

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060110.D
 Acq On : 17 Feb 2020 11:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 17 13:57:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	327254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	136622	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
35) Dibromofluoromethane	7.56	113	104315	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.08	98	408677	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.40	95	153063	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	103611	50.790	ug/l 99
3) Chloromethane	2.04	50	128270	52.837	ug/l 97
4) Vinyl Chloride	2.17	62	142280	51.418	ug/l 100
5) Bromomethane	2.54	94	82561	48.659	ug/l 97
6) Chloroethane	2.68	64	72092	51.509	ug/l 99
7) Trichlorofluoromethane	3.00	101	170997	47.930	ug/l 98
8) Diethyl Ether	3.38	74	64380	54.210	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	98316	49.636	ug/l 97
10) Methyl Iodide	3.93	142	132714	49.863	ug/l 99
11) Tert butyl alcohol	4.73	59	114746	308.764	ug/l 99
12) 1,1-Dichloroethene	3.72	96	95848	49.673	ug/l 97
13) Acrolein	3.58	56	63012	171.539	ug/l 96
14) Allyl chloride	4.29	41	154188	54.291	ug/l 95
15) Acrylonitrile	4.94	53	276290	304.428	ug/l 99
16) Acetone	3.78	43	366712	338.528	ug/l 98
17) Carbon Disulfide	4.03	76	282365	48.549	ug/l 99
18) Methyl Acetate	4.29	43	125741	61.792	ug/l 97
19) Methyl tert-butyl Ether	5.00	73	348358	53.684	ug/l 99
20) Methylene Chloride	4.52	84	109964	50.882	ug/l 97
21) trans-1,2-Dichloroethene	5.01	96	104441	49.654	ug/l 98
22) Diisopropyl ether	5.91	45	353894	56.857	ug/l 95
23) Vinyl Acetate	5.86	43	1547612	296.084	ug/l 97
24) 1,1-Dichloroethane	5.81	63	195384	51.818	ug/l 99
25) 2-Butanone	6.80	43	455992	334.702	ug/l 96
26) 2,2-Dichloropropane	6.79	77	180799	50.483	ug/l 99
27) cis-1,2-Dichloroethene	6.80	96	124828	50.710	ug/l 97
28) Bromochloromethane	7.17	49	82418	55.600	ug/l 93
29) Tetrahydrofuran	7.18	42	256794	307.245	ug/l 95
30) Chloroform	7.35	83	203330	51.479	ug/l 99
31) Cyclohexane	7.63	56	180174	51.297	ug/l 94
32) 1,1,1-Trichloroethane	7.54	97	181599	50.313	ug/l 99
36) 1,1-Dichloropropene	7.77	75	152817	50.415	ug/l 99
37) Ethyl Acetate	6.90	43	160917	58.740	ug/l 99
38) Carbon Tetrachloride	7.75	117	157128	47.731	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	192312	51.111	ug/l	98
40) Benzene	8.02	78	452230	50.295	ug/l	100
41) Methacrylonitrile	7.18	41	236110	205.517	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	165318	52.458	ug/l	99
43) Isopropyl Acetate	8.14	43	271351	57.945	ug/l	98
44) Trichloroethene	8.82	130	119630	48.050	ug/l	98
45) 1,2-Dichloropropane	9.10	63	118516	53.240	ug/l	99
46) Dibromomethane	9.19	93	81904	52.065	ug/l	96
47) Bromodichloromethane	9.38	83	165052	51.607	ug/l	99
48) Methyl methacrylate	9.18	41	121876	58.007	ug/l	96
49) 1,4-Dioxane	9.18	88	44039	1226.759	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	814667	300.555	ug/l	98
52) Toluene	10.14	92	290397	50.364	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	193992	53.736	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	199878	52.580	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	114358	50.838	ug/l	97
56) Ethyl methacrylate	10.42	69	182780	57.440	ug/l	97
57) 1,3-Dichloropropane	10.70	76	194299	52.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	434377	293.011	ug/l	97
59) 2-Hexanone	10.74	43	670708	320.327	ug/l	98
60) Dibromochloromethane	10.89	129	131340	50.880	ug/l	99
61) 1,2-Dibromoethane	10.99	107	122979	52.152	ug/l	99
64) Tetrachloroethene	10.62	164	107664	46.002	ug/l	99
65) Chlorobenzene	11.43	112	308747	49.223	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	116642	49.157	ug/l	99
67) Ethyl Benzene	11.50	91	569399	50.332	ug/l	98
68) m/p-Xylenes	11.62	106	425690	100.260	ug/l	98
69) o-Xylene	11.94	106	204677	50.067	ug/l	98
70) Styrene	11.96	104	344013	52.183	ug/l	99
71) Bromoform	12.12	173	99617	52.197	ug/l #	98
73) Isopropylbenzene	12.25	105	561987	48.492	ug/l	99
74) N-amyl acetate	12.07	43	246168	58.906	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	174582	52.337	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	239092	80.524	ug/l #	100
77) Bromobenzene	12.52	156	137600	47.843	ug/l	93
78) n-propylbenzene	12.59	91	656205	49.698	ug/l	100
79) 2-Chlorotoluene	12.67	91	381824	49.199	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	479072	49.718	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	67631	55.771	ug/l	99
82) 4-Chlorotoluene	12.77	91	395940	49.727	ug/l	98
83) tert-Butylbenzene	12.99	119	405181	47.534	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	475137	49.952	ug/l	100
85) sec-Butylbenzene	13.17	105	549978	48.719	ug/l	100
86) p-Isopropyltoluene	13.28	119	503960	49.272	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	249613	49.030	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	251462	49.403	ug/l	99
89) n-Butylbenzene	13.61	91	464488	51.631	ug/l	99
90) Hexachloroethane	13.87	117	92987	48.664	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	241567	48.485	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	38522	54.380	ug/l	94

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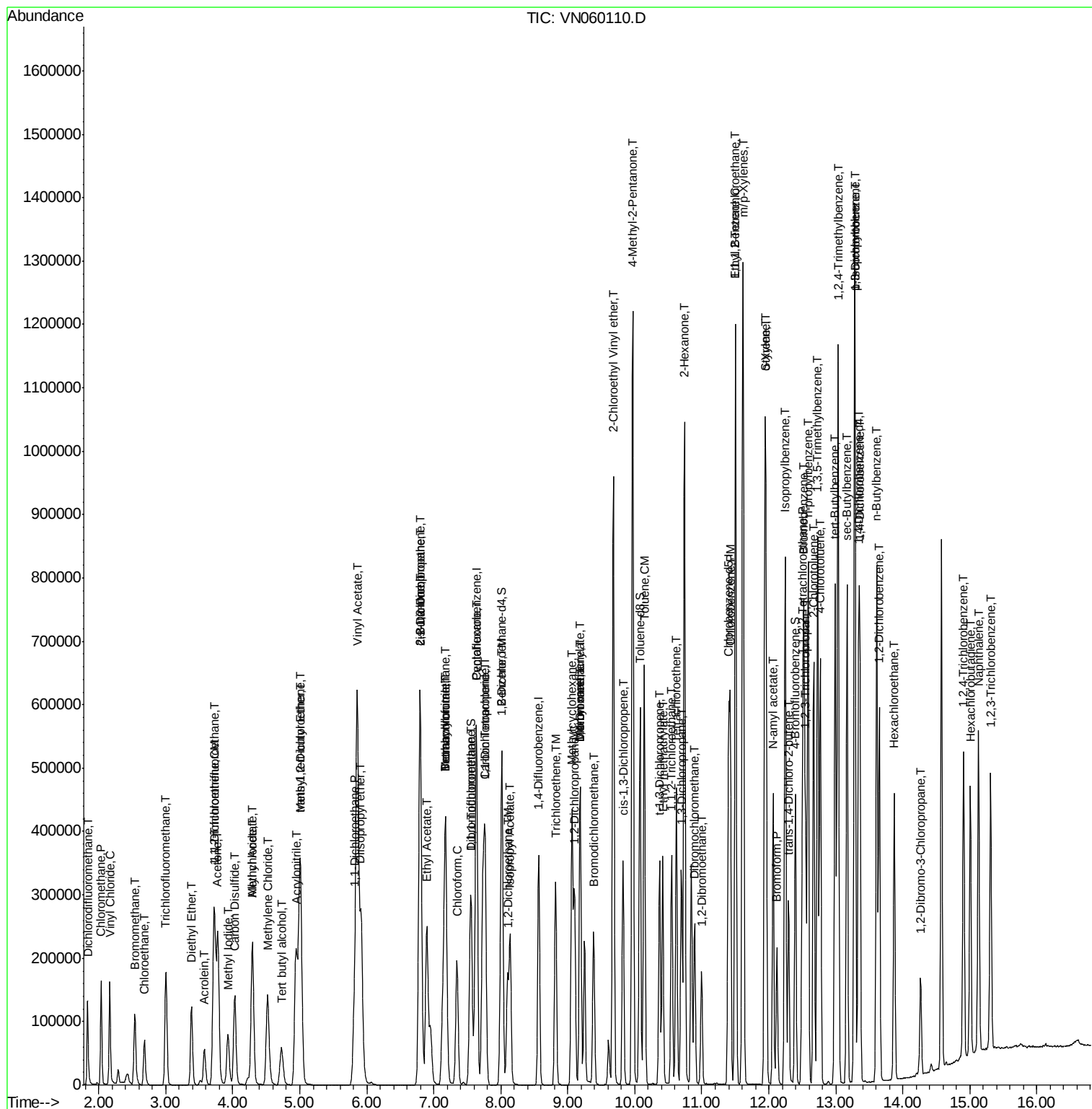
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	153228	52.342	ug/l	100
94) Hexachlorobutadiene	15.01	225	80325	46.870	ug/l	99
95) Naphthalene	15.13	128	429006	54.251	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	147118	50.465	ug/l	100

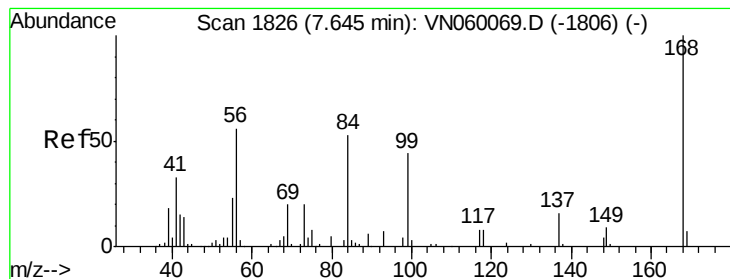
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

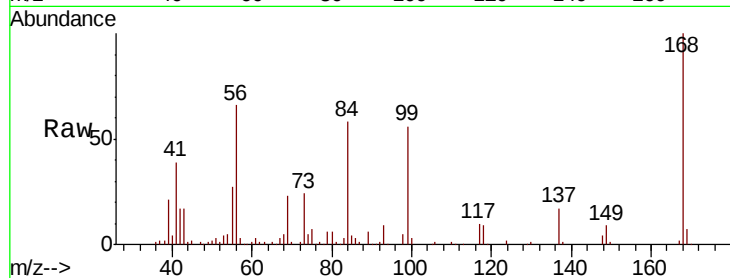
ClientSampled :

Tot Ion:168 Resp: 204089

Ion Ratio Lower Upper

168 100

99 56.2 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

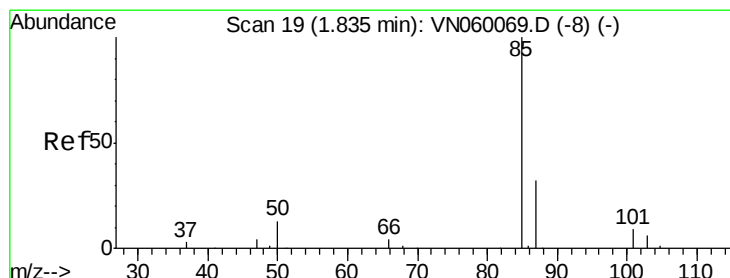
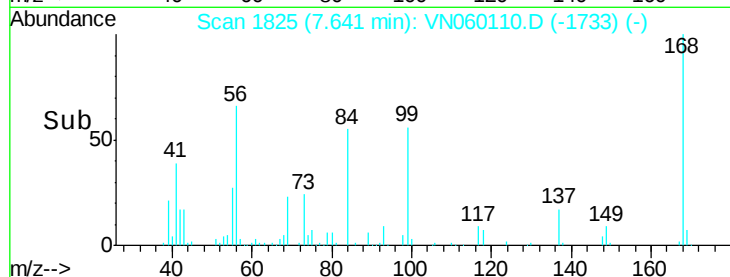
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.790 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060110.D

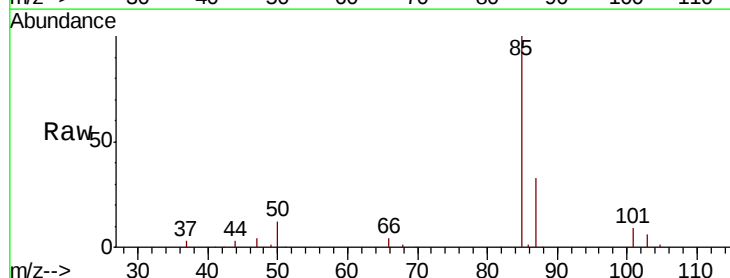
Acq: 17 Feb 2020 11:27

Tgt Ion: 85 Resp: 103611

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

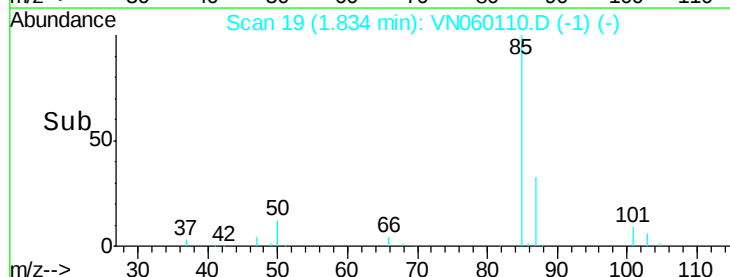
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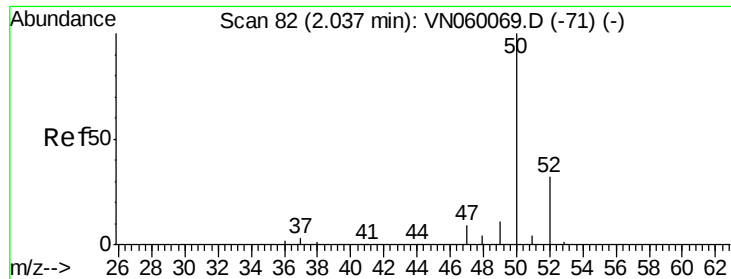
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1.75 1.80 1.85 1.90 1.95

Time-->

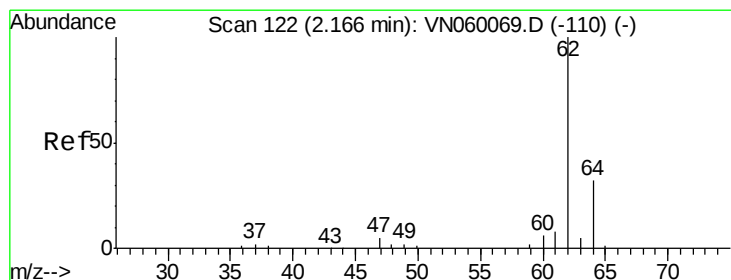
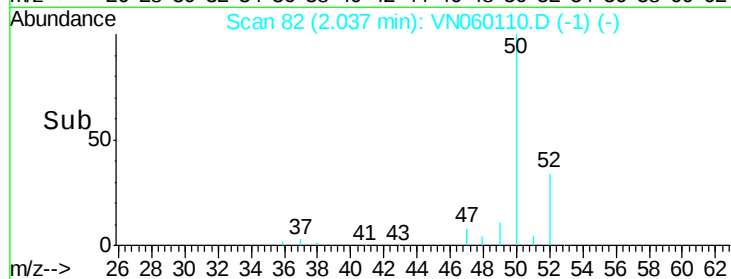
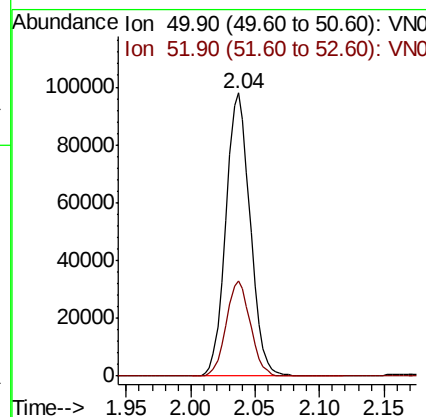
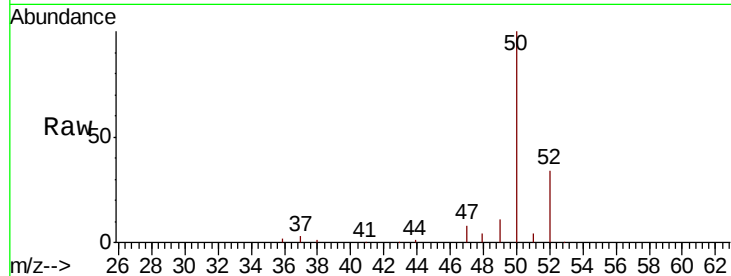




#3
 Chloromethane
 Concen: 52.837 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

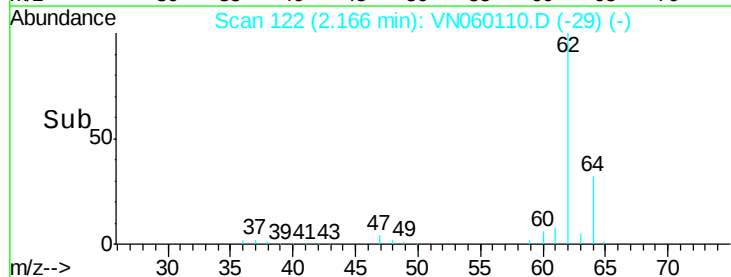
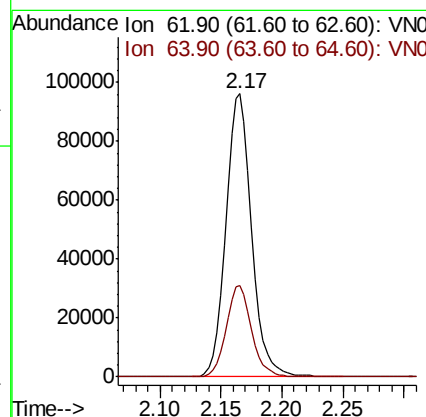
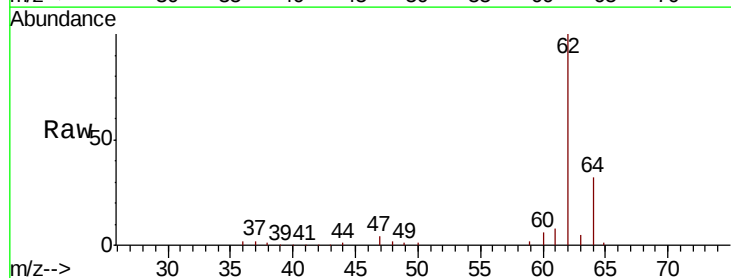
Instrument :
 MSVOA_N
 ClientSampled :

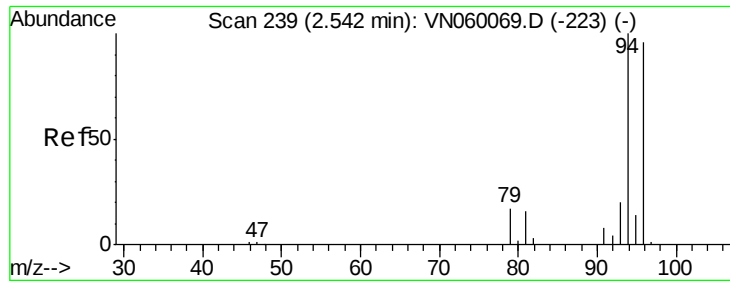
Tot Ion: 50 Resp: 128270
 Ion Ratio Lower Upper
 50 100
 52 33.8 25.6 38.4



#4
 Vinyl Chloride
 Concen: 51.418 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Tgt Ion: 62 Resp: 142280
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.9 38.9





#5

Bromomethane

Concen: 48.659 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

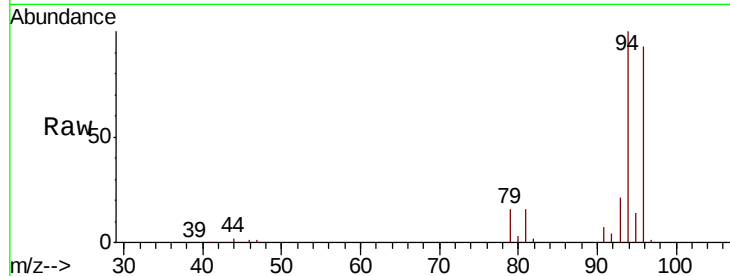
ClientSampleId :

Tot Ion: 94 Resp: 82561

Ion Ratio Lower Upper

94 100

96 92.9 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN060110.D (-146) (-)

Ion 95.90 (95.60 to 96.60): VN060110.D (-146) (-)

2.54

40000

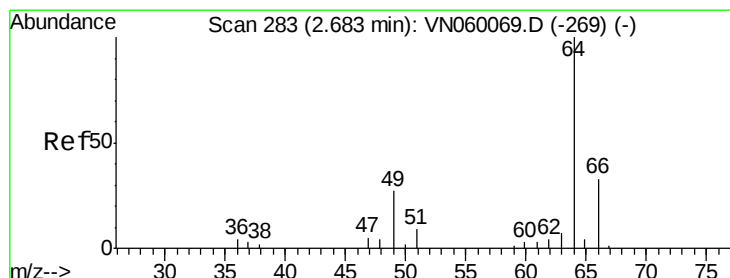
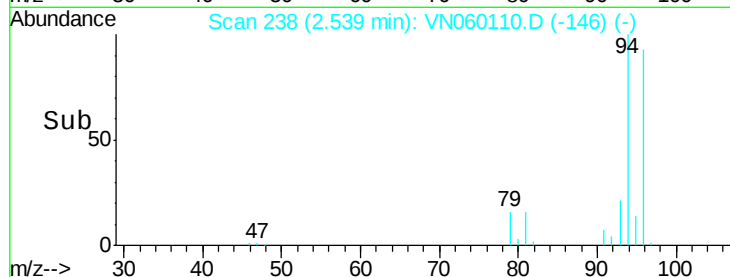
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 51.509 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060110.D

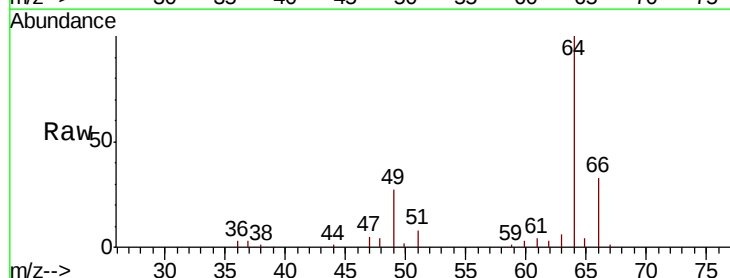
Acq: 17 Feb 2020 11:27

Tgt Ion: 64 Resp: 72092

Ion Ratio Lower Upper

64 100

66 32.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN060110.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060110.D (-190) (-)

2.68

40000

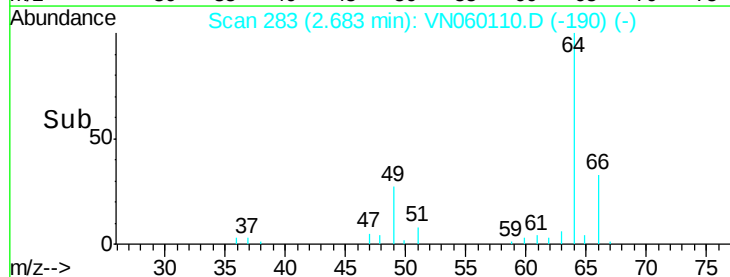
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20000

10000

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Time-->



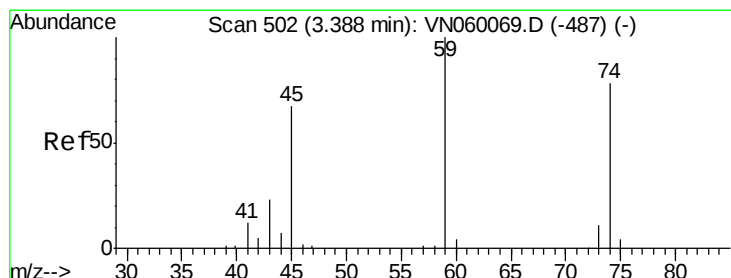
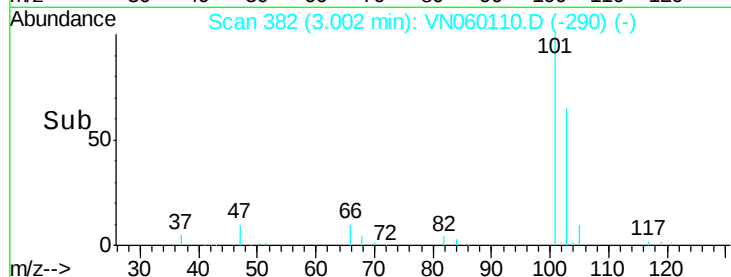
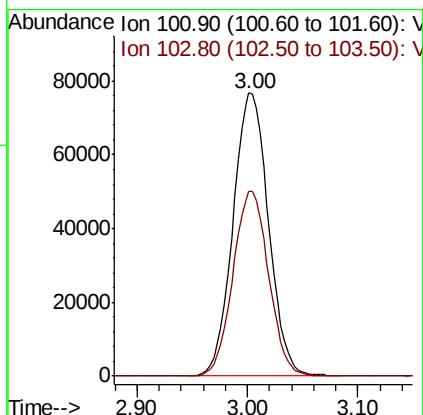
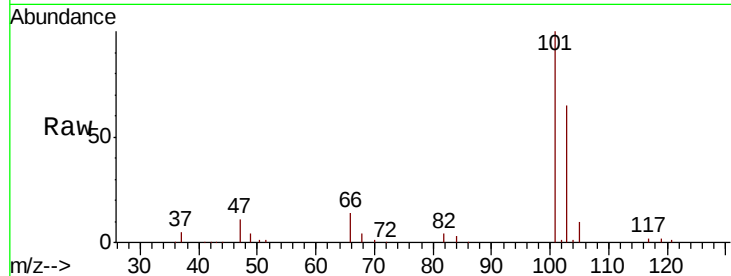


#7

Trichlorofluoromethane
 Concen: 47.930 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Instrument :
 MSVOA_N
 ClientSampled :

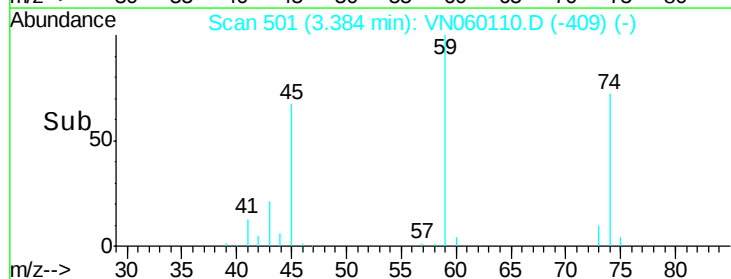
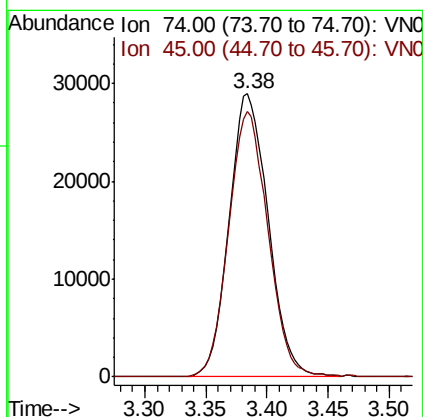
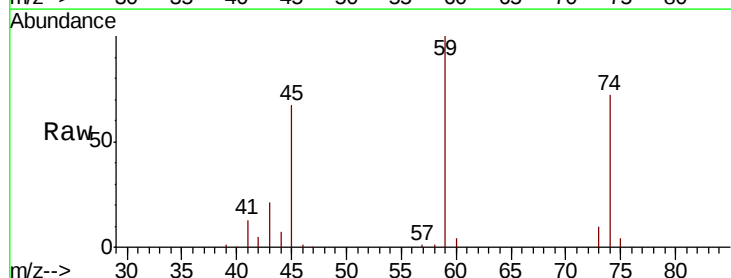
Tot Ion:101 Resp: 170997
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.0 76.6



#8

Diethyl Ether
 Concen: 54.210 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Tgt Ion: 74 Resp: 64380
 Ion Ratio Lower Upper
 74 100
 45 94.3 44.7 134.1

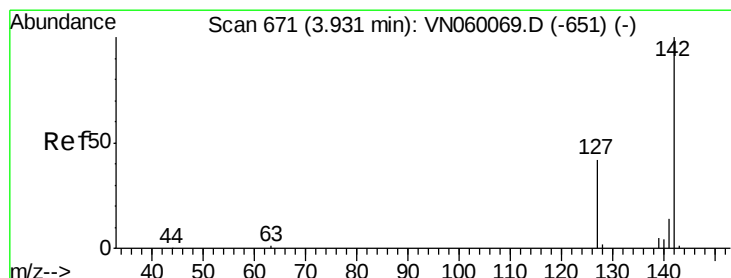
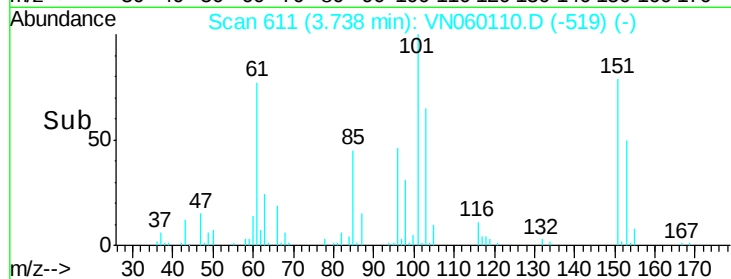
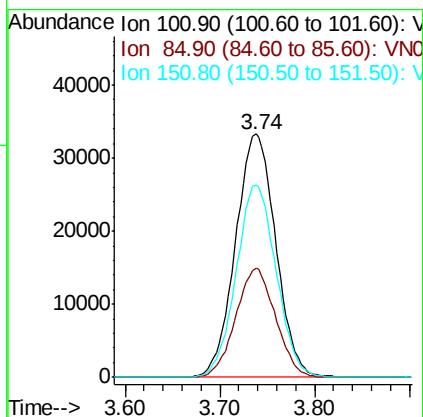
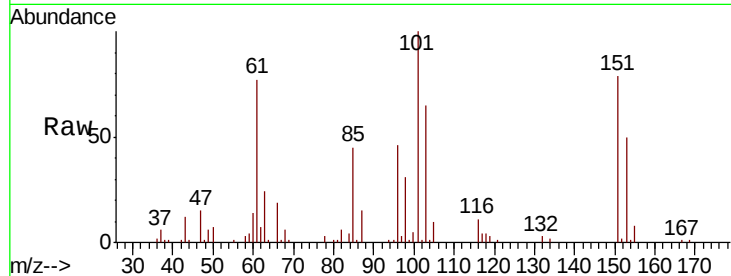




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.636 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

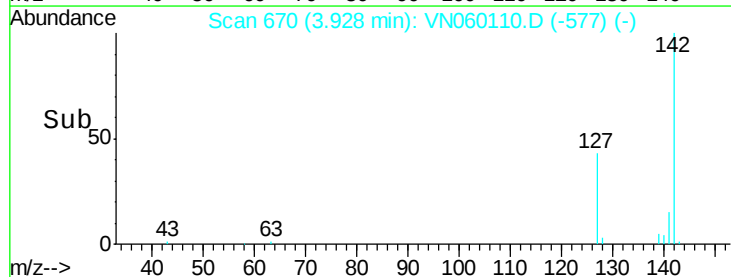
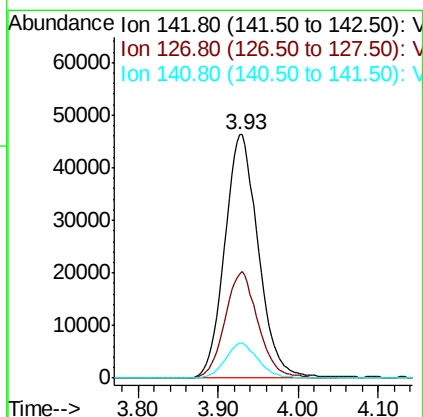
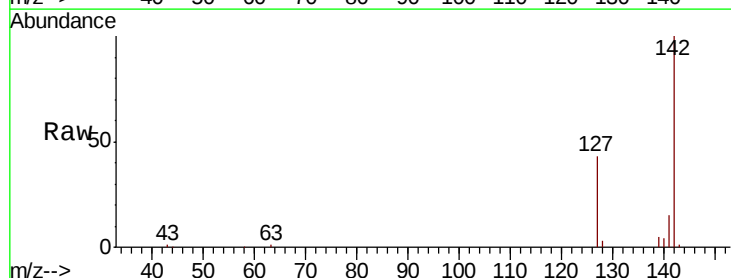
Instrument :
 MSVOA_N
 ClientSampled :

