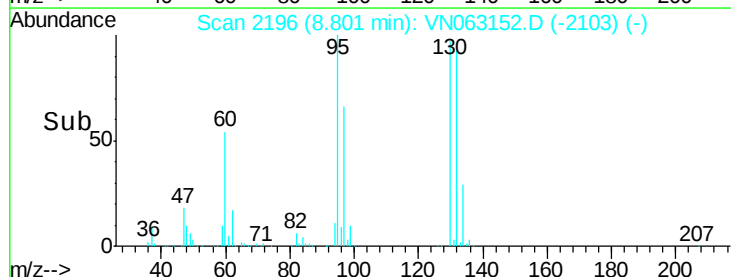
Tgt Ion: 130 Resp: 956972

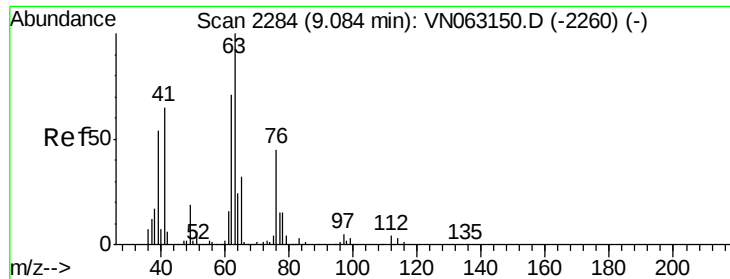
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063152.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063152.D (-2103) (-)

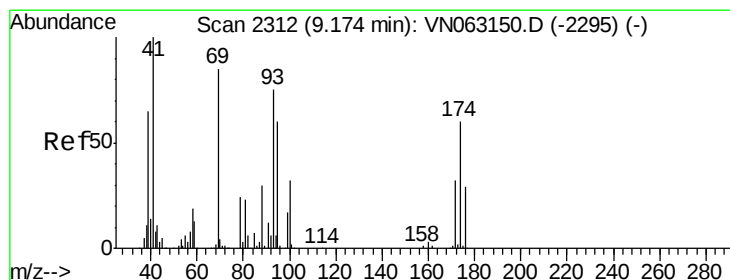
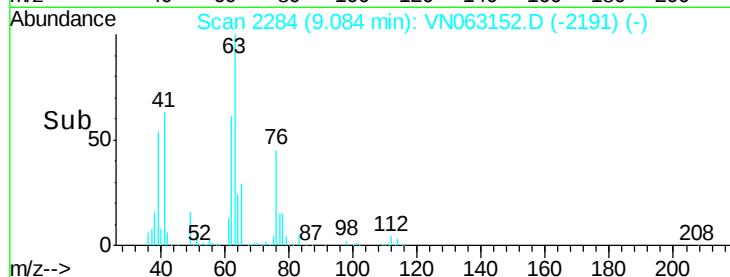
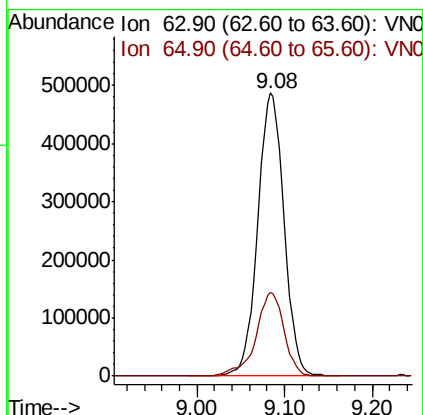
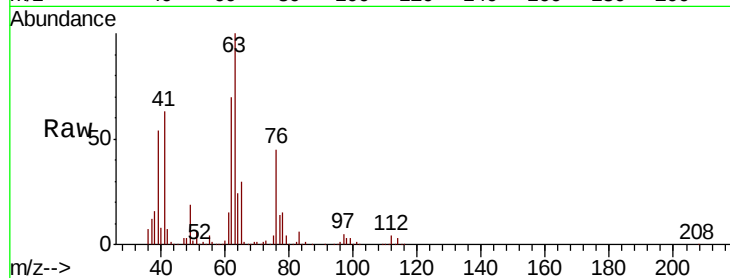




#45
 1,2-Dichloropropane
 Concen: 123.789 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063152.D
 Acq: 31 Aug 2020 14:59

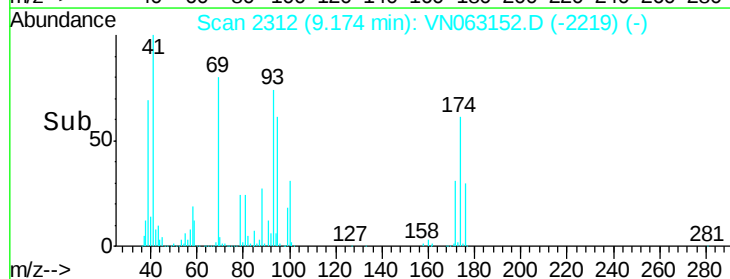
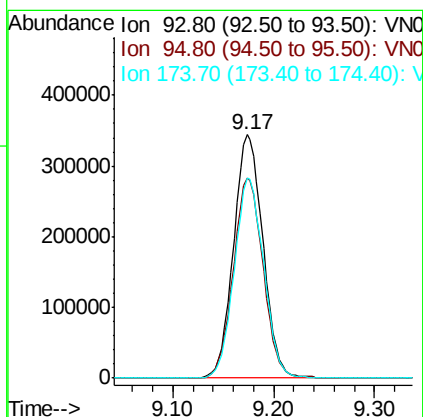
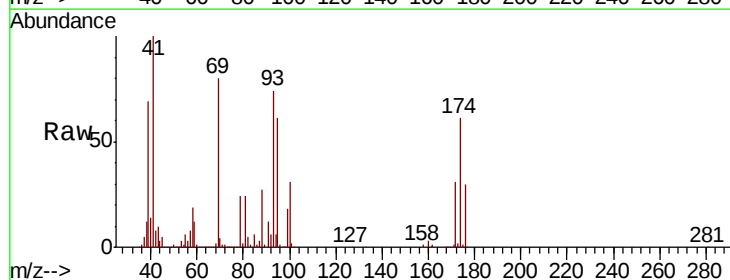
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

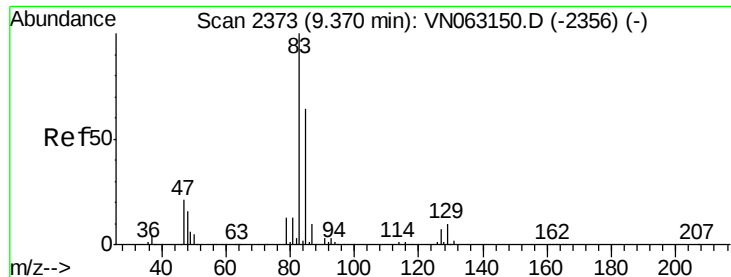
Tot Ion: 63 Resp: 1015408
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.4 38.0



#46
 Dibromomethane
 Concen: 135.307 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063152.D
 Acq: 31 Aug 2020 14:59

Tgt Ion: 93 Resp: 696879
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.2 97.8
 174 82.3 64.6 97.0





#47

Bromodichloromethane

Concen: 139.259 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

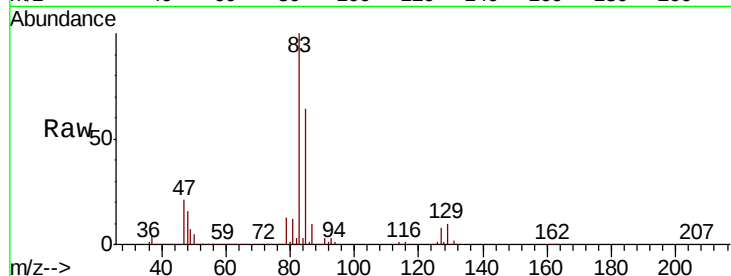
Tot Ion: 83 Resp: 1489749

Ion Ratio Lower Upper

83 100

85 64.4 51.0 76.6

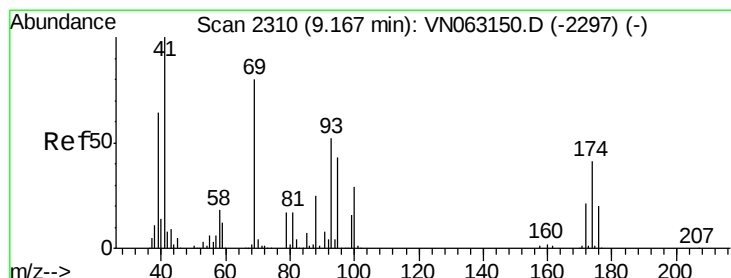
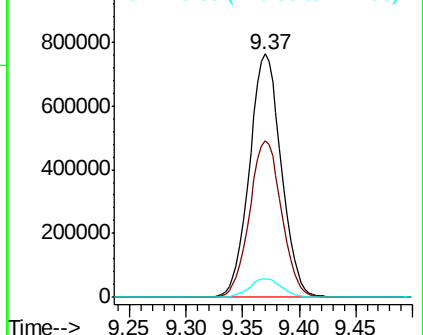
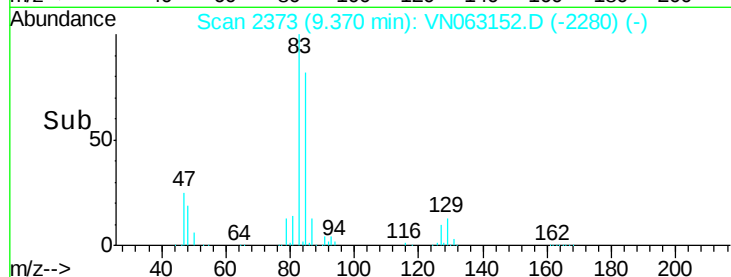
127 7.8 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063152.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063152.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063152.D (-2280) (-)



#48

Methyl methacrylate

Concen: 165.736 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

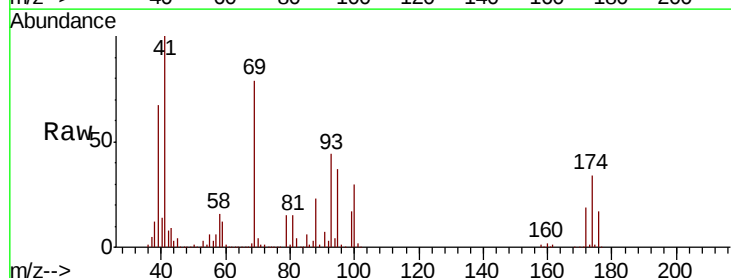
Tgt Ion: 41 Resp: 1039896

Ion Ratio Lower Upper

41 100

69 81.7 65.9 98.9

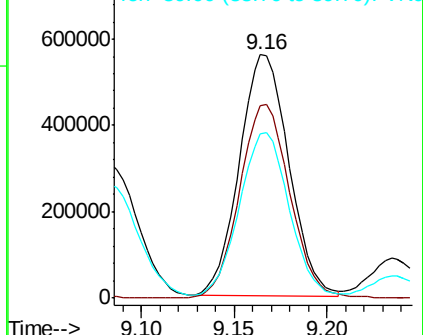
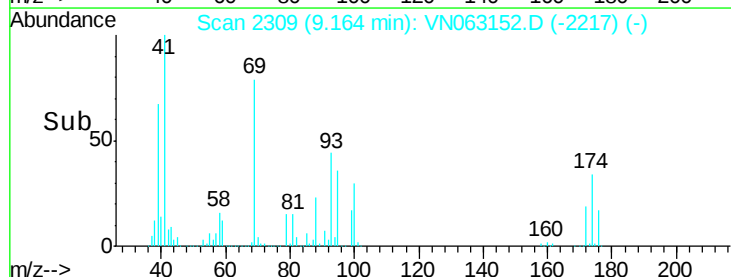
39 69.8 52.0 78.0

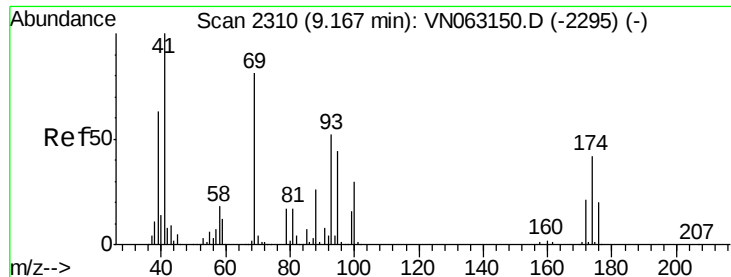


Abundance Ion 41.00 (40.70 to 41.70): VN063152.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063152.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063152.D (-2217) (-)

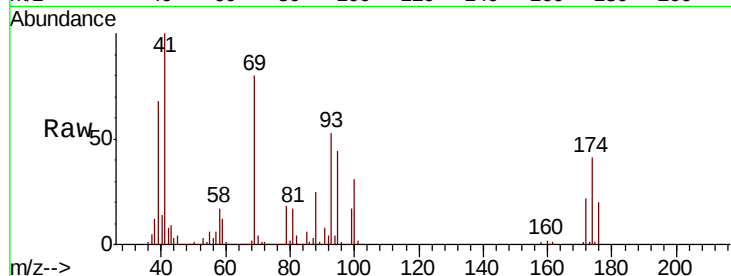




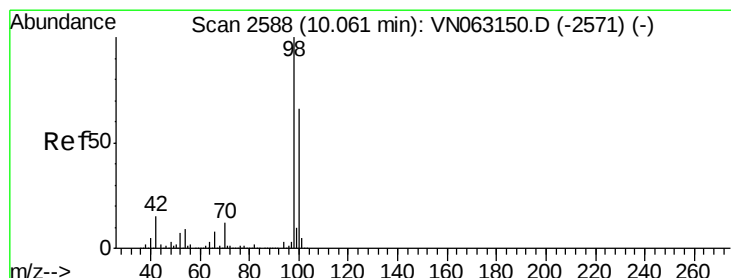
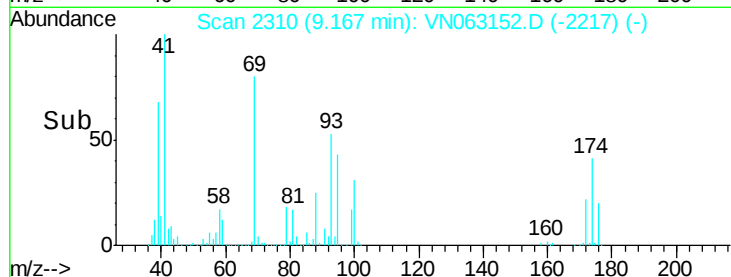
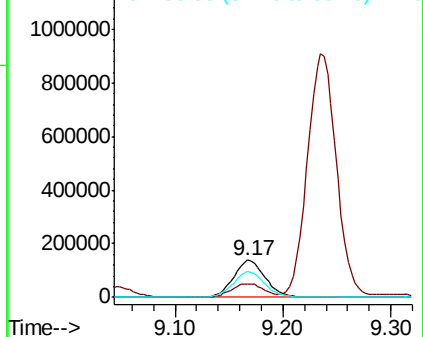
#49
1,4-Dioxane
Concen: 3199.801 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 88 Resp: 285107
Ion Ratio Lower Upper
88 100
43 36.8 28.6 42.8
58 68.8 53.2 79.8

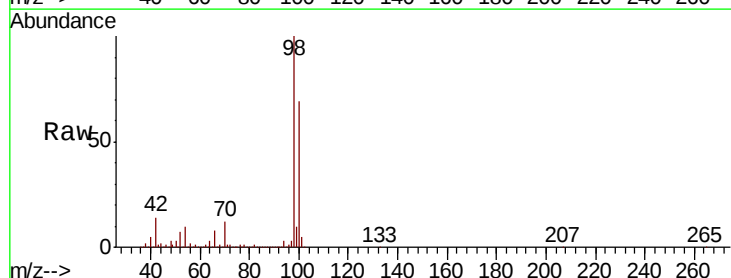


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

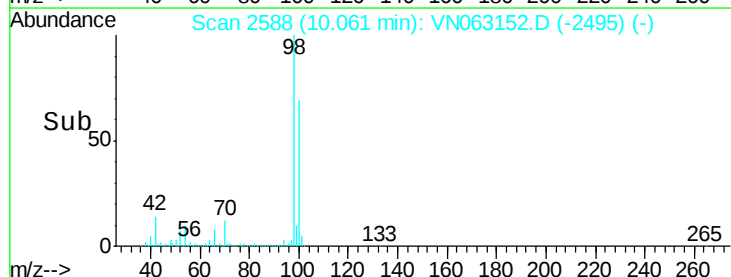
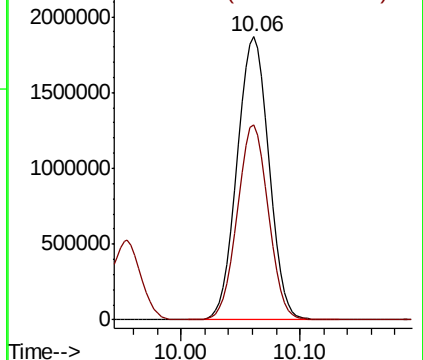


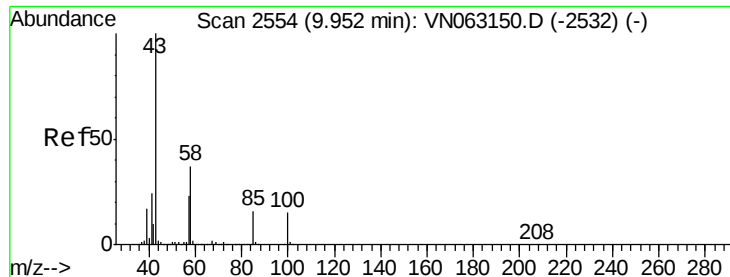
#50
Toluene-d8
Concen: 128.702 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Tgt Ion: 98 Resp: 3472934
Ion Ratio Lower Upper
98 100
100 67.2 52.0 78.0



