

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060130.D
 Acq On : 17 Feb 2020 19:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 18 02:09:12 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	186894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	307837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150368	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	126490	55.62	ug/l	0.00
Spiked Amount						
			Recovery	=	111.24%	
35) Dibromofluoromethane	7.57	113	97397	51.47	ug/l	0.00
Spiked Amount						
			Recovery	=	102.94%	
50) Toluene-d8	10.08	98	384820	51.64	ug/l	0.00
Spiked Amount						
			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	146129	53.37	ug/l	0.00
Spiked Amount						
			Recovery	=	106.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	94948	50.826	ug/l	99
3) Chloromethane	2.04	50	118924	53.494	ug/l	98
4) Vinyl Chloride	2.17	62	133736	52.777	ug/l	98
5) Bromomethane	2.54	94	76400	49.170	ug/l	97
6) Chloroethane	2.68	64	66149	51.611	ug/l	99
7) Trichlorofluoromethane	3.00	101	160863	49.238	ug/l	100
8) Diethyl Ether	3.38	74	58042	53.370	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	90046	49.643	ug/l	97
10) Methyl Iodide	3.93	142	124689	51.093	ug/l	99
11) Tert butyl alcohol	4.73	59	101075	297.000	ug/l	100
12) 1,1-Dichloroethene	3.72	96	89643	50.731	ug/l	98
13) Acrolein	3.58	56	77069	229.109	ug/l	97
14) Allyl chloride	4.30	41	139235	53.536	ug/l	96
15) Acrylonitrile	4.94	53	247423	297.703	ug/l	99
16) Acetone	3.78	43	246148	248.136	ug/l	99
17) Carbon Disulfide	4.03	76	262843	49.350	ug/l	98
18) Methyl Acetate	4.29	43	112772	60.518	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	309895	52.150	ug/l	100
20) Methylene Chloride	4.52	84	103129	52.109	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	97540	50.639	ug/l	97
22) Diisopropyl ether	5.91	45	316453	55.520	ug/l	98
23) Vinyl Acetate	5.86	43	1376025	287.478	ug/l	97
24) 1,1-Dichloroethane	5.82	63	183458	53.132	ug/l	99
25) 2-Butanone	6.80	43	354153	283.868	ug/l	97
26) 2,2-Dichloropropane	6.80	77	155188	47.319	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	113121	50.182	ug/l	97
28) Bromochloromethane	7.17	49	77311	56.953	ug/l	92
29) Tetrahydrofuran	7.18	42	228047	297.954	ug/l	96
30) Chloroform	7.35	83	184684	51.060	ug/l	100
31) Cyclohexane	7.63	56	166588	51.792	ug/l	94
32) 1,1,1-Trichloroethane	7.54	97	168179	50.881	ug/l	99
36) 1,1-Dichloropropene	7.77	75	139573	48.951	ug/l	99
37) Ethyl Acetate	6.90	43	143230	55.582	ug/l	99
38) Carbon Tetrachloride	7.75	117	146945	47.453	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	171995	48.594	ug/l	97
40) Benzene	8.02	78	413140	48.846	ug/l	99
41) Methacrylonitrile	7.18	41	208811	193.220	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	148459	50.080	ug/l	98
43) Isopropyl Acetate	8.14	43	245006	55.619	ug/l	97
44) Trichloroethene	8.82	130	107381	45.850	ug/l	96
45) 1,2-Dichloropropane	9.10	63	109648	52.363	ug/l	99
46) Dibromomethane	9.19	93	73375	49.585	ug/l	97
47) Bromodichloromethane	9.39	83	150494	50.023	ug/l	98
48) Methyl methacrylate	9.18	41	109876	55.594	ug/l	95
49) 1,4-Dioxane	9.18	88	39720	1176.237	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	739707	290.113	ug/l	98
52) Toluene	10.14	92	265922	49.028	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	173718	51.156	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	178816	50.006	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	104017	49.158	ug/l	98
56) Ethyl methacrylate	10.42	69	161736	54.032	ug/l	97
57) 1,3-Dichloropropane	10.70	76	173832	49.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	390080	279.727	ug/l	97
59) 2-Hexanone	10.74	43	556756	282.676	ug/l	98
60) Dibromochloromethane	10.89	129	118263	48.704	ug/l	98
61) 1,2-Dibromoethane	10.99	107	110687	49.900	ug/l	99
64) Tetrachloroethene	10.62	164	93797	42.278	ug/l	98
65) Chlorobenzene	11.43	112	281193	47.292	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	107640	47.855	ug/l	99
67) Ethyl Benzene	11.50	91	518718	48.371	ug/l	99
68) m/p-Xylenes	11.62	106	390586	97.045	ug/l	99
69) o-Xylene	11.94	106	187841	48.472	ug/l	99
70) Styrene	11.96	104	315740	50.526	ug/l	99
71) Bromoform	12.12	173	91295	50.464	ug/l #	97
73) Isopropylbenzene	12.24	105	512671	45.657	ug/l	100
74) N-amyl acetate	12.06	43	224586	55.467	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	162320	50.223	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	215946	75.063	ug/l #	100
77) Bromobenzene	12.52	156	125600	45.073	ug/l	95
78) n-propylbenzene	12.59	91	598592	46.790	ug/l	99
79) 2-Chlorotoluene	12.67	91	350648	46.632	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	435651	46.663	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	59919	50.997	ug/l	99
82) 4-Chlorotoluene	12.77	91	358648	46.489	ug/l	99
83) tert-Butylbenzene	12.99	119	372214	45.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	430241	46.684	ug/l	100
85) sec-Butylbenzene	13.17	105	506008	46.262	ug/l	99
86) p-Isopropyltoluene	13.28	119	456198	46.034	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	225900	45.797	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	225774	45.780	ug/l	99
89) n-Butylbenzene	13.61	91	412434	47.317	ug/l	99
90) Hexachloroethane	13.87	117	84811	45.810	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	217681	45.094	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	35304	51.394	ug/l	95