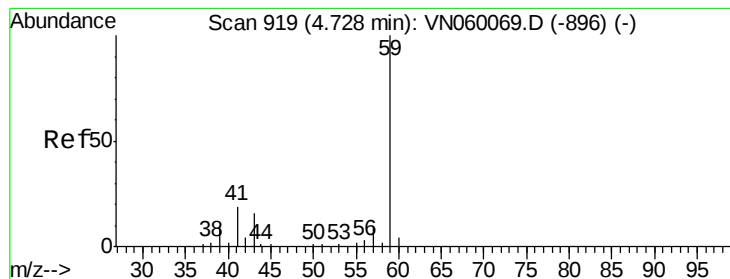
Tot Ion:101 Resp: 98316
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.1 52.7
 151 78.7 65.8 98.6



#10
 Methyl Iodide
 Concen: 49.863 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Tgt Ion:142 Resp: 132714
 Ion Ratio Lower Upper
 142 100
 127 43.0 33.6 50.4
 141 14.0 11.4 17.2



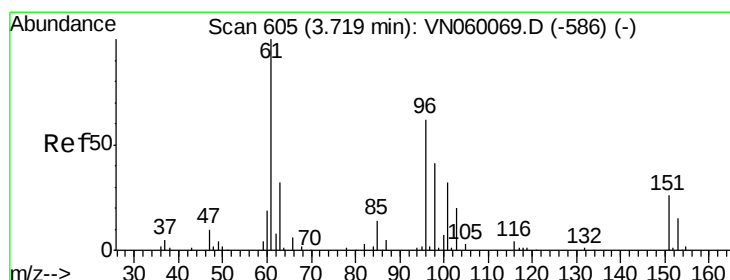
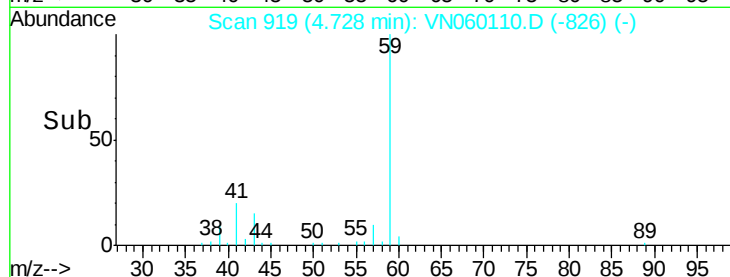
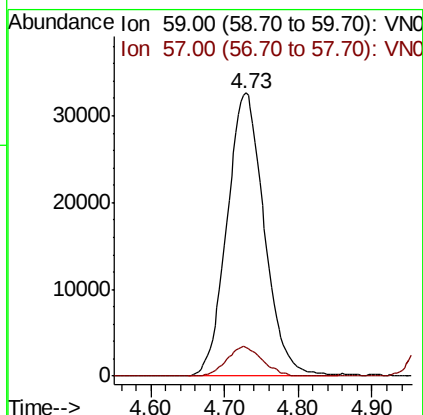
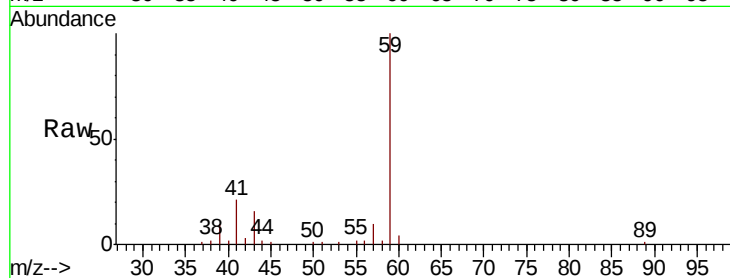


#11

Tert butyl alcohol
Concen: 308.764 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :

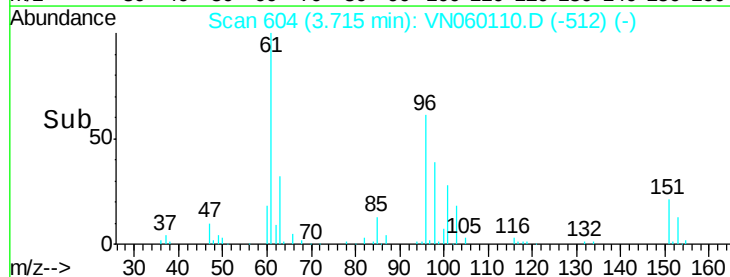
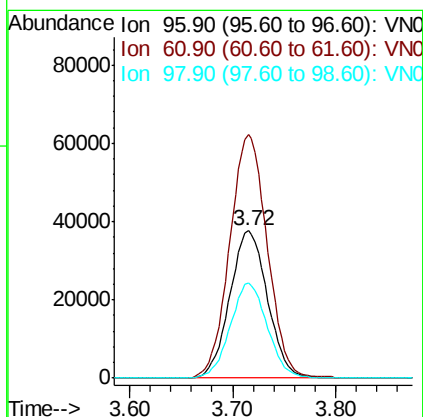
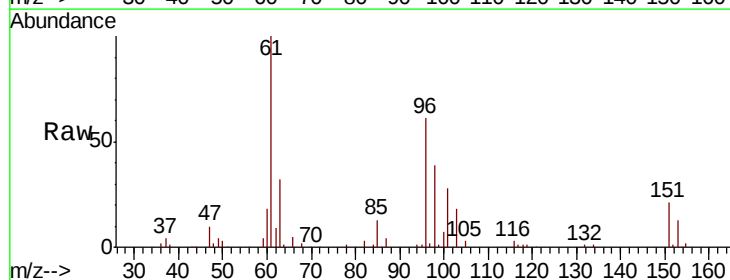
Tot Ion: 59 Resp: 114746
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

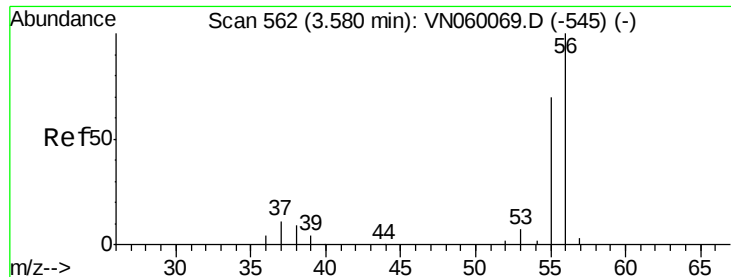


#12

1,1-Dichloroethene
Concen: 49.673 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Tgt Ion: 96 Resp: 95848
Ion Ratio Lower Upper
96 100
61 165.0 128.3 192.5
98 64.6 52.2 78.4





#13

Acrolein

Concen: 171.539 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

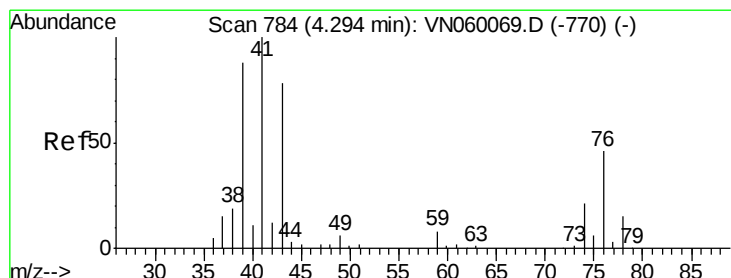
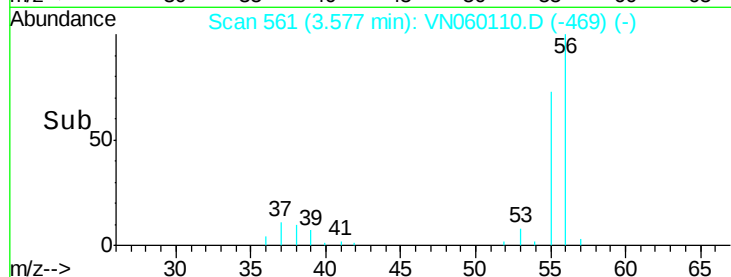
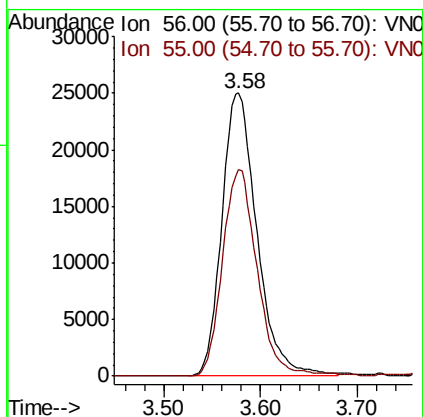
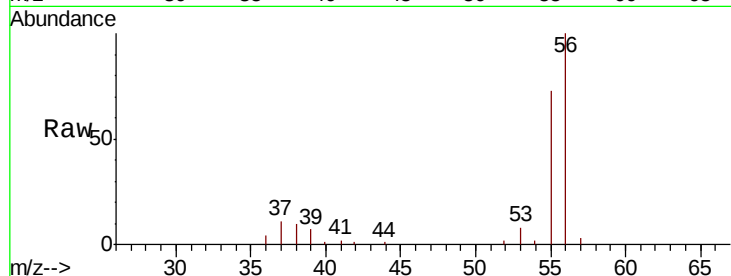
ClientSampled :

Tot Ion: 56 Resp: 63012

Ion Ratio Lower Upper

56 100

55 72.0 54.8 82.2



#14

Allyl chloride

Concen: 54.291 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

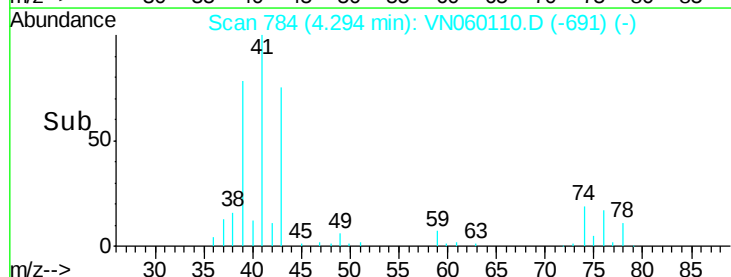
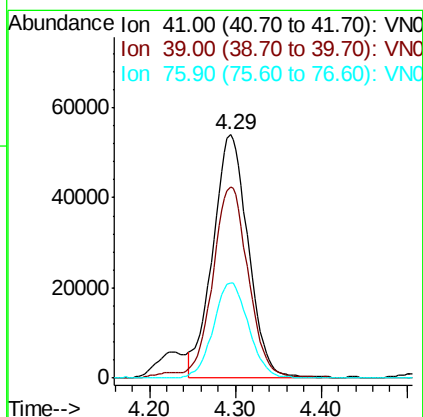
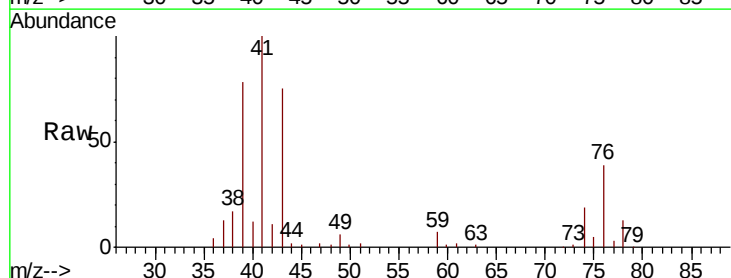
Tgt Ion: 41 Resp: 154188

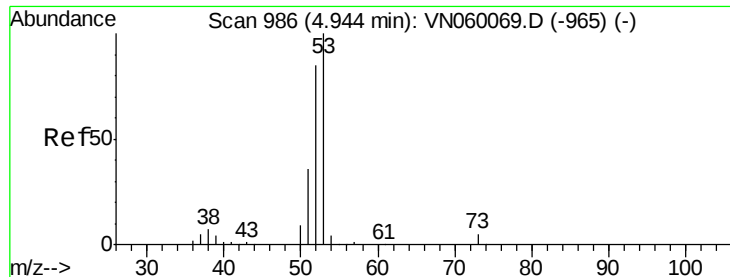
Ion Ratio Lower Upper

41 100

39 80.8 67.8 101.8

76 38.9 33.9 50.9





#15

Acrylonitrile

Concen: 304.428 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

ClientSampled :

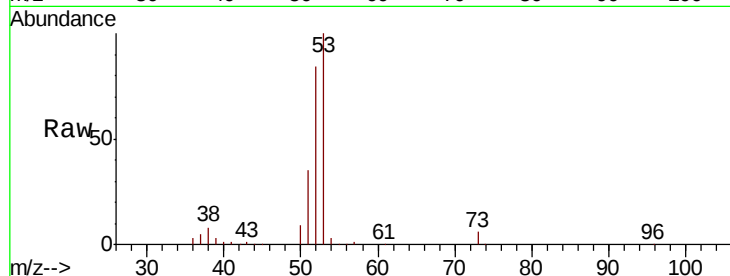
Tot Ion: 53 Resp: 276290

Ion Ratio Lower Upper

53 100

52 84.0 66.8 100.2

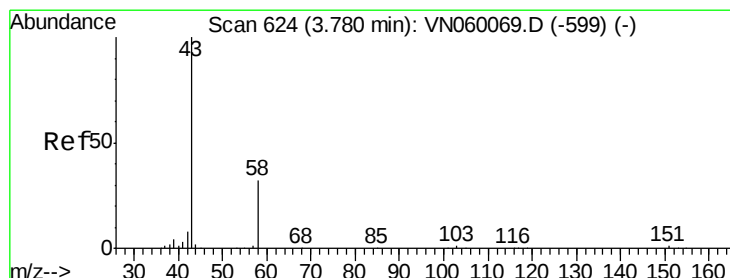
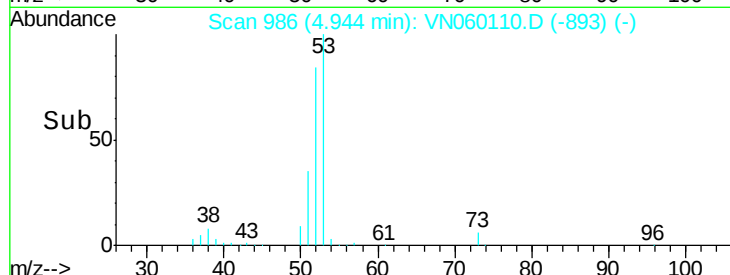
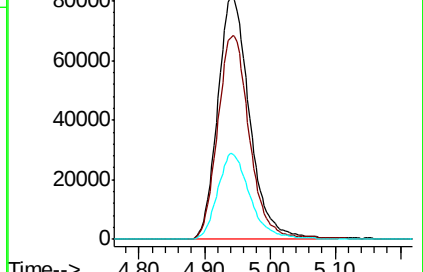
51 36.2 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060110.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN060110.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN060110.D (-893) (-)



#16

Acetone

Concen: 338.528 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060110.D

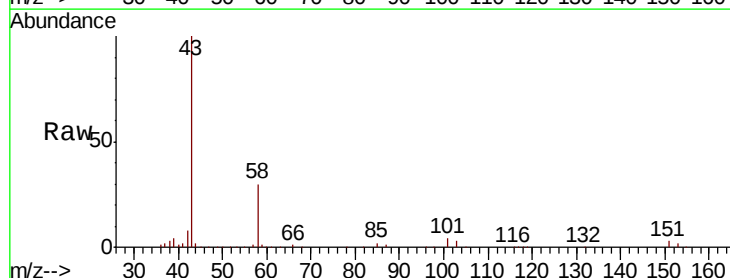
Acq: 17 Feb 2020 11:27

Tgt Ion: 43 Resp: 366712

Ion Ratio Lower Upper

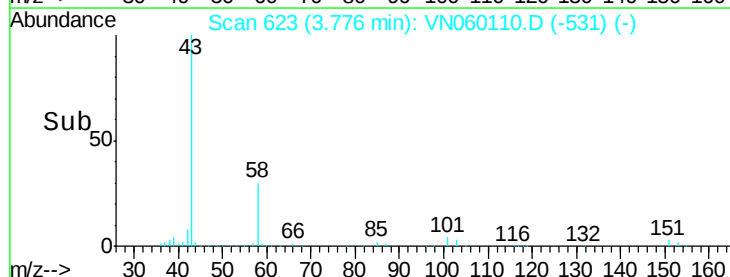
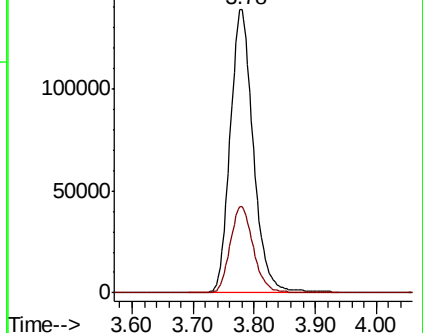
43 100

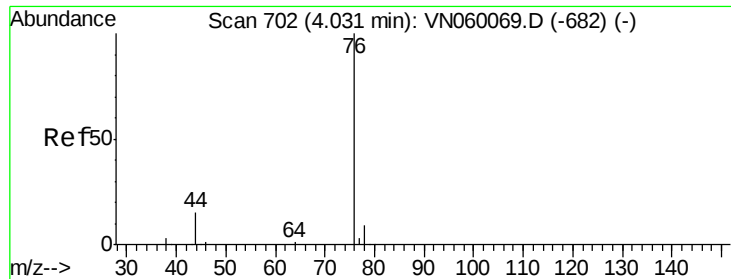
58 30.5 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060110.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060110.D (-531) (-)

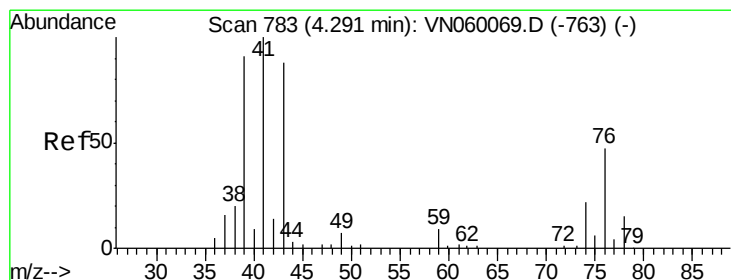
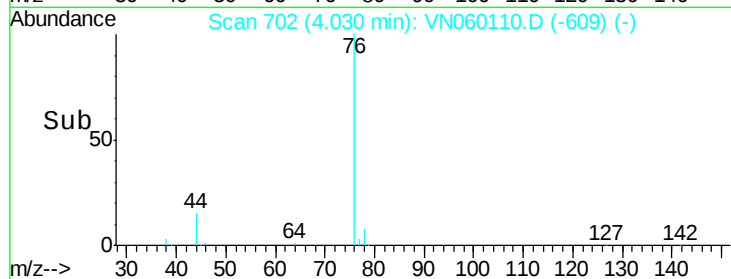
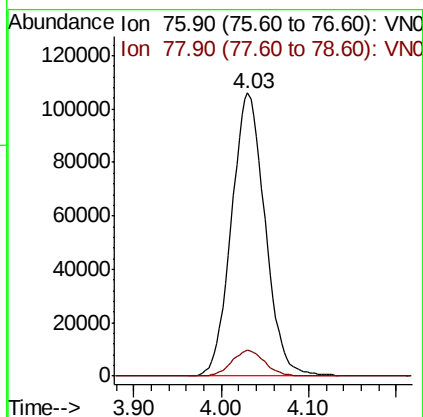
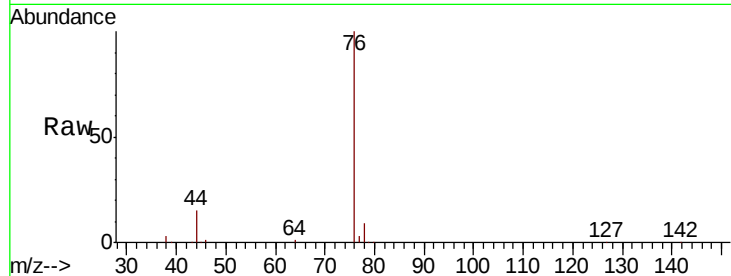




#17
Carbon Disulfide
Concen: 48.549 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

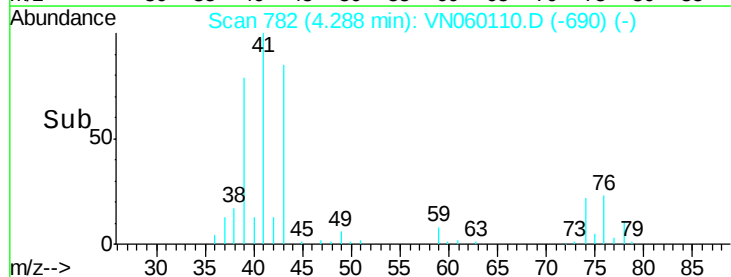
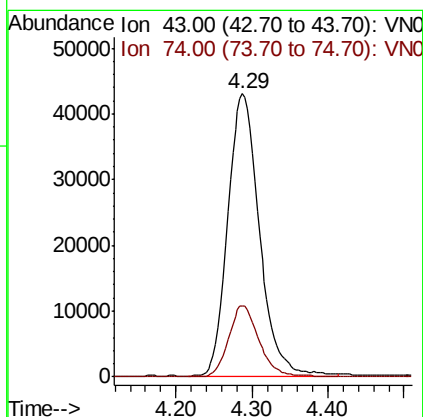
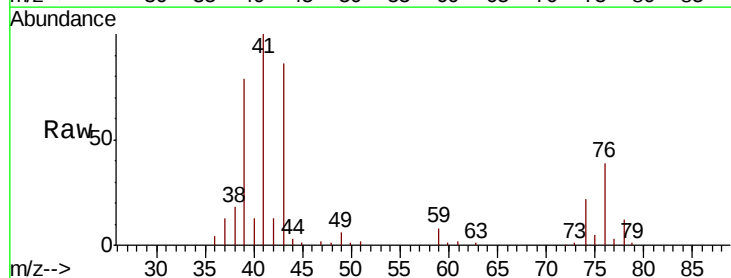
Instrument :
MSVOA_N
ClientSampled :

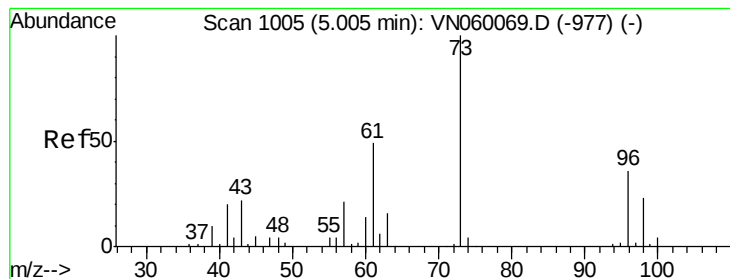
Tot Ion: 76 Resp: 282365
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 61.792 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Tgt Ion: 43 Resp: 125741
Ion Ratio Lower Upper
43 100
74 24.1 20.3 30.5



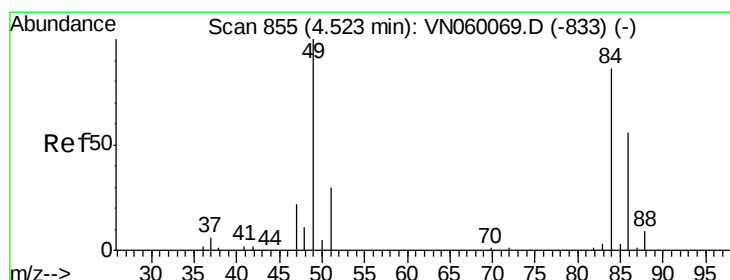
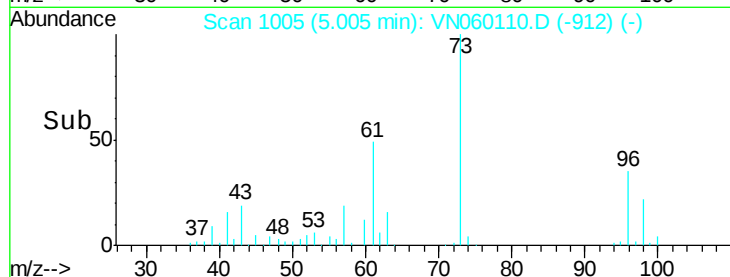
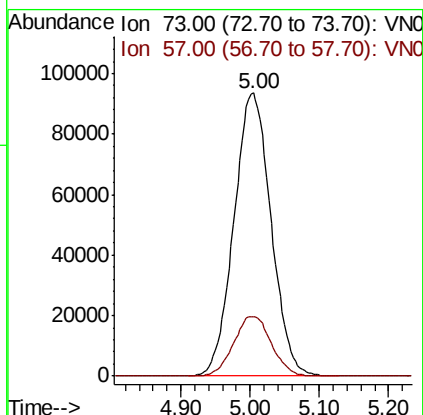
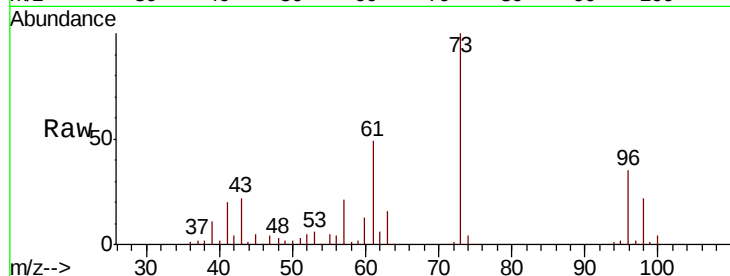


#19

Methyl tert-butyl Ether
 Concen: 53.684 ug/l
 RT: 5.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Instrument :
 MSVOA_N
 ClientSampled :

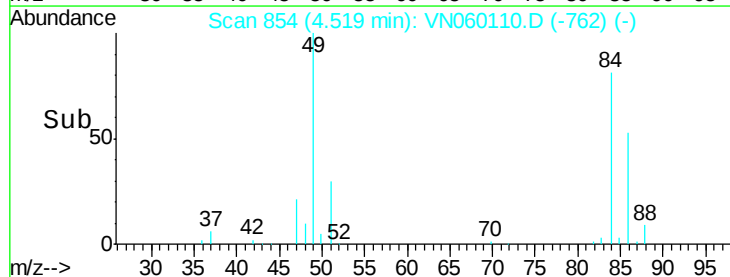
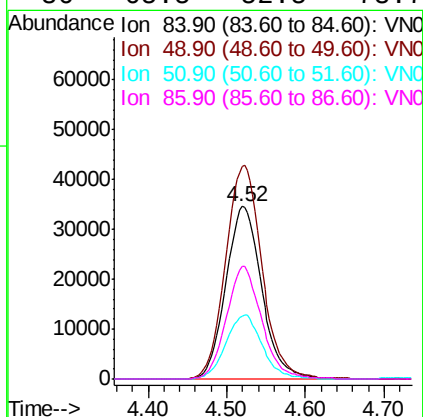
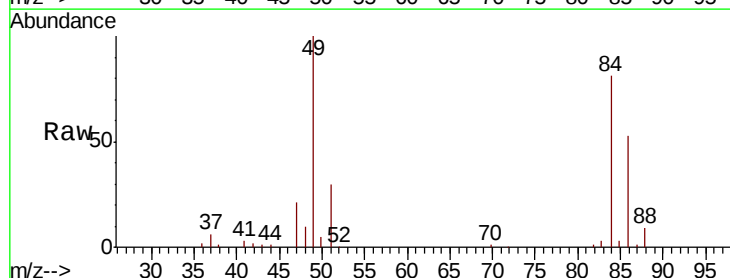
Tot Ion: 73 Resp: 348358
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.2 25.8

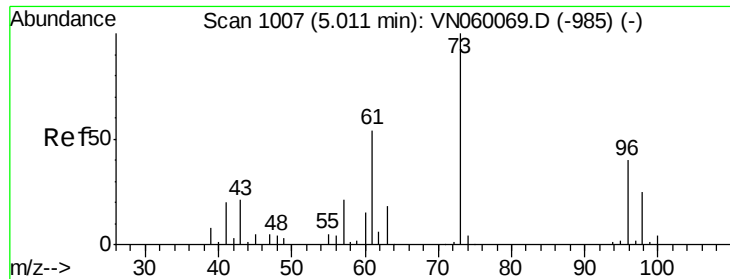


#20

Methylene Chloride
 Concen: 50.882 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Tgt Ion: 84 Resp: 109964
 Ion Ratio Lower Upper
 84 100
 49 122.8 93.4 140.0
 51 36.6 28.4 42.6
 86 65.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.654 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :

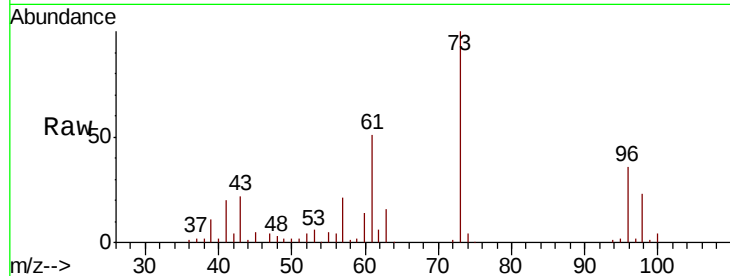
Tot Ion: 96 Resp: 104441

Ion Ratio Lower Upper

96 100

61 139.9 109.3 163.9

98 62.3 51.0 76.6

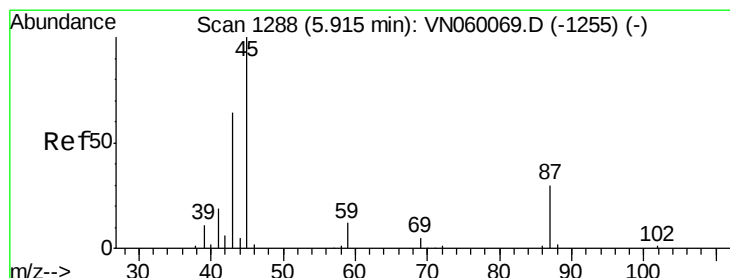
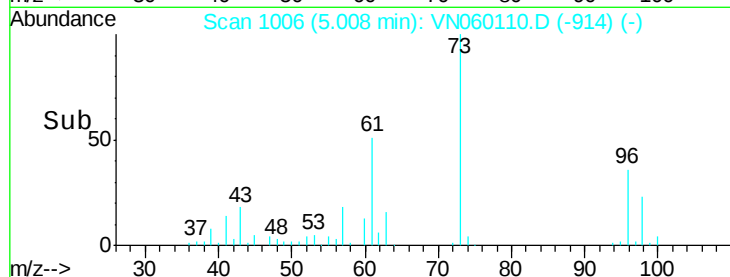
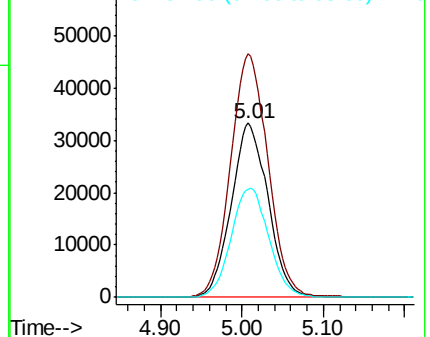


Abundance

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: 56.857 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Tgt Ion: 45 Resp: 353894