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





#51

4-Methyl-2-Pentanone

Concen: 769.573 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

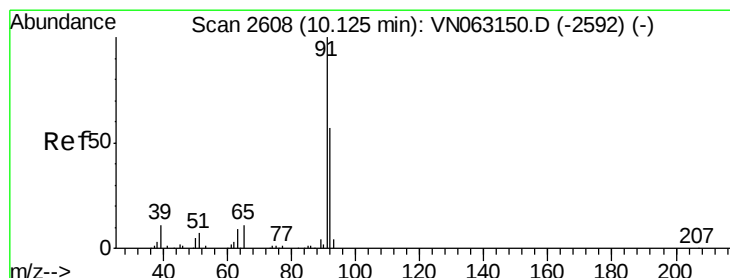
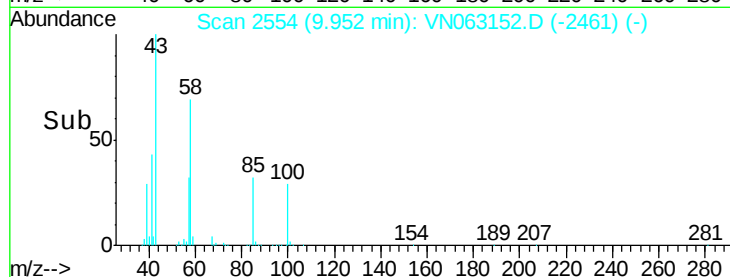
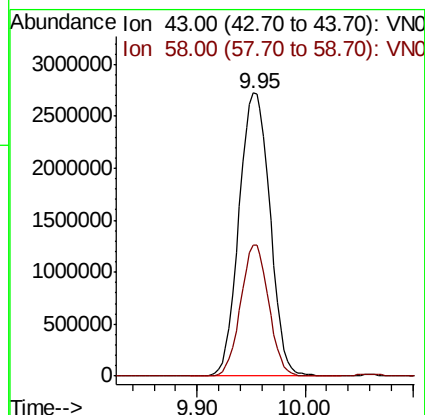
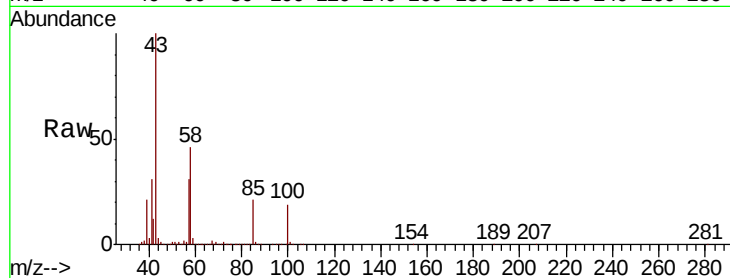
VSTDIC150

Tot Ion: 43 Resp: 5443923

Ion Ratio Lower Upper

43 100

58 42.3 29.2 43.8



#52

Toluene

Concen: 137.671 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063152.D

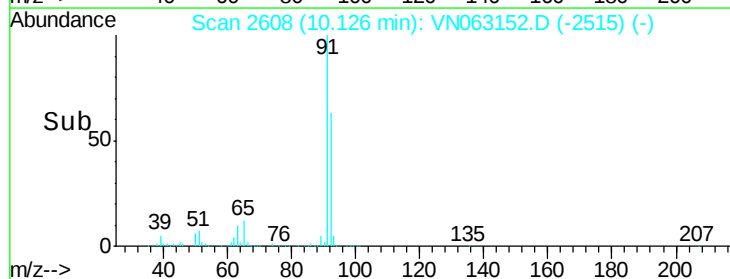
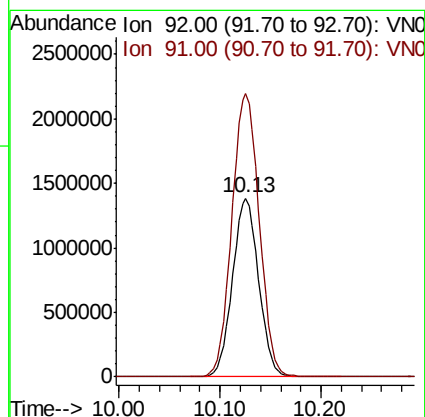
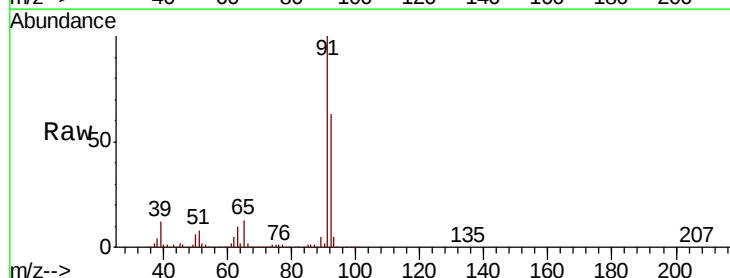
Acq: 31 Aug 2020 14:59

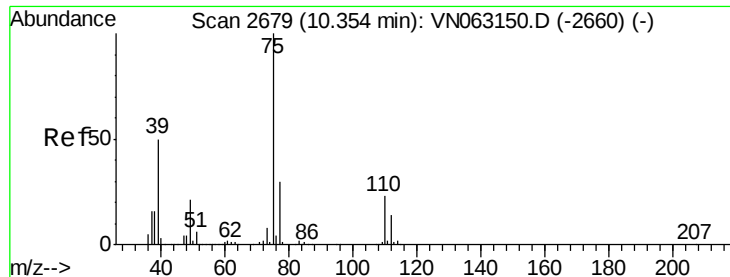
Tgt Ion: 92 Resp: 2496564

Ion Ratio Lower Upper

92 100

91 166.2 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 156.126 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampled :

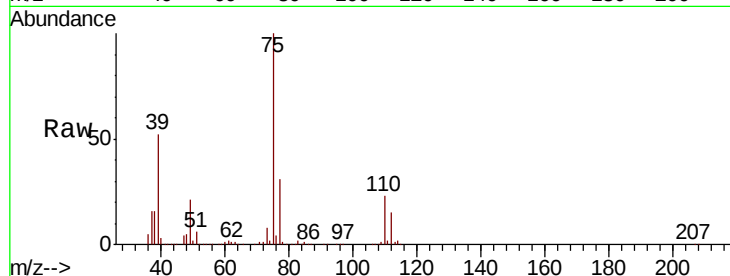
VSTDIC150

Tot Ion: 75 Resp: 1681626

Ion Ratio Lower Upper

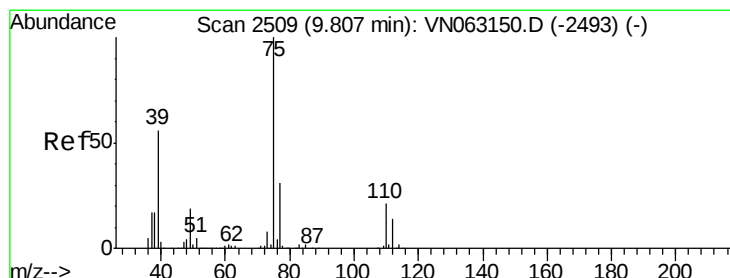
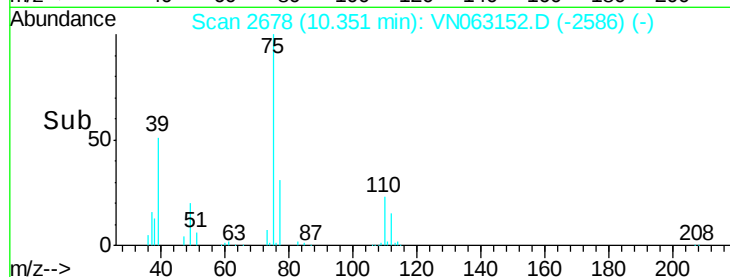
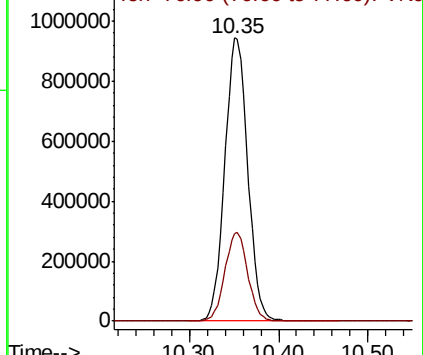
75 100

77 31.0 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 151.461 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

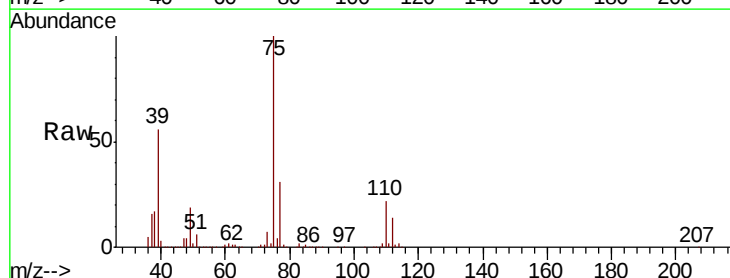
Tgt Ion: 75 Resp: 1774417

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

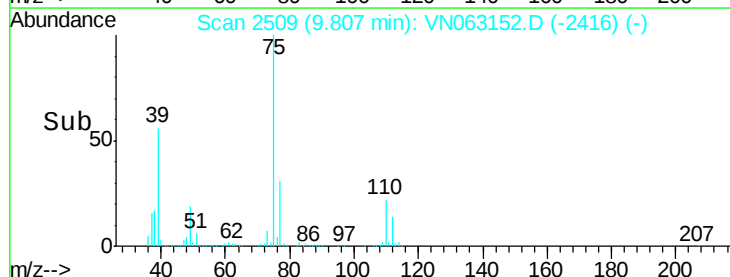
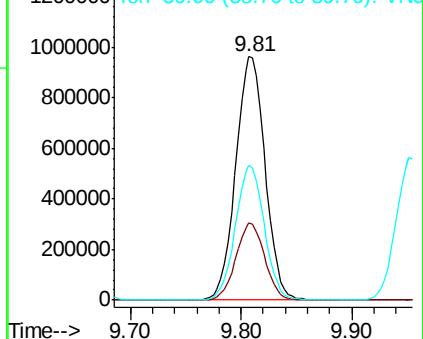
39 55.6 45.0 67.6

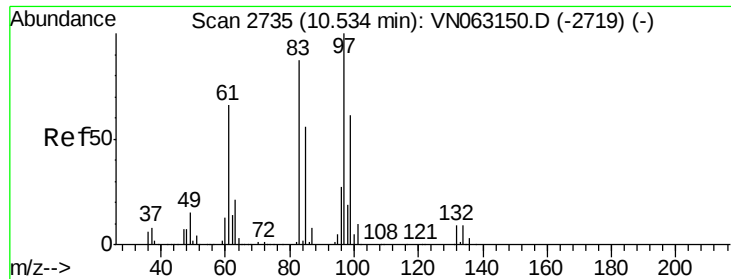


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 125.326 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 942745

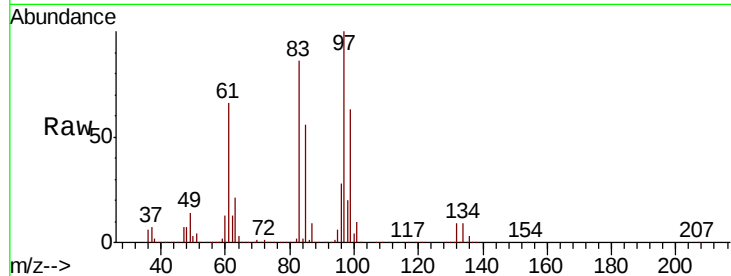
Ion Ratio Lower Upper

97 100

83 86.3 69.8 104.8

85 56.2 44.9 67.3

99 62.7 48.8 73.2



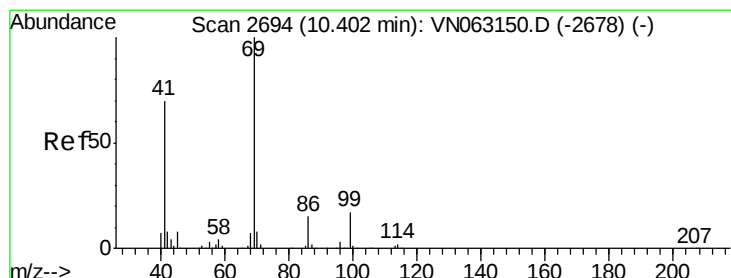
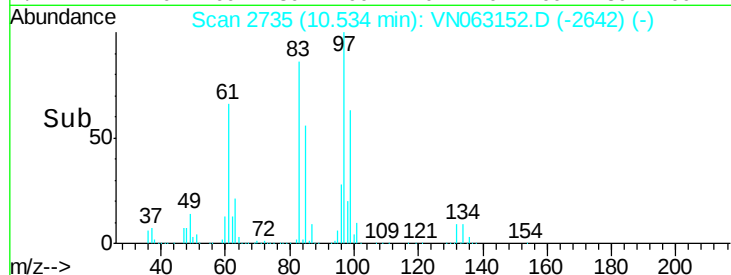
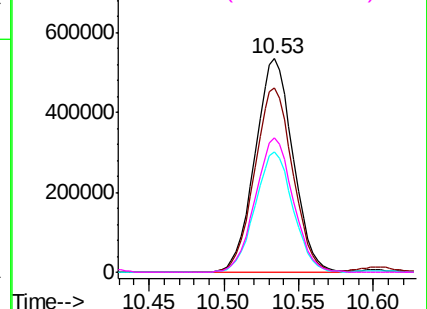
Abundance

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: 168.142 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

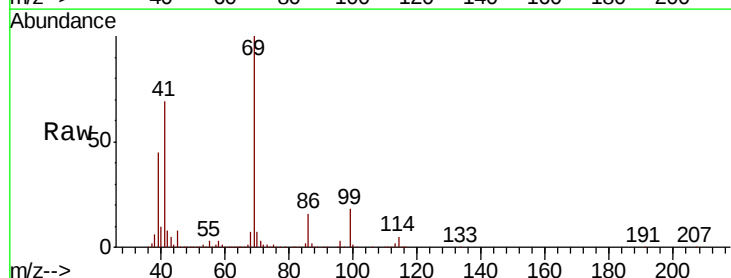
Tgt Ion: 69 Resp: 1511351

Ion Ratio Lower Upper

69 100

41 68.6 55.5 83.3

39 45.1 38.2 57.2

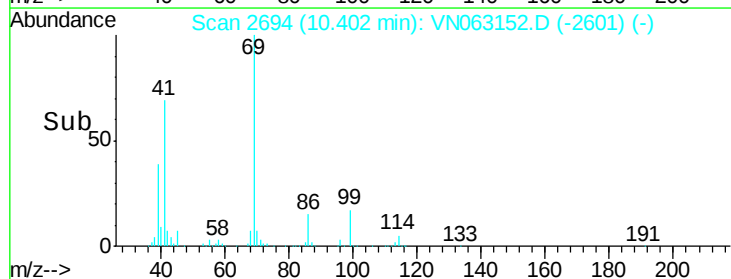
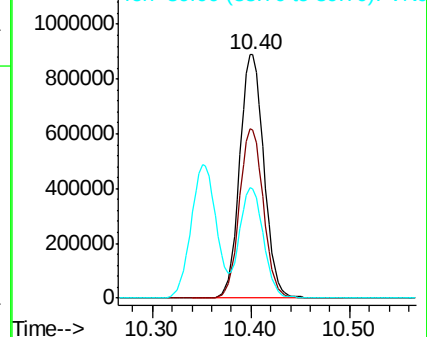


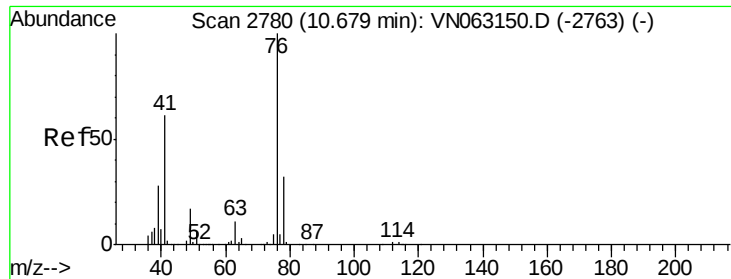
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