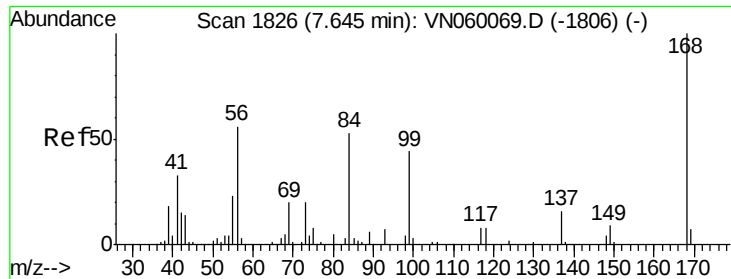
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	137384	48.436	ug/l	98
94) Hexachlorobutadiene	15.01	225	71008	42.763	ug/l	99
95) Naphthalene	15.13	128	379657	49.551	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	130509	46.204	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

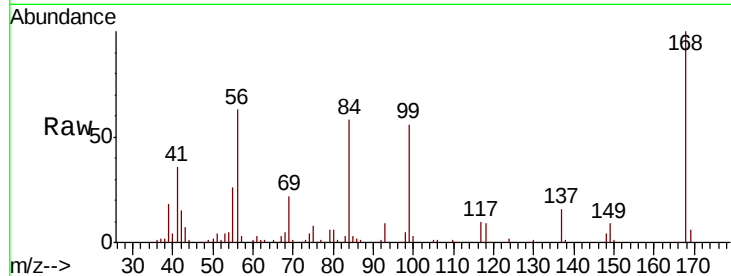
ClientSampled :

Tot Ion:168 Resp: 186894

Ion Ratio Lower Upper

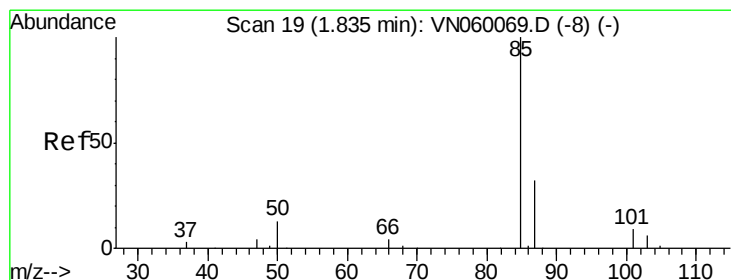
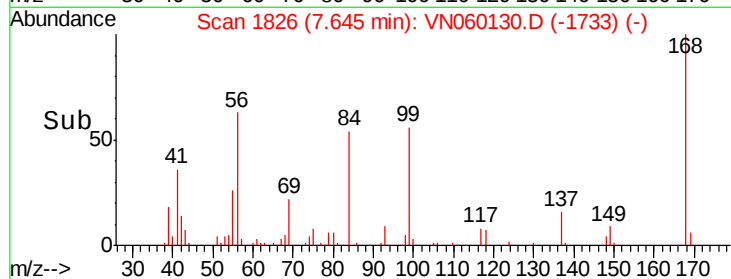
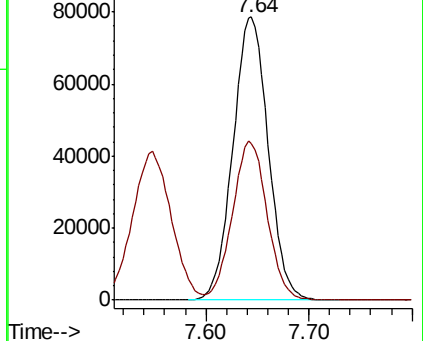
168 100

99 55.6 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 50.826 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060130.D