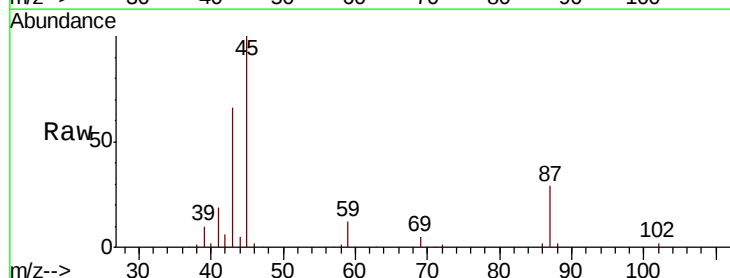
Ion Ratio Lower Upper

45 100

43 64.9 55.9 83.9

87 29.2 24.5 36.7

59 11.7 9.9 14.9



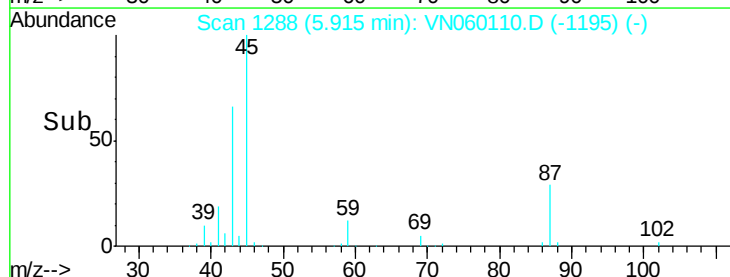
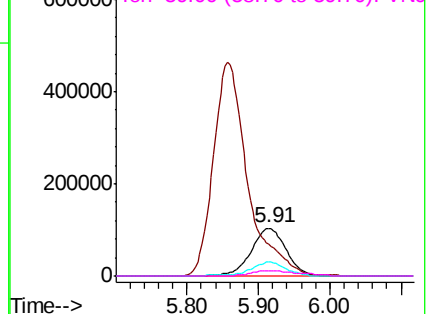
Abundance

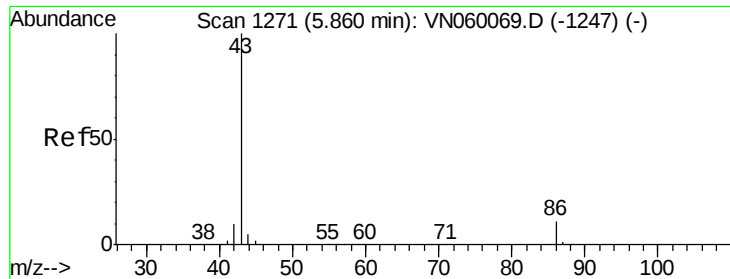
Ion 45.00 (44.70 to 45.70): VN0

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: 296.084 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

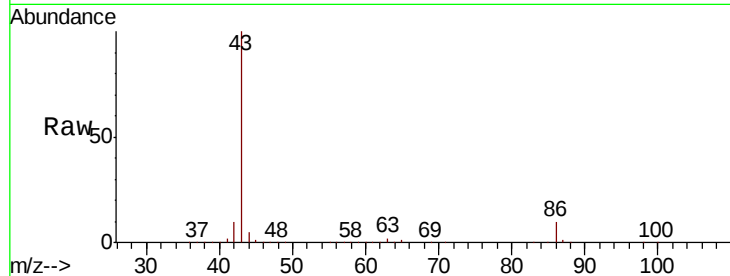
ClientSampled :

Tot Ion: 43 Resp: 1547612

Ion Ratio Lower Upper

43 100

86 10.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN060110.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060110.D (-1178) (-)

5.86

500000

400000

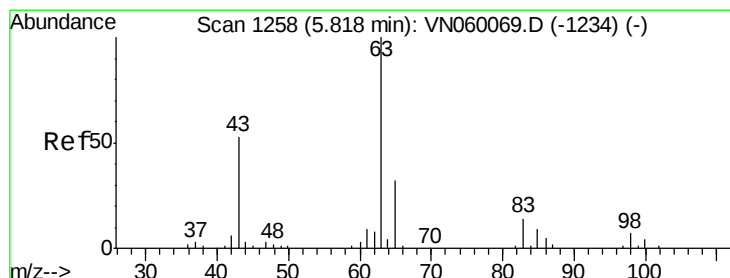
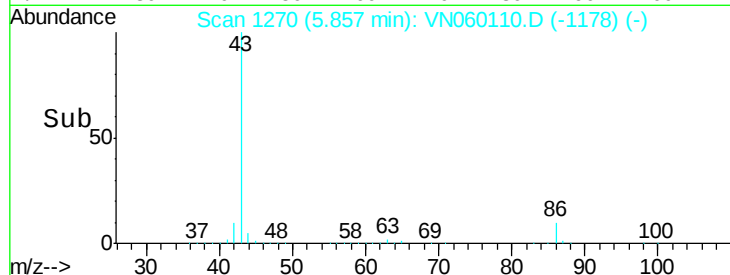
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.818 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

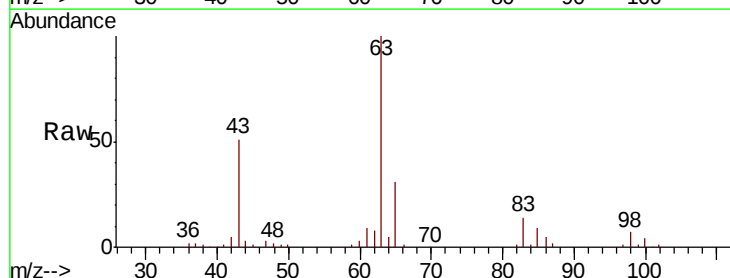
Tgt Ion: 63 Resp: 195384

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 3.8 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN060110.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060110.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060110.D (-1165) (-)

5.81

80000

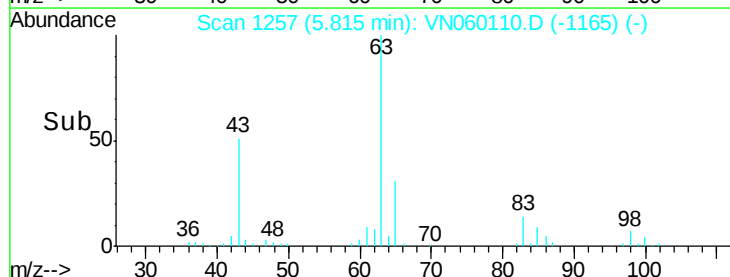
60000

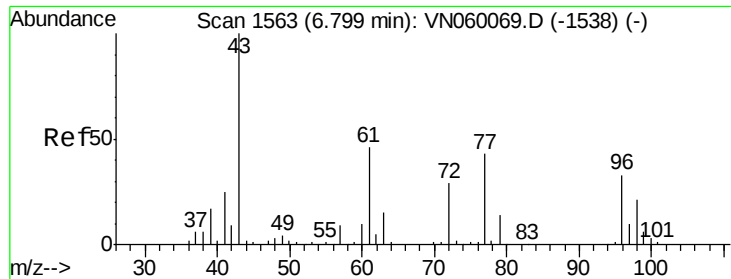
40000

20000

0

Time-->

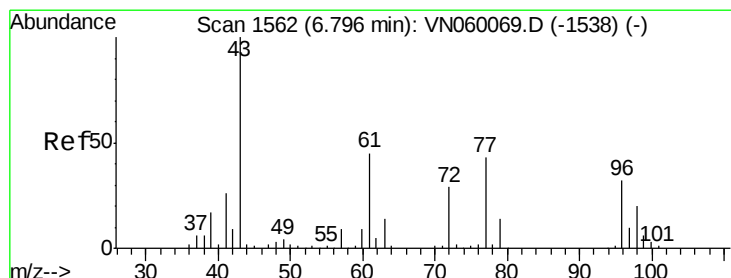
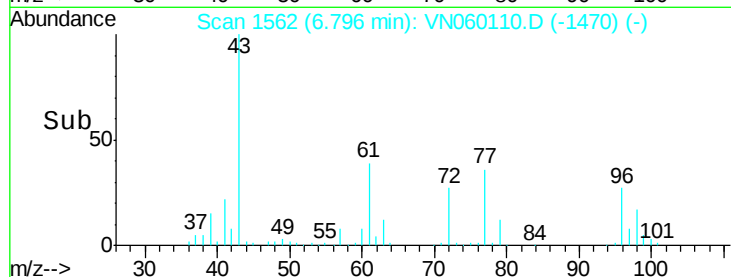
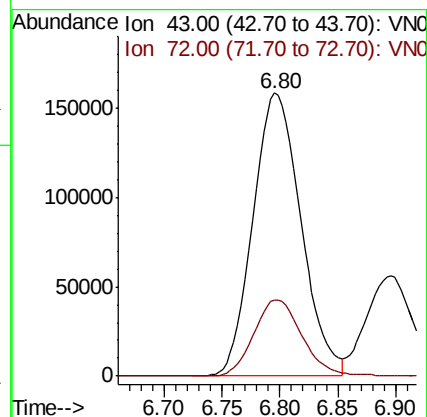
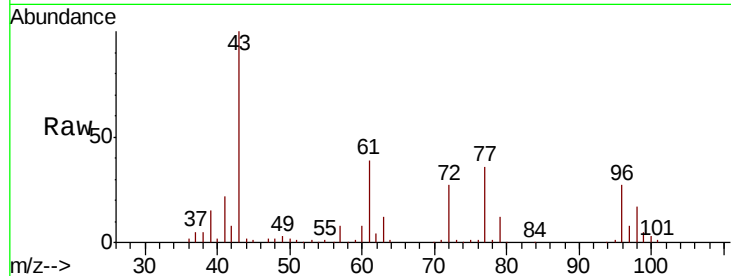




#25
2-Butanone
Concen: 334.702 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

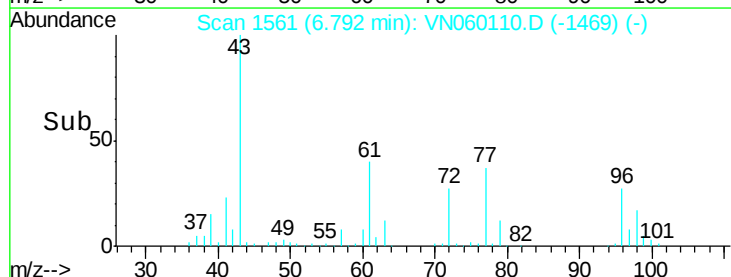
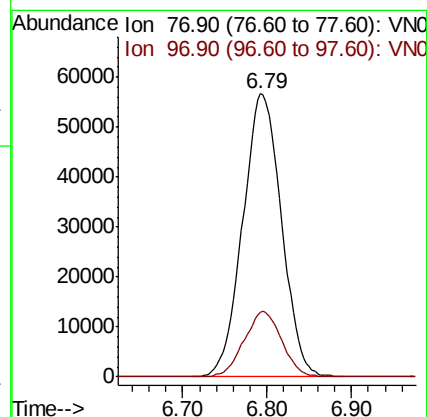
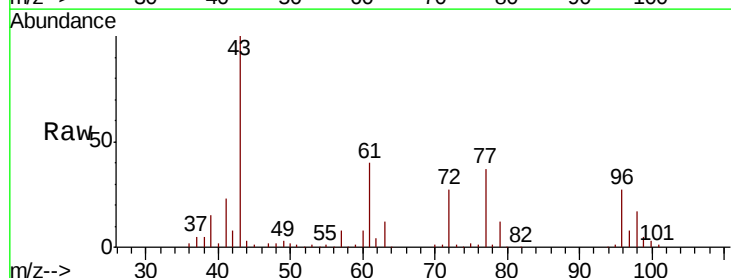
Instrument :
MSVOA_N
ClientSampleId :

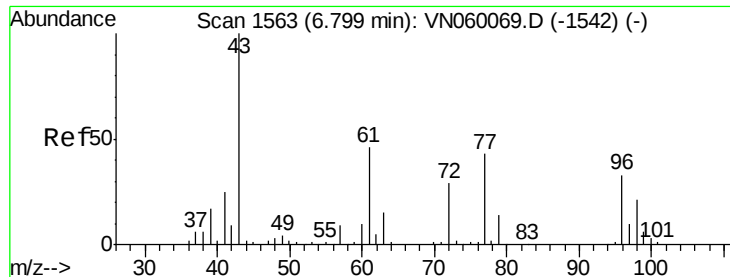
Tot Ion: 43 Resp: 455992
Ion Ratio Lower Upper
43 100
72 27.1 23.3 34.9



#26
2,2-Dichloropropane
Concen: 50.483 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Tgt Ion: 77 Resp: 180799
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 50.710 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :
MSVOA_N
ClientSampled :

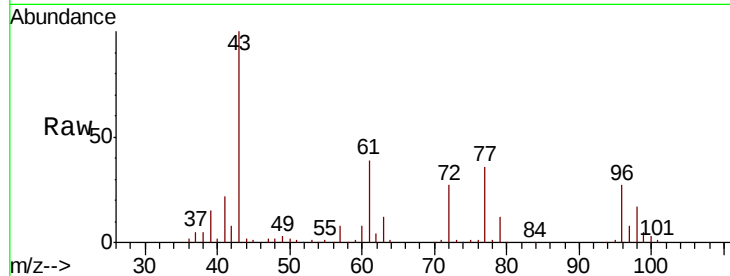
Tot Ion: 96 Resp: 124828

Ion Ratio Lower Upper

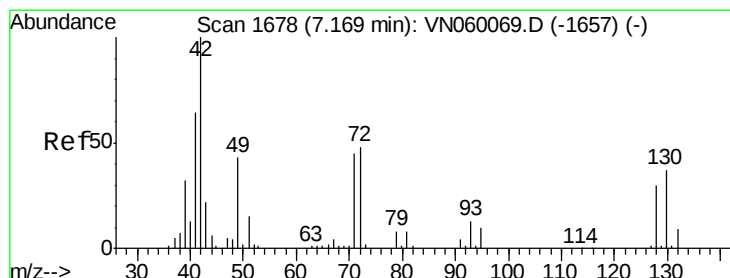
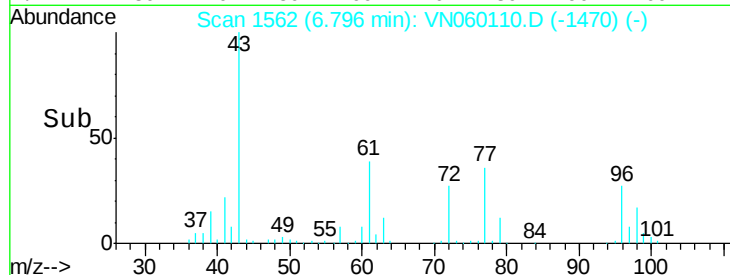
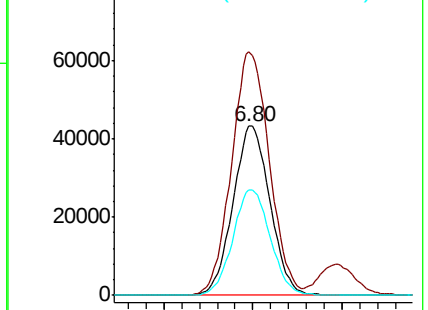
96 100

61 146.8 0.0 285.8

98 63.0 0.0 129.6



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



#28

Bromochloromethane

Concen: 55.600 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

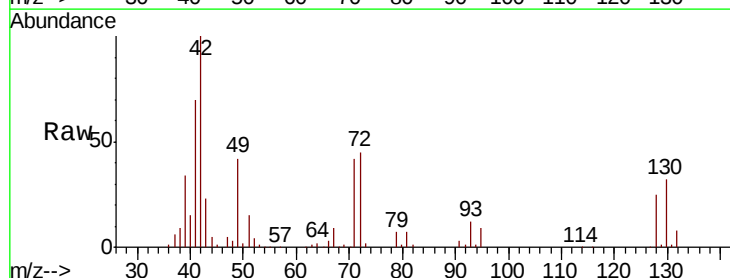
Tgt Ion: 49 Resp: 82418

Ion Ratio Lower Upper

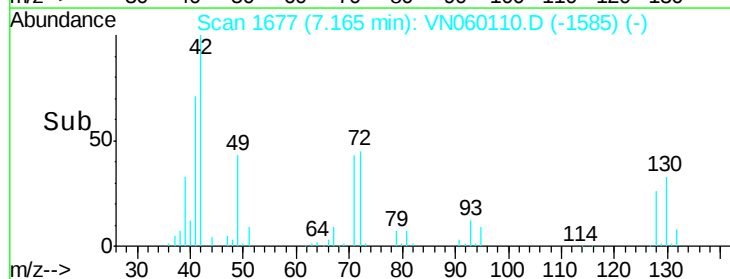
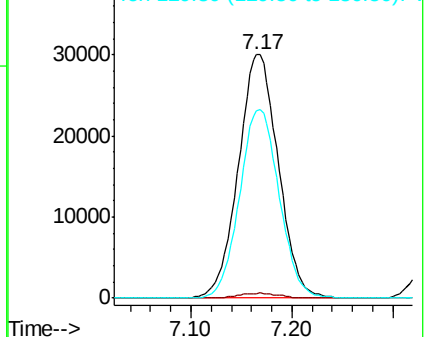
49 100

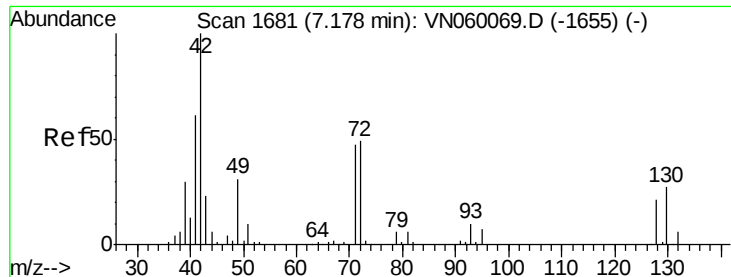
129 1.9 0.0 2.2

130 76.7 66.8 100.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

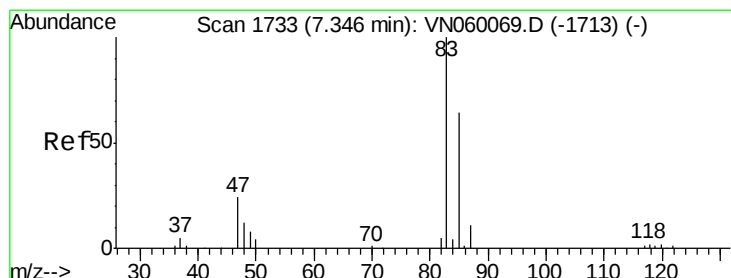
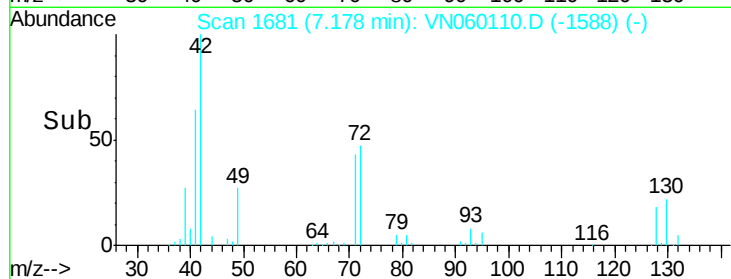
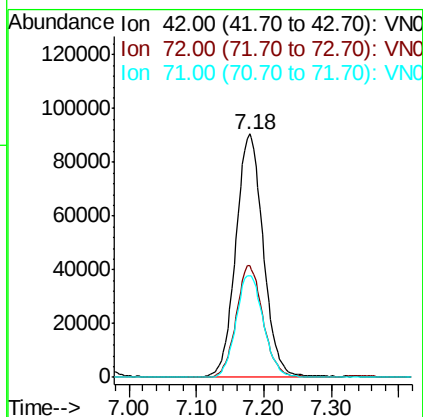
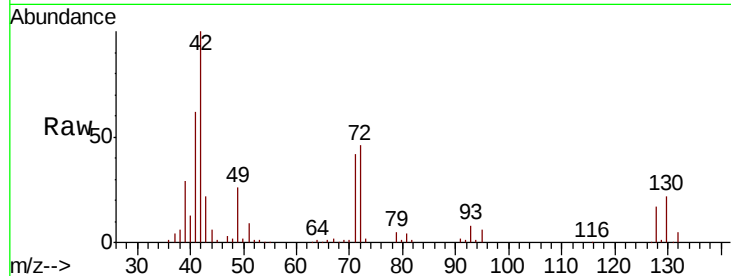




#29
Tetrahydrofuran
Concen: 307.245 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

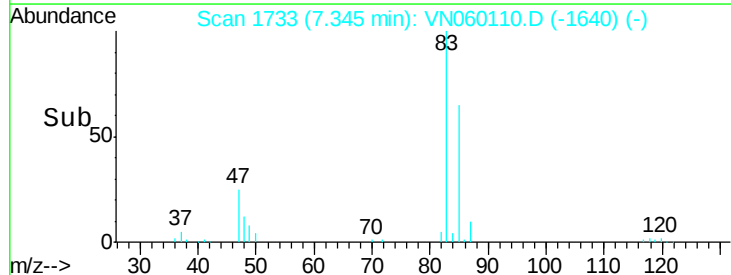
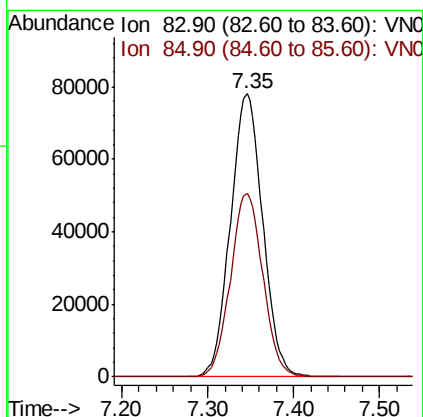
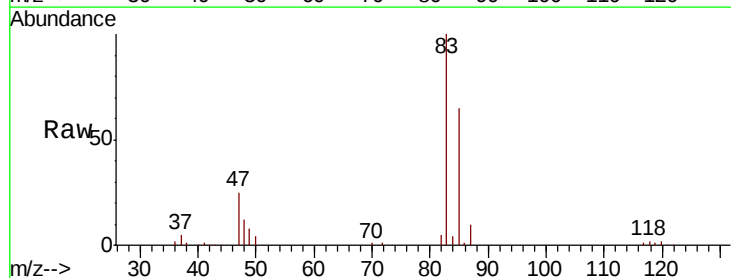
Instrument :
MSVOA_N
ClientSampled :

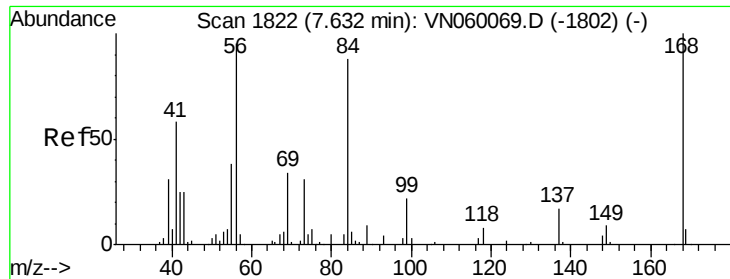
Tot Ion: 42 Resp: 256794
Ion Ratio Lower Upper
42 100
72 44.5 38.2 57.4
71 41.8 36.6 54.8



#30
Chloroform
Concen: 51.479 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Tgt Ion: 83 Resp: 203330
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0

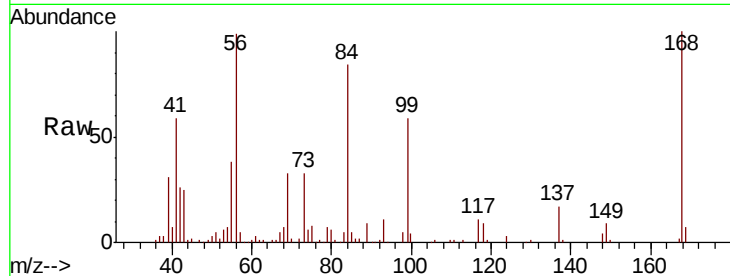




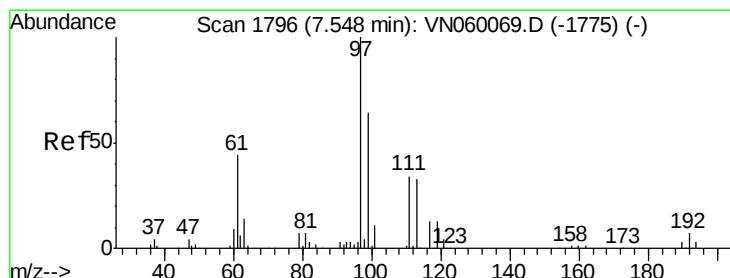
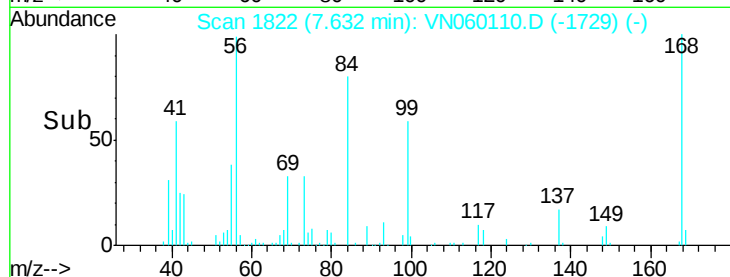
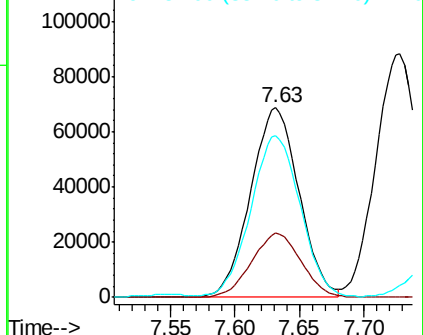
#31
Cyclohexane
Concen: 51.297 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 180174
Ion Ratio Lower Upper
56 100
69 33.6 28.3 42.5
84 84.1 72.6 108.8

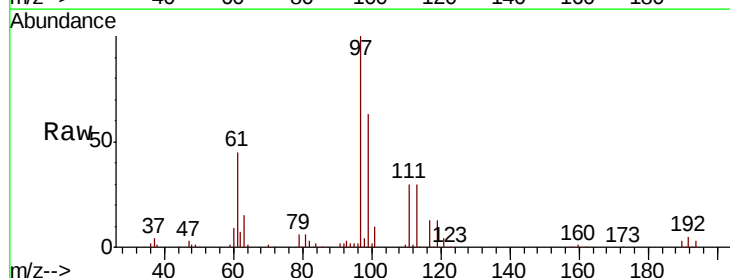


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

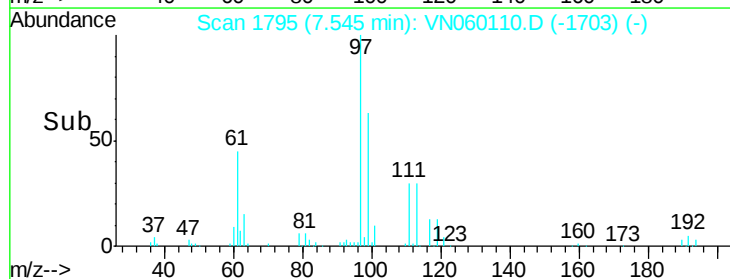
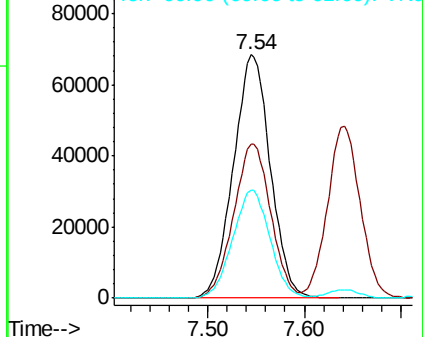


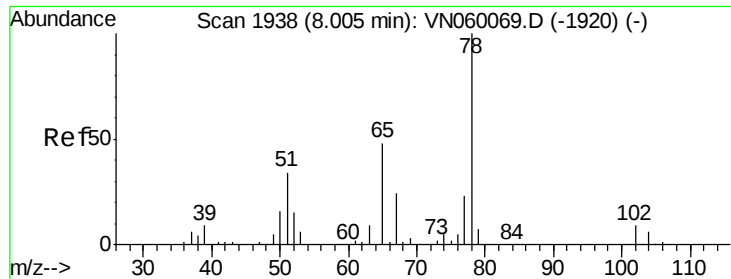
#32
1,1,1-Trichloroethane
Concen: 50.313 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Tgt Ion: 97 Resp: 181599
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 44.8 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

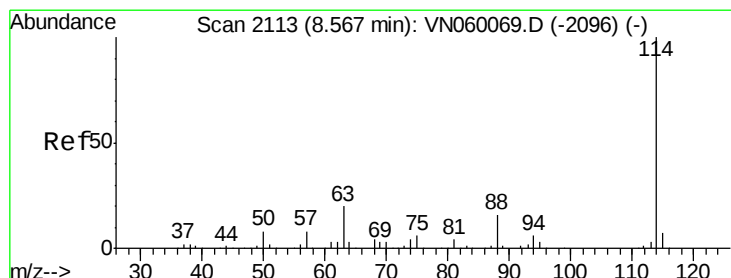
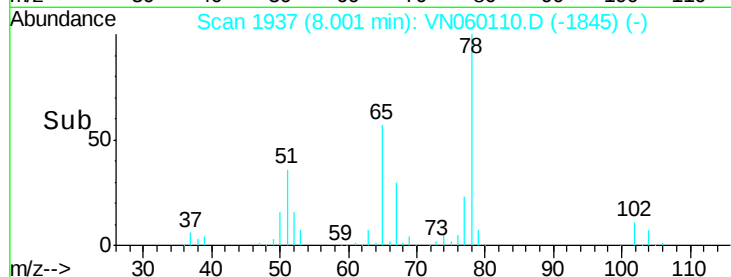
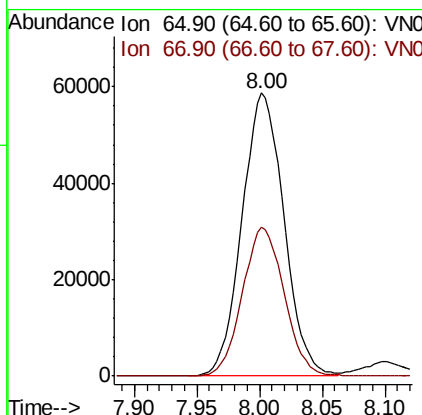
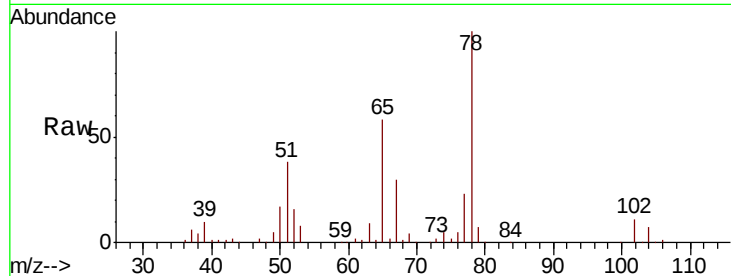




#33
 1,2-Dichloroethane-d4
 Concen: 55.014 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

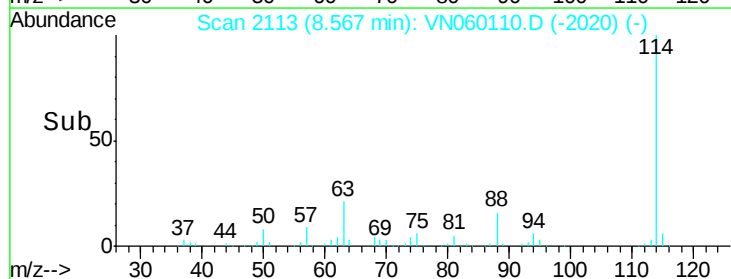
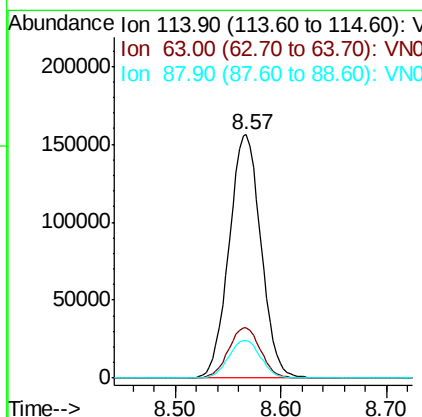
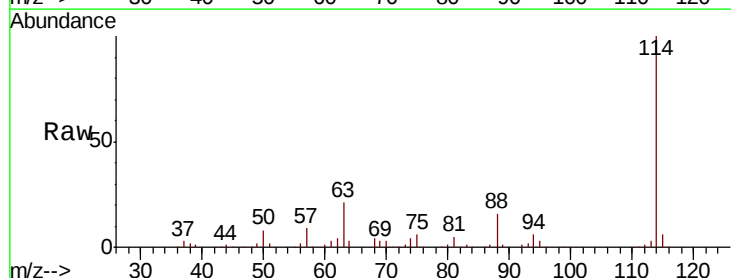
Instrument :
 MSVOA_N
 ClientSampleId :