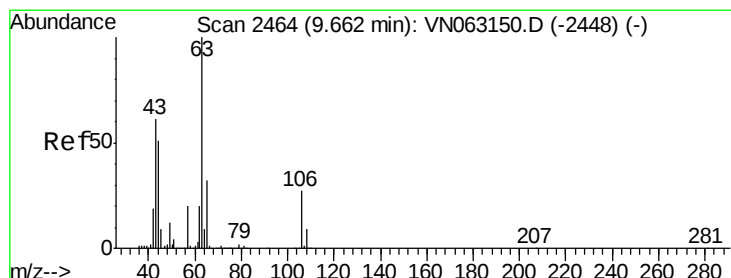
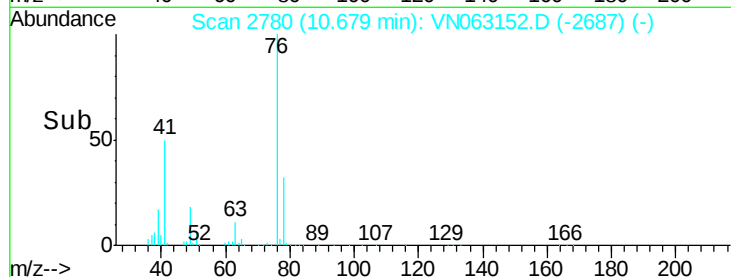
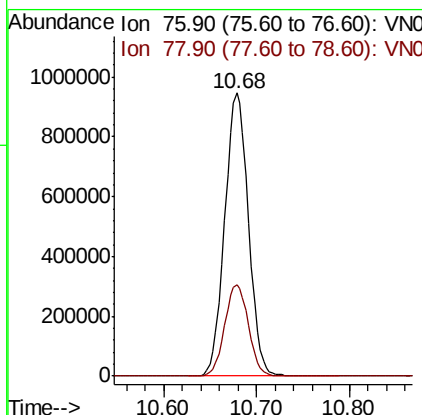
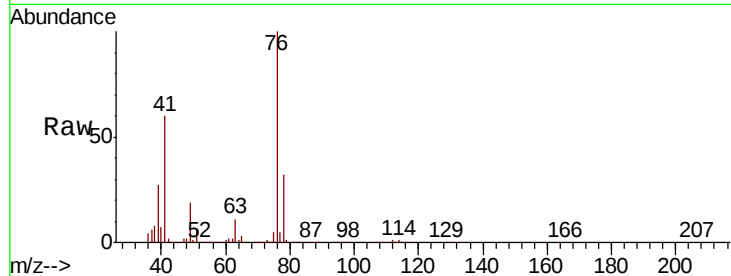




#57
 1,3-Dichloropropane
 Concen: 139.728 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063152.D
 Acq: 31 Aug 2020 14:59

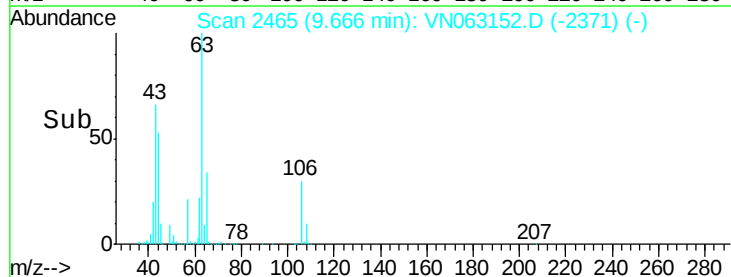
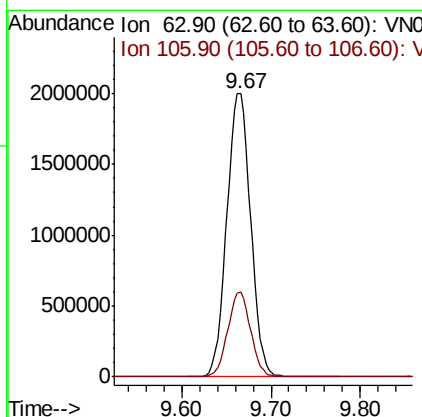
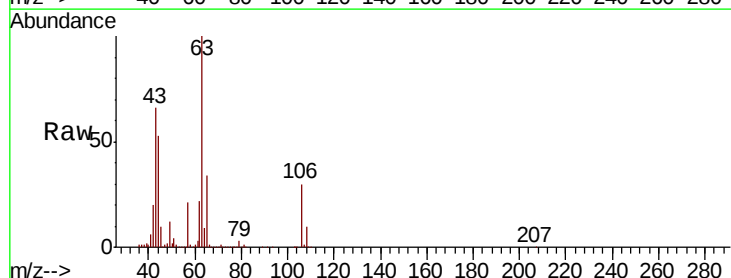
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

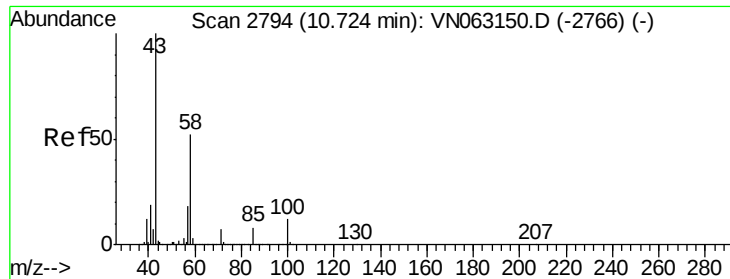
Tot Ion: 76 Resp: 1675082
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 888.351 ug/l
 RT: 9.67 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN063152.D
 Acq: 31 Aug 2020 14:59

Tgt Ion: 63 Resp: 3701865
 Ion Ratio Lower Upper
 63 100
 106 28.7 21.8 32.6

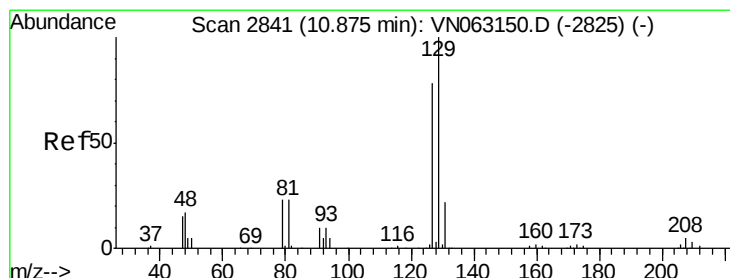
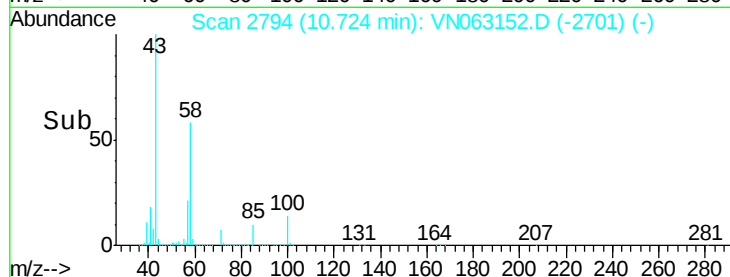
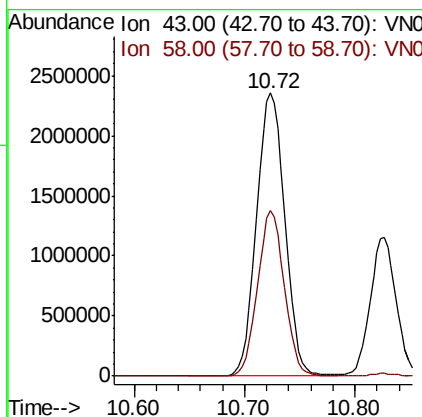
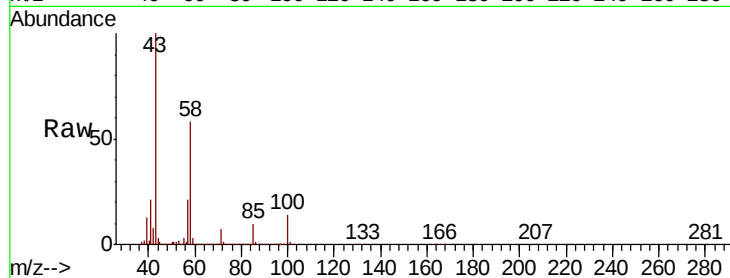




#59
2-Hexanone
Concen: 871.159 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

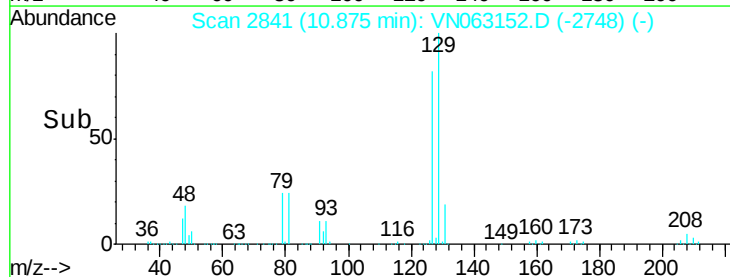
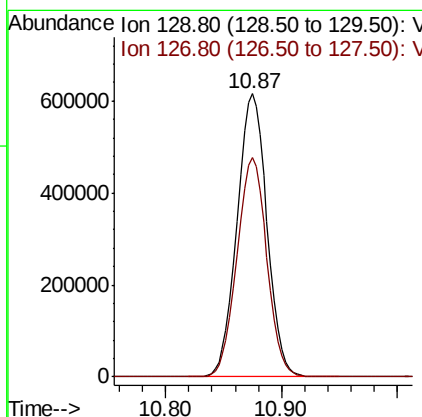
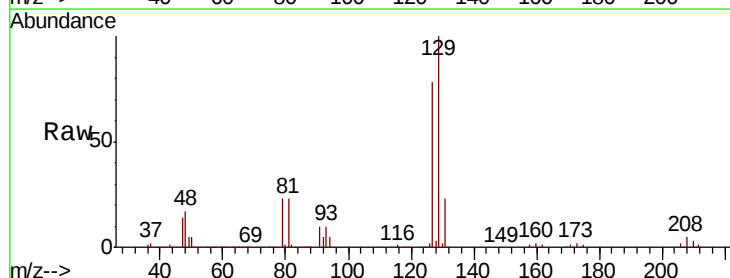
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

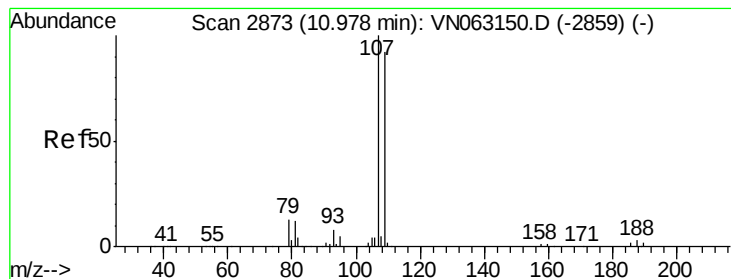
Tot Ion: 43 Resp: 4182039
Ion Ratio Lower Upper
43 100
58 55.4 25.9 77.8



#60
Dibromochloromethane
Concen: 133.825 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Tgt Ion: 129 Resp: 1099827
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 142.985 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

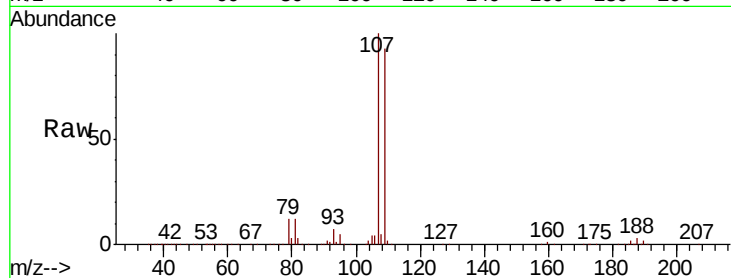
VSTDIC150

Tot Ion:107 Resp: 1013777

Ion Ratio Lower Upper

107 100

109 93.3 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

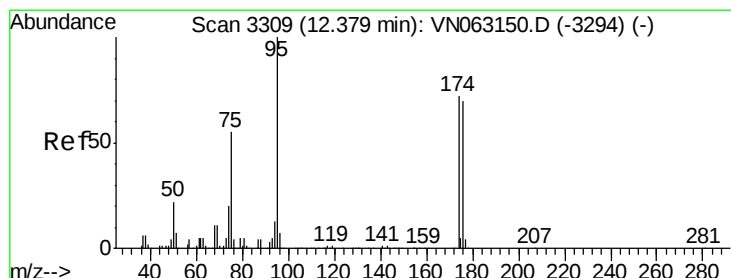
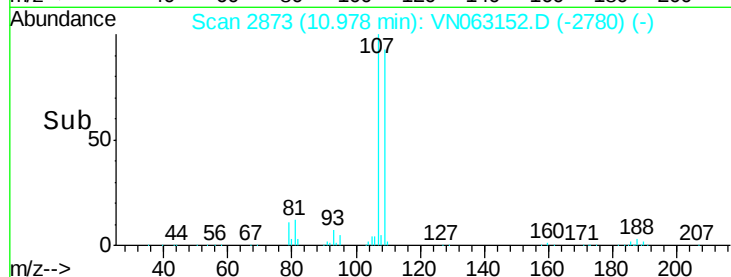
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 136.256 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

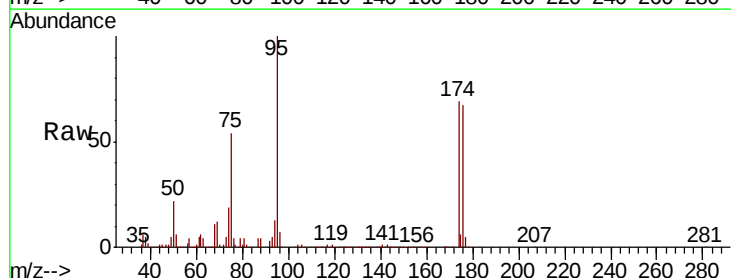
Tgt Ion: 95 Resp: 1270249

Ion Ratio Lower Upper

95 100

174 70.7 0.0 143.8

176 68.2 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

1000000

800000

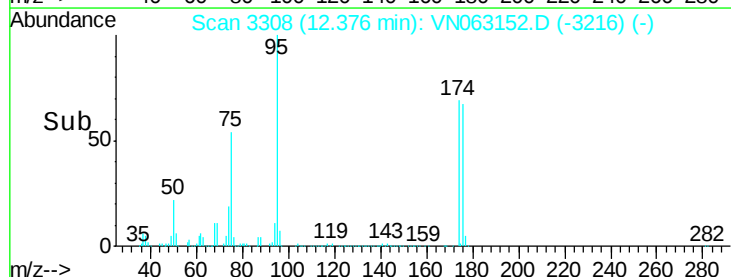
600000

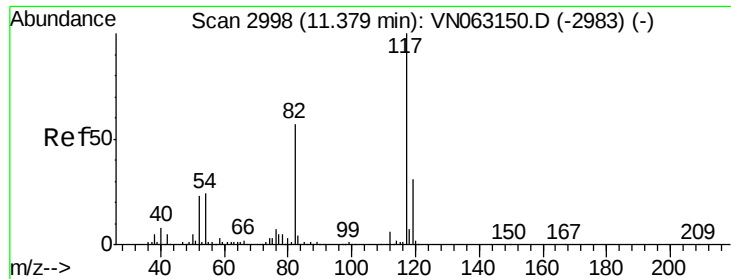
400000

200000

0

Time-->

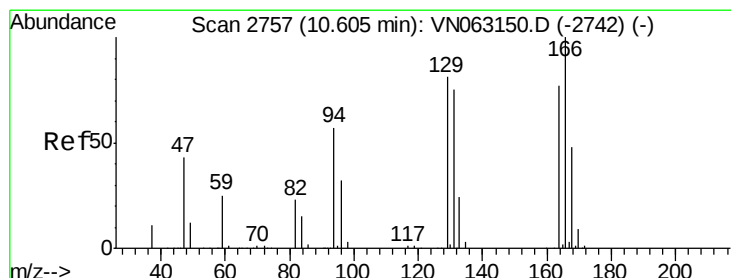
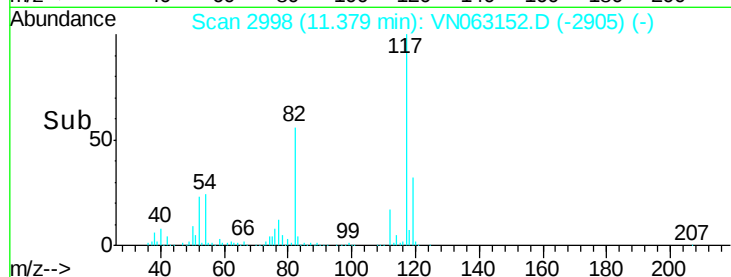
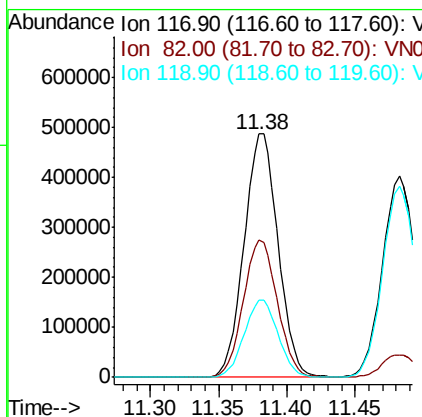
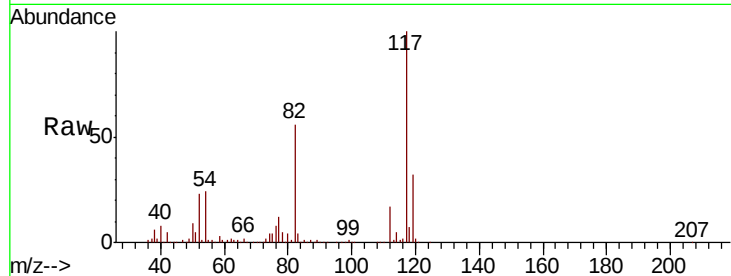