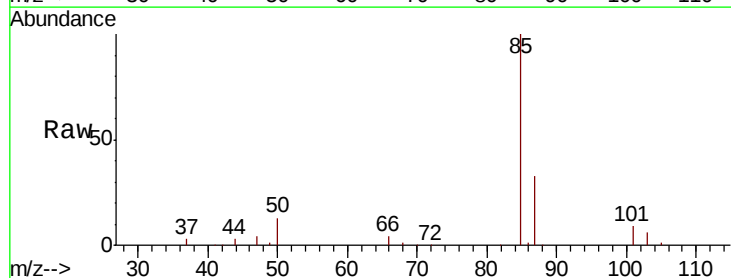
Acq: 17 Feb 2020 19:16

Tgt Ion: 85 Resp: 94948

Ion Ratio Lower Upper

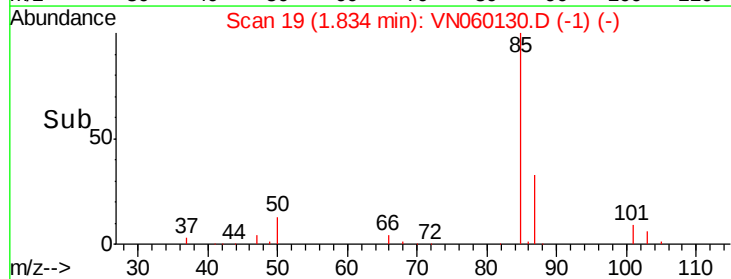
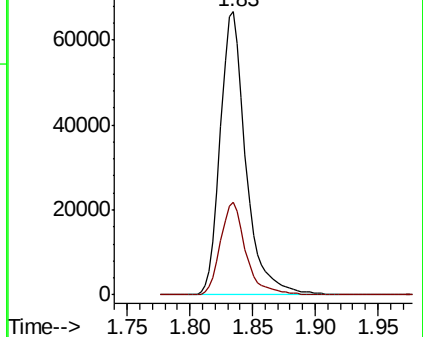
85 100

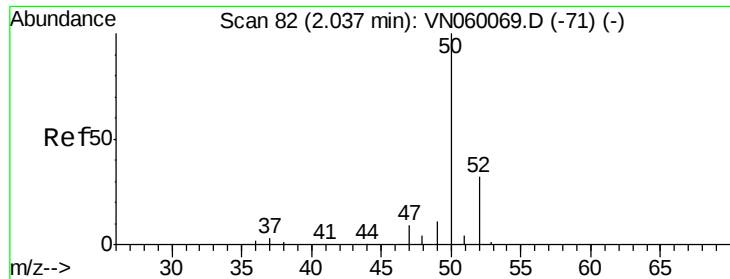
87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 53.494 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

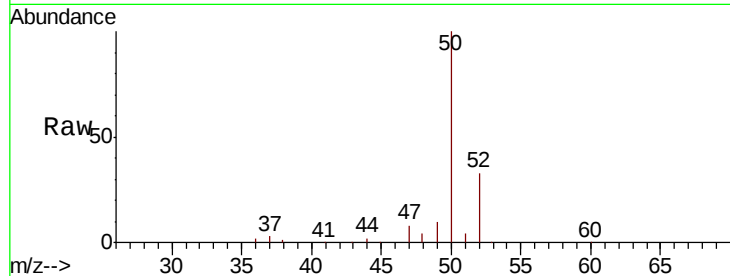
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 118924

Ion Ratio Lower Upper

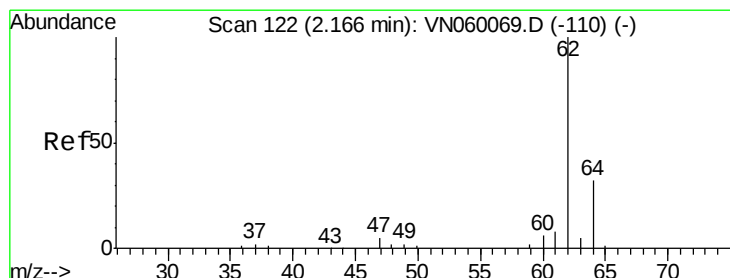
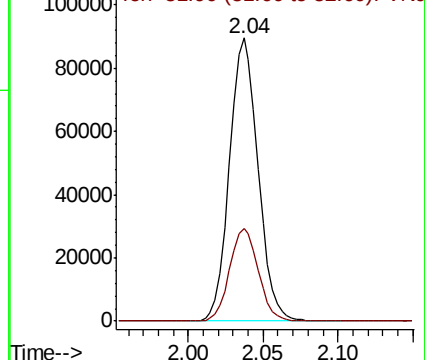
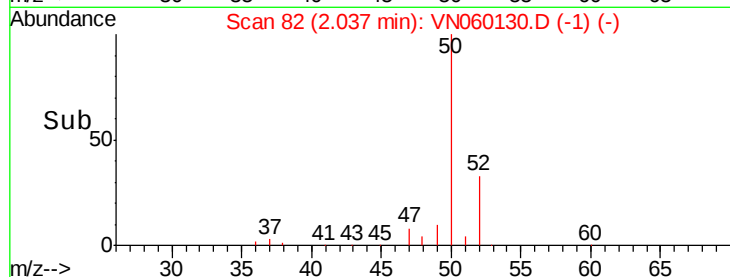
50 100

52 32.9 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN060130.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN060130.D (-1) (-)