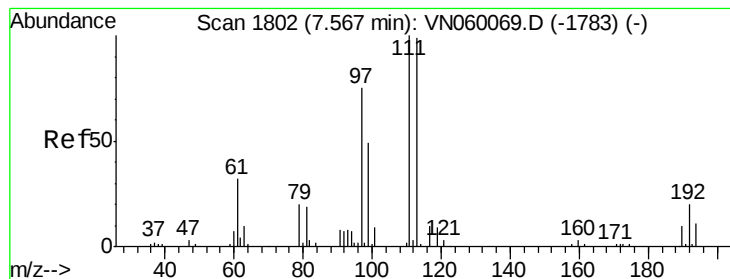
Tot Ion: 65 Resp: 136622
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Tgt Ion: 114 Resp: 327254
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.0
 88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.856 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :
MSVOA_N
ClientSampled :

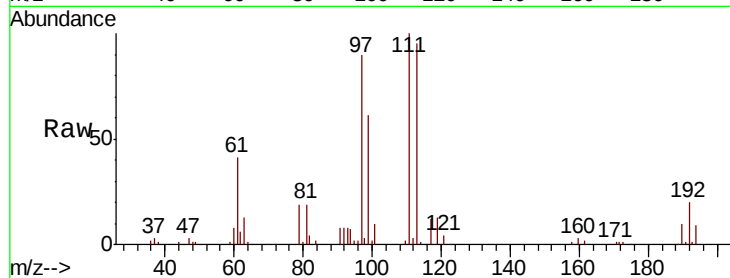
Tot Ion:113 Resp: 104315

Ion Ratio Lower Upper

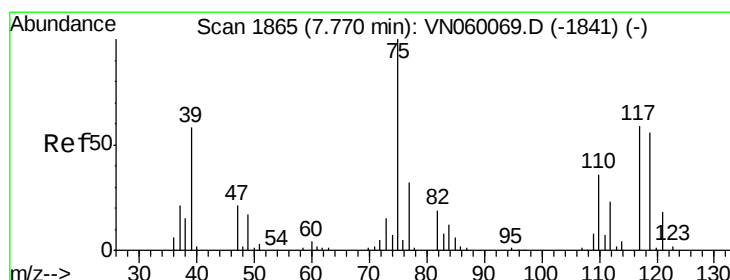
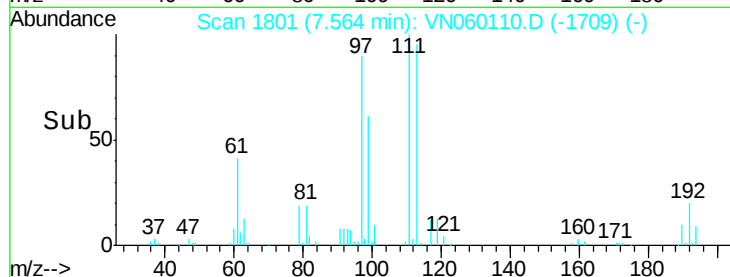
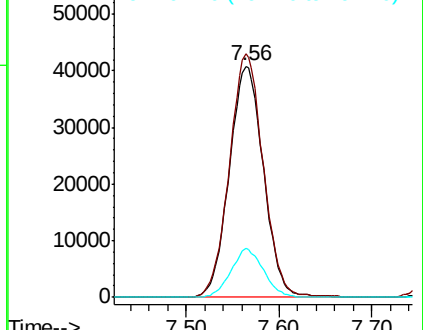
113 100

111 104.4 81.4 122.2

192 20.1 16.2 24.2



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: 50.415 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

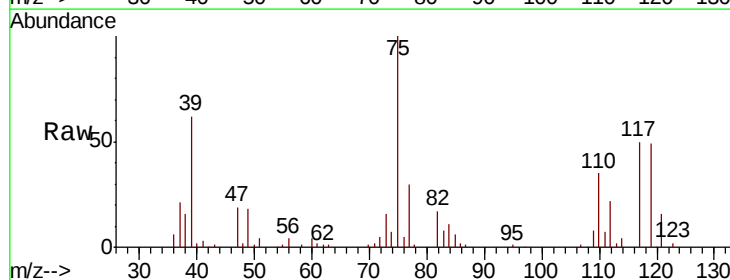
Tgt Ion: 75 Resp: 152817

Ion Ratio Lower Upper

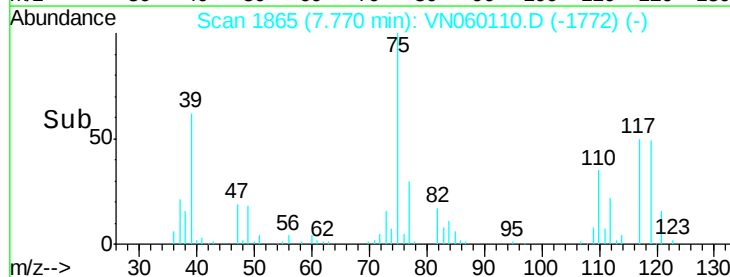
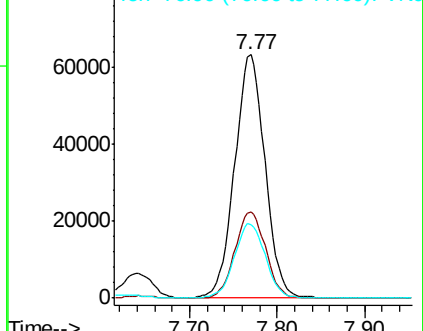
75 100

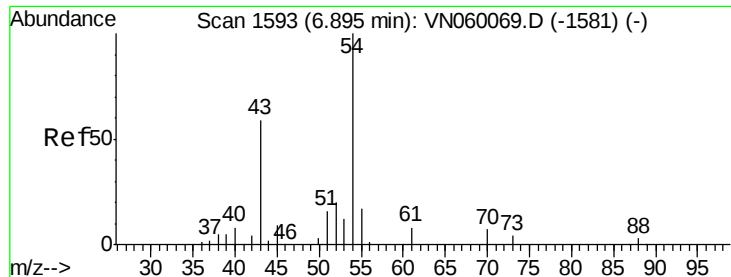
110 35.7 18.1 54.3

77 31.3 25.1 37.7



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

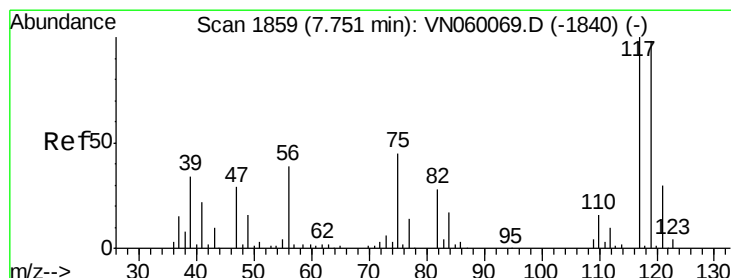
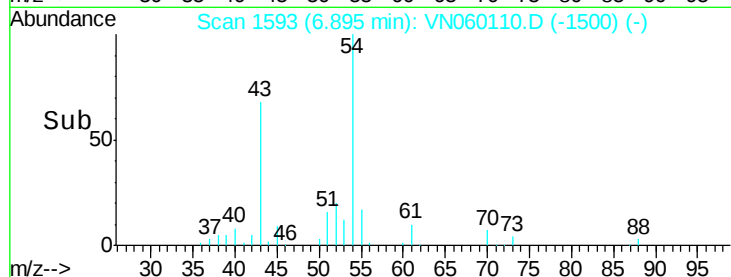
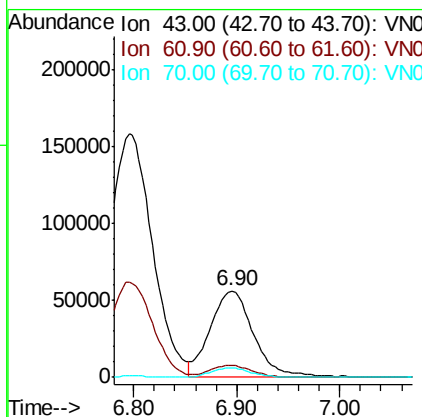
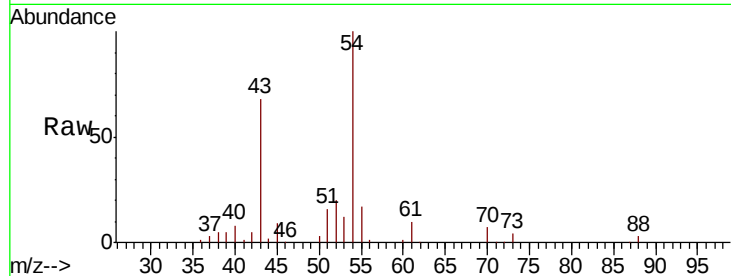




#37
Ethyl Acetate
Concen: 58.740 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

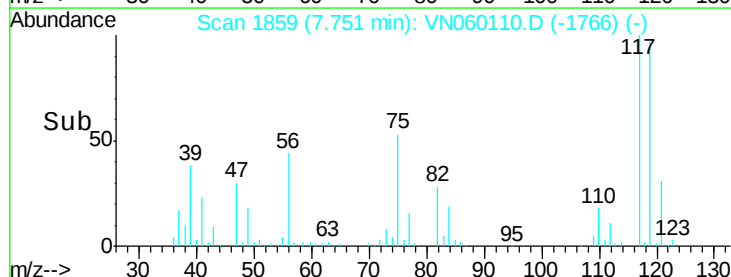
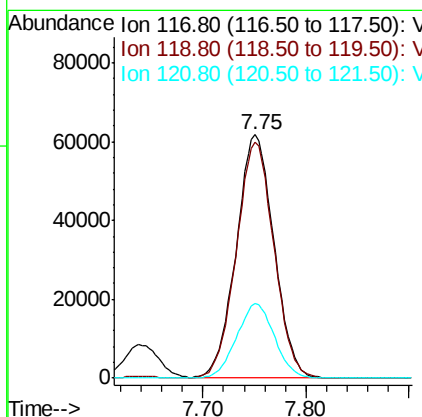
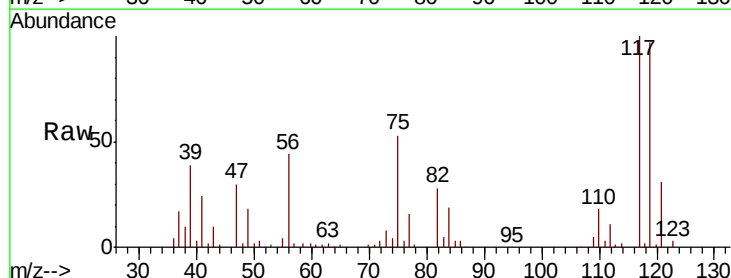
Instrument :
MSVOA_N
ClientSampleId :

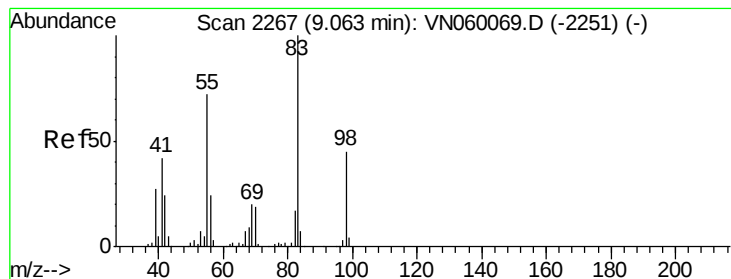
Tot Ion: 43 Resp: 160917
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.2
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 47.731 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Tgt Ion: 117 Resp: 157128
Ion Ratio Lower Upper
117 100
119 97.0 78.2 117.4
121 30.6 24.2 36.2





#39

Methvlcvclohexane

Concen: 51.111 ug/l

RT: 9.06 min Scan# 2267

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :
MSVOA_N
ClientSampled :

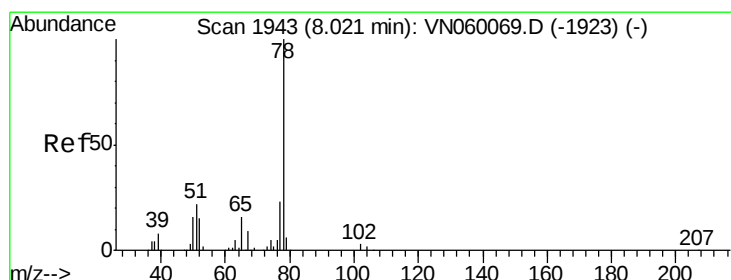
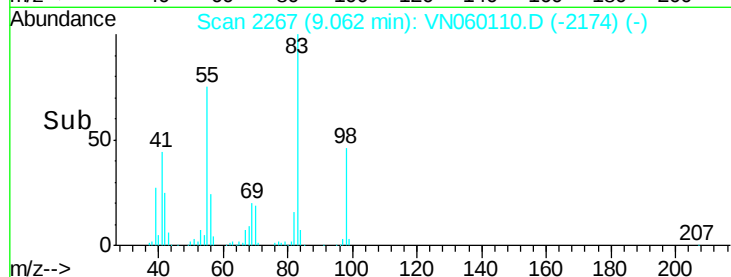
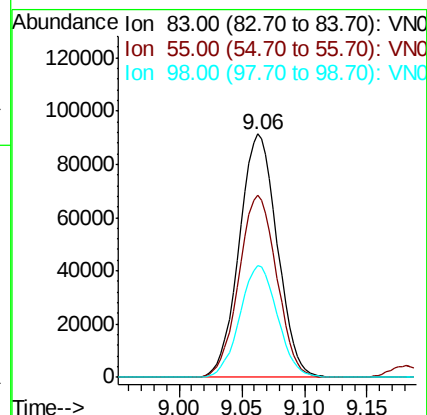
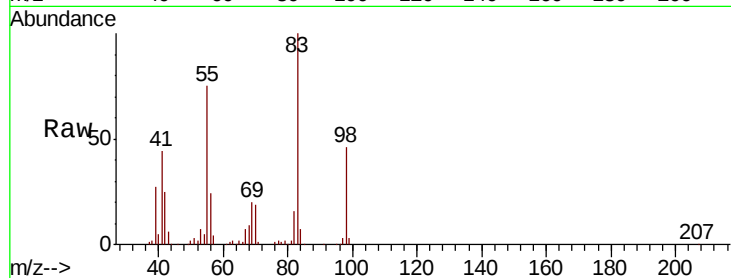
Tot Ion: 83 Resp: 192312

Ion Ratio Lower Upper

83 100

55 74.6 57.8 86.8

98 45.8 36.4 54.6



#40

Benzene

Concen: 50.295 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN060110.D

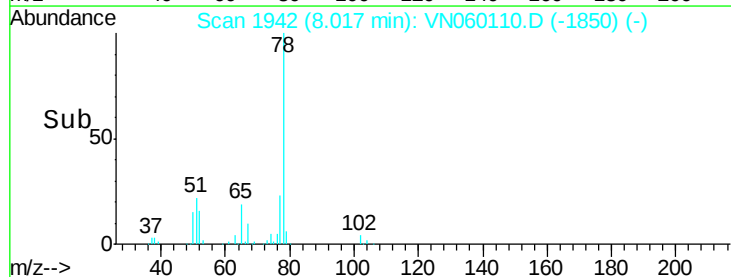
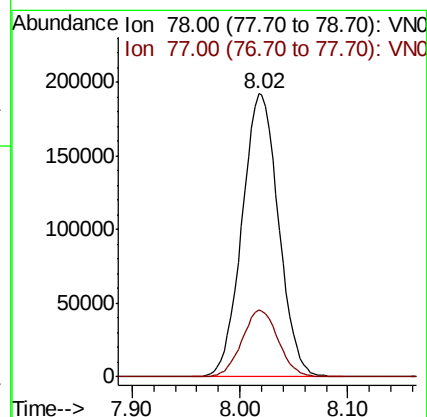
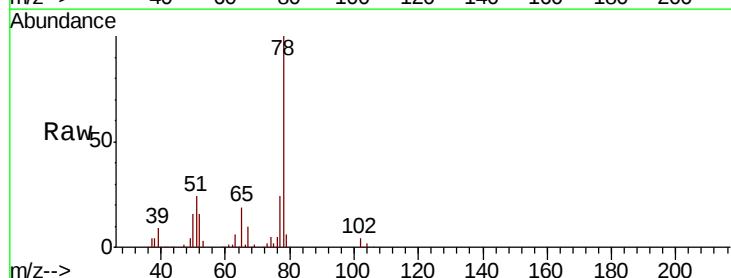
Acq: 17 Feb 2020 11:27

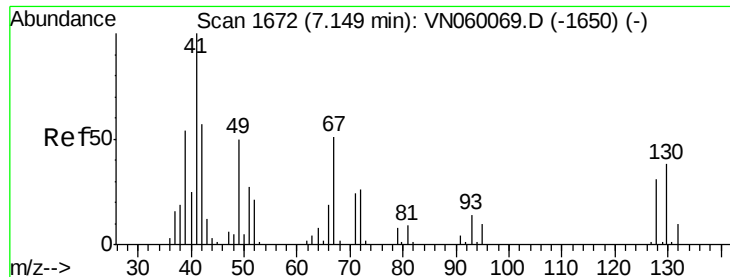
Tgt Ion: 78 Resp: 452230

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

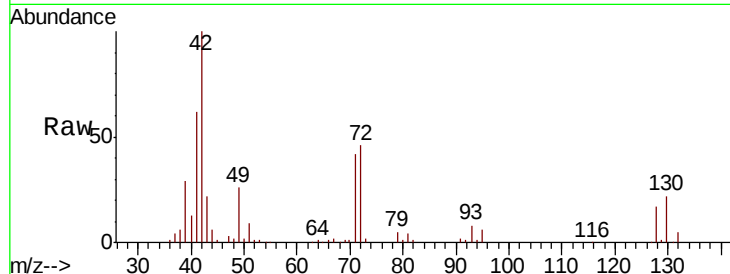




#41
Methacrylonitrile
Concen: 205.517 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	236110
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

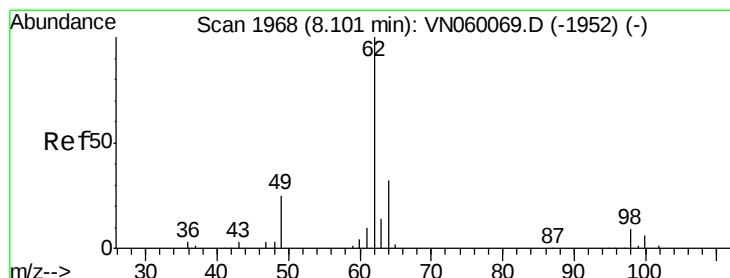
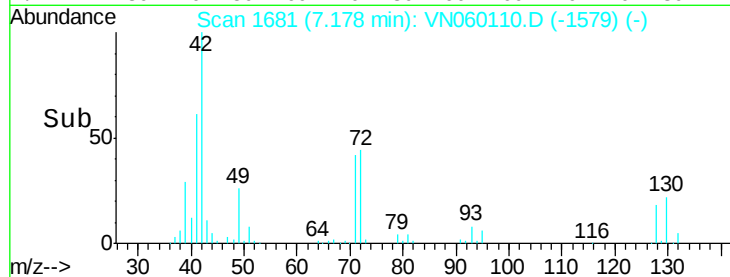
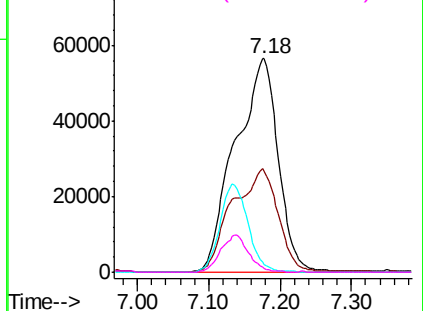


Abundance Ion 41.00 (40.70 to 41.70): VN060110.D (-1650) (-)

Ion 39.00 (38.70 to 39.70): VN060110.D (-1650) (-)

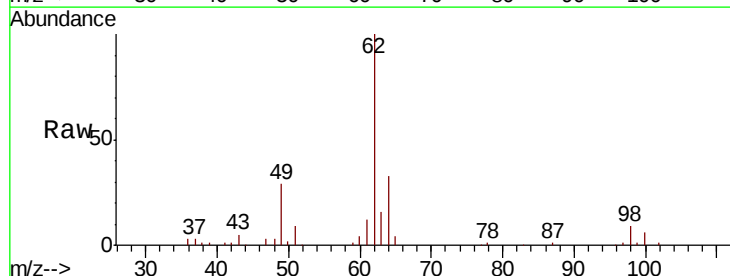
Ion 67.00 (66.70 to 67.70): VN060110.D (-1650) (-)

Ion 52.00 (51.70 to 52.70): VN060110.D (-1650) (-)



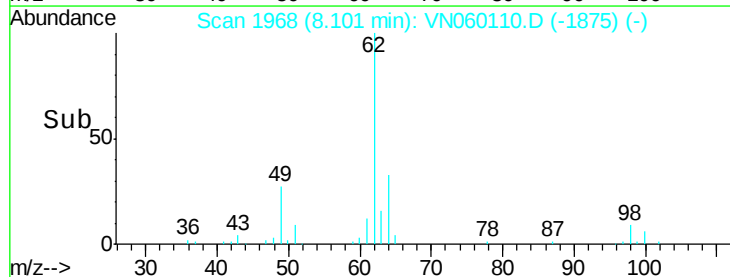
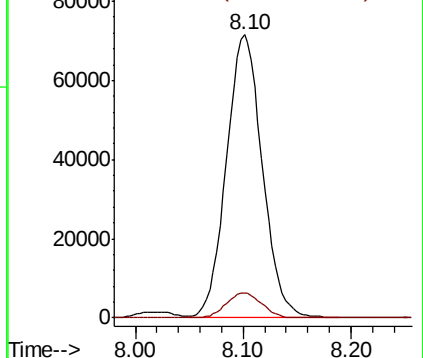
#42
1,2-Dichloroethane
Concen: 52.458 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

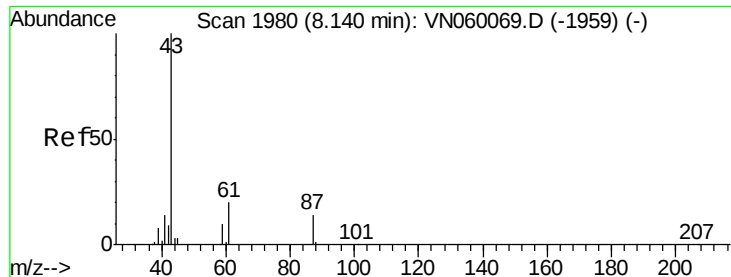
Tgt Ion:	62	Resp:	165318
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VN060110.D (-1875) (-)

Ion 97.90 (97.60 to 98.60): VN060110.D (-1875) (-)





#43

Isopropyl Acetate

Concen: 57.945 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

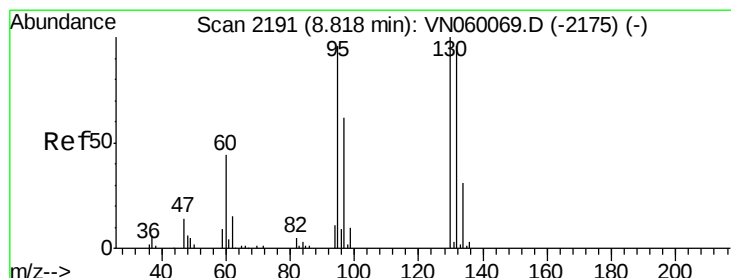
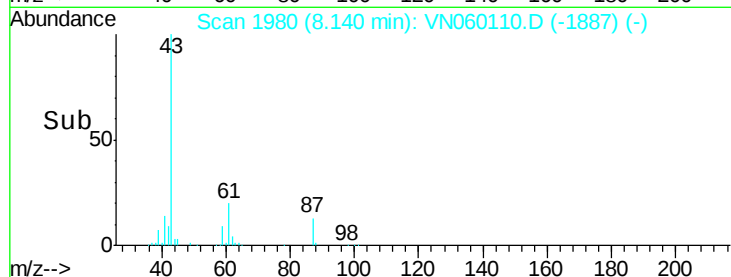
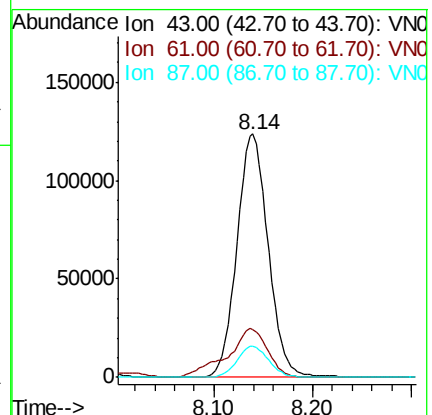
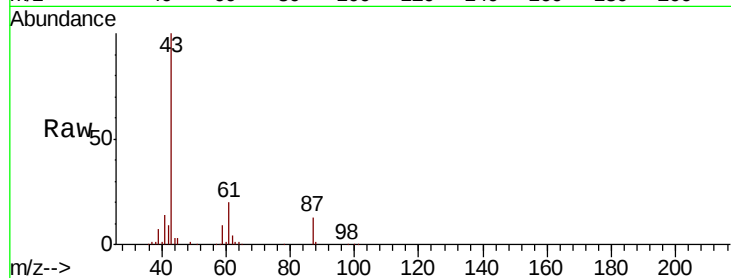
Tot Ion: 43 Resp: 271351

Ion Ratio Lower Upper

43 100

61 26.1 21.8 32.6

87 12.9 11.4 17.2



#44

Trichloroethene

Concen: 48.050 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060110.D

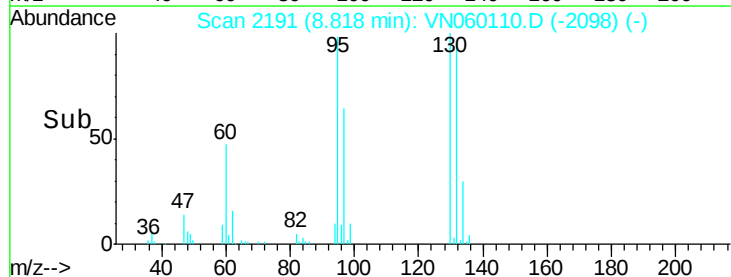
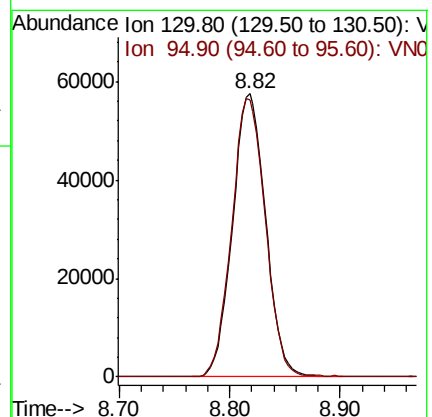
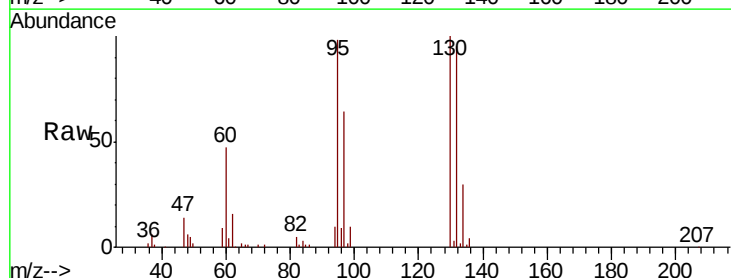
Acq: 17 Feb 2020 11:27

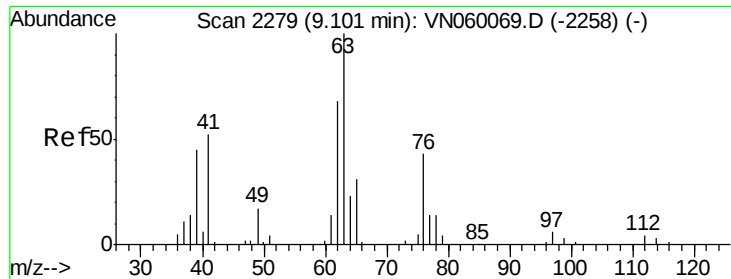
Tgt Ion:130 Resp: 119630

Ion Ratio Lower Upper

130 100

95 97.9 0.0 192.4

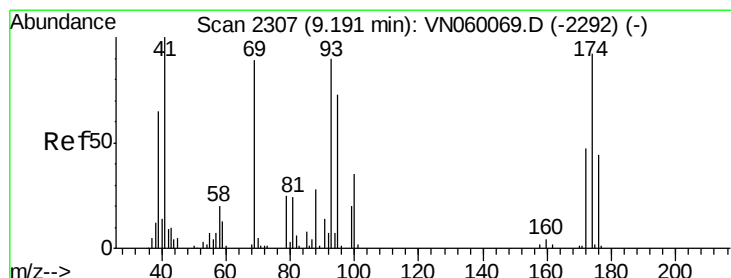
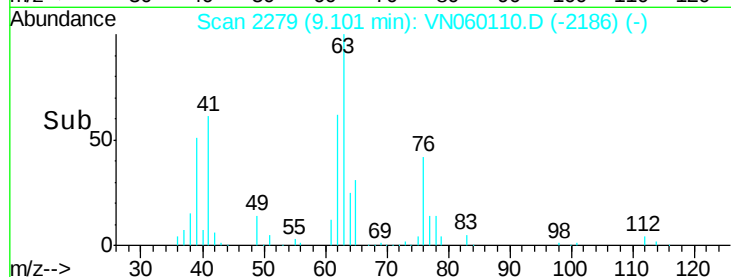
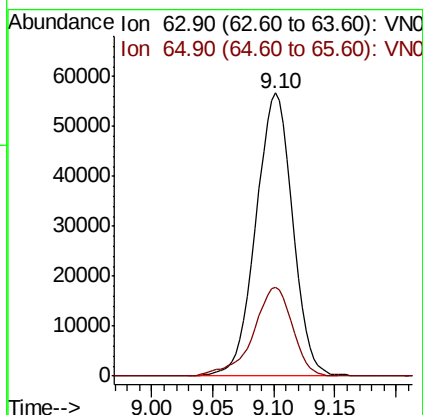
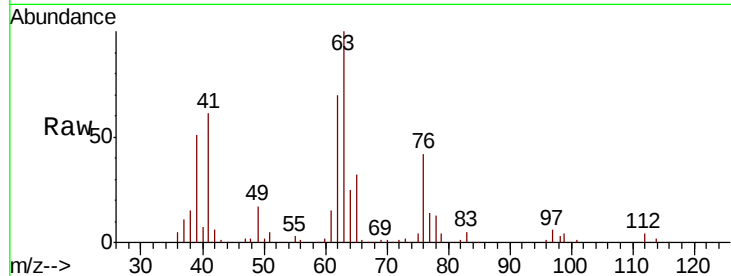




#45
 1,2-Dichloropropane
 Concen: 53.240 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

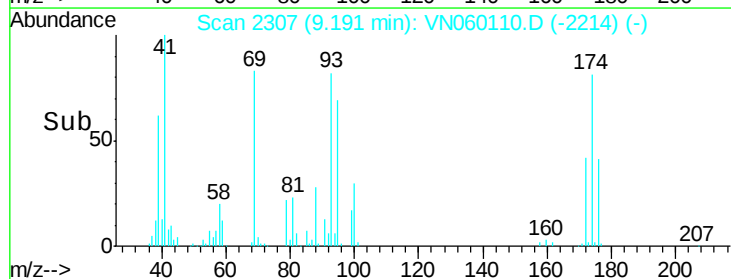
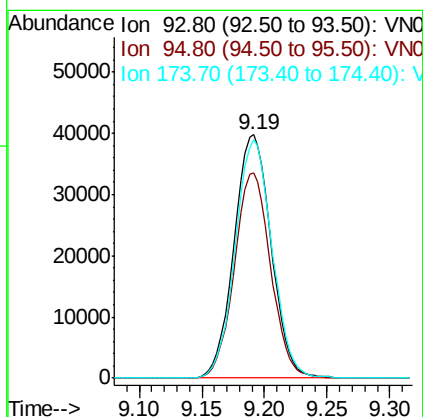
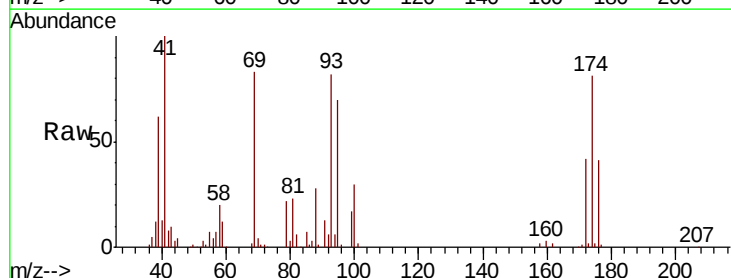
Instrument :
 MSVOA_N
 ClientSampleId :