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

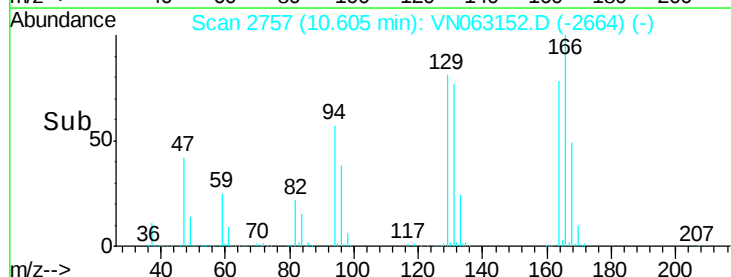
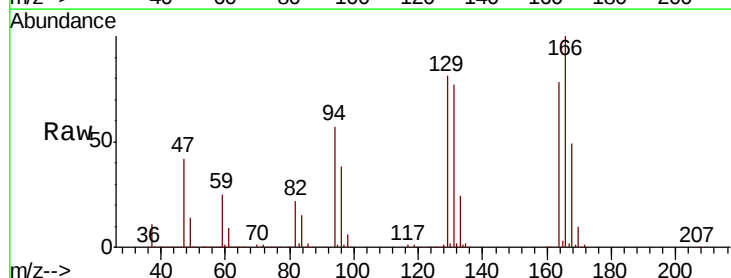
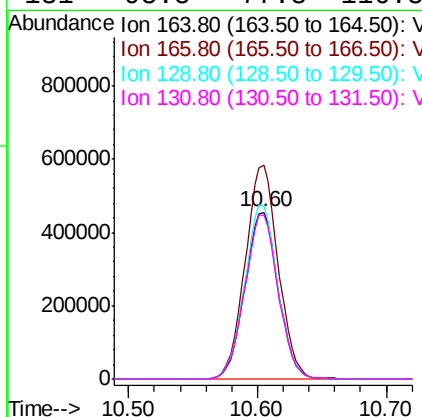
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

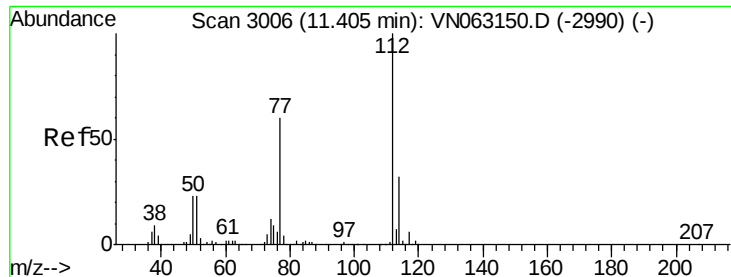
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.4	68.0
119	32.0	24.6	37.0



#64
Tetrachloroethene
Concen: 111.338 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	103.4	155.2
129	103.6	83.4	125.0
131	98.5	77.8	116.8

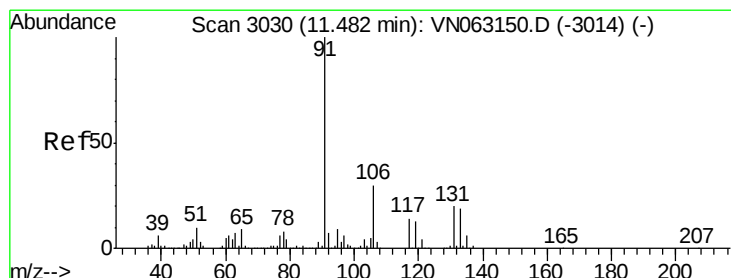
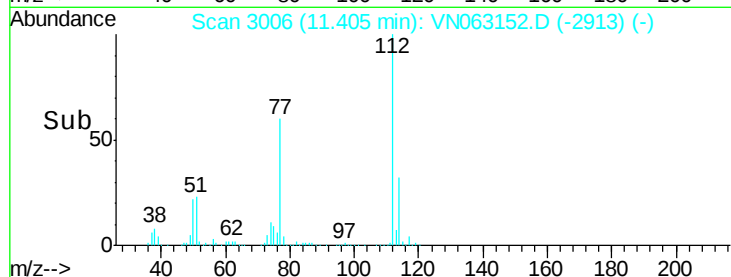
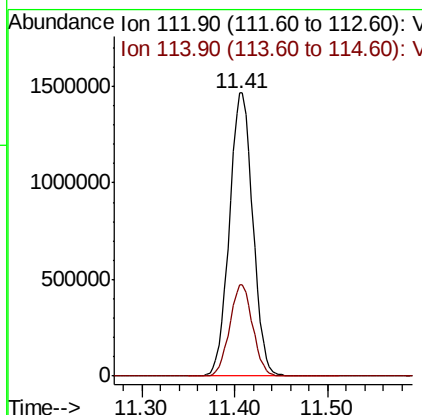
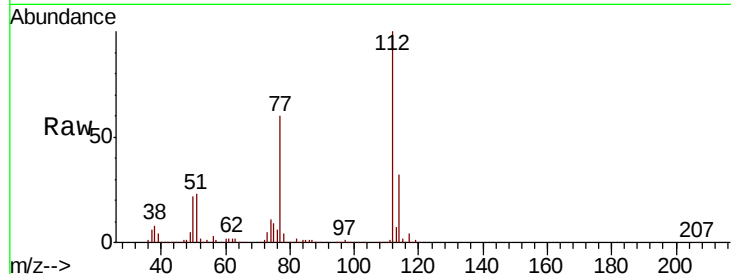




#65
Chlorobenzene
Concen: 123.649 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

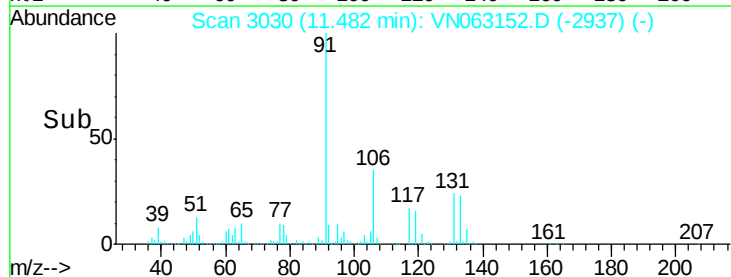
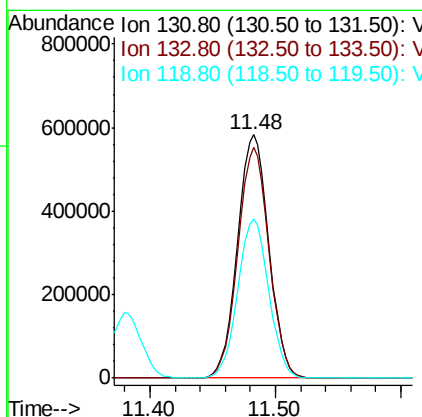
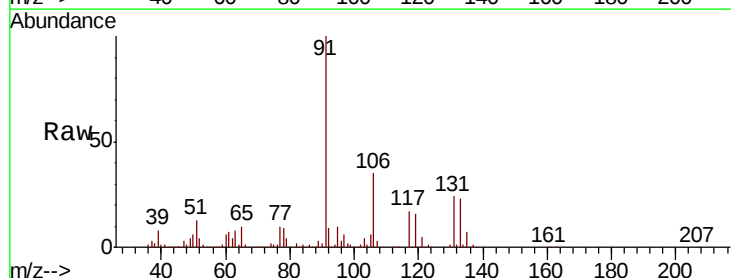
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

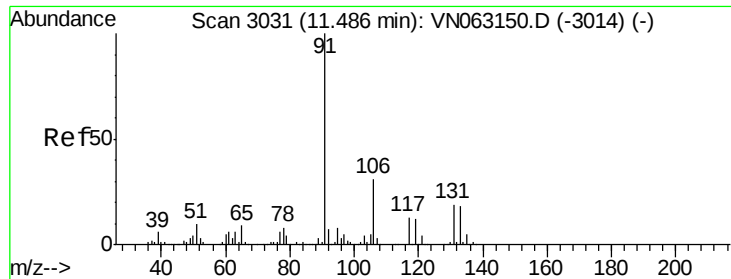
Tot Ion:112 Resp: 2563146
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 125.669 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Tgt Ion:131 Resp: 1010798
Ion Ratio Lower Upper
131 100
133 94.5 47.3 142.0
119 64.7 32.4 97.0

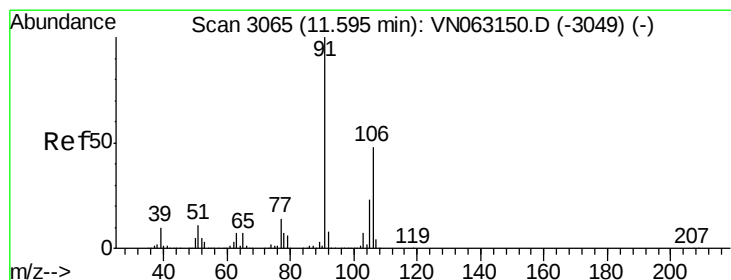
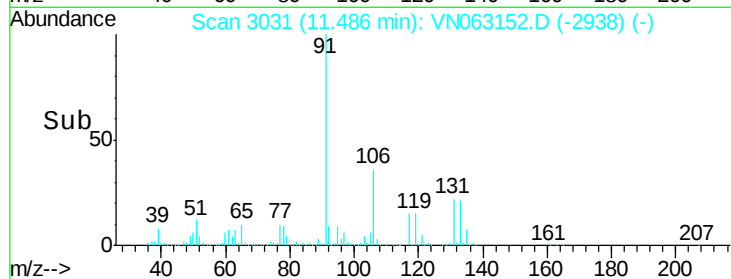
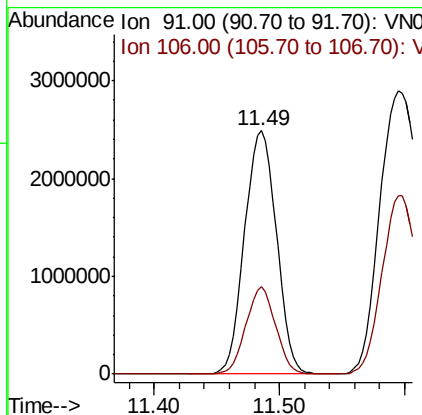
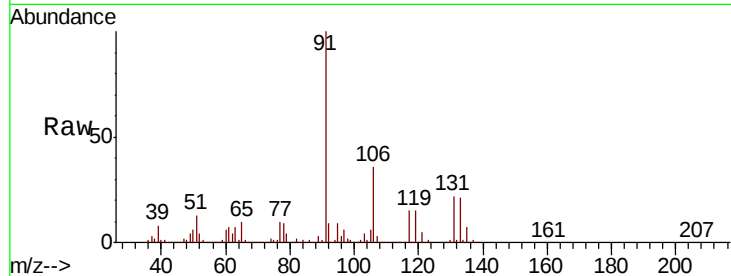




#67
Ethyl Benzene
Concen: 130.072 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

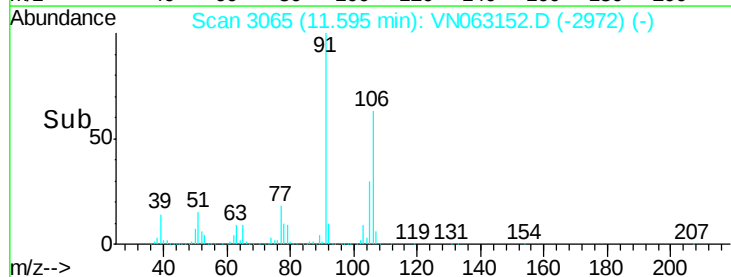
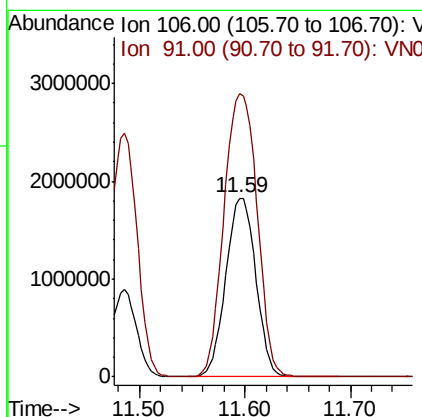
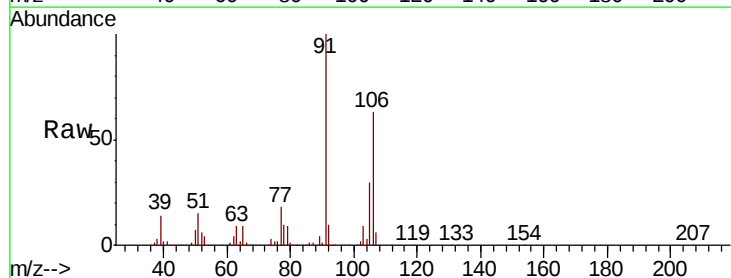
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

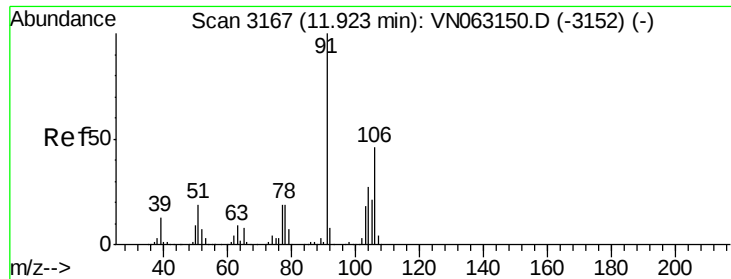
Tot Ion: 91 Resp: 4418218
Ion Ratio Lower Upper
91 100
106 35.7 24.4 36.6



#68
m/p-Xylenes
Concen: 282.364 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Tgt Ion: 106 Resp: 3594732
Ion Ratio Lower Upper
106 100
91 175.1 166.7 250.1

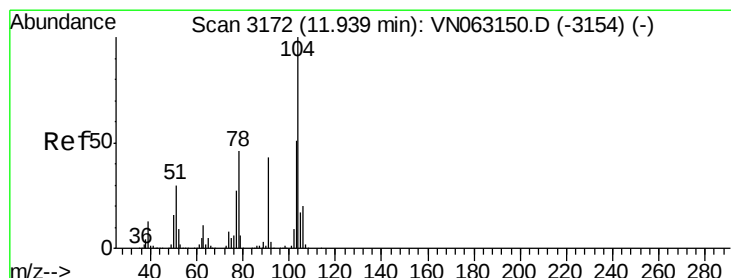
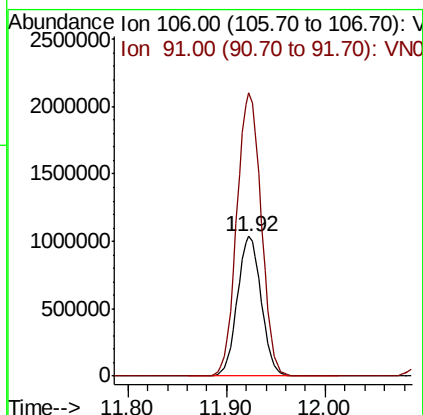
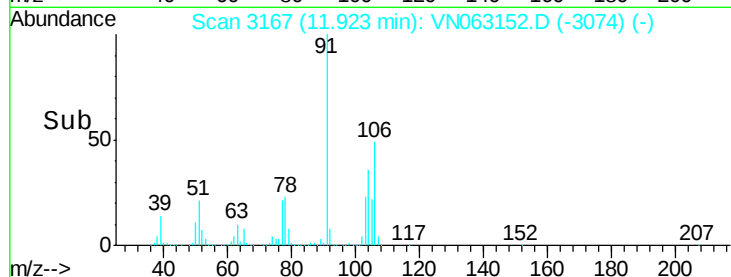
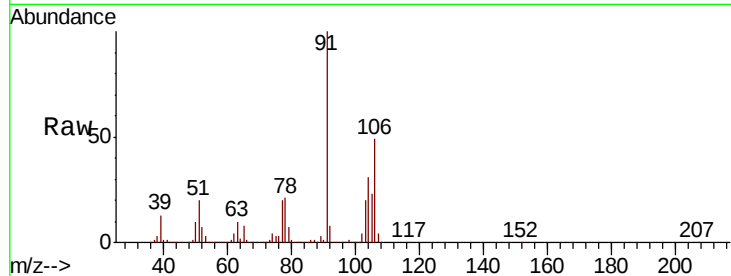




#69
o-Xylene
Concen: 141.404 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

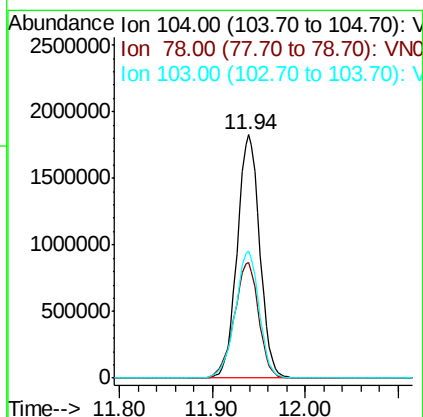
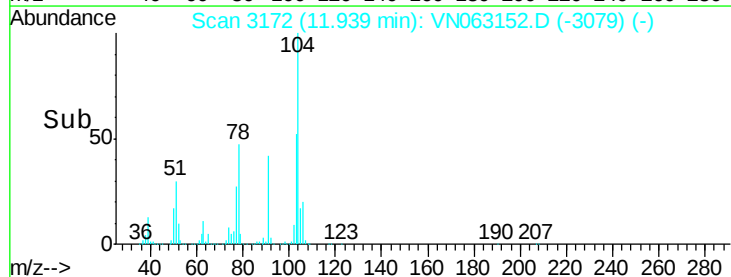
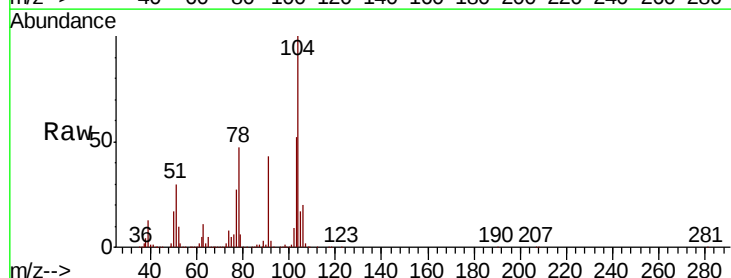
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