#4

Vinyl Chloride

Concen: 52.777 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN060130.D

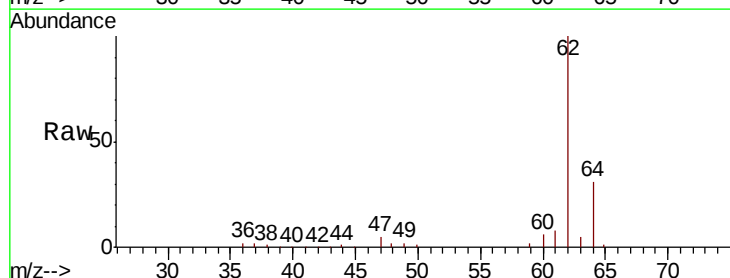
Acq: 17 Feb 2020 19:16

Tgt Ion: 62 Resp: 133736

Ion Ratio Lower Upper

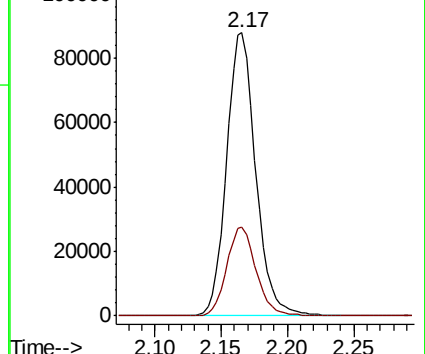
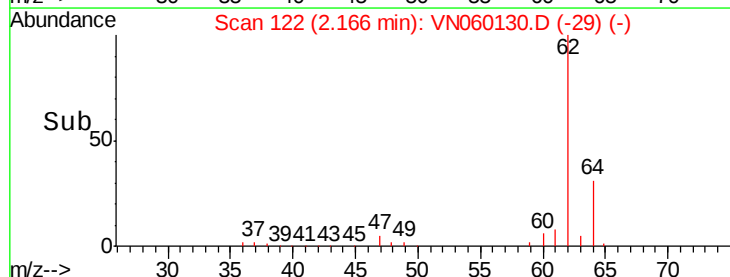
62 100

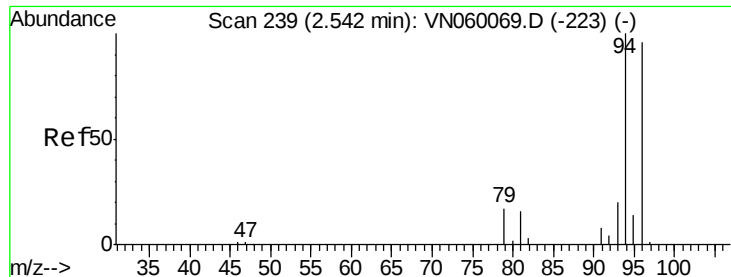
64 31.2 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN060130.D (-29) (-)

Ion 63.90 (63.60 to 64.60): VN060130.D (-29) (-)





#5

Bromomethane

Concen: 49.170 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

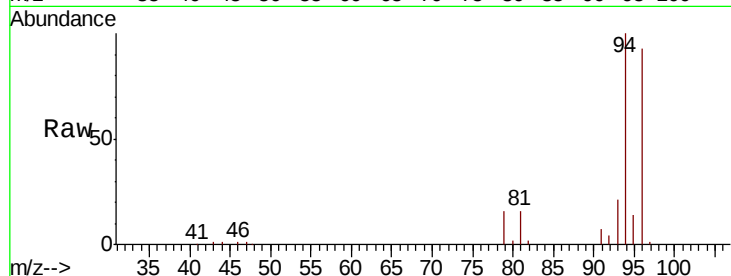
ClientSampleId :

Tot Ion: 94 Resp: 76400

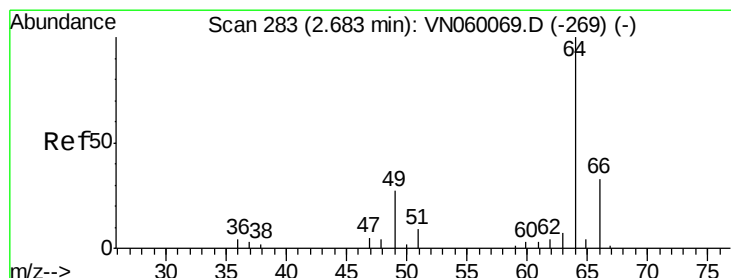
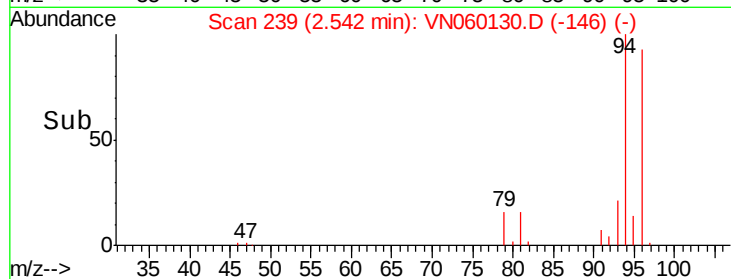
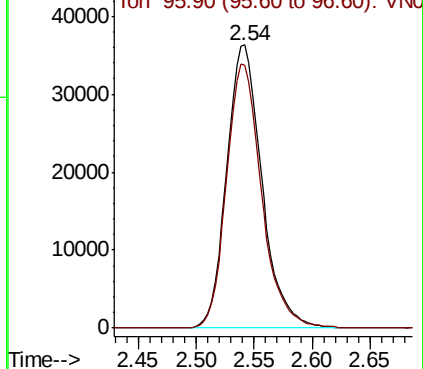
Ion Ratio Lower Upper