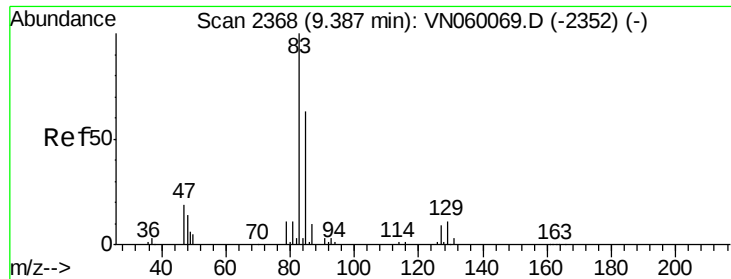
Tot Ion: 63 Resp: 118516
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4



#46
 Dibromomethane
 Concen: 52.065 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Tgt Ion: 93 Resp: 81904
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.0 97.6
 174 96.8 82.3 123.5

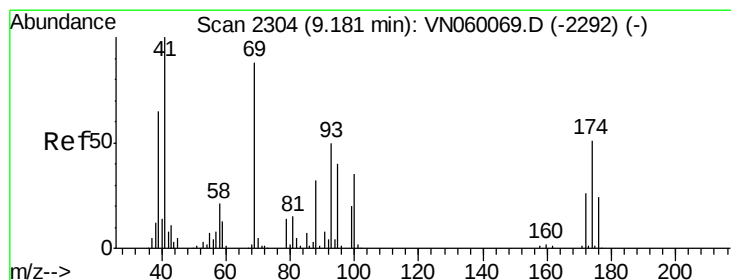
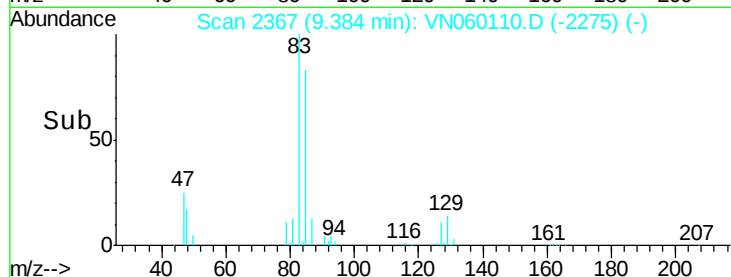
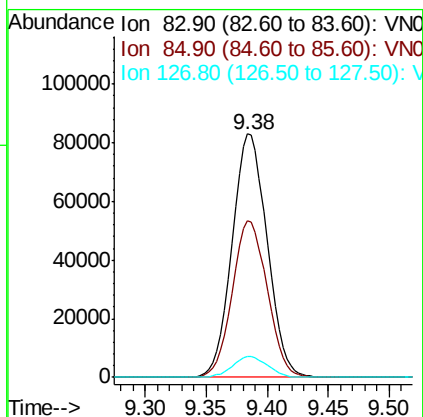
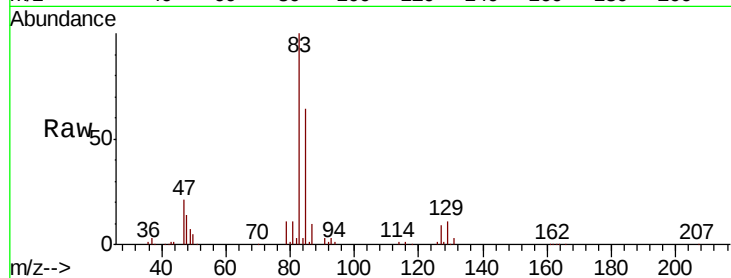




#47
Bromodichloromethane
Concen: 51.607 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

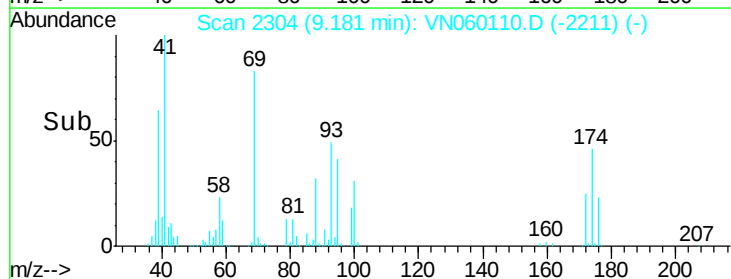
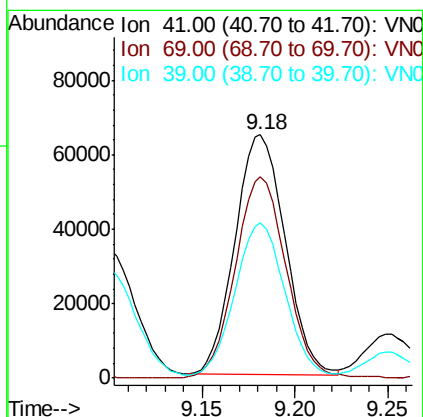
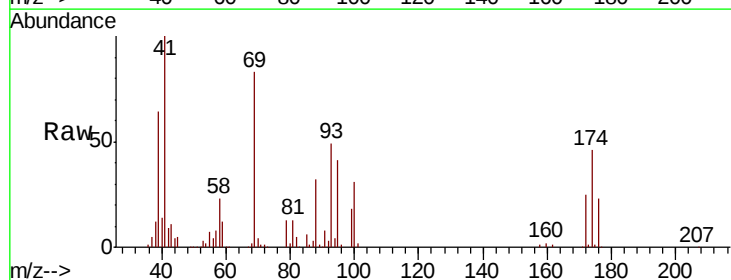
Instrument :
MSVOA_N
ClientSampled :

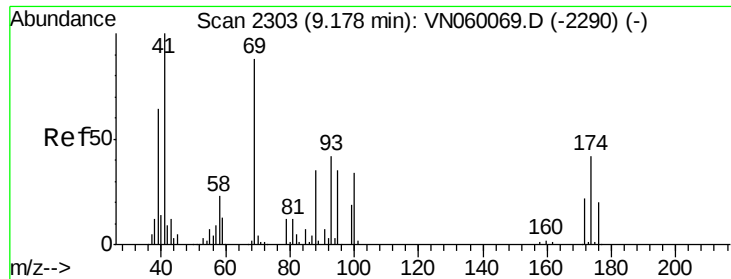
Tot Ion: 83 Resp: 165052
Ion Ratio Lower Upper
83 100
85 64.3 50.6 75.8
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 58.007 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Tgt Ion: 41 Resp: 121876
Ion Ratio Lower Upper
41 100
69 85.0 72.0 108.0
39 65.3 54.1 81.1

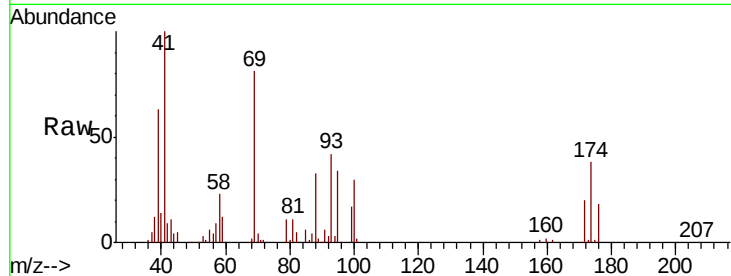




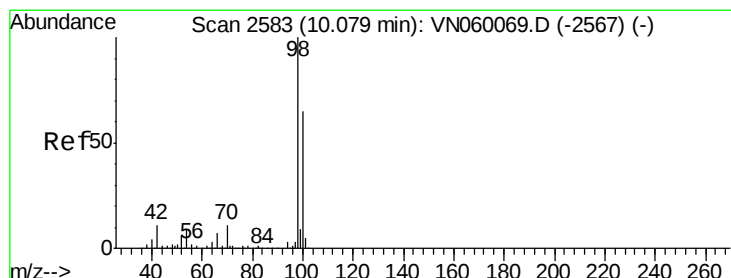
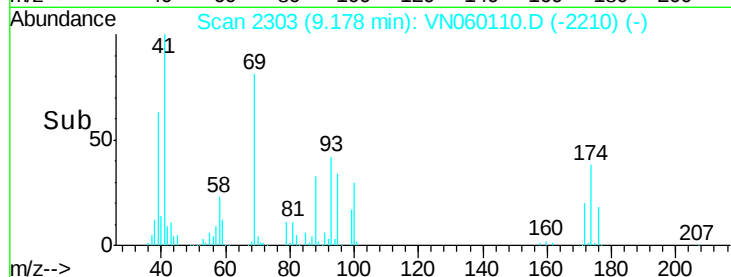
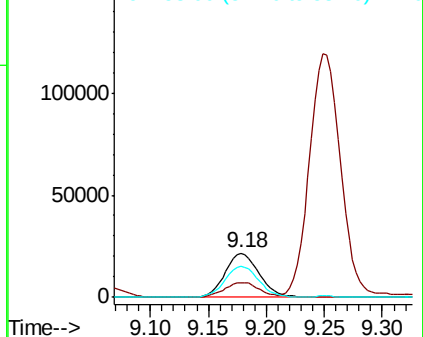
#49
 1,4-Dioxane
 Concen: 1226.759 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 44039
 Ion Ratio Lower Upper
 88 100
 43 34.5 26.2 39.2
 58 70.3 53.2 79.8

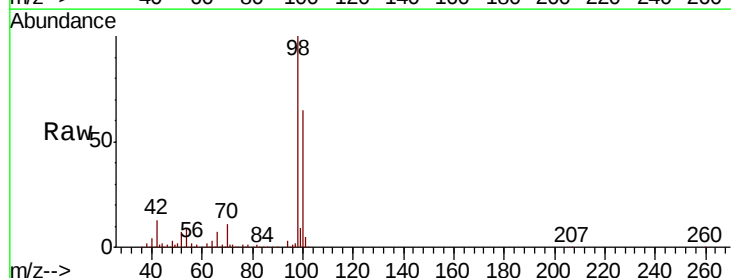


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

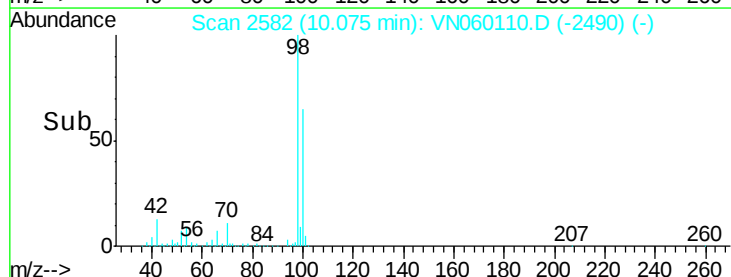
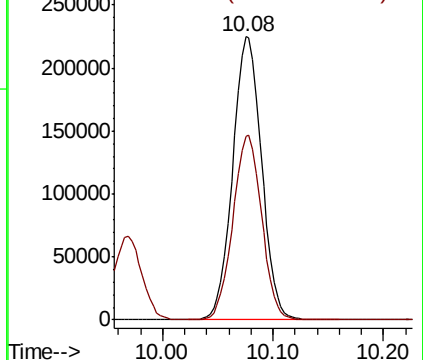


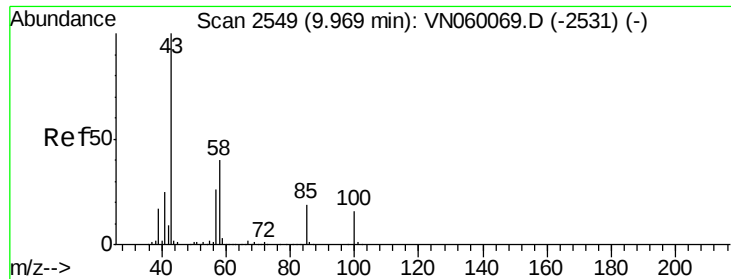
#50
 Toluene-d8
 Concen: 51.590 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Tgt Ion: 98 Resp: 408677
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.7 77.5



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

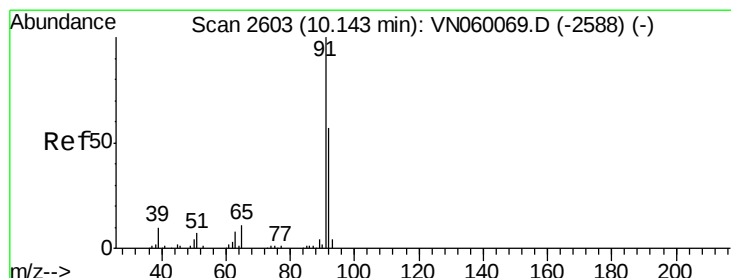
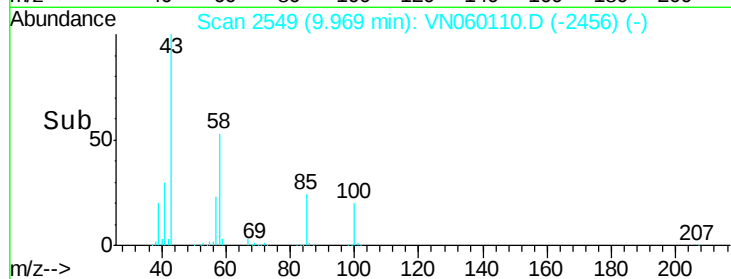
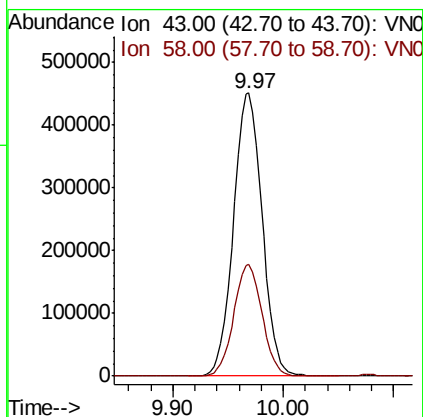
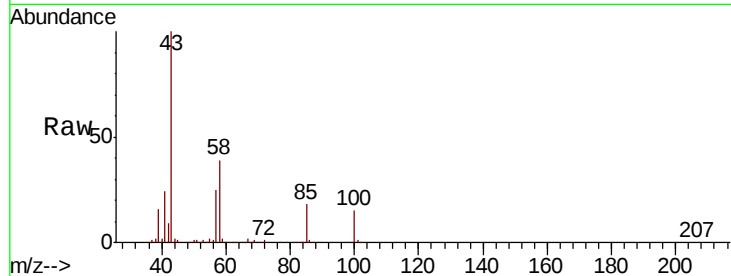




#51
 4-Methyl-2-Pentanone
 Concen: 300.555 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

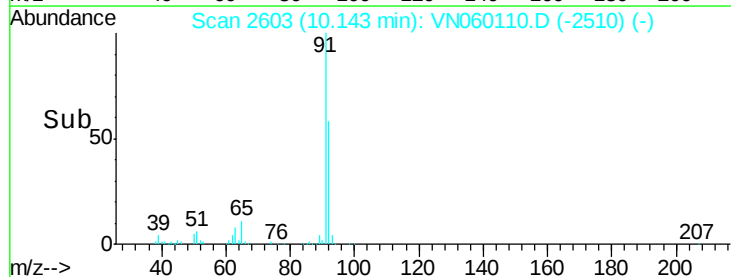
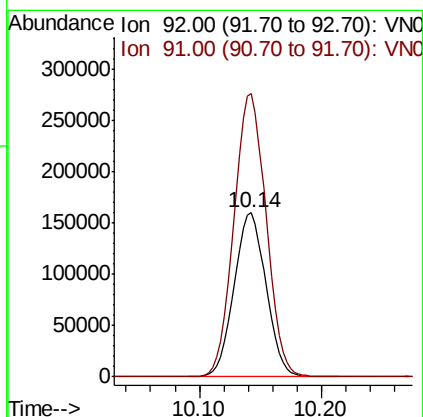
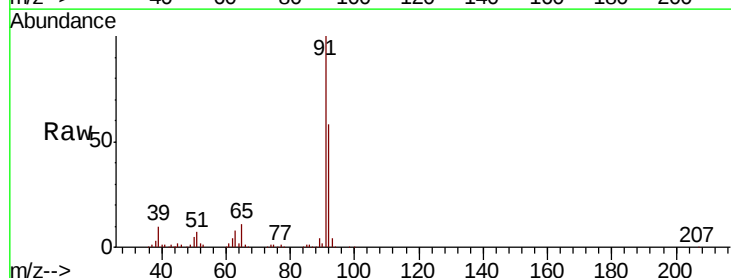
Instrument :
 MSVOA_N
 ClientSampled :

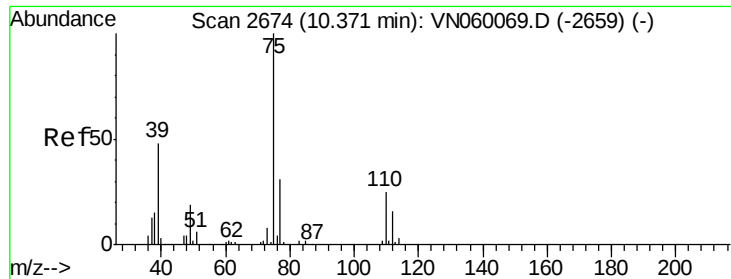
Tot Ion: 43 Resp: 814667
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.8 47.8



#52
 Toluene
 Concen: 50.364 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Tgt Ion: 92 Resp: 290397
 Ion Ratio Lower Upper
 92 100
 91 174.1 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 53.736 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

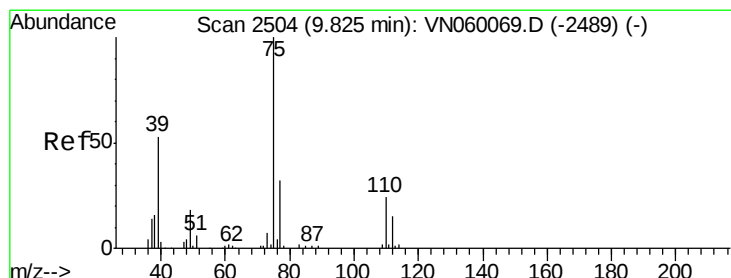
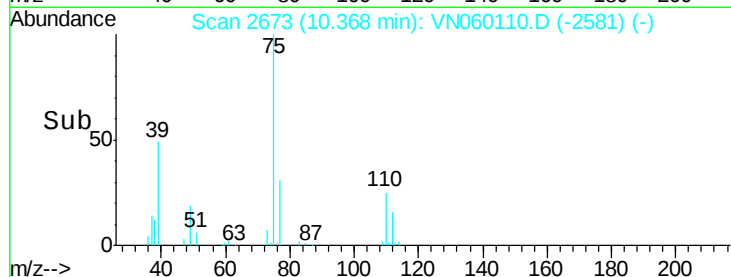
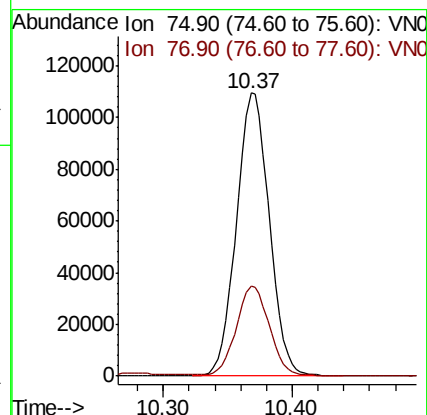
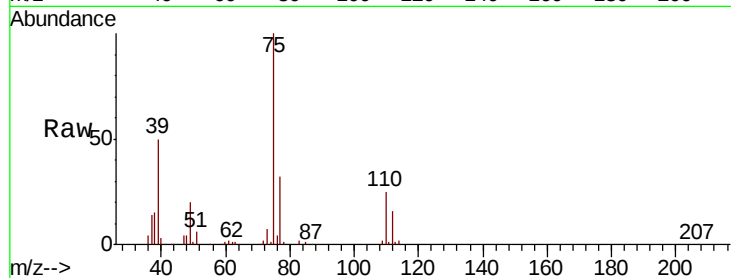
ClientSampled :

Tot Ion: 75 Resp: 193992

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.580 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

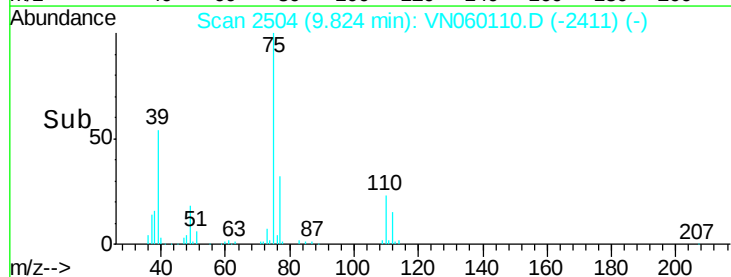
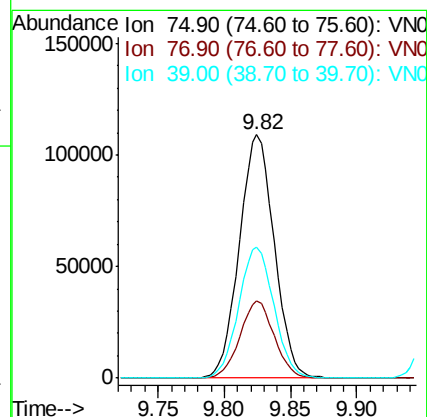
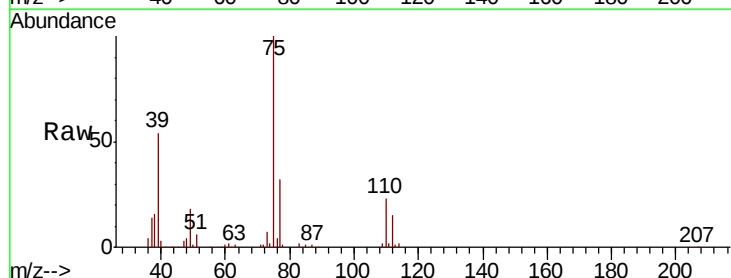
Tgt Ion: 75 Resp: 199878

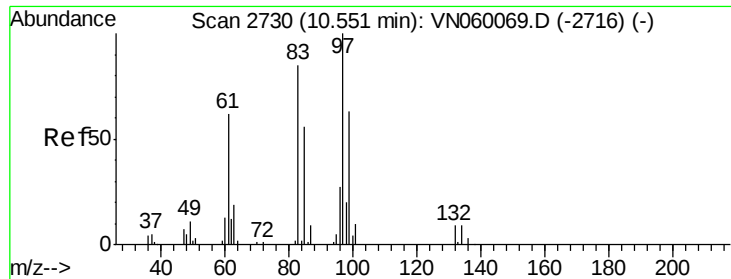
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 53.6 42.2 63.4

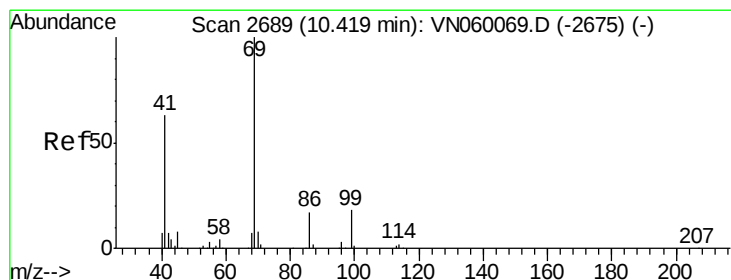
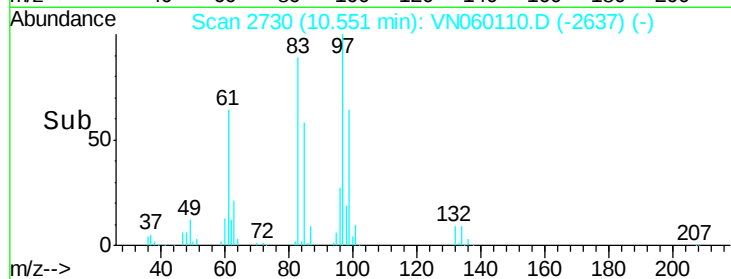
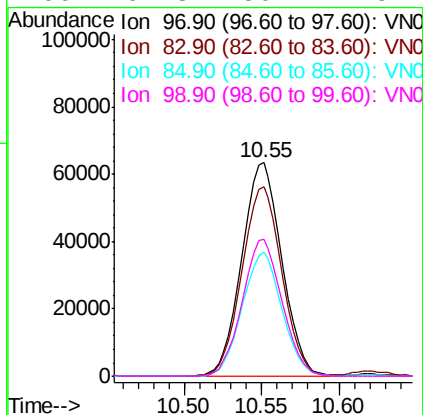
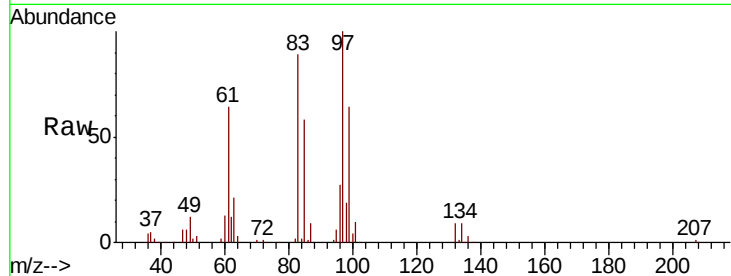




#55
 1,1,2-Trichloroethane
 Concen: 50.838 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

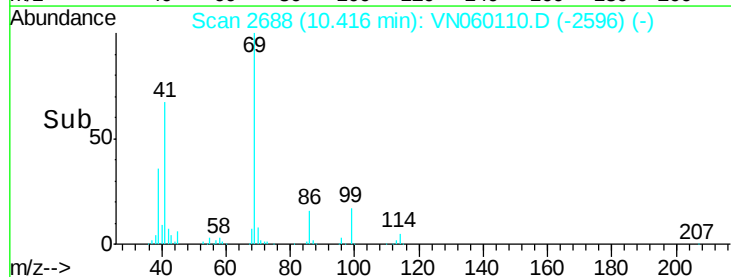
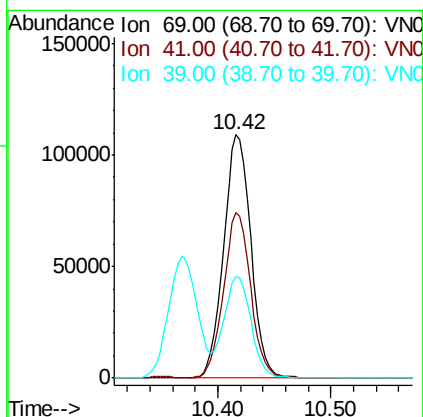
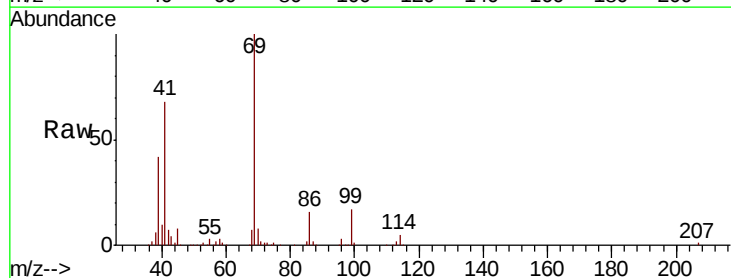
Instrument :
 MSVOA_N
 ClientSampled :

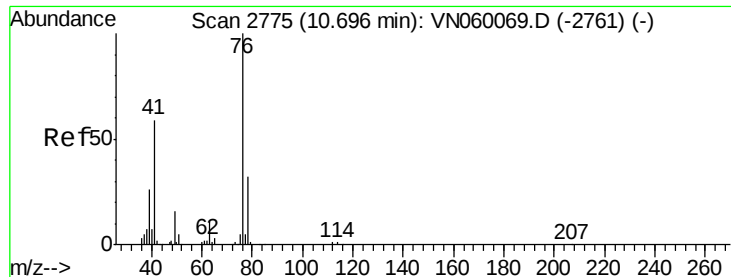
Tot Ion:	97	Resp:	114358
Ion	Ratio	Lower	Upper
97	100		
83	88.6	67.9	101.9
85	57.9	44.6	67.0
99	64.3	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 57.440 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Tgt Ion:	69	Resp:	182780
Ion	Ratio	Lower	Upper
69	100		
41	66.9	51.1	76.7
39	41.8	33.8	50.8





#57

1,3-Dichloropropane

Concen: 52.347 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

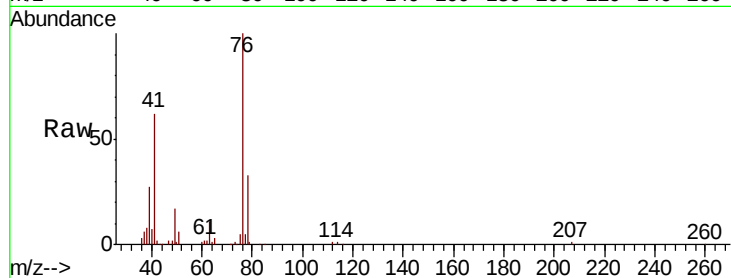
ClientSampled :

Tot Ion: 76 Resp: 194299

Ion Ratio Lower Upper

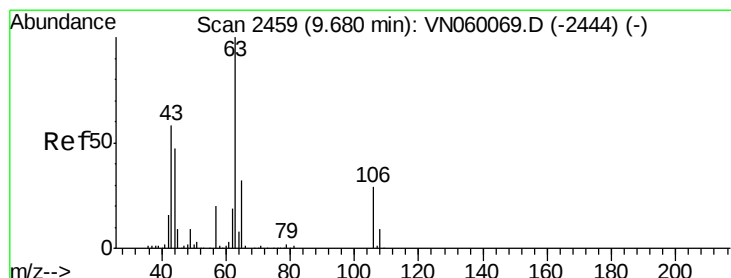
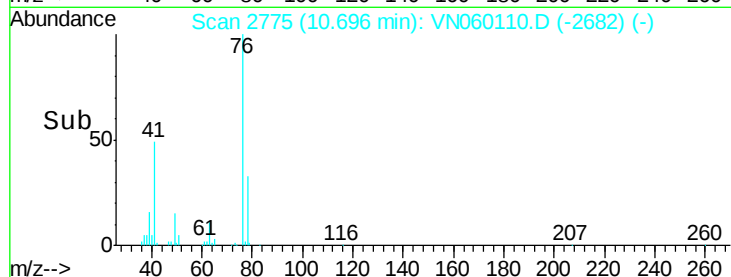
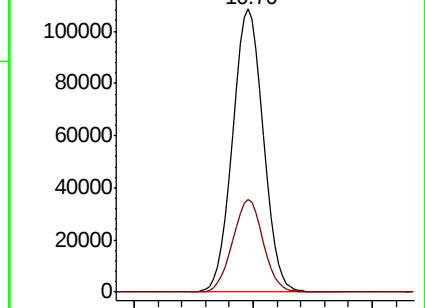
76 100

78 32.5 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN060110.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060110.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 293.011 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060110.D

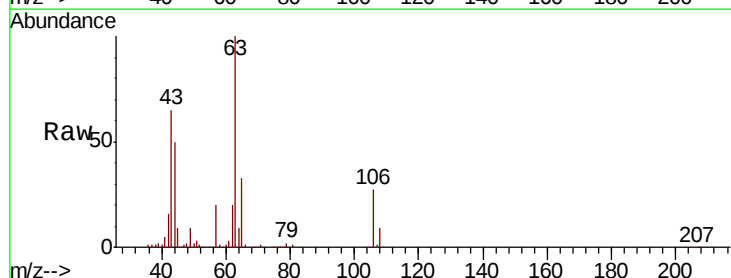
Acq: 17 Feb 2020 11:27

Tgt Ion: 63 Resp: 434377

Ion Ratio Lower Upper

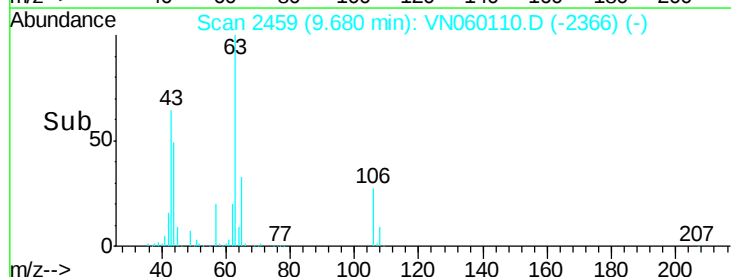
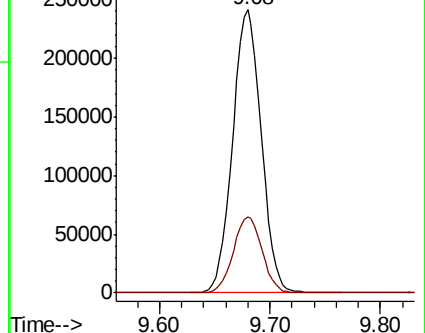
63 100