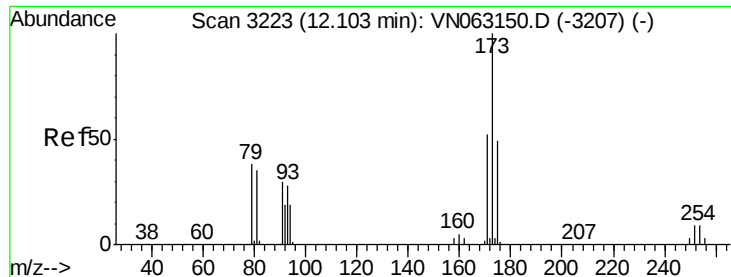
Tot Ion:106 Resp: 1734546
Ion Ratio Lower Upper
106 100
91 208.2 108.6 325.6



#70
Styrene
Concen: 153.944 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063152.D
Acq: 31 Aug 2020 14:59

Tgt Ion:104 Resp: 3073912
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 55.3 43.8 65.8





#71

Bromoform

Concen: 127.886 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

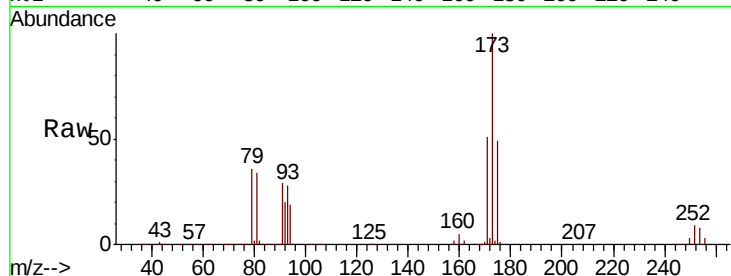
Tot Ion:173 Resp: 722439

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

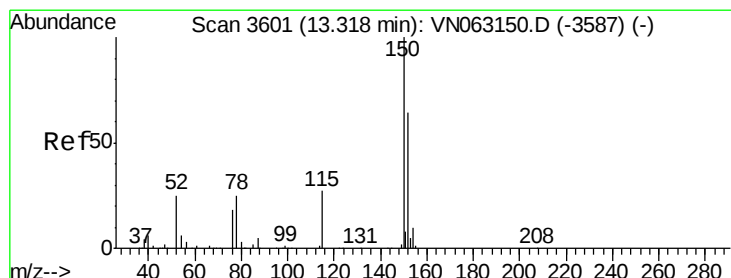
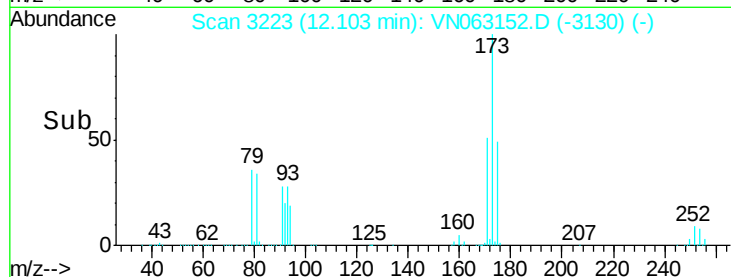
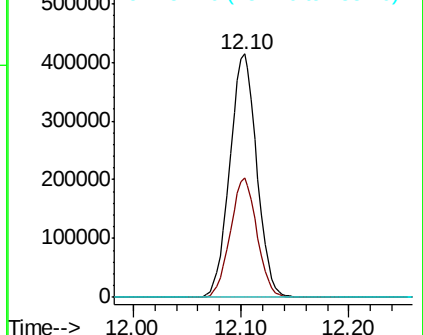
254 0.1 0.0 0.0#



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: VN063152.D

Acq: 31 Aug 2020 14:59

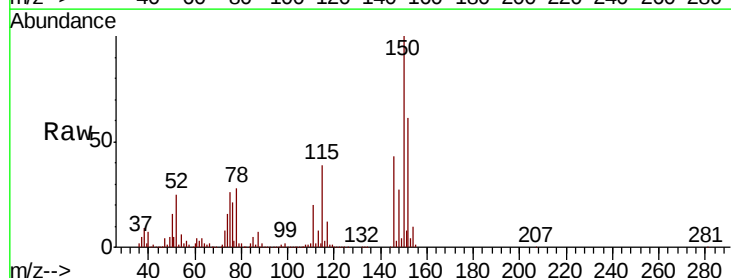
Tgt Ion:152 Resp: 414768

Ion Ratio Lower Upper

152 100

115 63.0 32.0 96.2

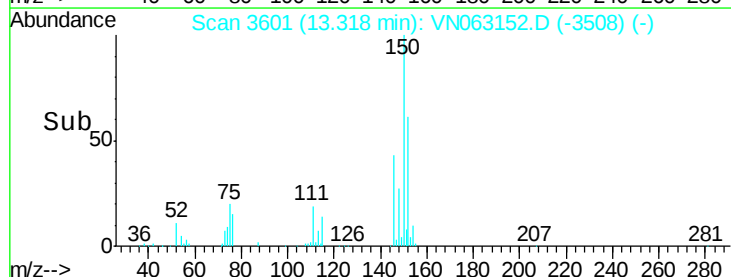
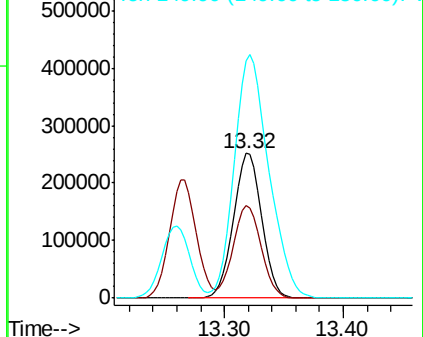
150 204.6 0.0 353.0

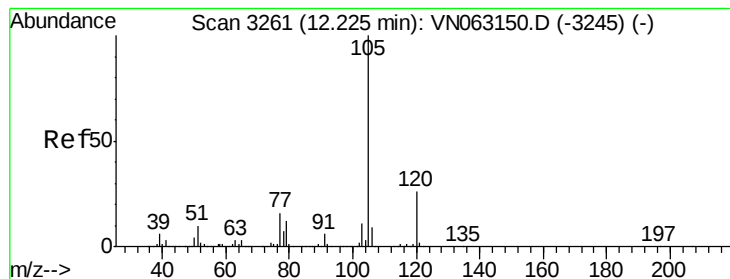


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 135.553 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

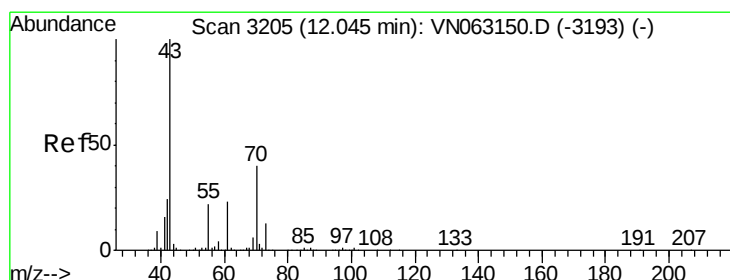
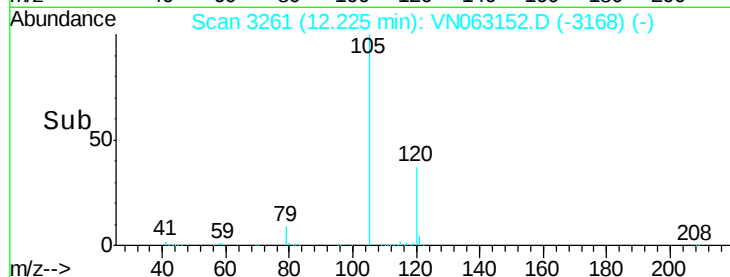
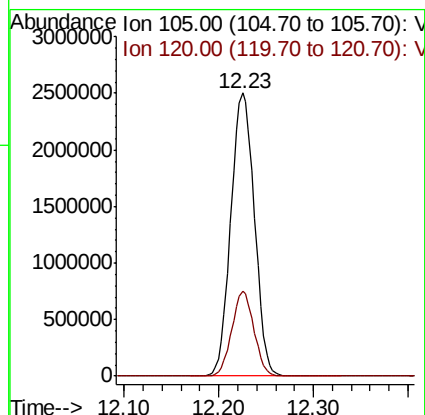
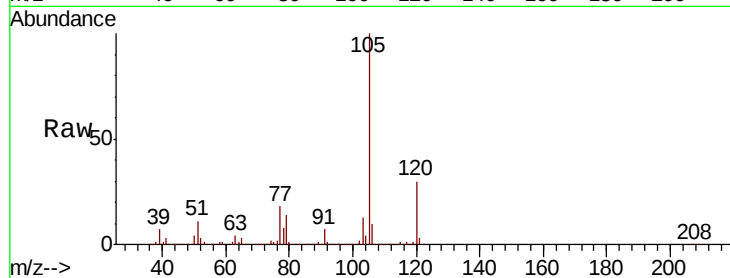
VSTDIC150

Tot Ion:105 Resp: 4337451

Ion Ratio Lower Upper

105 100

120 28.2 12.9 38.6



#74

N-ethyl acetate

Concen: 198.018 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Tgt Ion: 43 Resp: 2058324

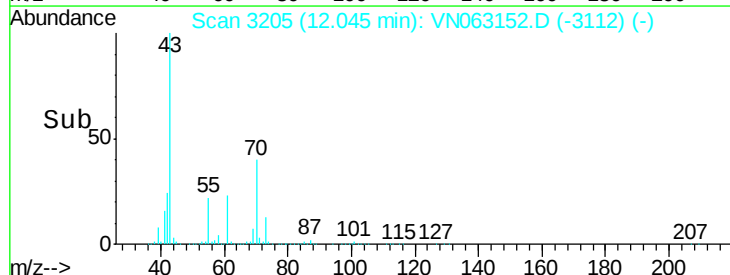
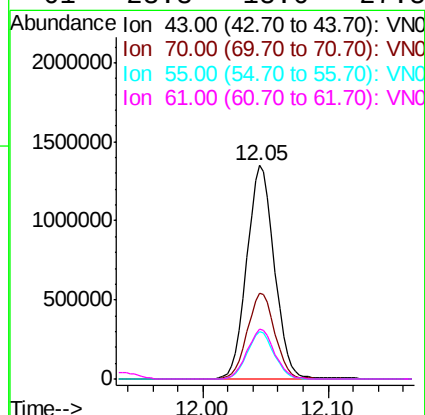
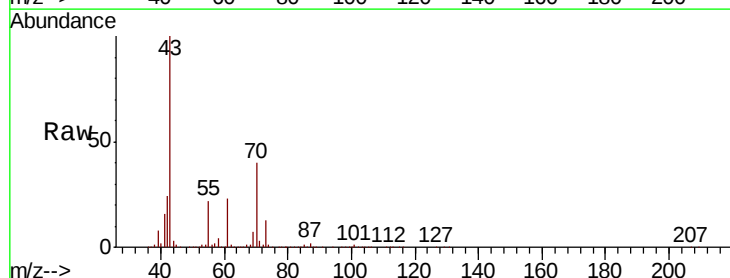
Ion Ratio Lower Upper

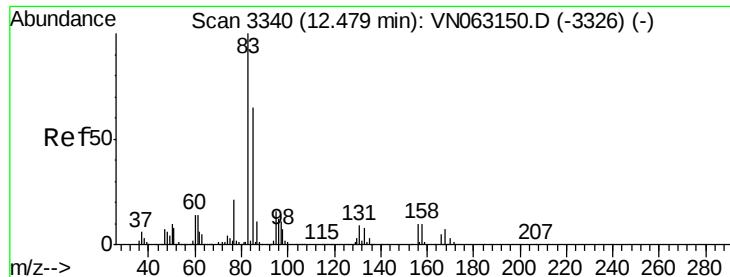
43 100

70 40.7 32.1 48.1

55 21.6 17.4 26.0

61 23.3 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 139.518 ug/l

RT: 12.48 min Scan# 3341

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

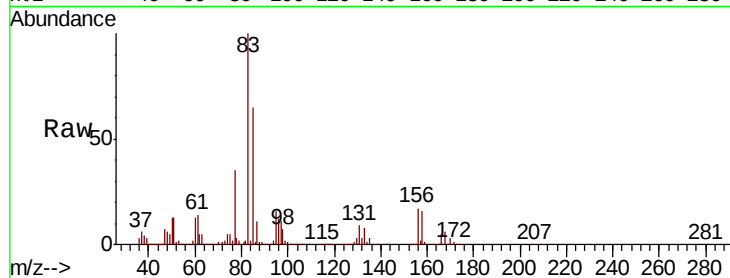
Tot Ion: 83 Resp: 1347179

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.0

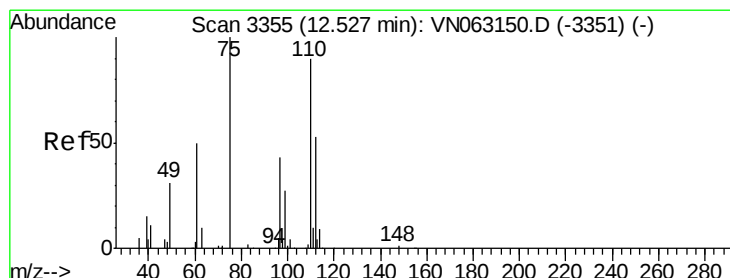
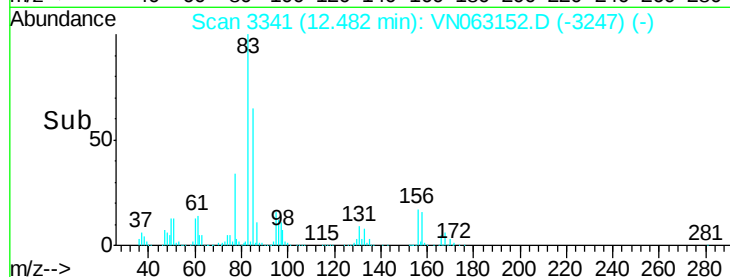
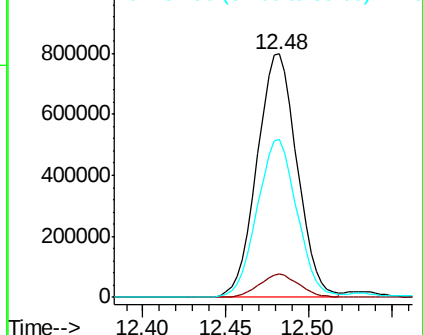
85 64.6 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VN063152.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN063152.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN063152.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 229.355 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063152.D

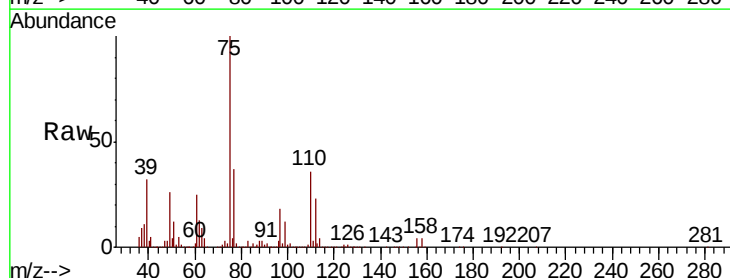
Acq: 31 Aug 2020 14:59

Tgt Ion: 75 Resp: 1838909

Ion Ratio Lower Upper

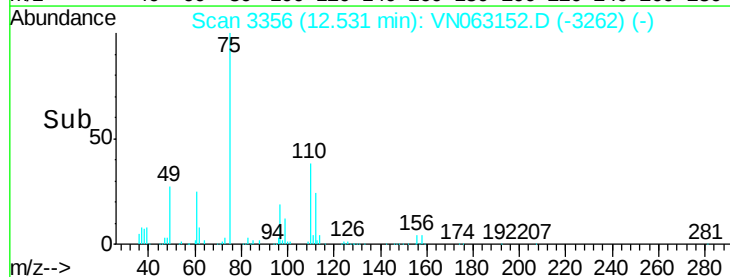
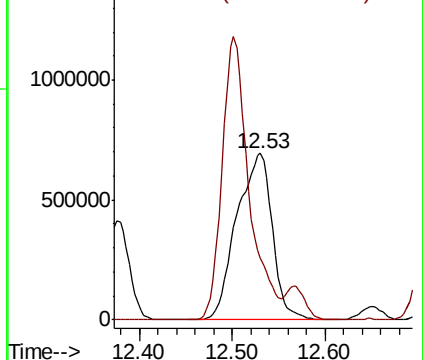
75 100

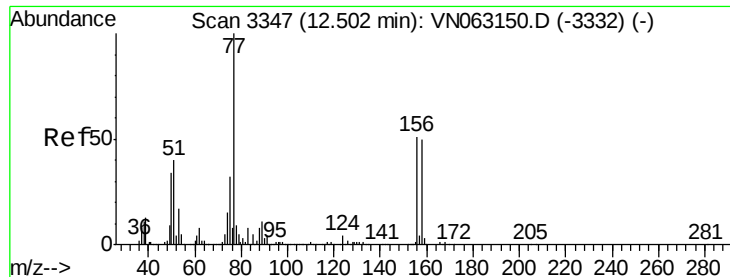
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063152.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN063152.D (-3351) (-)