94 100

96 93.0 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN060130.D (-146) (-)



#6

Chloroethane

Concen: 51.611 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060130.D

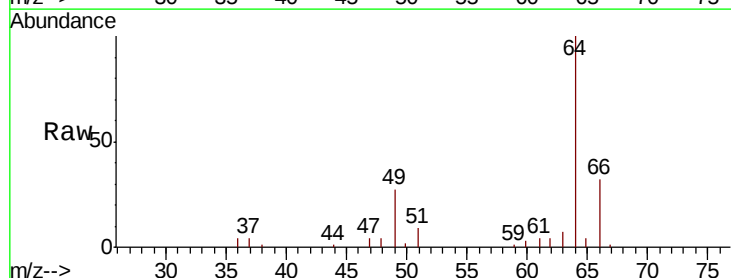
Acq: 17 Feb 2020 19:16

Tgt Ion: 64 Resp: 66149

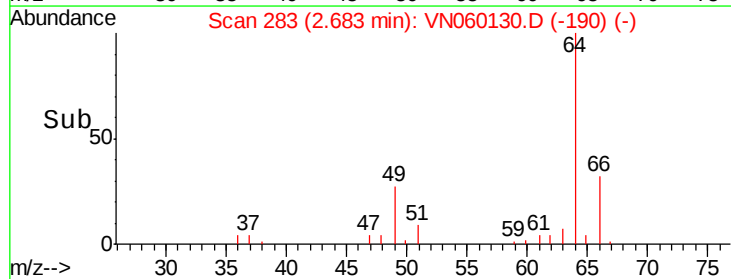
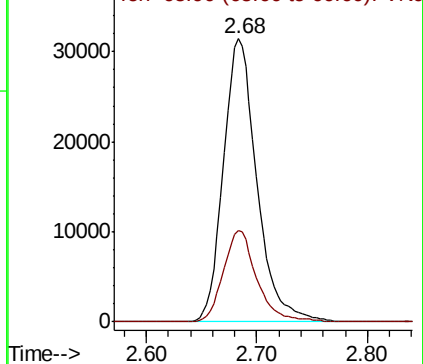
Ion Ratio Lower Upper

64 100

66 32.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN060130.D (-190) (-)



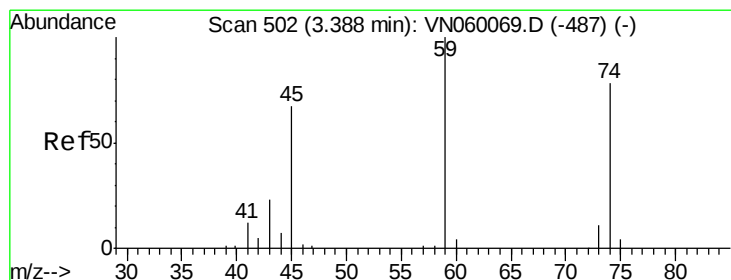
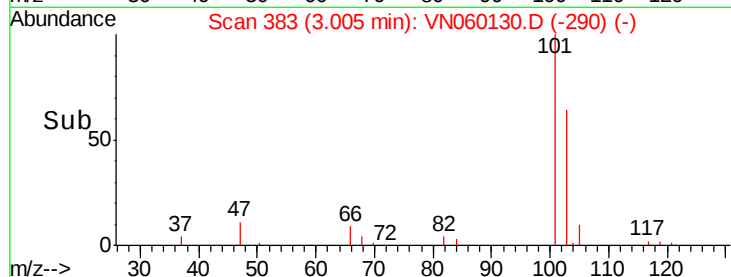
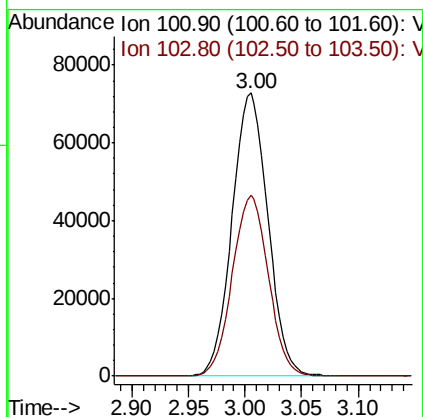
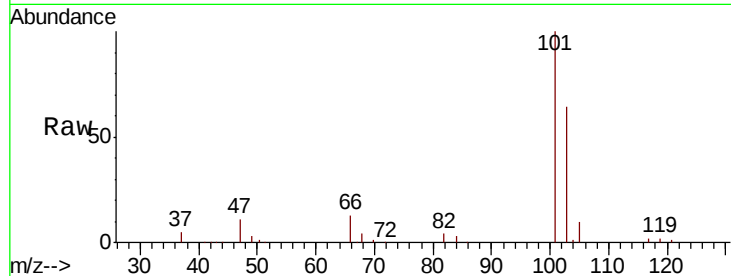


#7

Trichlorofluoromethane
 Concen: 49.238 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Instrument :
 MSVOA_N
 ClientSampleId :