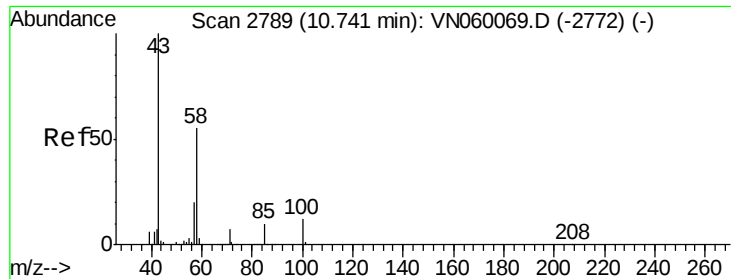
106 27.0 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VN060110.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060110.D (-2366) (-)

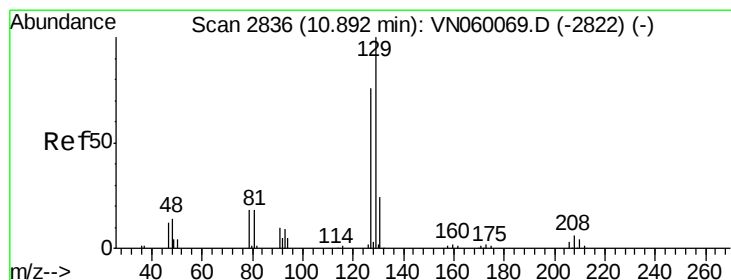
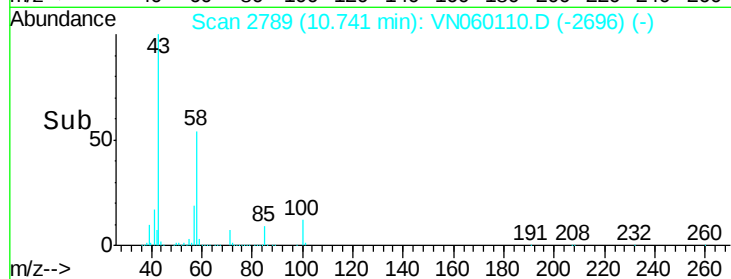
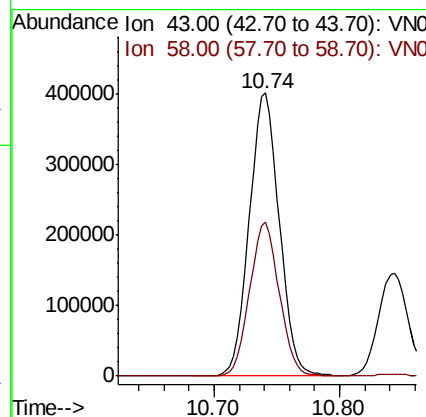
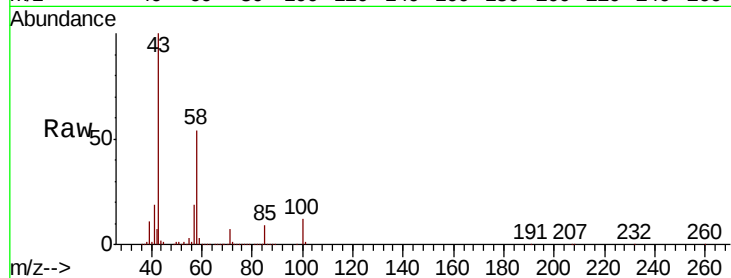




#59
2-Hexanone
Concen: 320.327 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

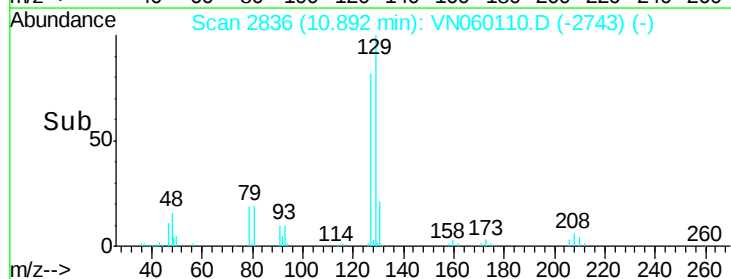
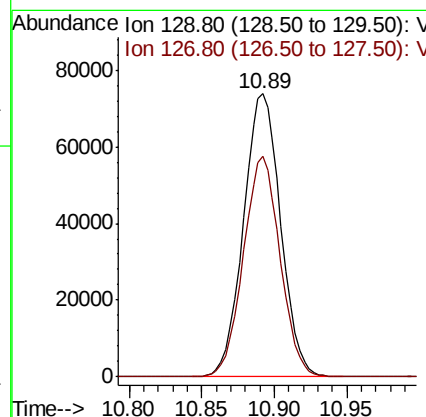
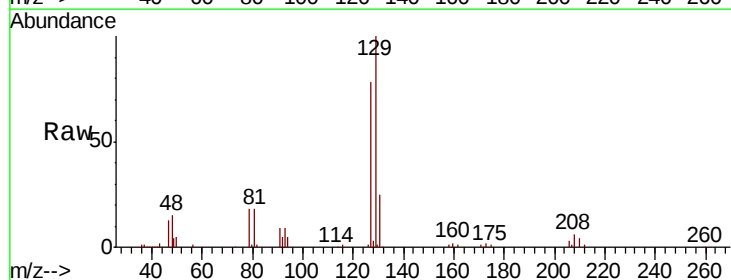
Instrument :
MSVOA_N
ClientSampled :

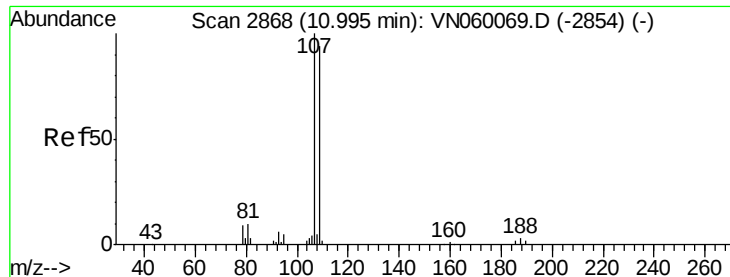
Tot Ion: 43 Resp: 670708
Ion Ratio Lower Upper
43 100
58 53.8 27.5 82.4



#60
Dibromochloromethane
Concen: 50.880 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Tgt Ion: 129 Resp: 131340
Ion Ratio Lower Upper
129 100
127 76.9 38.0 114.1

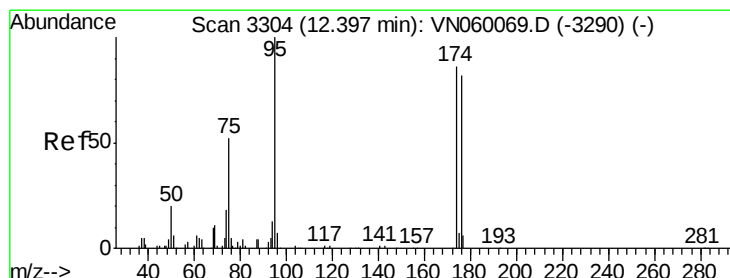
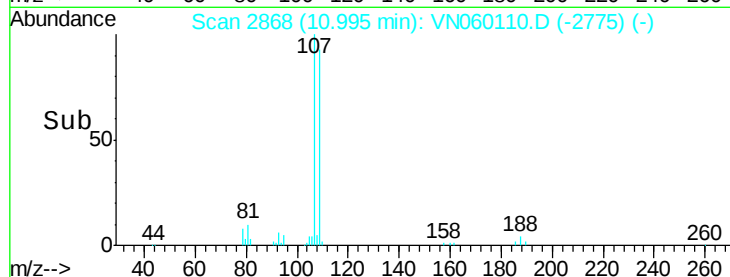
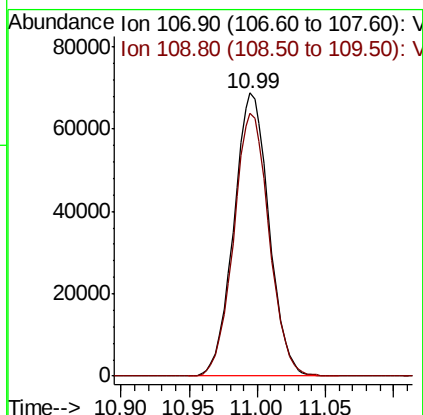
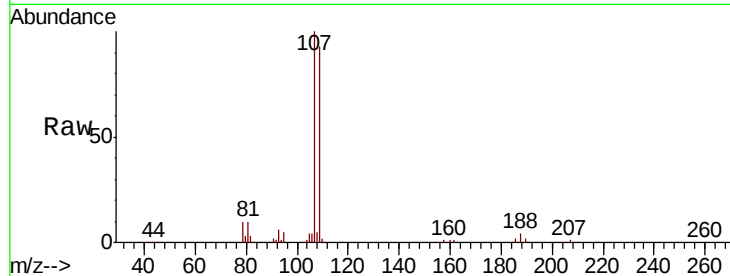




#61
 1,2-Dibromoethane
 Concen: 52.152 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

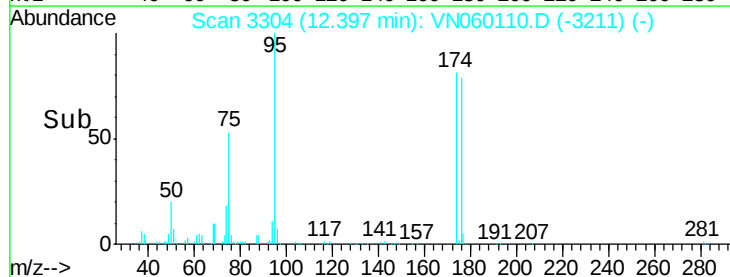
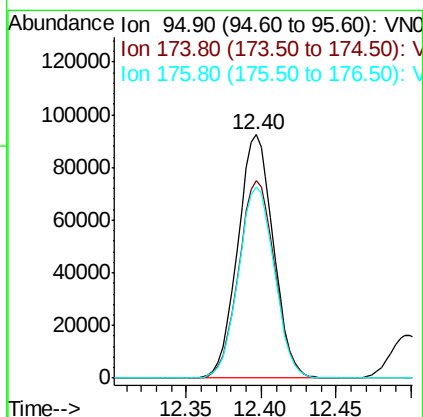
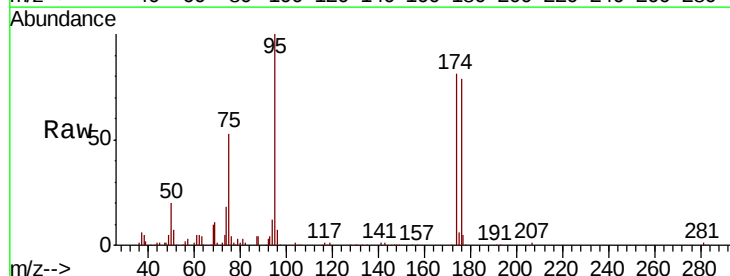
Instrument :
 MSVOA_N
 ClientSampleId :

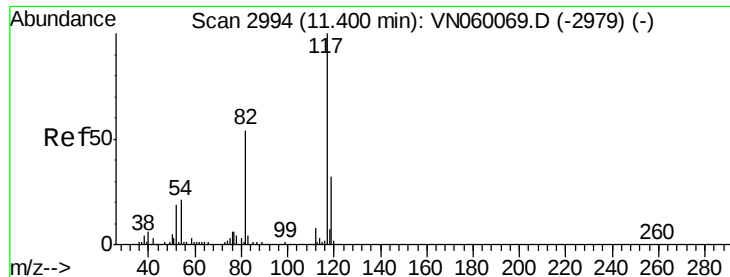
Tot Ion:107 Resp: 122979
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 52.583 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Tgt Ion: 95 Resp: 153063
 Ion Ratio Lower Upper
 95 100
 174 82.2 0.0 169.8
 176 79.5 0.0 164.8

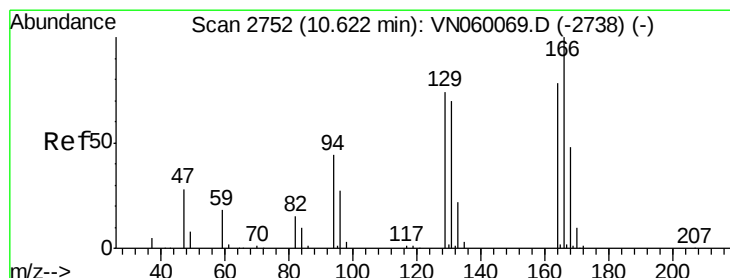
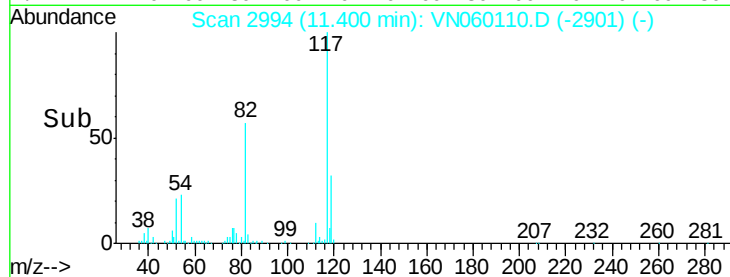
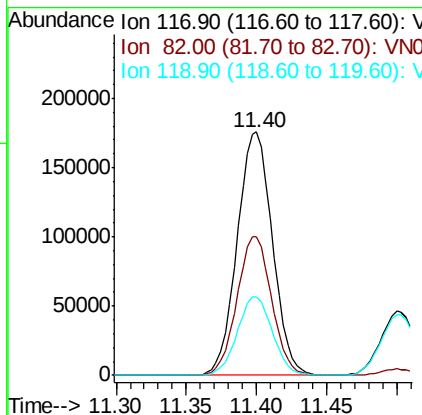
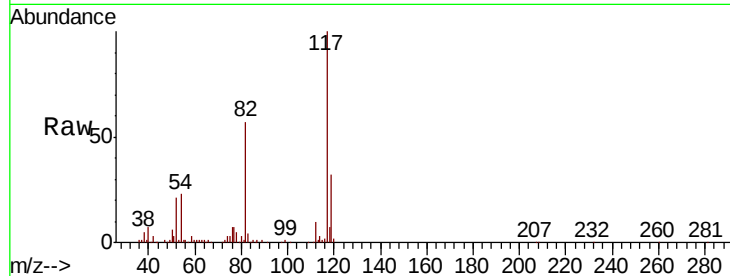




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

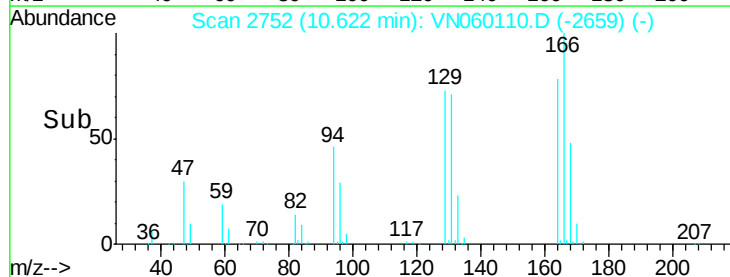
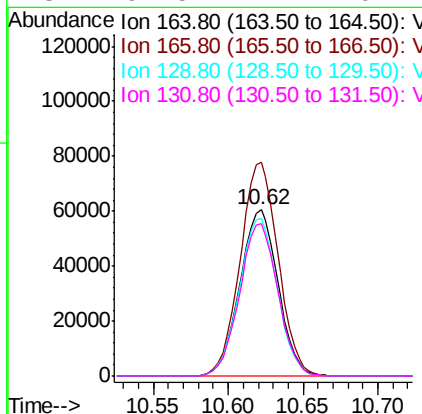
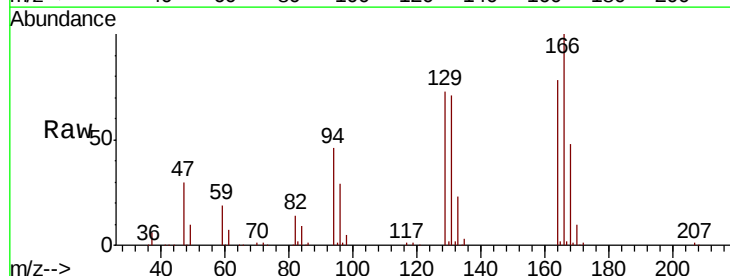
Instrument :
MSVOA_N
ClientSampleId :

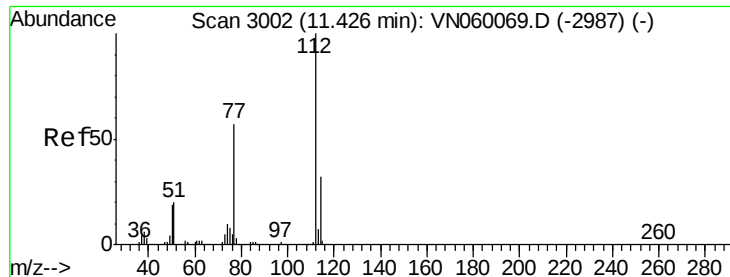
Tot Ion:117 Resp: 307873
Ion Ratio Lower Upper
117 100
82 57.1 43.4 65.0
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 46.002 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Tgt Ion:164 Resp: 107664
Ion Ratio Lower Upper
164 100
166 128.7 101.9 152.9
129 94.5 75.4 113.0
131 91.5 71.4 107.2





#65

Chlorobenzene

Concen: 49.223 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

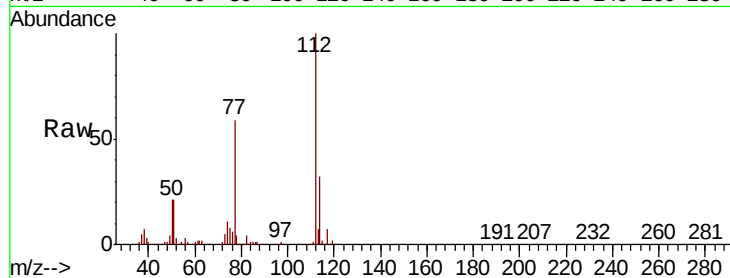
ClientSampleId :

Tot Ion:112 Resp: 308747

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

200000

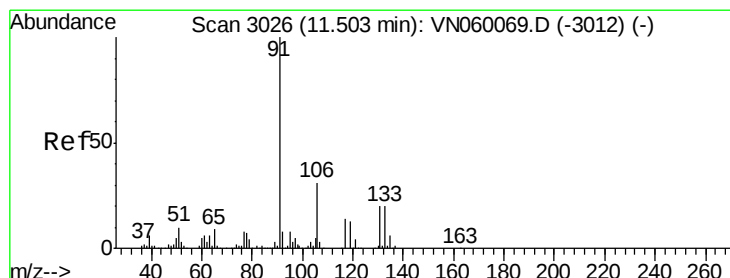
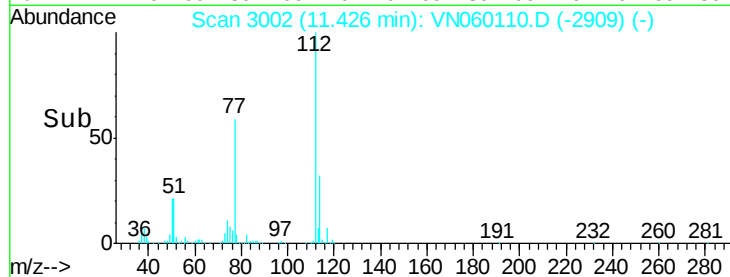
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.157 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

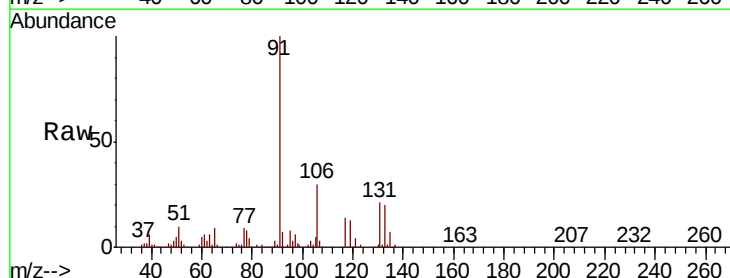
Tgt Ion:131 Resp: 116642

Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.7

119 66.2 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.50

80000

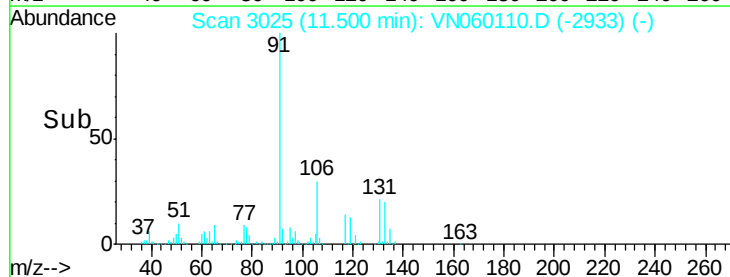
60000

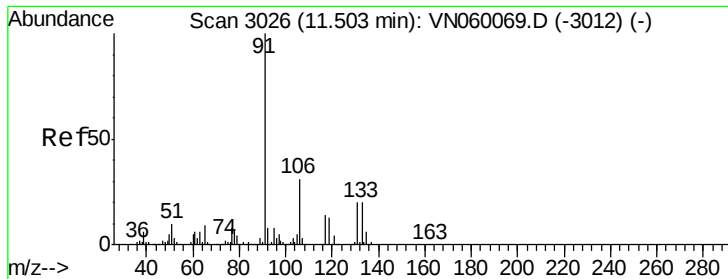
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 50.332 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

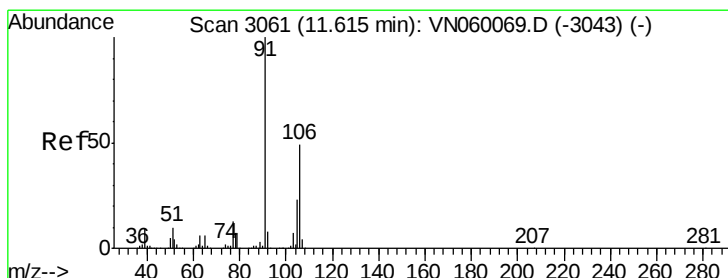
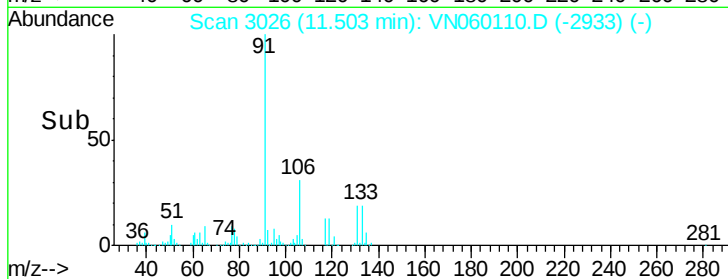
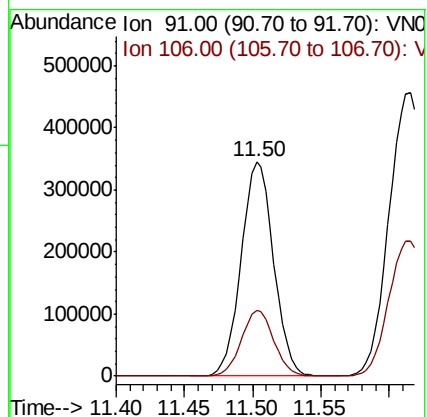
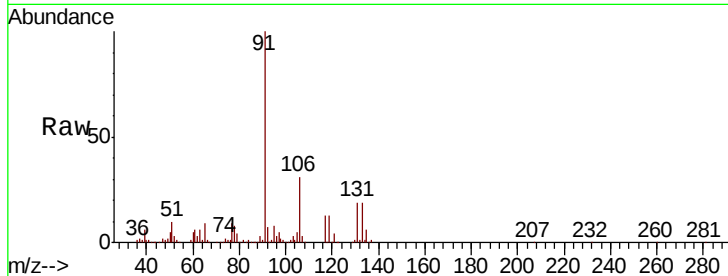
ClientSampled :

Tot Ion: 91 Resp: 569399

Ion Ratio Lower Upper

91 100

106 30.5 25.1 37.7



#68

m/p-Xylenes

Concen: 100.260 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060110.D

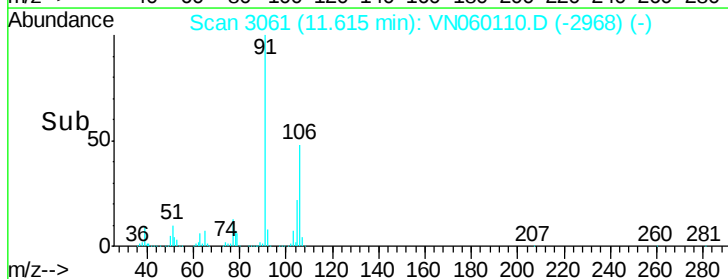
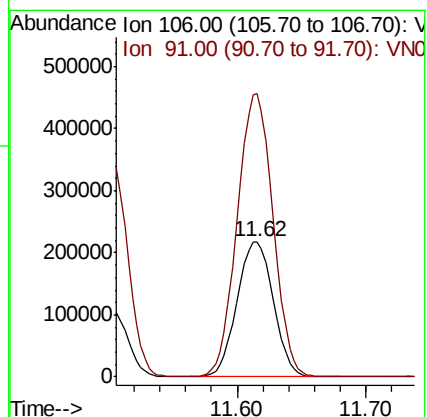
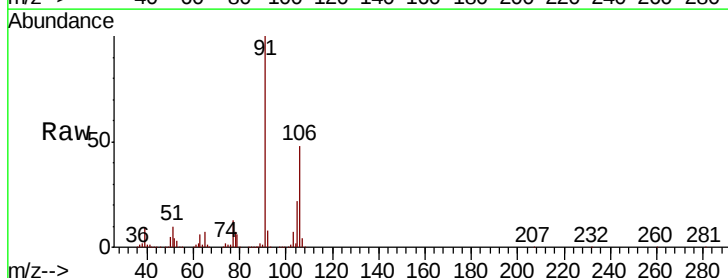
Acq: 17 Feb 2020 11:27

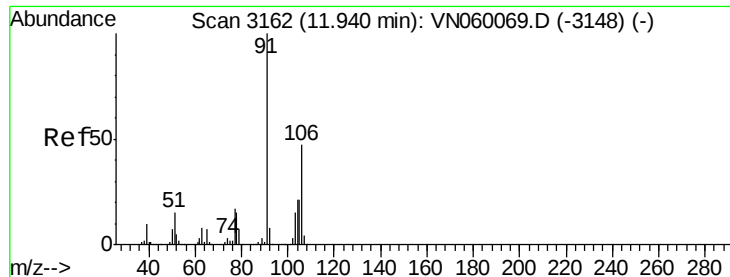
Tgt Ion: 106 Resp: 425690

Ion Ratio Lower Upper

106 100

91 206.7 162.7 244.1

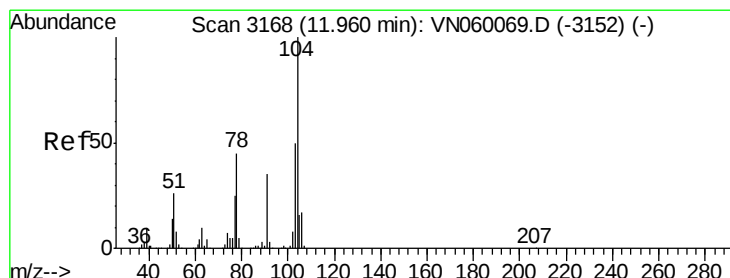
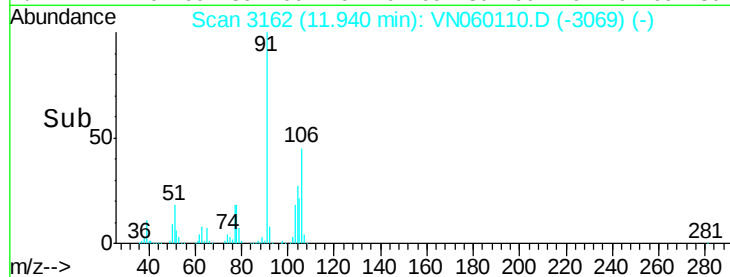
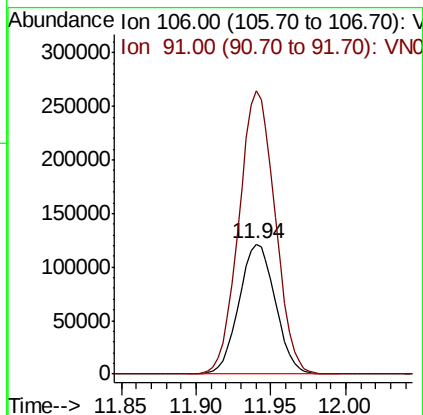
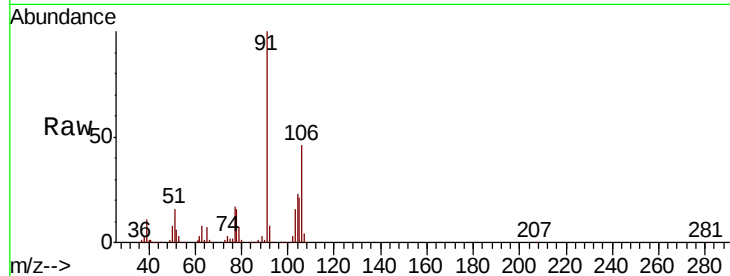




#69
o-Xylene
Concen: 50.067 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

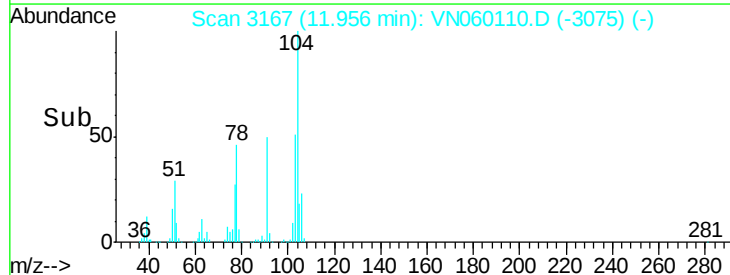
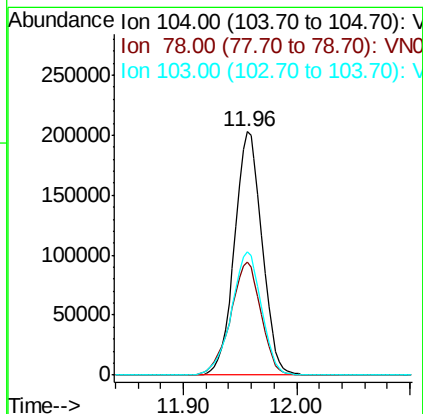
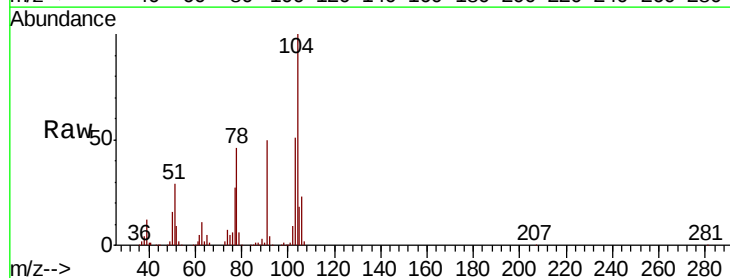
Instrument :
MSVOA_N
ClientSampled :

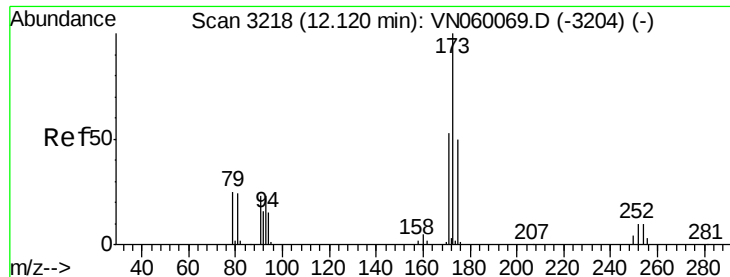
Tot Ion:106 Resp: 204677
Ion Ratio Lower Upper
106 100
91 217.4 107.2 321.6