#77

Bromobenzene

Concen: 121.520 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

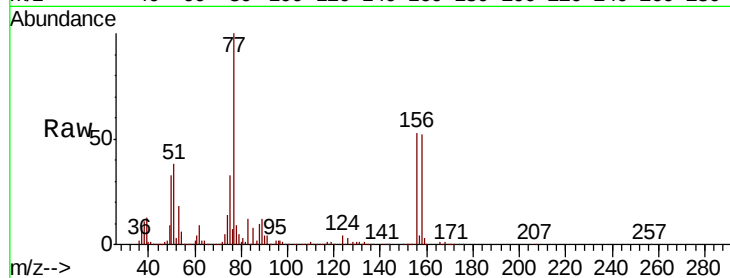
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 1044559

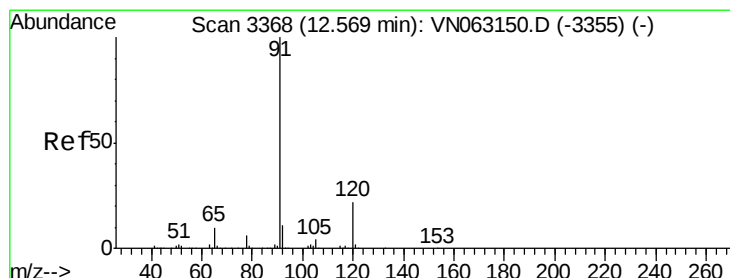
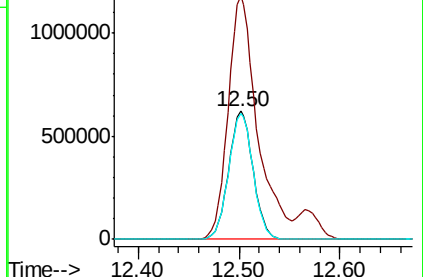
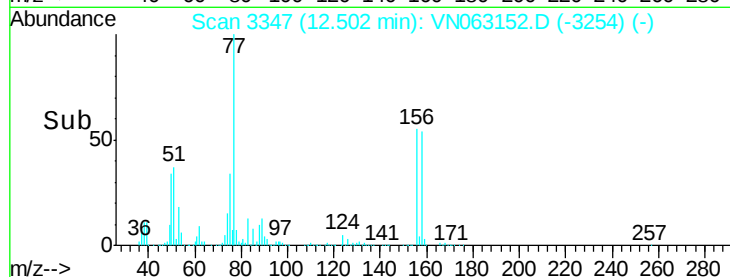
Ion	Ratio	Lower	Upper
156	100		
77	228.1	116.1	348.3
158	98.5	48.8	146.4



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: 133.196 ug/l

RT: 12.57 min Scan# 3368

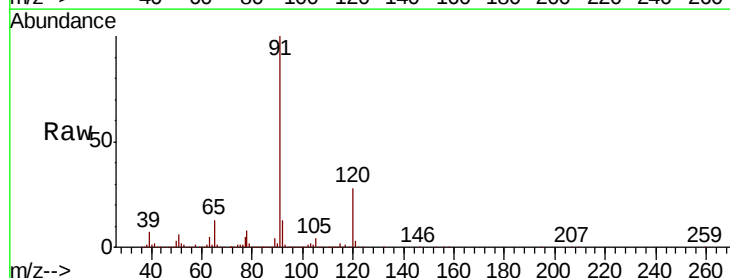
Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

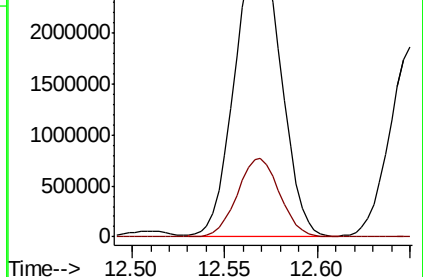
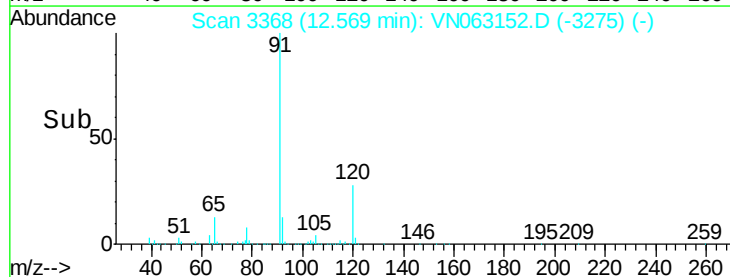
Tgt Ion: 91 Resp: 4855223

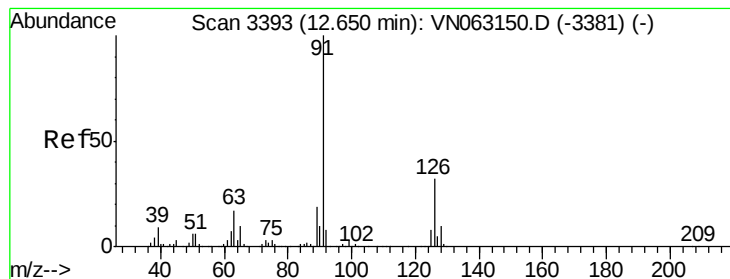
Ion	Ratio	Lower	Upper
91	100		
120	25.3	10.9	32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 139.772 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

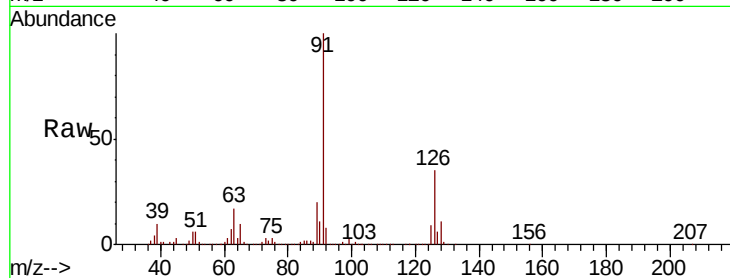
VSTDIC150

Tot Ion: 91 Resp: 3118399

Ion Ratio Lower Upper

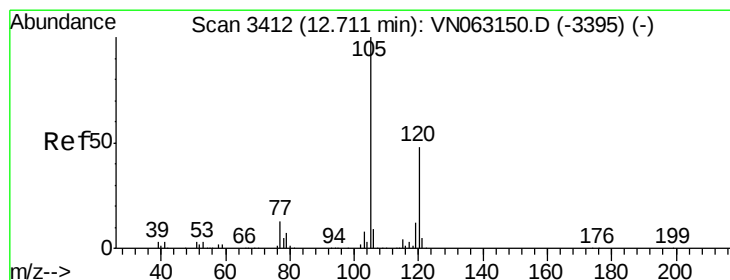
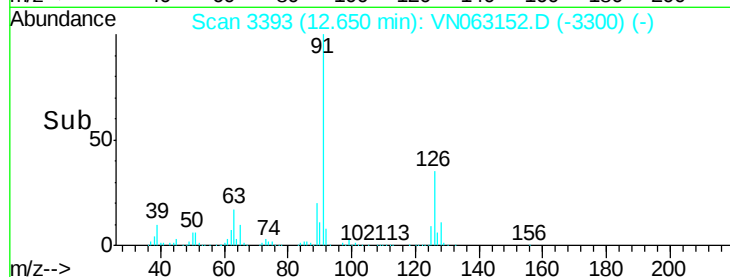
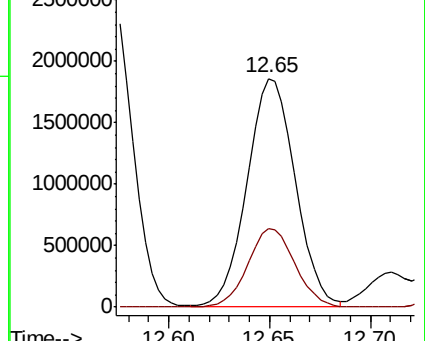
91 100

126 33.7 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063152.D (-3393) (-)

Ion 125.90 (125.60 to 126.60): VN063152.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 146.549 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063152.D

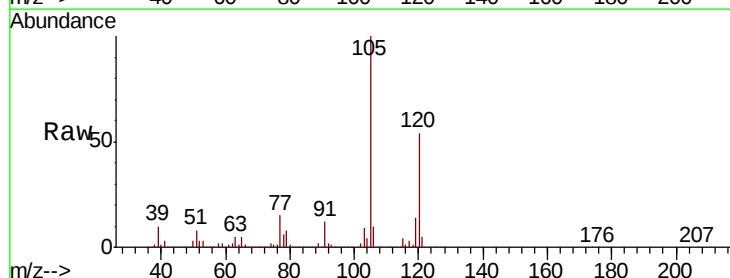
Acq: 31 Aug 2020 14:59

Tgt Ion:105 Resp: 3756734

Ion Ratio Lower Upper

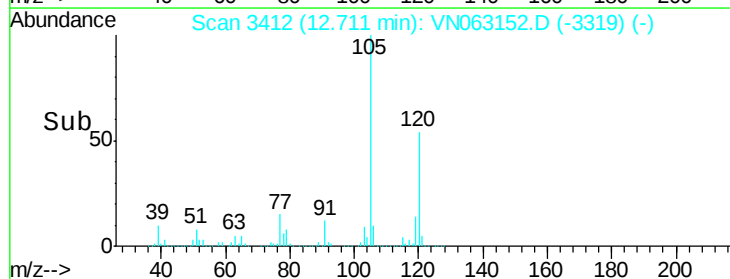
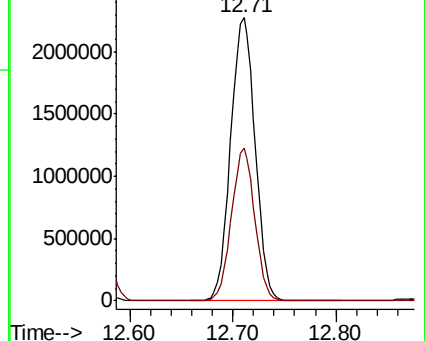
105 100

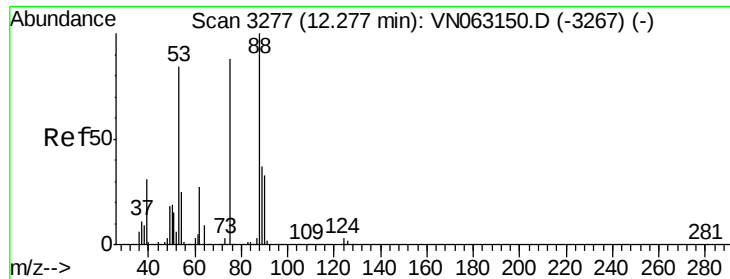
120 51.2 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063152.D (-3412) (-)

Ion 120.00 (119.70 to 120.70): VN063152.D (-3412) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 194.080 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

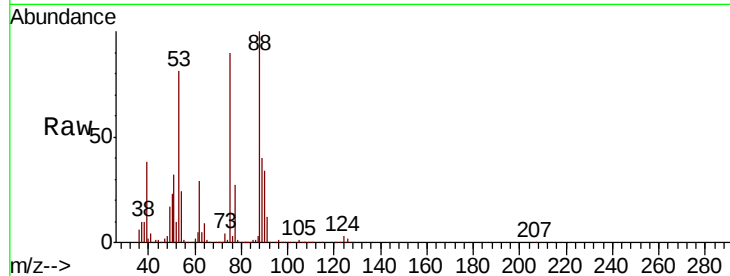
Tot Ion: 75 Resp: 520049

Ion Ratio Lower Upper

75 100

53 93.3 78.7 118.1

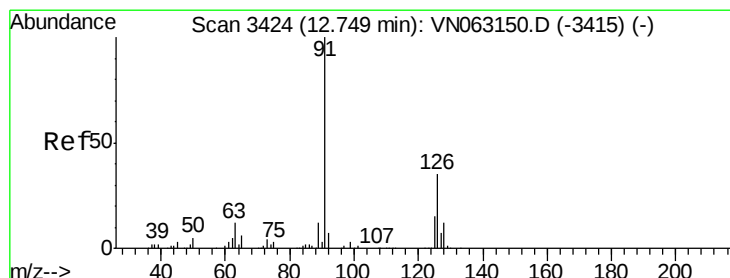
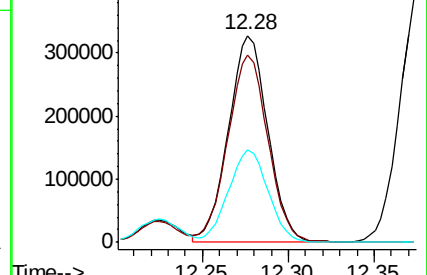
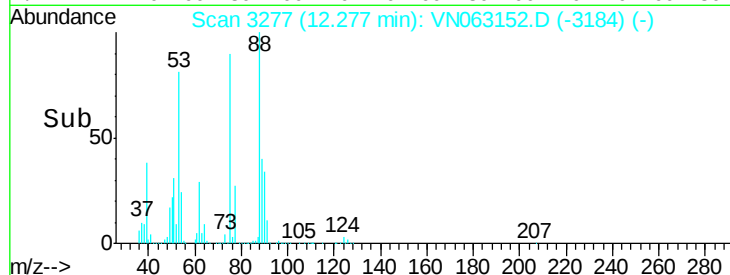
89 45.4 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN063152.D (-3184) (-)

Ion 53.00 (52.70 to 53.70): VN063152.D (-3184) (-)

Ion 88.90 (88.60 to 89.60): VN063152.D (-3184) (-)



#82

4-Chlorotoluene

Concen: 148.067 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063152.D

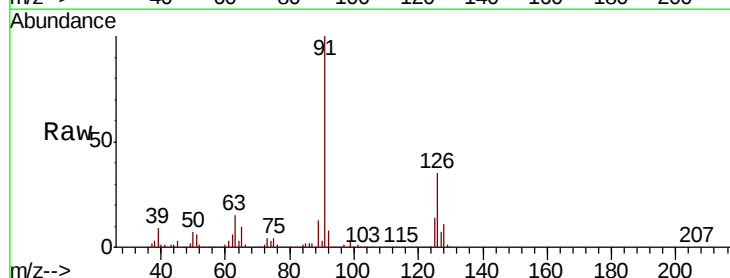
Acq: 31 Aug 2020 14:59

Tgt Ion: 91 Resp: 3326217

Ion Ratio Lower Upper

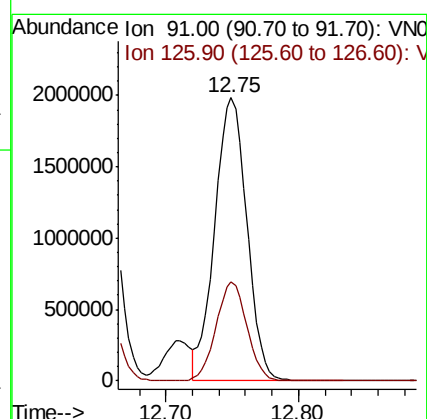
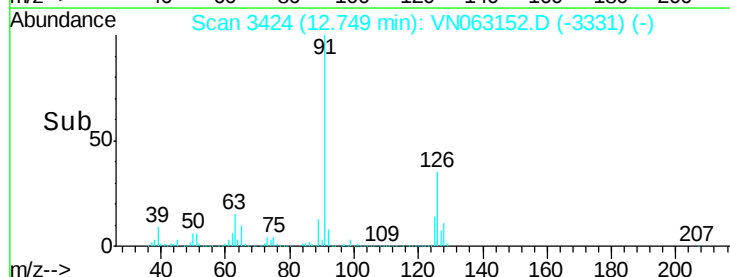
91 100

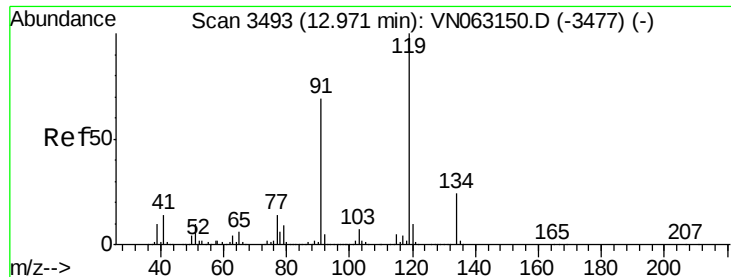
126 33.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN063152.D (-3331) (-)

Ion 125.90 (125.60 to 126.60): VN063152.D (-3331) (-)

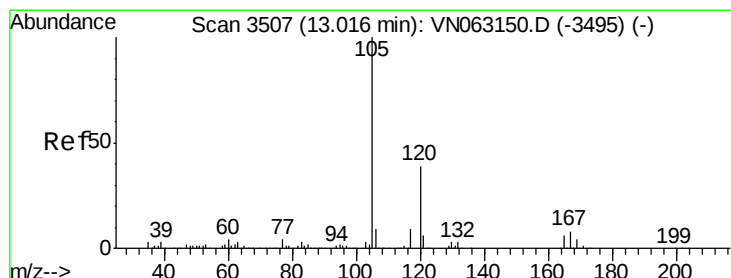
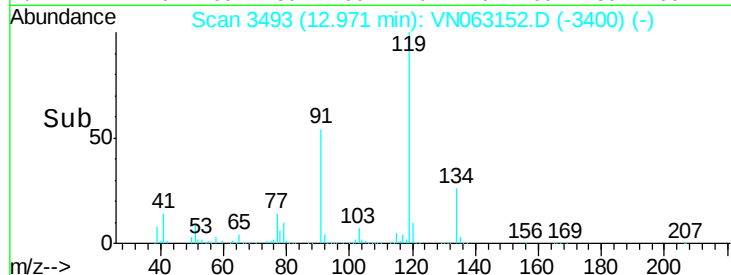
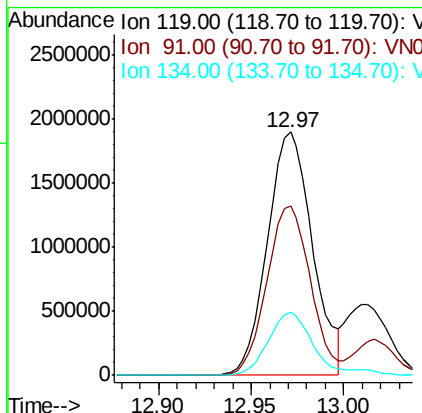
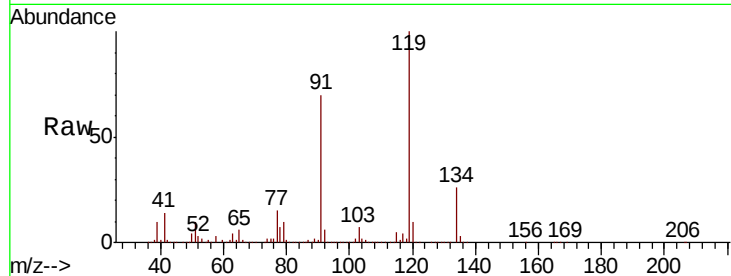