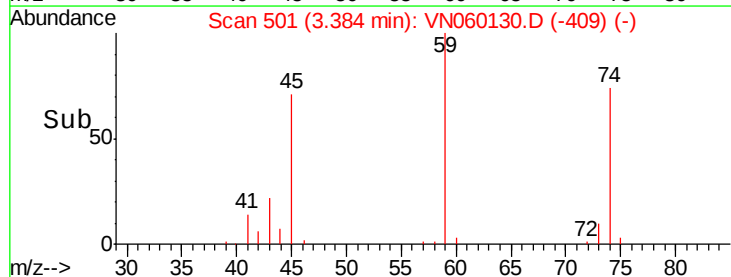
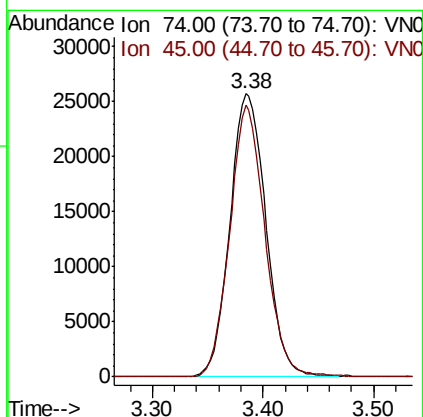
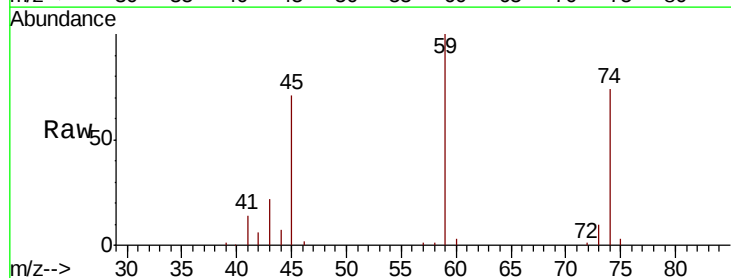
Tot Ion:101 Resp: 160863
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.0 76.6



#8

Diethyl Ether
 Concen: 53.370 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Tgt Ion: 74 Resp: 58042
 Ion Ratio Lower Upper
 74 100
 45 94.0 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.643 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

ClientSampled :

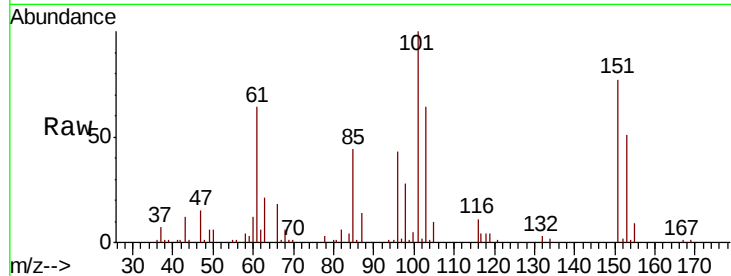
Tot Ion:101 Resp: 90046

Ion Ratio Lower Upper

101 100

85 44.7 35.1 52.7

151 78.9 65.8 98.6

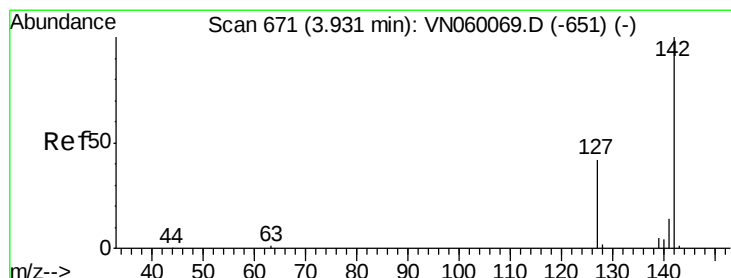
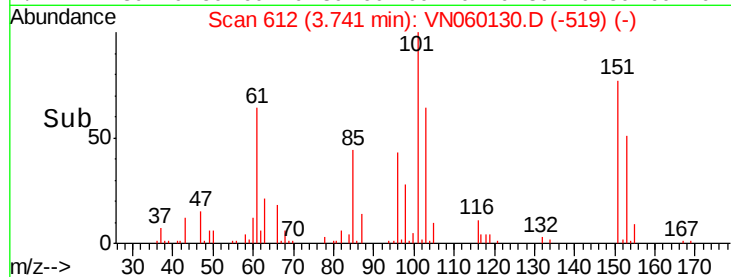
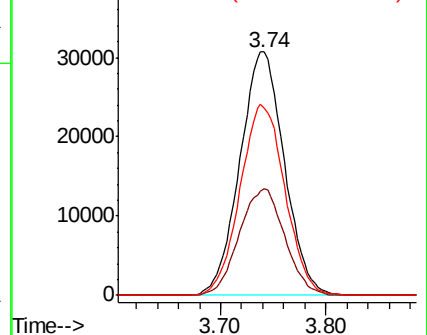


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.093 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