#70
Styrene
Concen: 52.183 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Tgt Ion:104 Resp: 344013
Ion Ratio Lower Upper
104 100
78 51.3 40.2 60.2
103 55.1 44.3 66.5





#71

Bromoform

Concen: 52.197 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

ClientSampled :

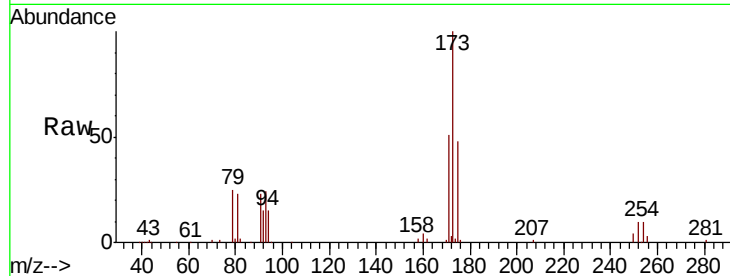
Tot Ion:173 Resp: 99617

Ion Ratio Lower Upper

173 100

175 48.6 24.9 74.6

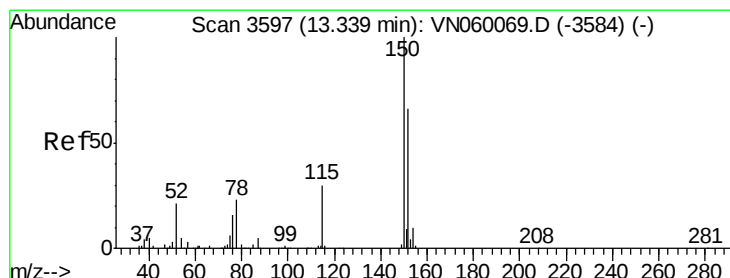
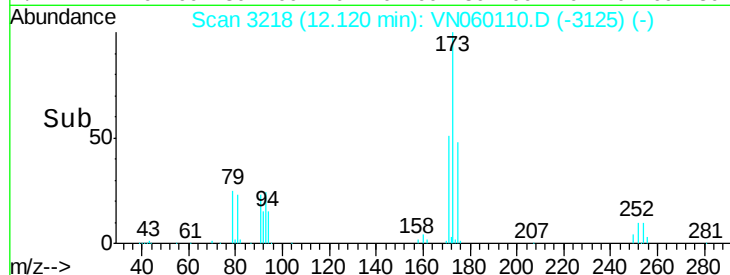
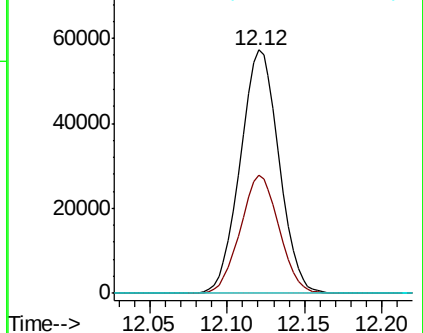
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

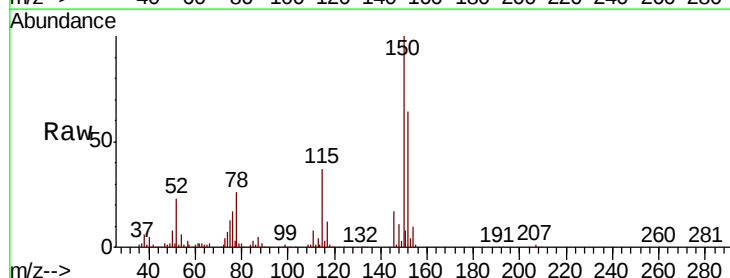
Tgt Ion:152 Resp: 155195

Ion Ratio Lower Upper

152 100

115 59.1 28.9 86.8

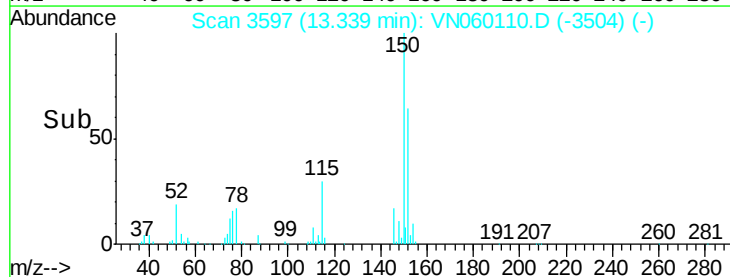
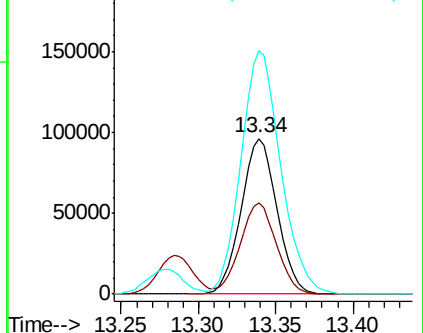
150 174.0 0.0 342.4

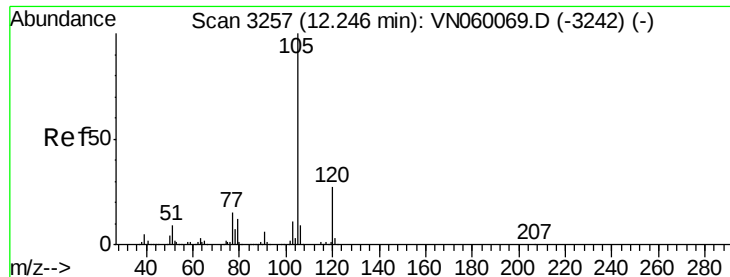


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.492 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

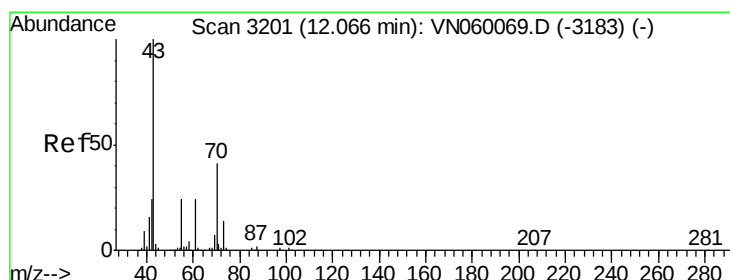
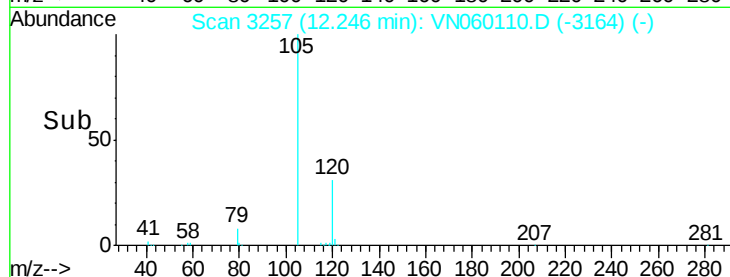
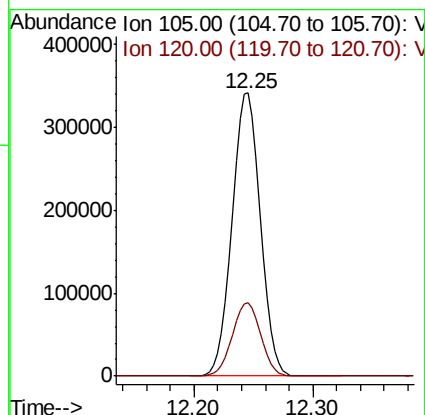
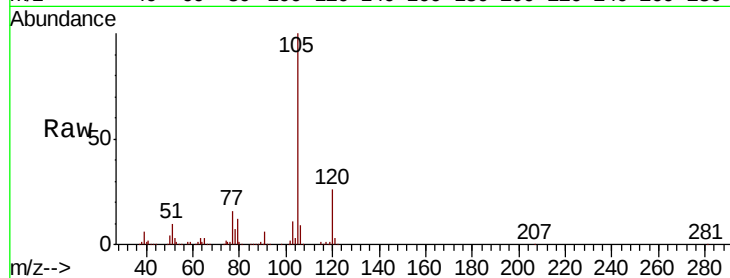
ClientSampleId :

Tot Ion:105 Resp: 561987

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#74

N-ethyl acetate

Concen: 58.906 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Tgt Ion: 43 Resp: 246168

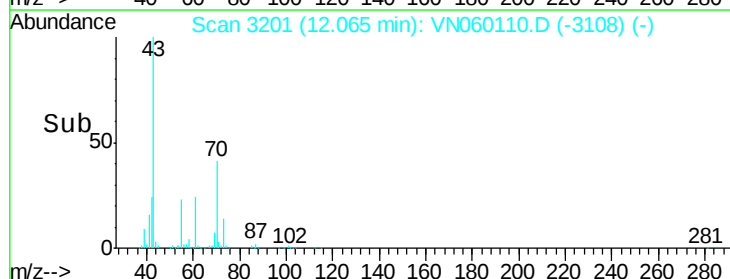
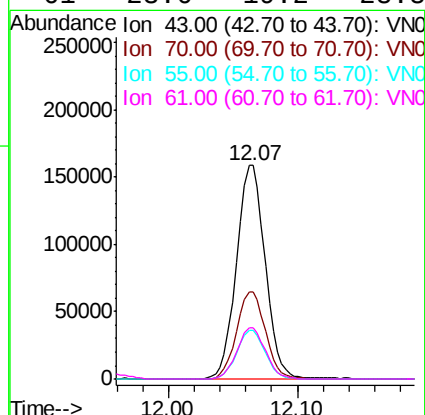
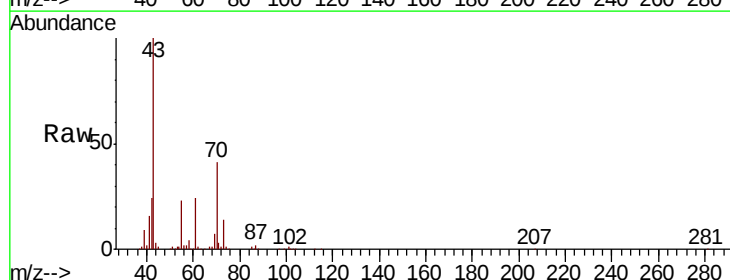
Ion Ratio Lower Upper

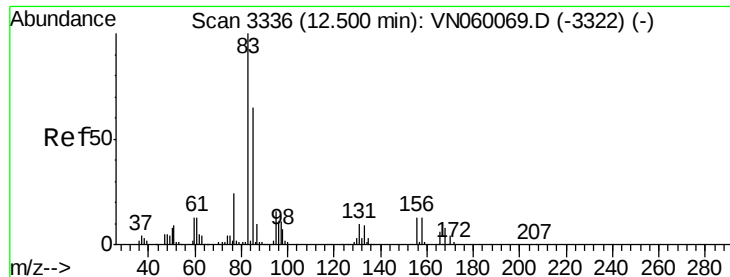
43 100

70 40.9 33.4 50.0

55 22.8 18.8 28.2

61 23.6 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.337 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

ClientSampled :

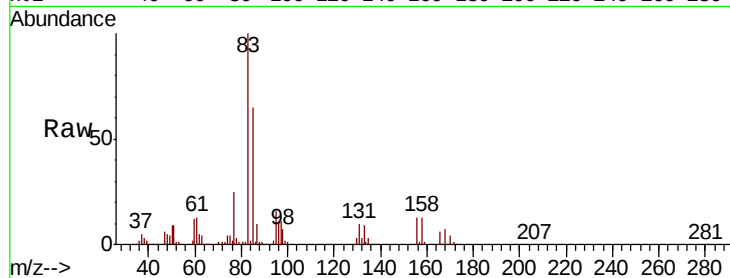
Tot Ion: 83 Resp: 174582

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

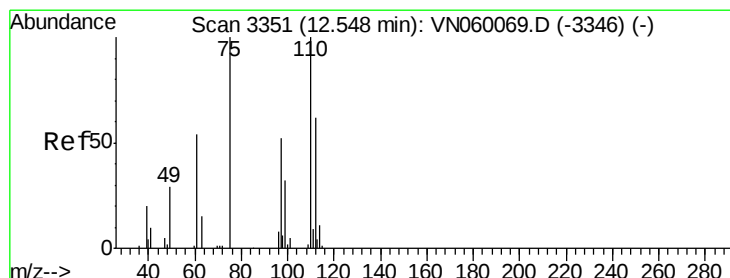
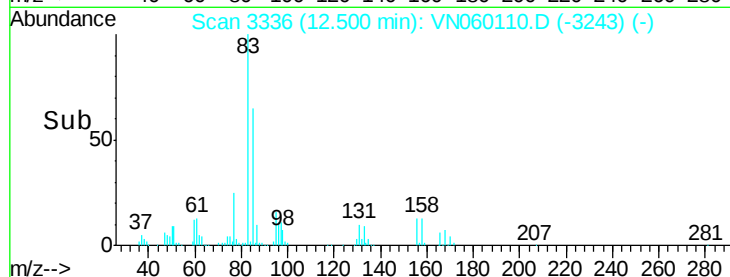
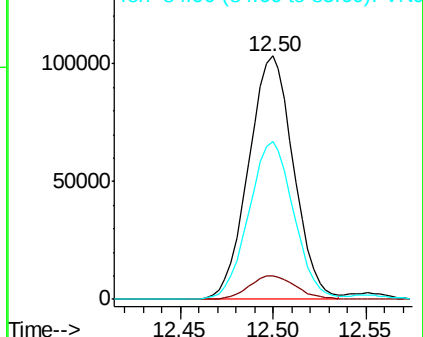
85 64.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060110.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060110.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060110.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 80.524 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060110.D

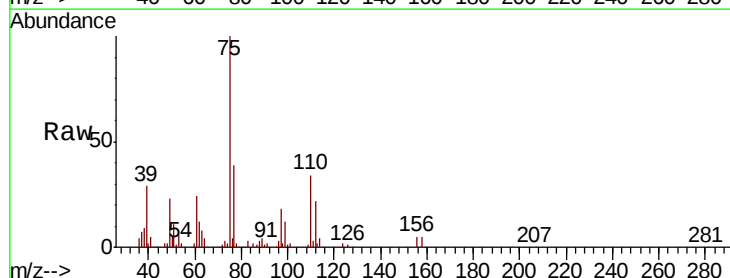
Acq: 17 Feb 2020 11:27

Tgt Ion: 75 Resp: 239092

Ion Ratio Lower Upper

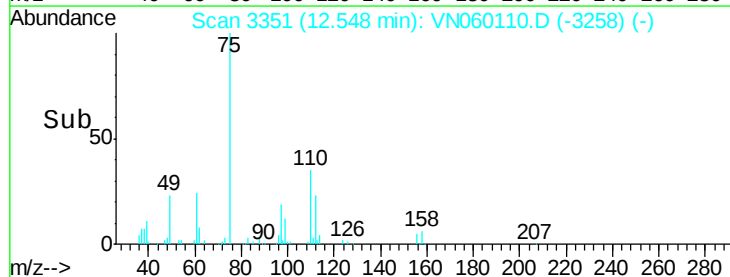
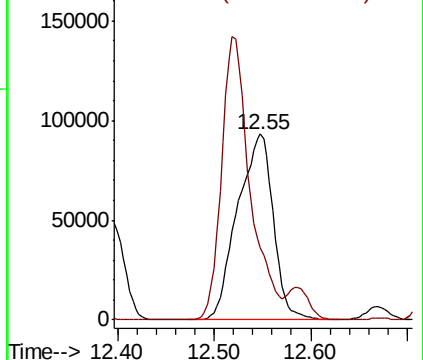
75 100

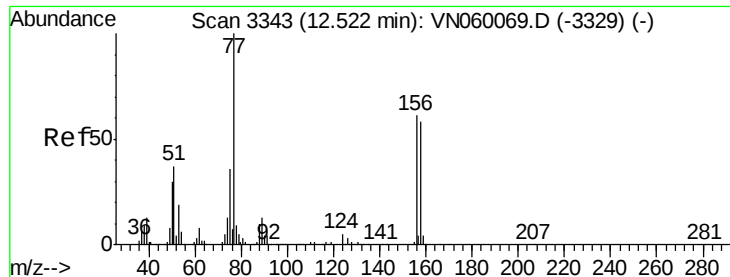
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060110.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060110.D (-3258) (-)





#77

Bromobenzene

Concen: 47.843 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

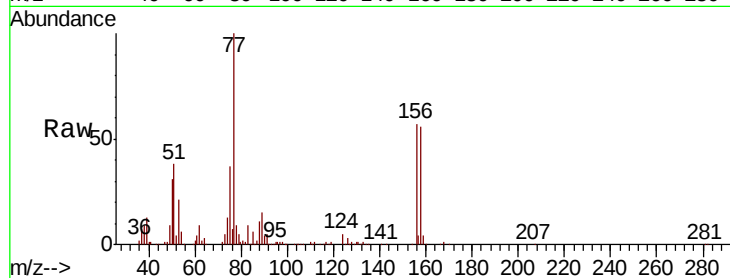
Tot Ion:156 Resp: 137600

Ion Ratio Lower Upper

156 100

77 212.3 98.7 296.1

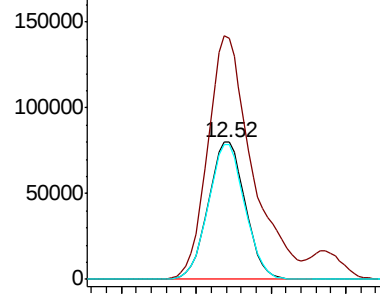
158 97.5 48.1 144.4



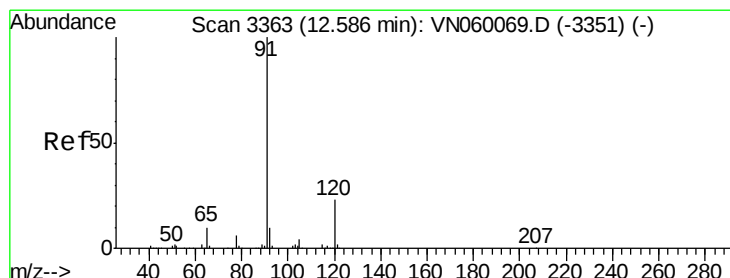
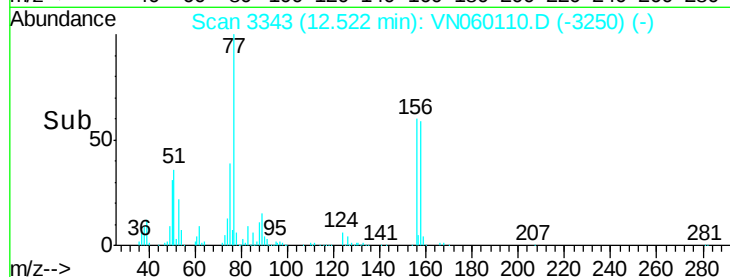
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 49.698 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060110.D

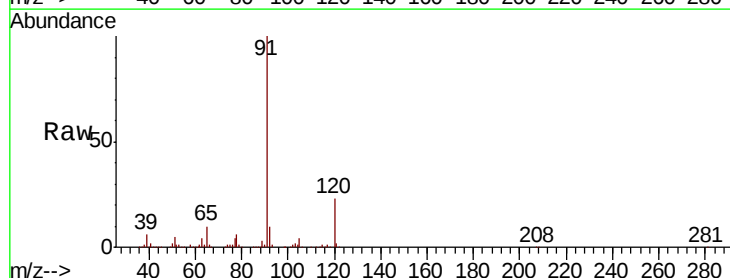
Acq: 17 Feb 2020 11:27

Tgt Ion: 91 Resp: 656205

Ion Ratio Lower Upper

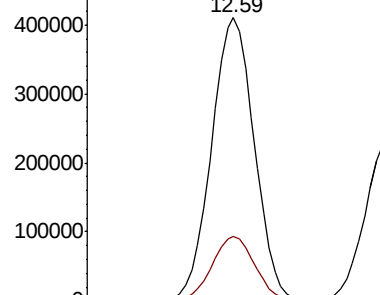
91 100

120 22.8 11.5 34.5

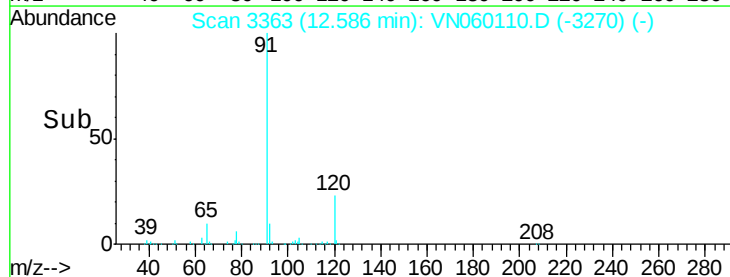


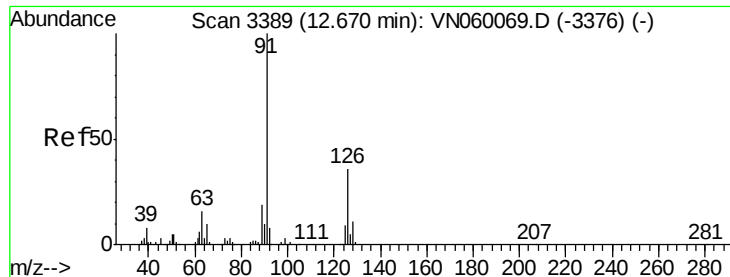
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 49.199 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

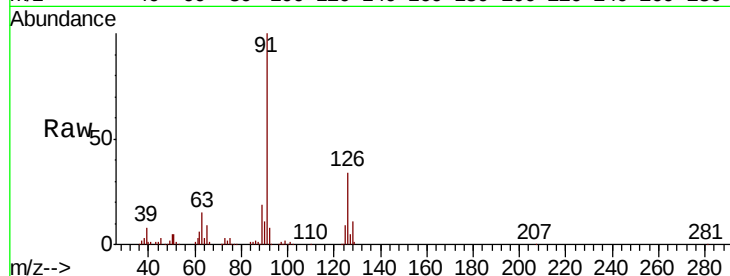
ClientSampled :

Tot Ion: 91 Resp: 381824

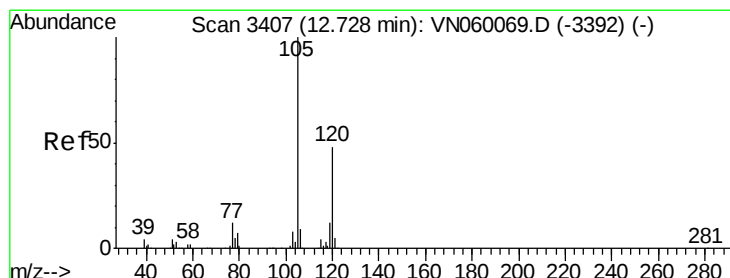
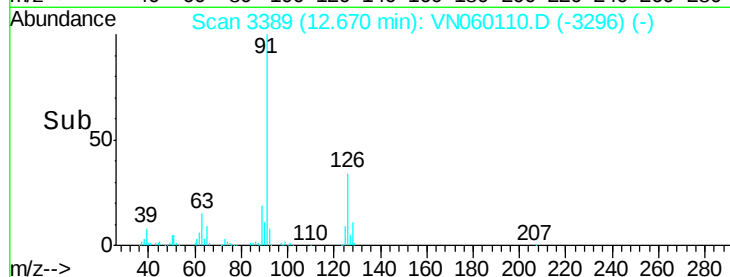
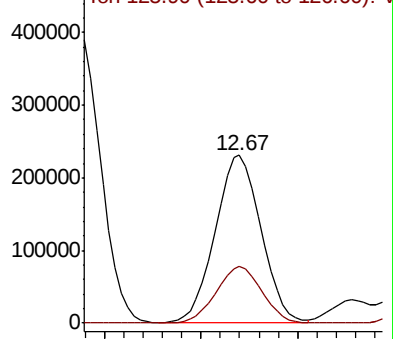
Ion Ratio Lower Upper

91 100

126 33.6 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN060110.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.718 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060110.D

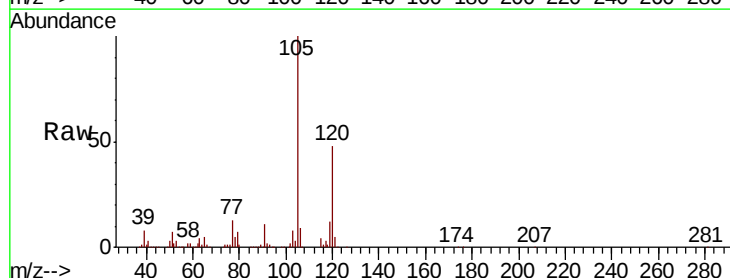
Acq: 17 Feb 2020 11:27

Tgt Ion: 105 Resp: 479072

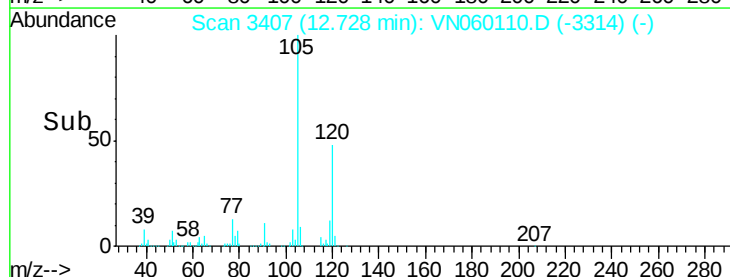
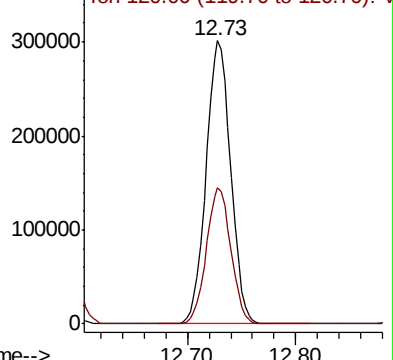
Ion Ratio Lower Upper

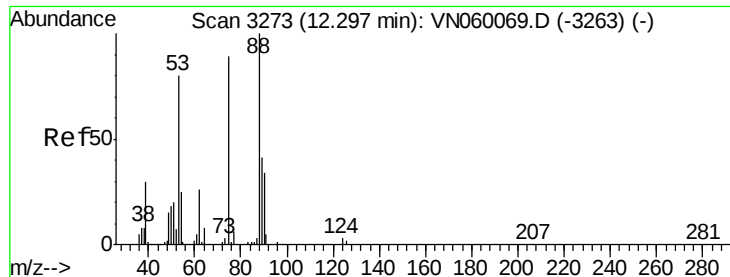
105 100

120 48.0 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VN060110.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.771 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

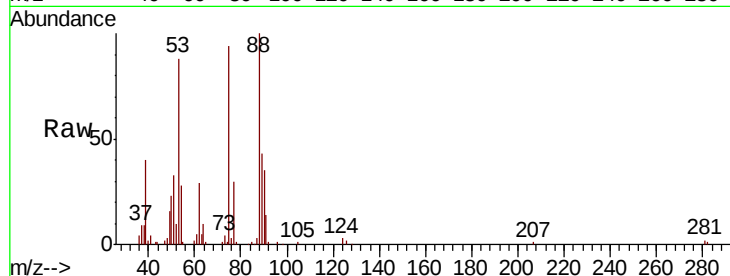
Tot Ion: 75 Resp: 67631

Ion Ratio Lower Upper

75 100

53 92.7 73.9 110.9

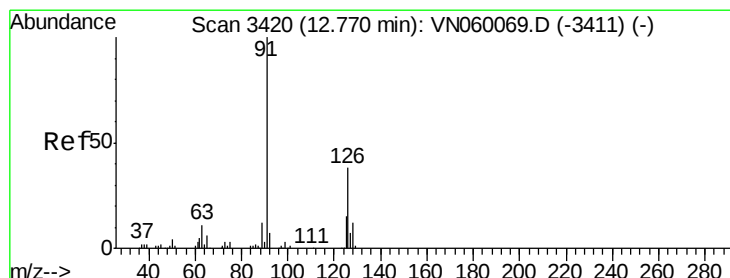
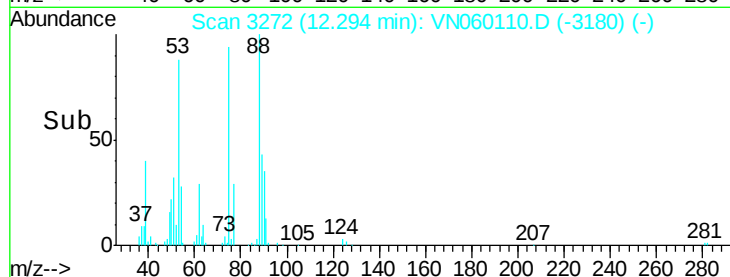
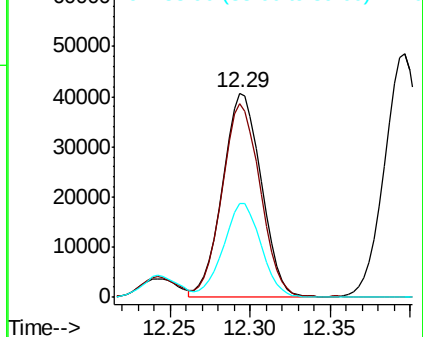
89 44.8 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.727 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060110.D

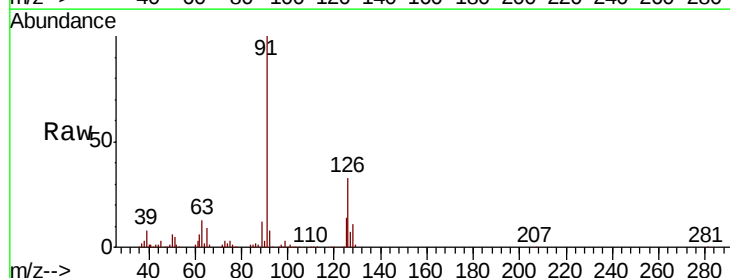
Acq: 17 Feb 2020 11:27

Tgt Ion: 91 Resp: 395940

Ion Ratio Lower Upper

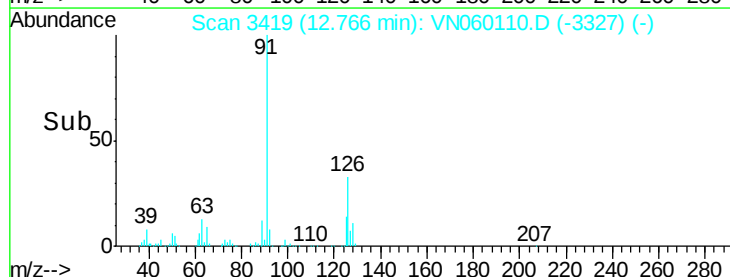
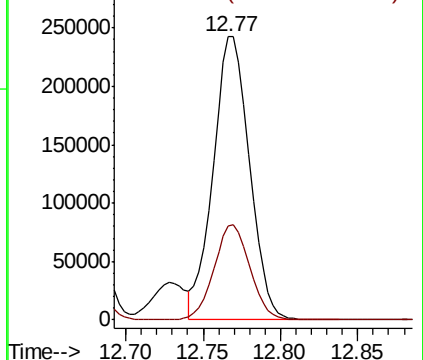
91 100

126 33.2 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

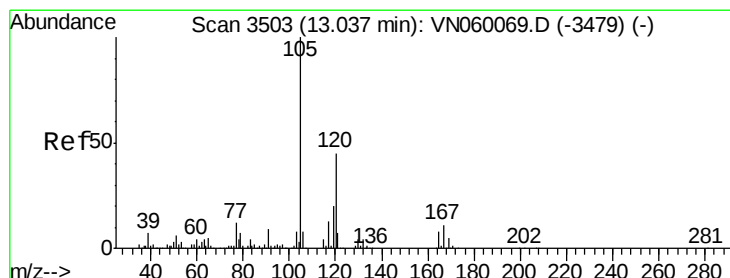
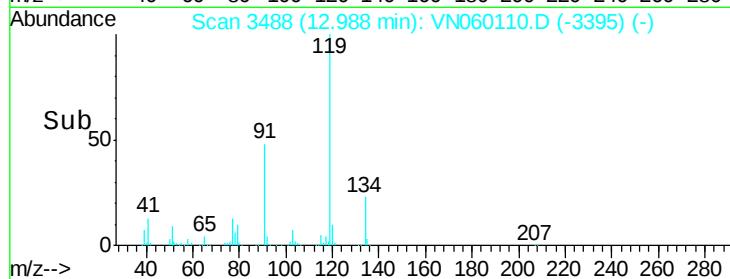
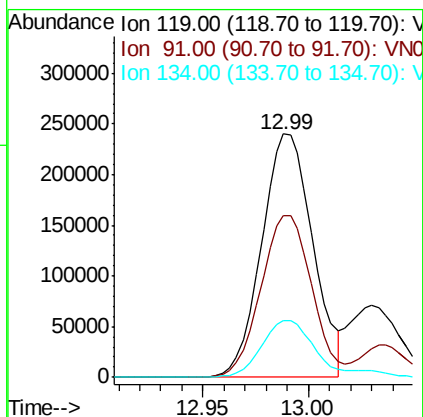
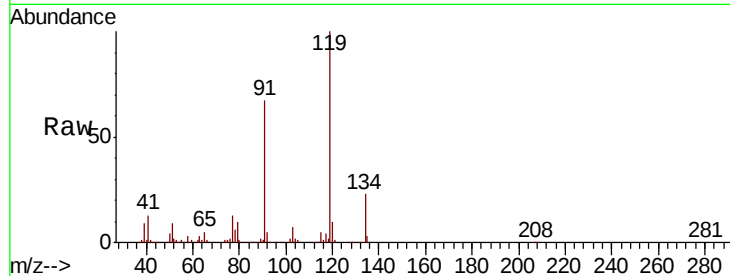