#83
 tert-Butylbenzene
 Concen: 143.551 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063152.D
 Acq: 31 Aug 2020 14:59

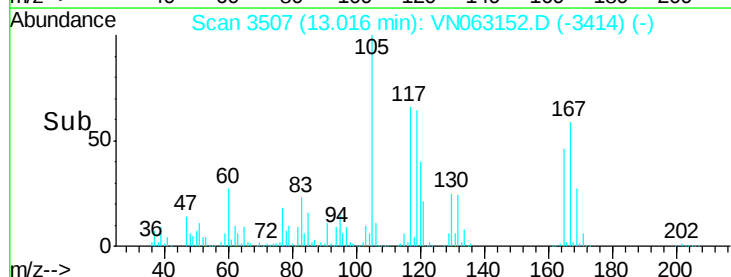
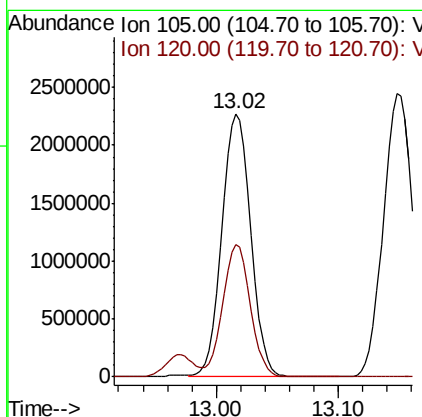
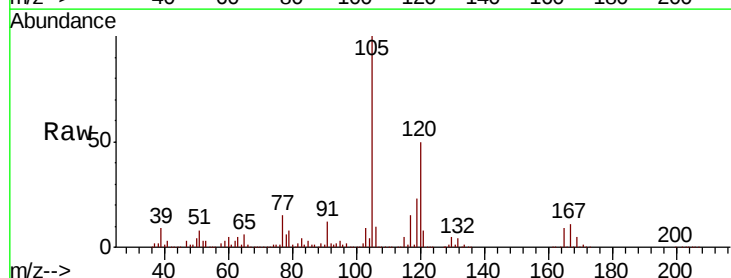
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

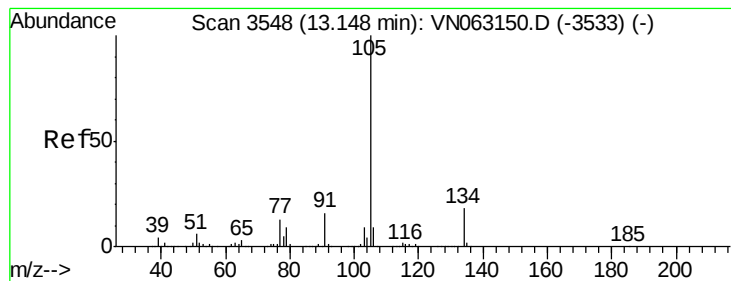
Tot Ion:119 Resp: 3218001
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.7 101.0
 134 26.4 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 145.638 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063152.D
 Acq: 31 Aug 2020 14:59

Tgt Ion:105 Resp: 3770545
 Ion Ratio Lower Upper
 105 100
 120 48.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 138.409 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampled :

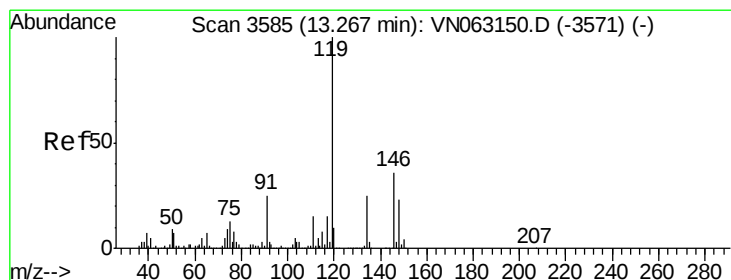
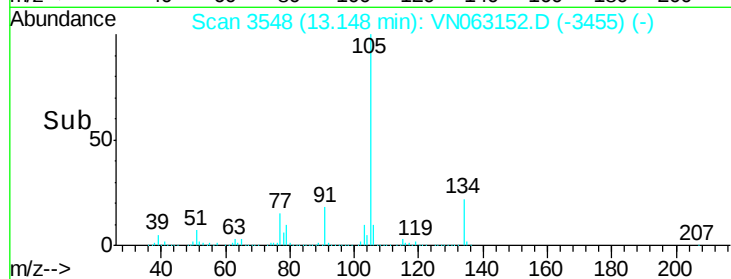
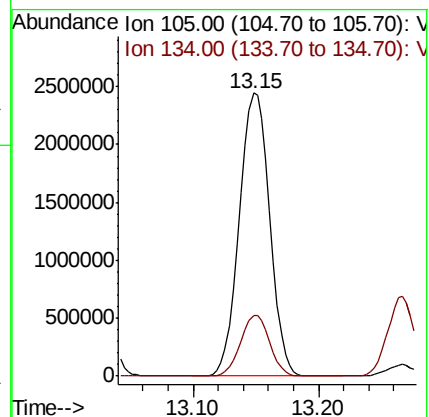
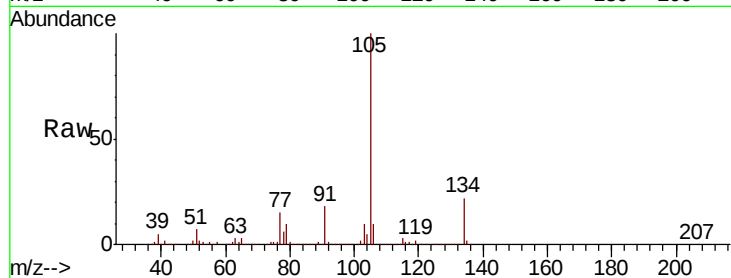
VSTDIC150

Tot Ion:105 Resp: 4109113

Ion Ratio Lower Upper

105 100

134 20.6 9.4 28.3



#86

p-Isopropyltoluene

Concen: 149.848 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

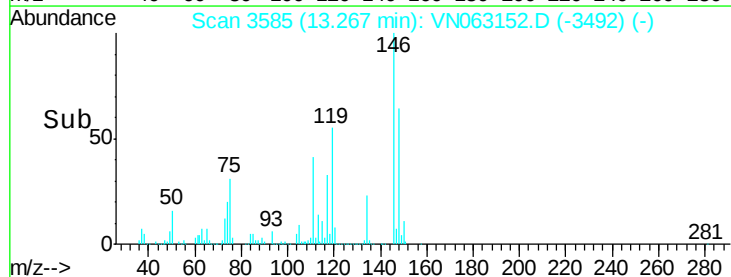
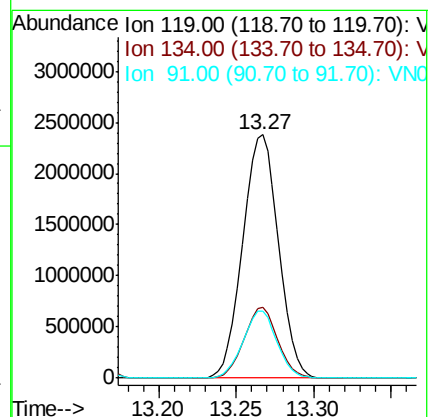
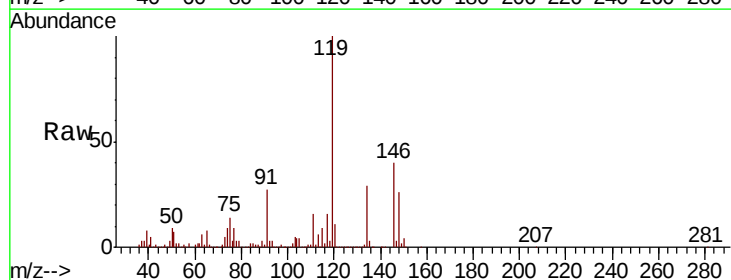
Tgt Ion:119 Resp: 3815402

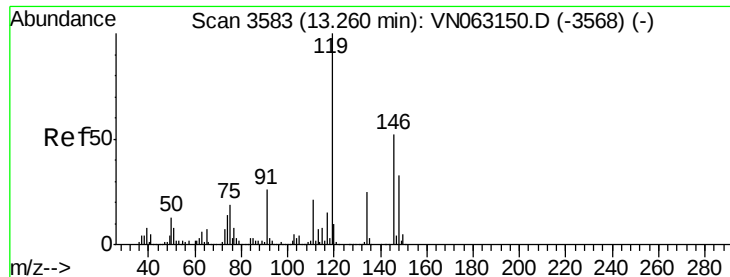
Ion Ratio Lower Upper

119 100

134 27.5 12.4 37.4

91 26.2 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 133.478 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

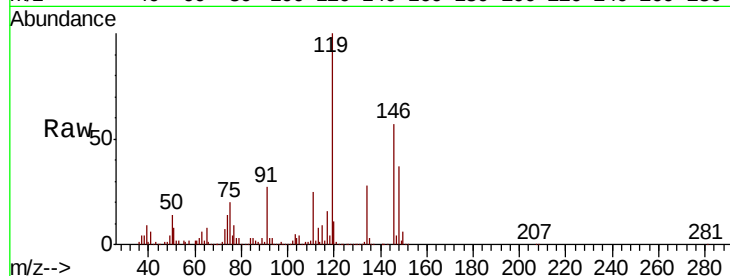
Tot Ion:146 Resp: 2013526

Ion Ratio Lower Upper

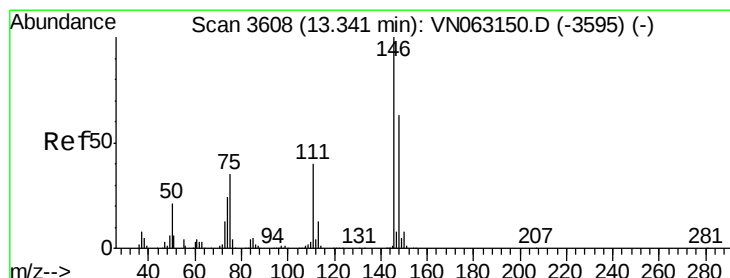
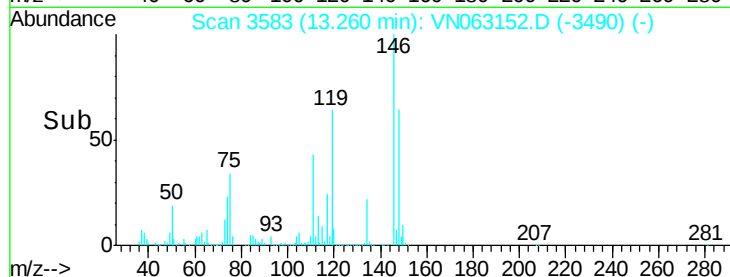
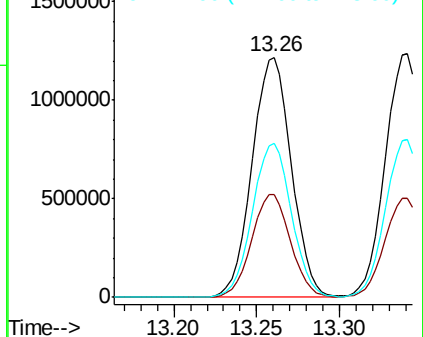
146 100

111 42.2 21.3 63.7

148 63.8 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 133.142 ug/l

RT: 13.34 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

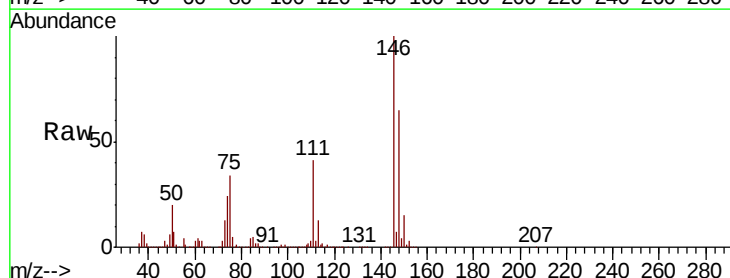
Tgt Ion:146 Resp: 2027903

Ion Ratio Lower Upper

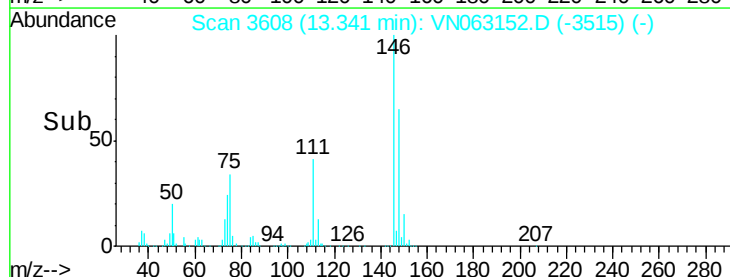
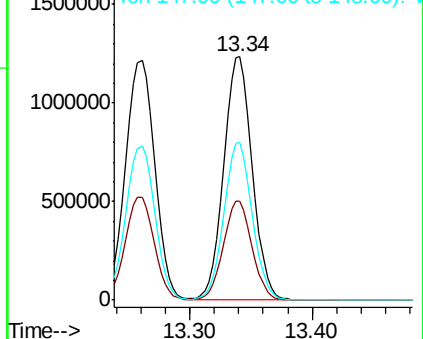
146 100

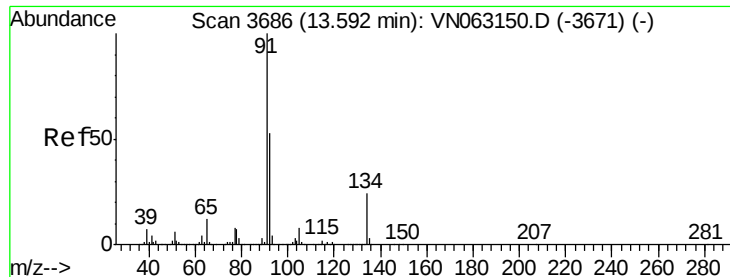
111 40.6 20.5 61.5

148 64.2 31.9 95.7



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





#89

n-Butylbenzene

Concen: 162.472 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

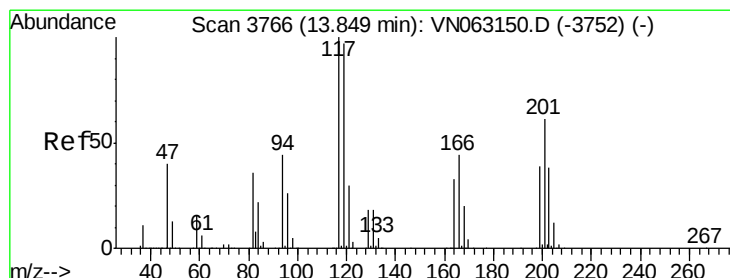
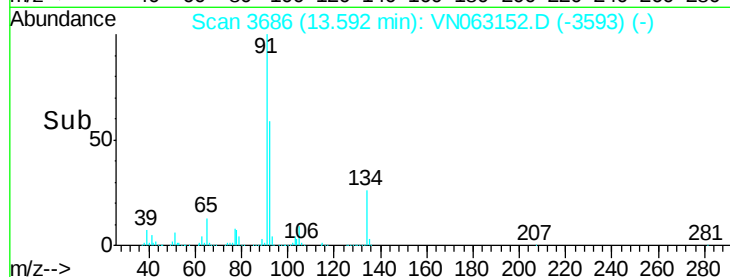
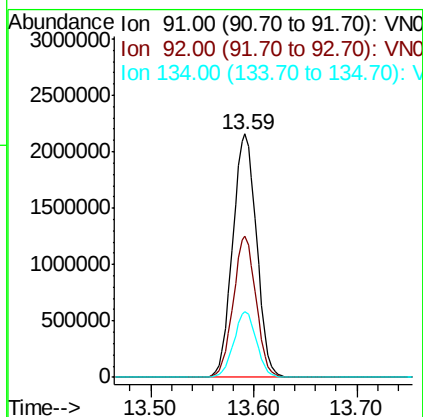
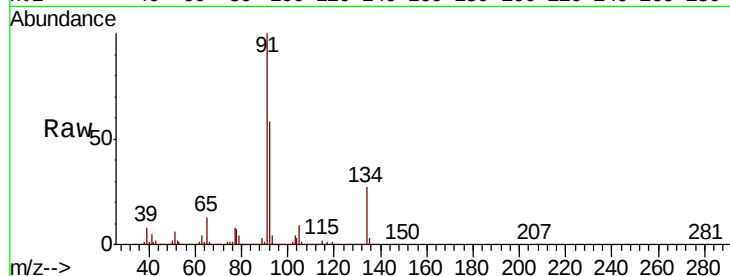
Tot Ion: 91 Resp: 3481131