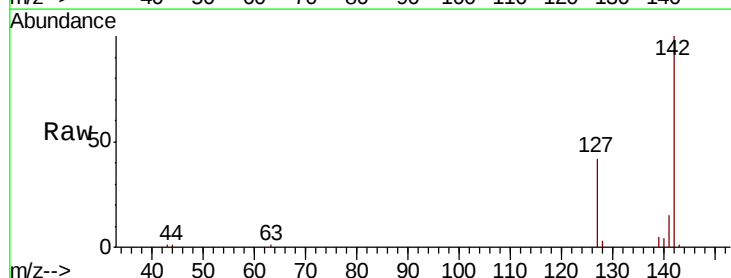
Tgt Ion:142 Resp: 124689

Ion Ratio Lower Upper

142 100

127 43.0 33.6 50.4

141 14.1 11.4 17.2

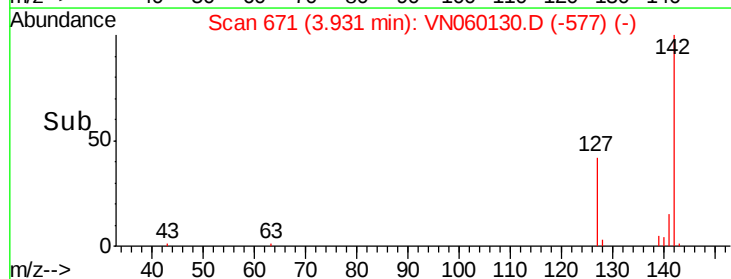
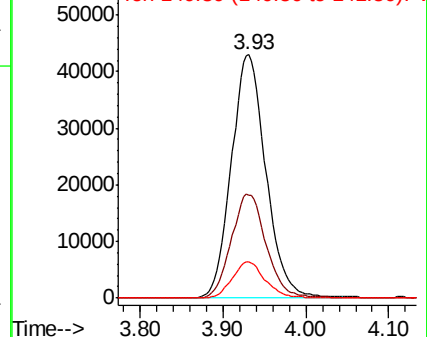


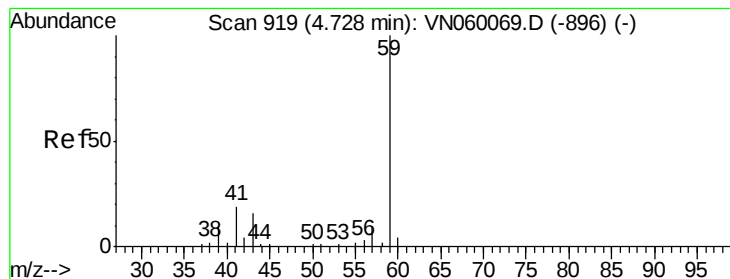
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



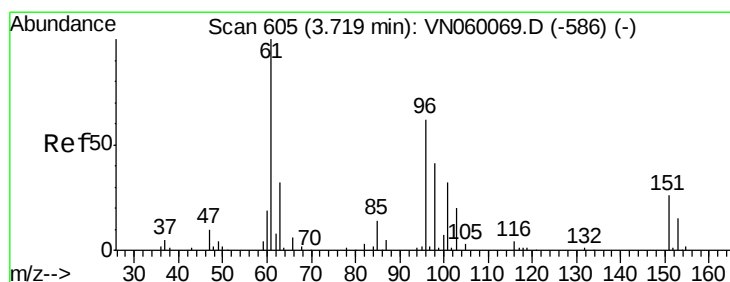
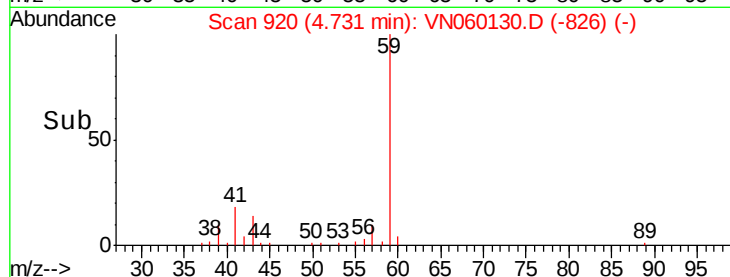
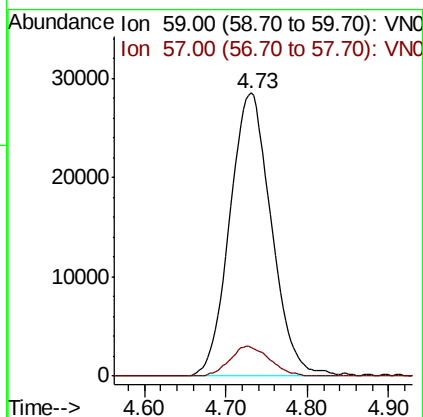
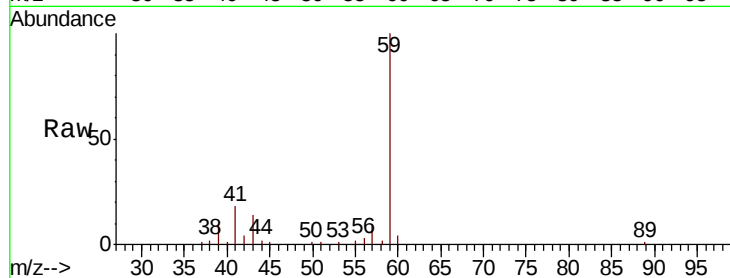


#11

Tert butyl alcohol
 Concen: 297.000 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Instrument :
 MSVOA_N
 ClientSampleId :