#83
tert-Butylbenzene
Concen: 47.534 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

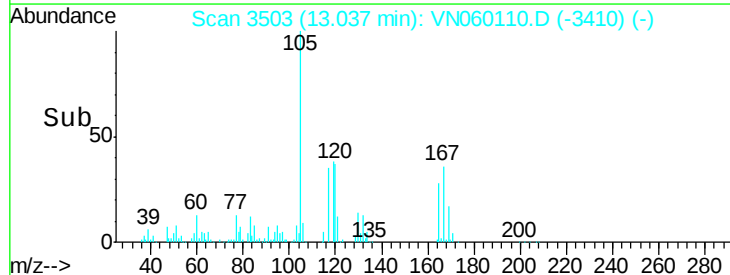
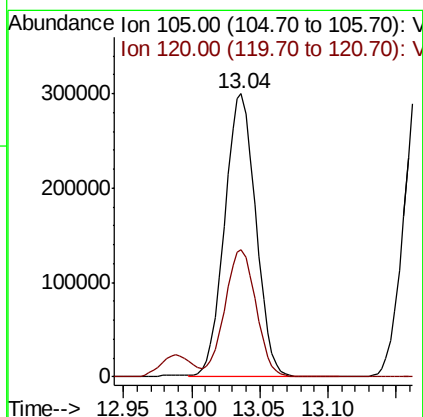
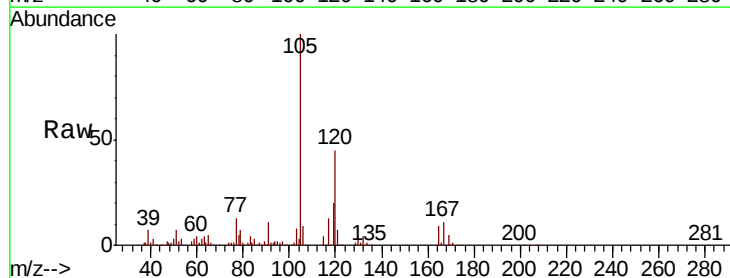
Instrument :
MSVOA_N
ClientSampled :

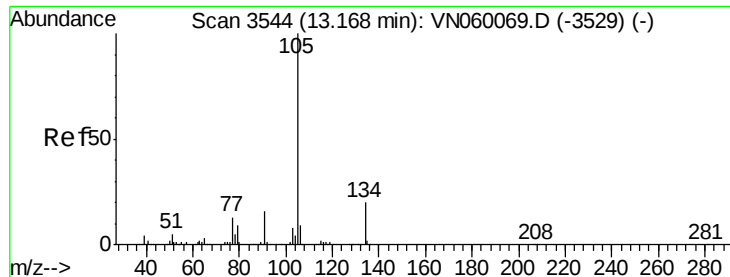
Tot Ion:119 Resp: 405181
Ion Ratio Lower Upper
119 100
91 66.1 32.7 98.1
134 25.6 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 49.952 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Tgt Ion:105 Resp: 475137
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3

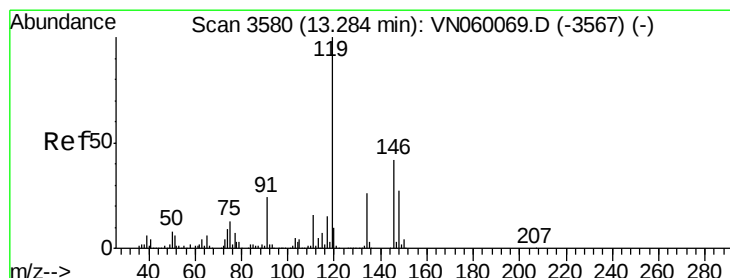
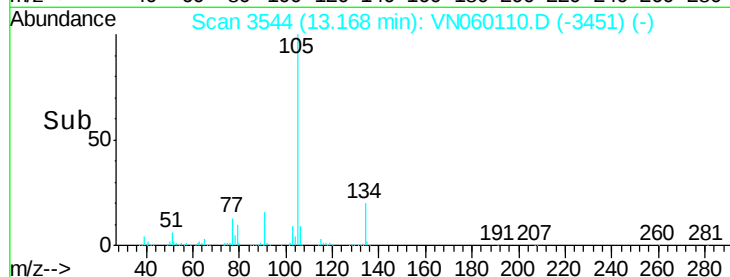
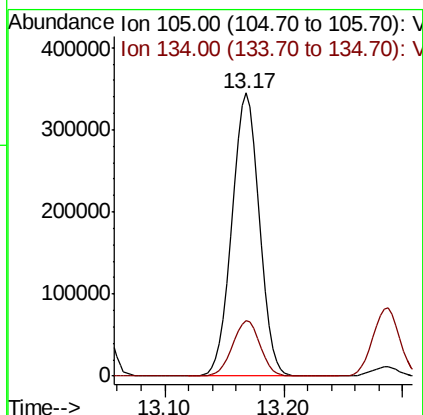
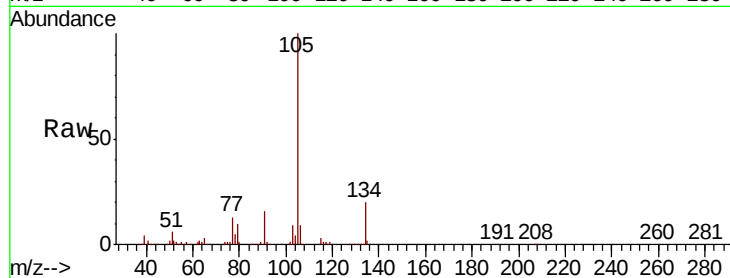




#85
 sec-Butylbenzene
 Concen: 48.719 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

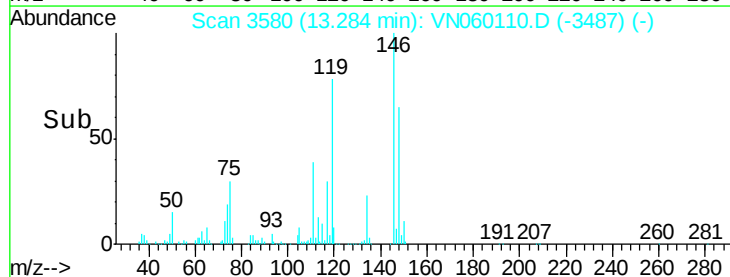
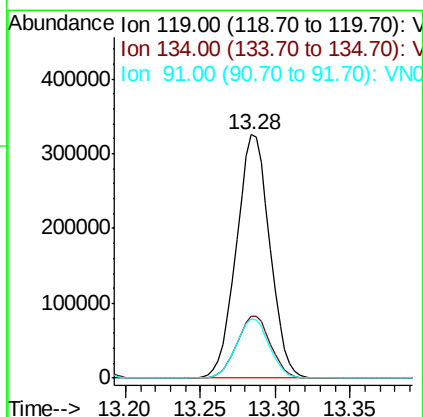
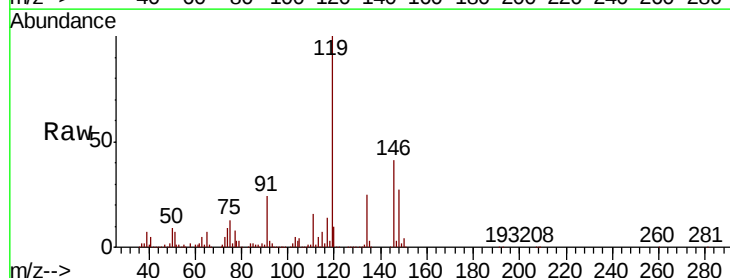
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:105 Resp: 549978
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 49.272 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Tgt Ion:119 Resp: 503960
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 24.4 11.9 35.9

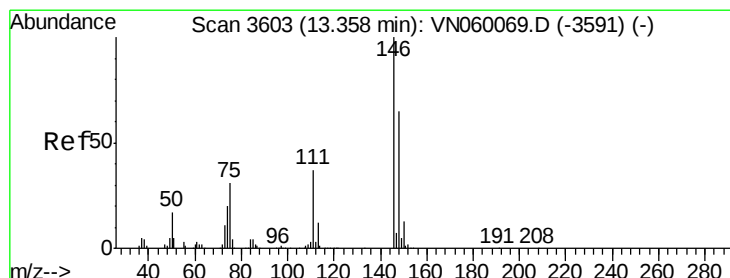
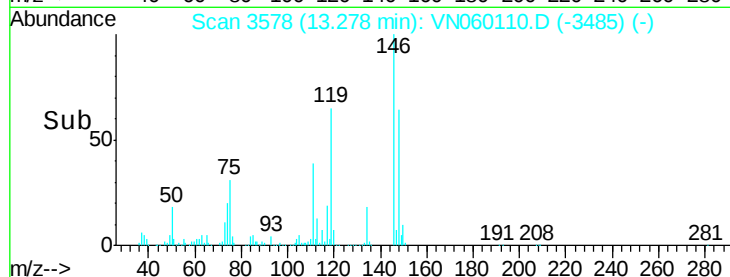
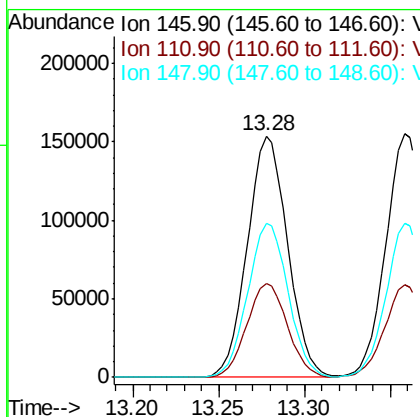
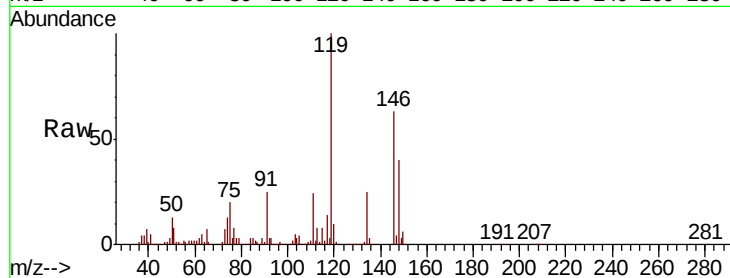




#87
 1,3-Dichlorobenzene
 Concen: 49.030 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

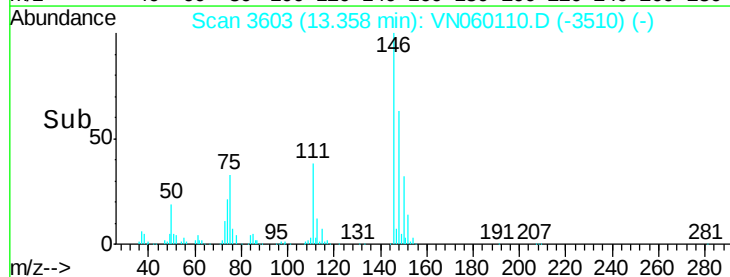
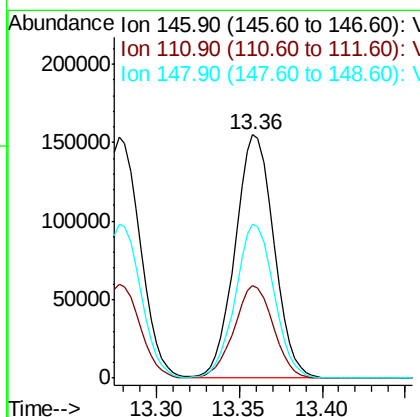
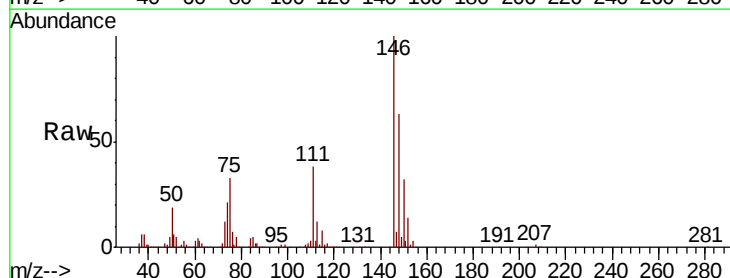
Instrument :
 MSVOA_N
 ClientSampled :

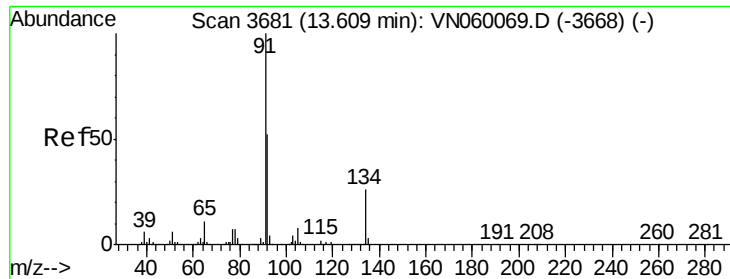
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.3
148	64.1	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.403 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060110.D
 Acq: 17 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.9	56.5
148	63.3	32.0	96.0

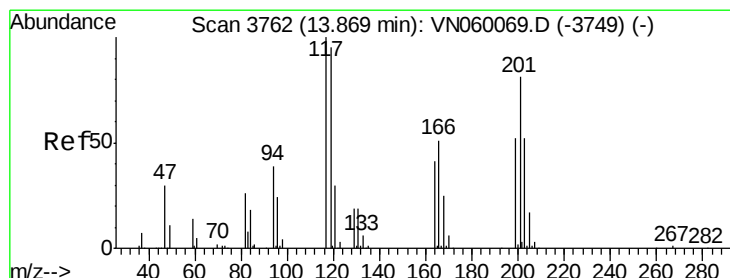
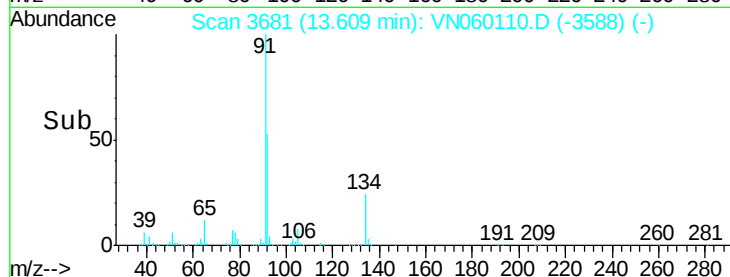
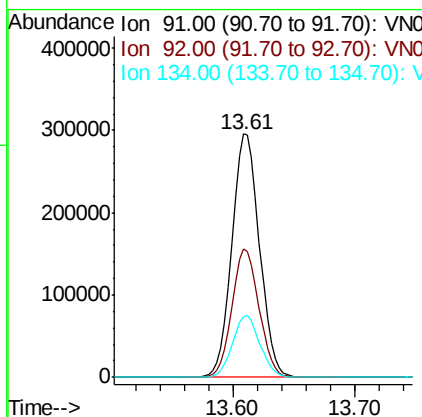
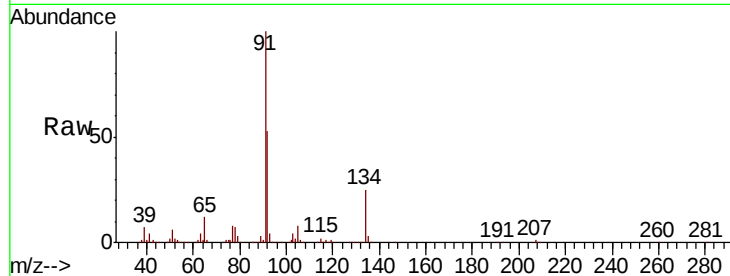




#89
n-Butylbenzene
Concen: 51.631 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

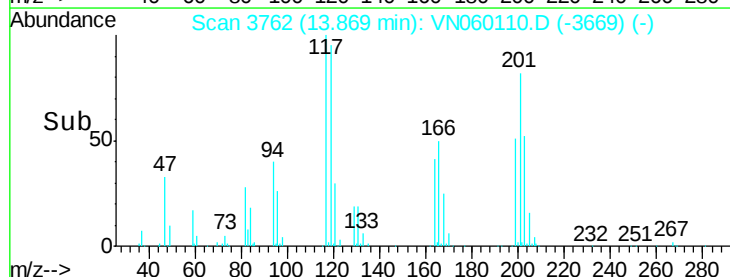
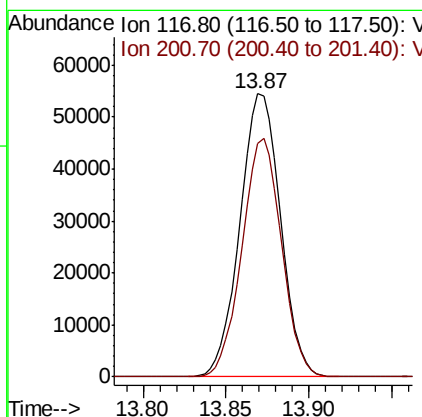
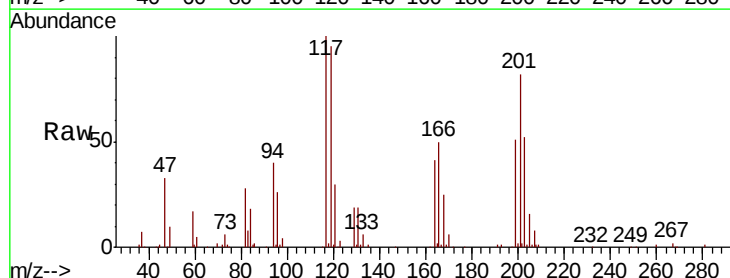
Instrument :
MSVOA_N
ClientSampled :

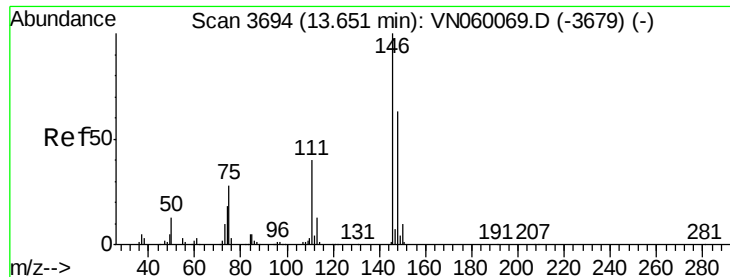
Tot Ion: 91 Resp: 464488
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.2
134 25.2 13.1 39.3



#90
Hexachloroethane
Concen: 48.664 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060110.D
Acq: 17 Feb 2020 11:27

Tgt Ion: 117 Resp: 92987
Ion Ratio Lower Upper
117 100
201 81.9 41.7 125.1





#91

1,2-Dichlorobenzene

Concen: 48.485 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060110.D

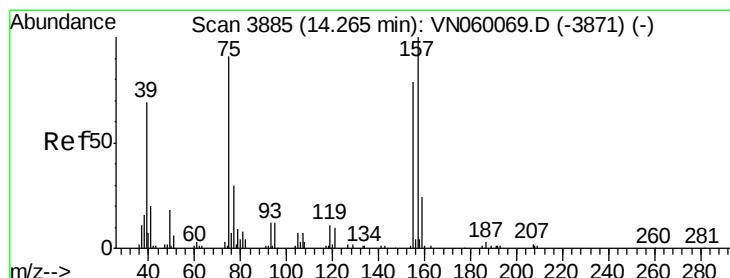
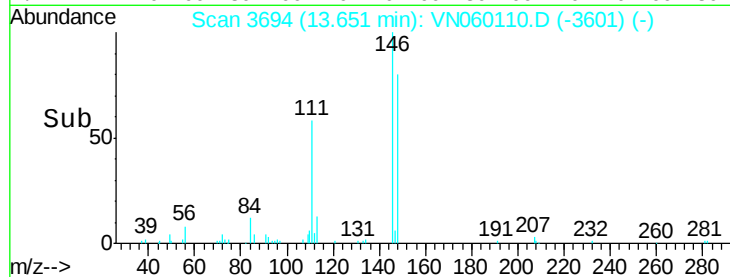
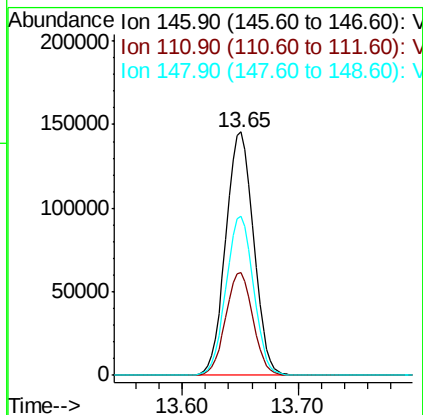
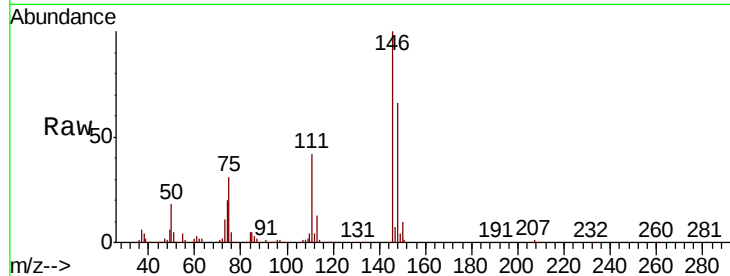
Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	241567
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.1	60.2
148	64.5	31.9	95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.380 ug/l

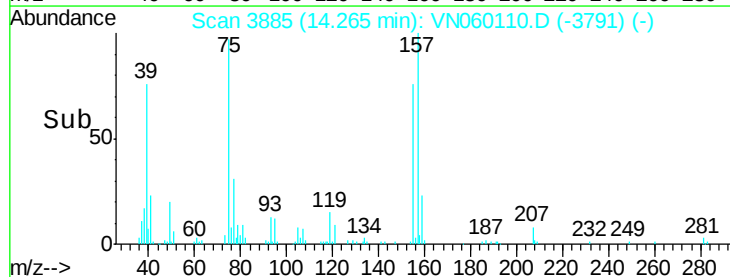
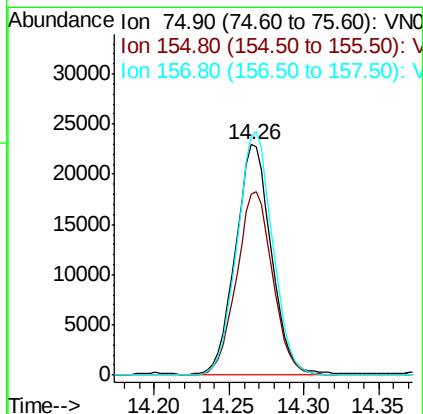
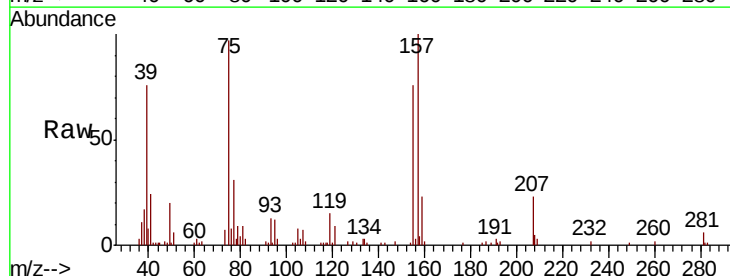
RT: 14.26 min Scan# 3885

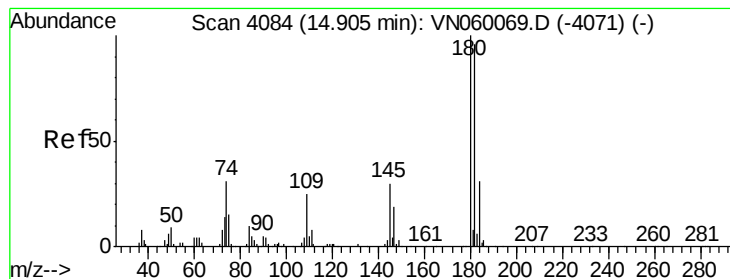
Delta R.T. 0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Tgt Ion:	75	Resp:	38522
Ion	Ratio	Lower	Upper
75	100		
155	79.4	43.0	129.0
157	104.0	54.9	164.5





#93

1,2,4-Trichlorobenzene

Concen: 52.342 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

ClientSampled :

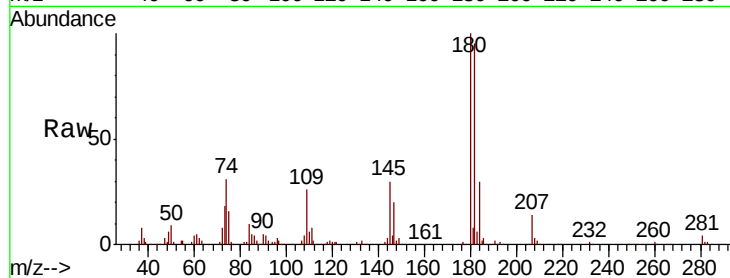
Tot Ion:180 Resp: 153228

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.8

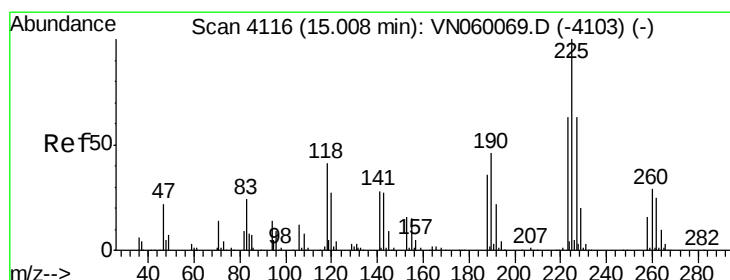
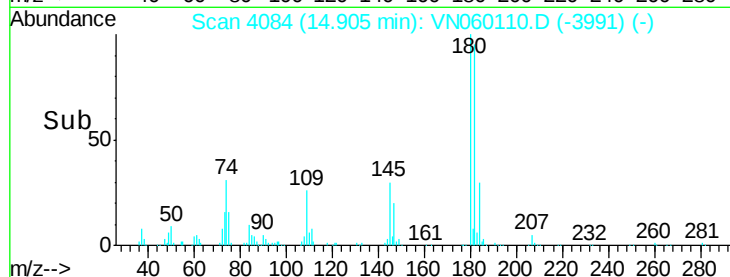
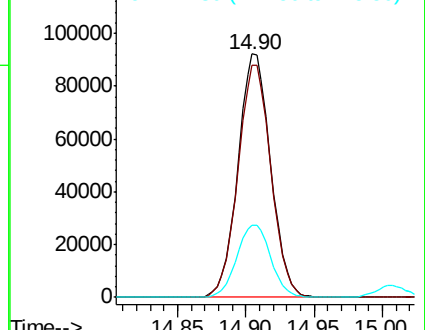
145 30.9 15.2 45.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 46.870 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

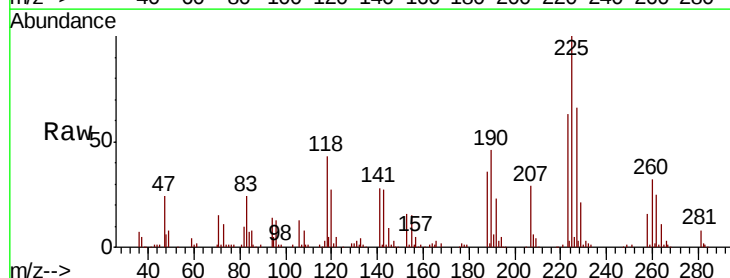
Tgt Ion:225 Resp: 80325

Ion Ratio Lower Upper

225 100

223 62.8 31.5 94.5

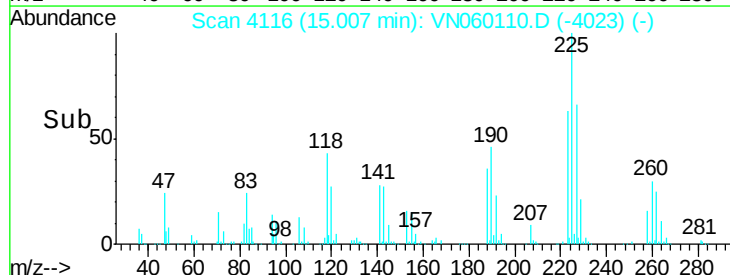
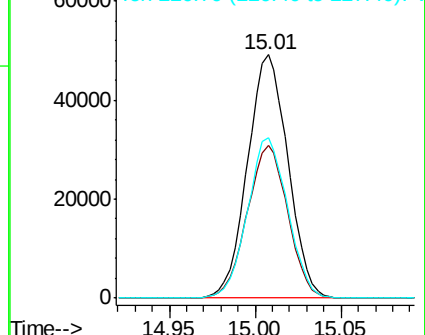
227 65.2 31.8 95.4

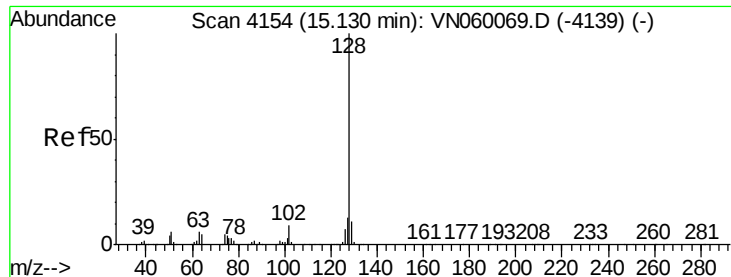


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.251 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

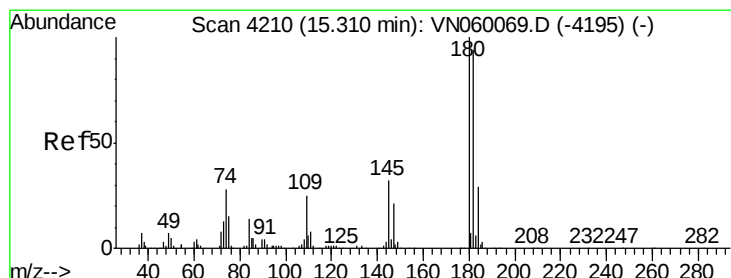
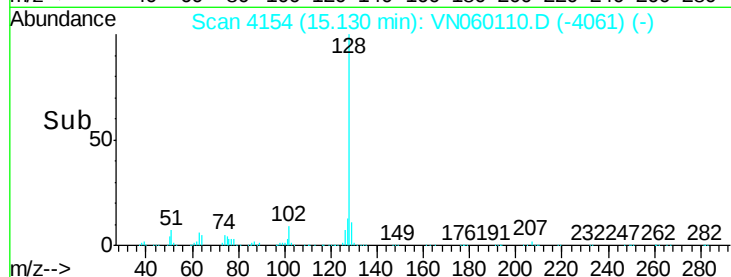
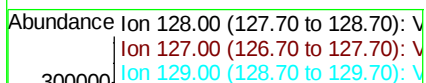
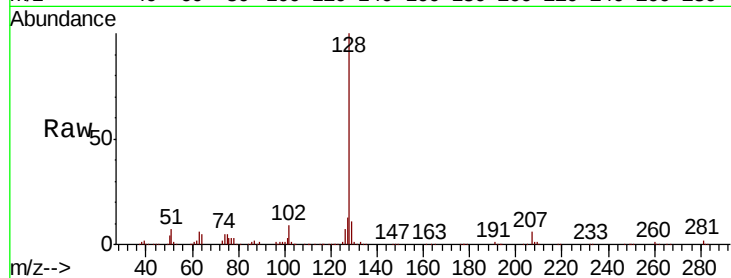
Tot Ion:128 Resp: 429006

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.465 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN060110.D

Acq: 17 Feb 2020 11:27

Tgt Ion:180 Resp: 147118

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 31.9 16.1 48.3