Ion Ratio Lower Upper

91 100

92 55.5 26.3 78.8

134 25.8 12.0 36.0



#90

Hexachloroethane

Concen: 130.952 ug/l

RT: 13.85 min Scan# 3767

Delta R.T. 0.00 min

Lab File: VN063152.D

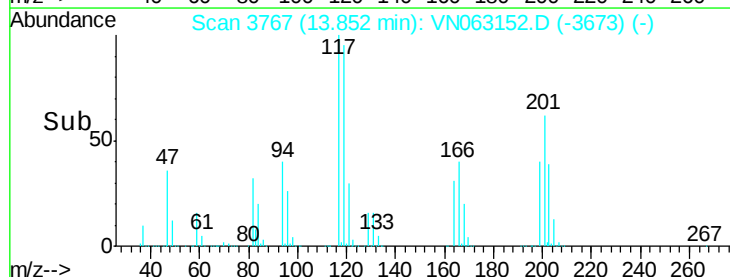
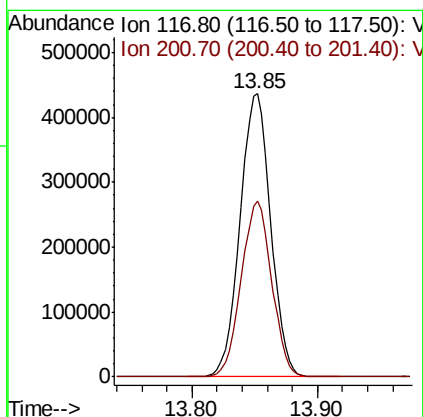
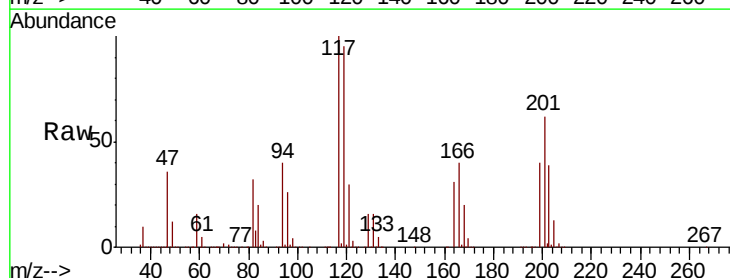
Acq: 31 Aug 2020 14:59

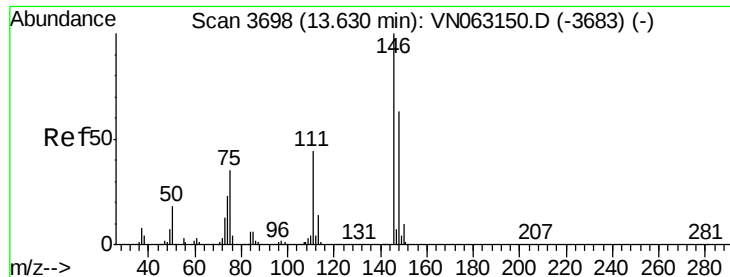
Tgt Ion: 117 Resp: 740388

Ion Ratio Lower Upper

117 100

201 61.8 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 132.858 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

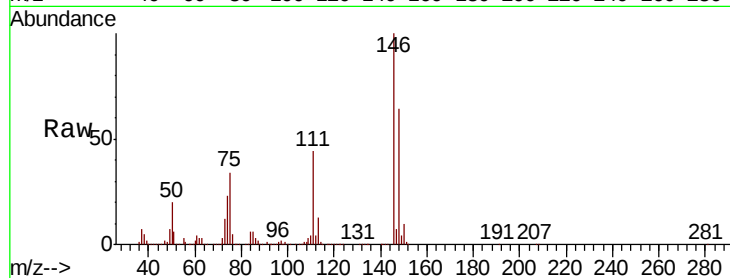
Tot Ion:146 Resp: 1971920

Ion Ratio Lower Upper

146 100

111 43.8 22.0 66.0

148 63.9 31.6 95.0

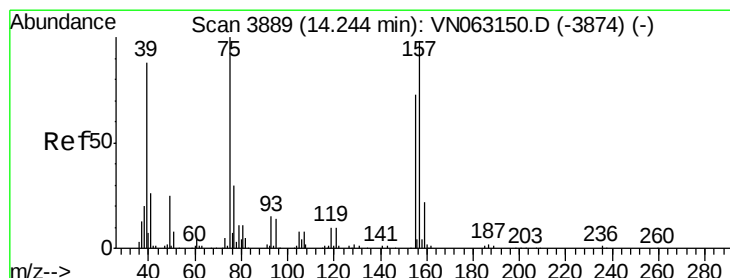
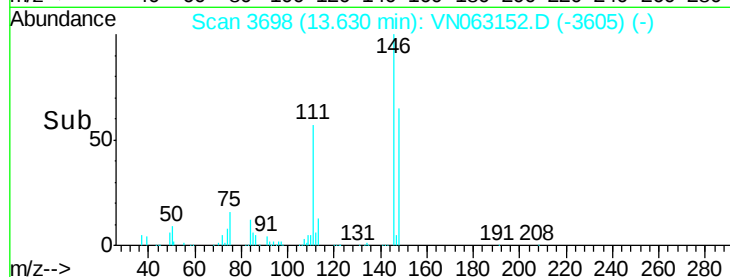
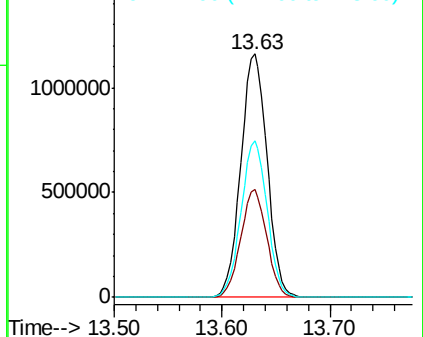


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 179.471 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

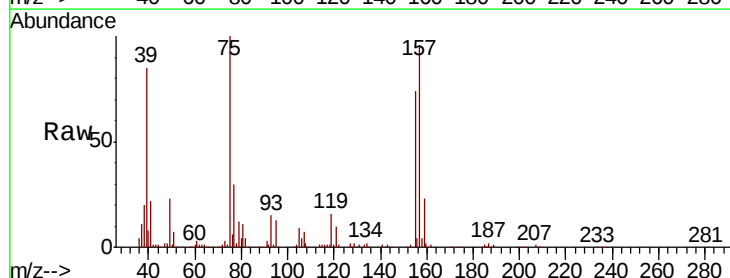
Tgt Ion: 75 Resp: 285692

Ion Ratio Lower Upper

75 100

155 74.6 36.1 108.5

157 96.4 48.4 145.0

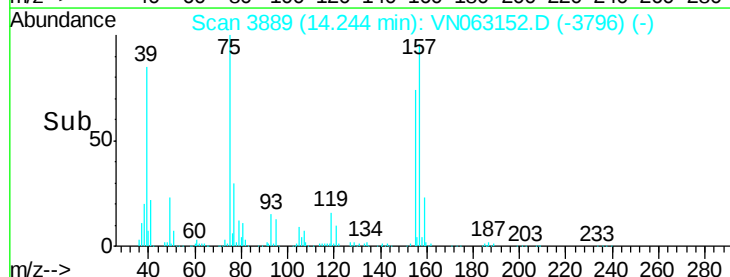
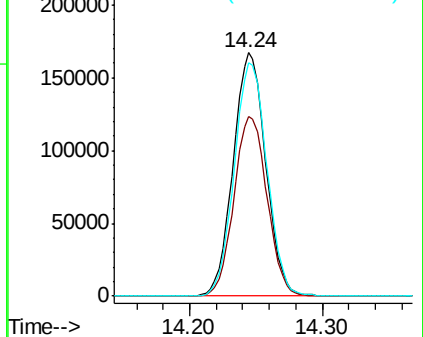


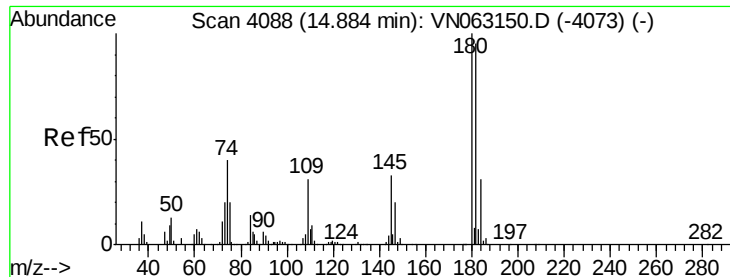
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

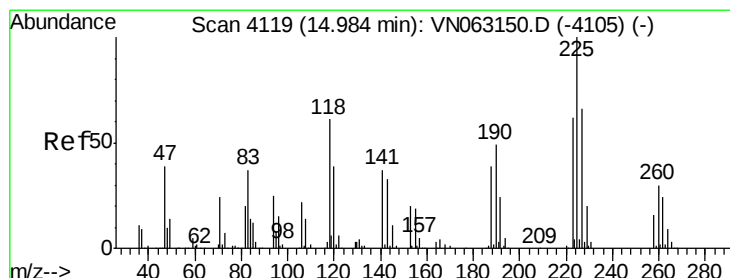
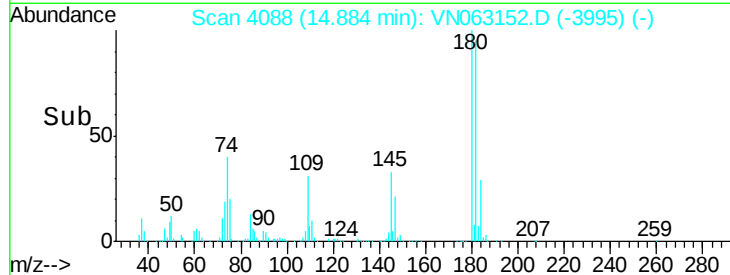
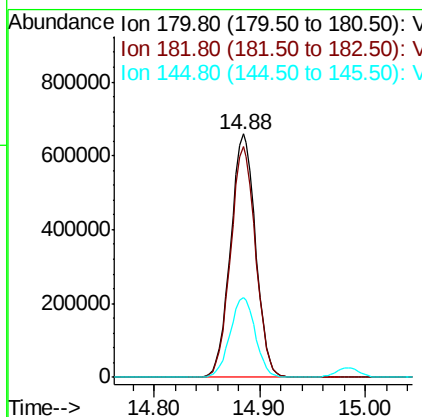
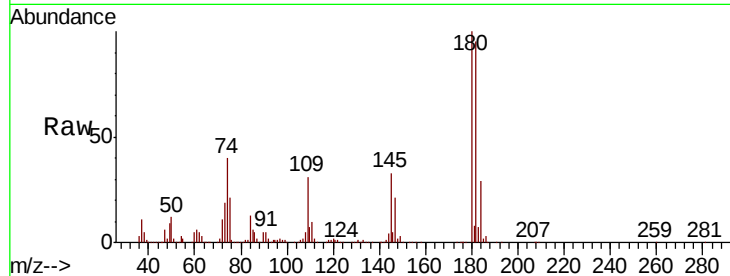




#93
 1,2,4-Trichlorobenzene
 Concen: 156.879 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063152.D
 Acq: 31 Aug 2020 14:59

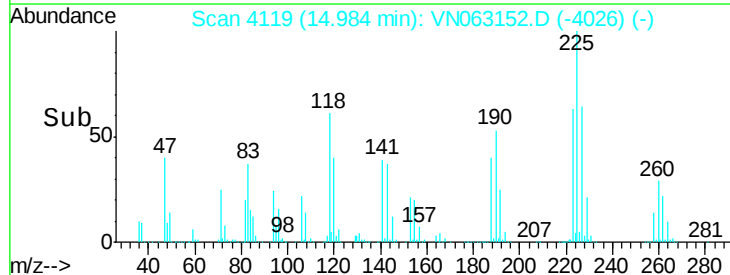
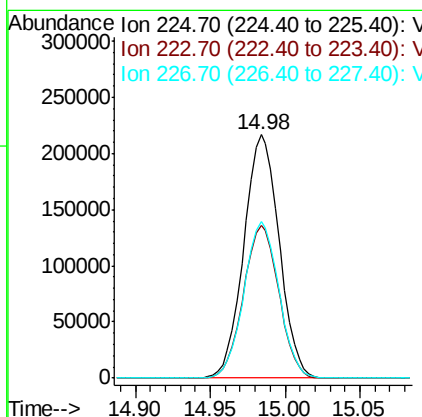
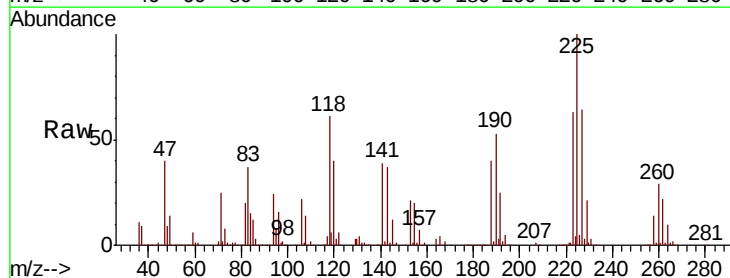
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

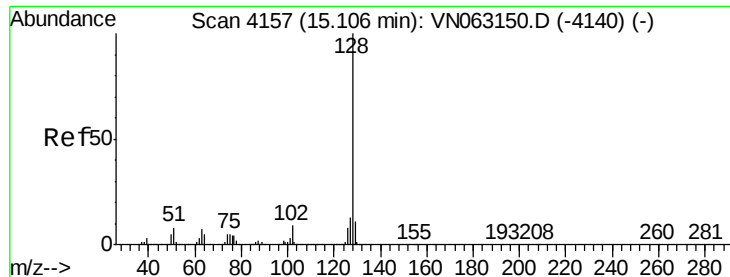
Tot Ion:180 Resp: 1078744
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.5 142.5
 145 33.1 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 77.012 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063152.D
 Acq: 31 Aug 2020 14:59

Tgt Ion:225 Resp: 356438
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.9 92.7
 227 63.8 32.9 98.7





#95

Naphthalene

Concen: 216.418 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Instrument :

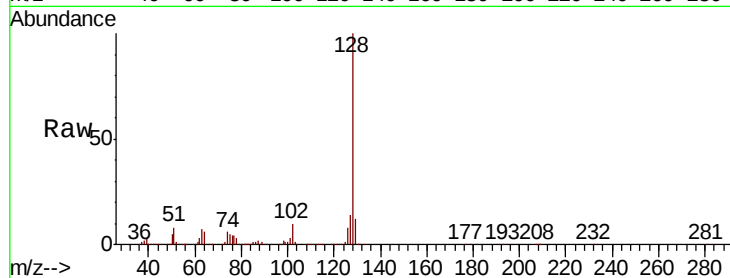
MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion:128 Resp: 3625794

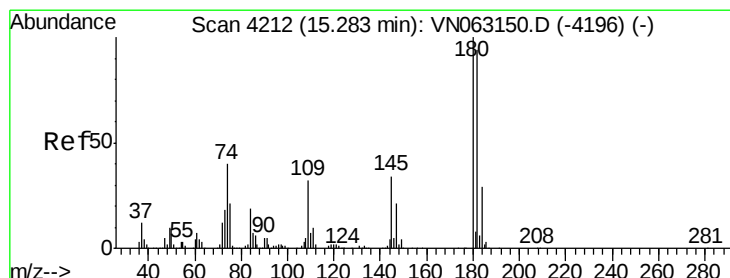
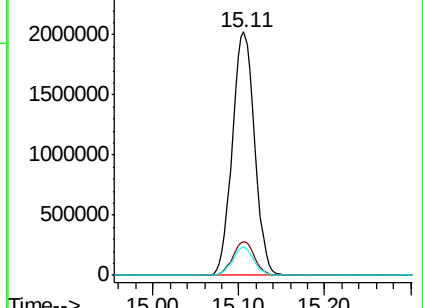
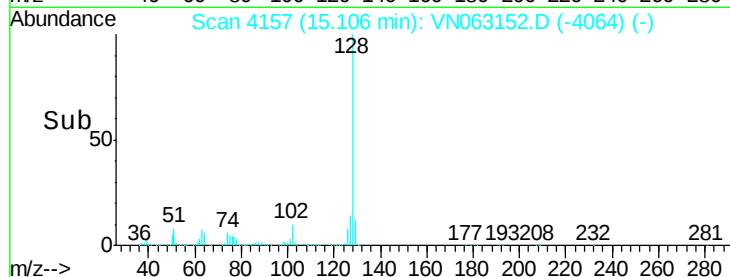
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.1	8.6	13.0



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: 144.459 ug/l

RT: 15.29 min Scan# 4213

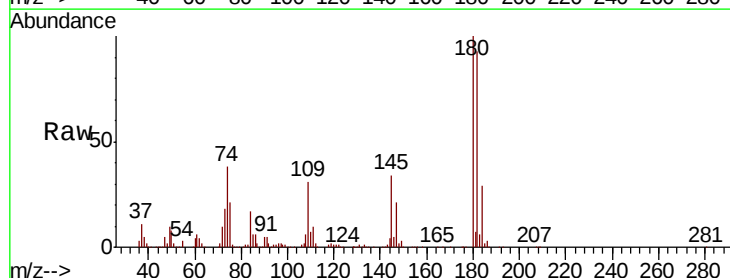
Delta R.T. 0.00 min

Lab File: VN063152.D

Acq: 31 Aug 2020 14:59

Tgt Ion:180 Resp: 1027530

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.5
145	34.3	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