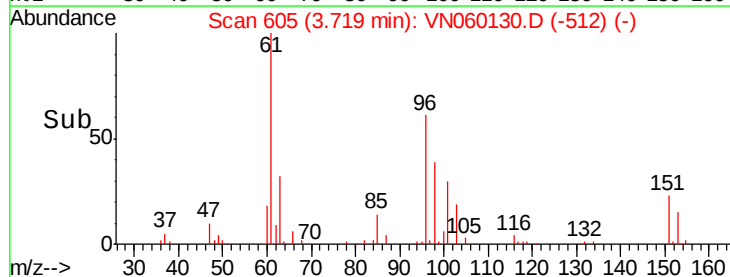
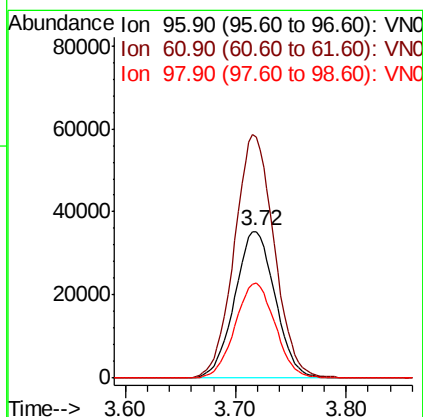
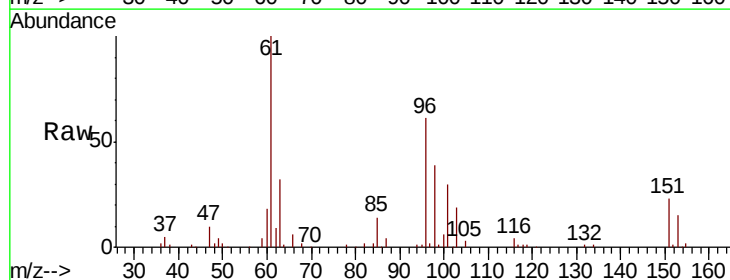
Tot Ion: 59 Resp: 101075
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

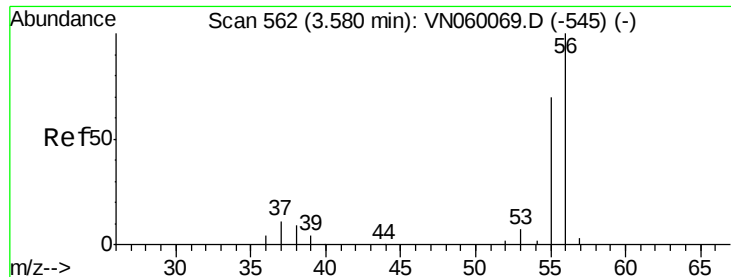


#12

1,1-Dichloroethene
 Concen: 50.731 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Tgt Ion: 96 Resp: 89643
 Ion Ratio Lower Upper
 96 100
 61 164.0 128.3 192.5
 98 64.7 52.2 78.4





#13

Acrolein

Concen: 229.109 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

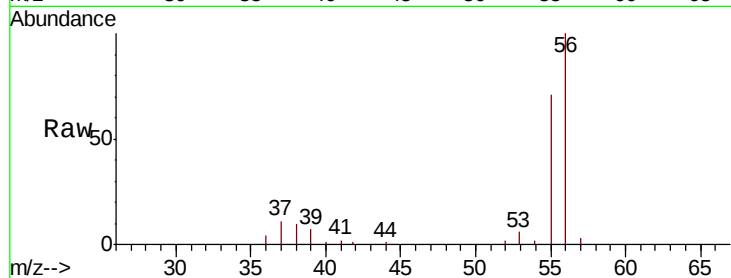
ClientSampleId :

Tot Ion: 56 Resp: 77069

Ion Ratio Lower Upper

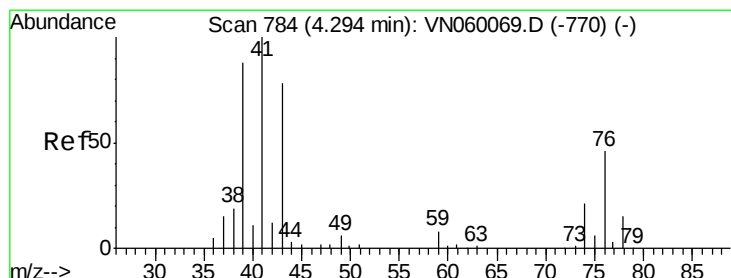
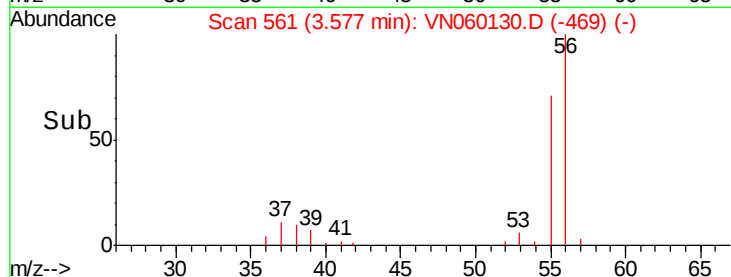
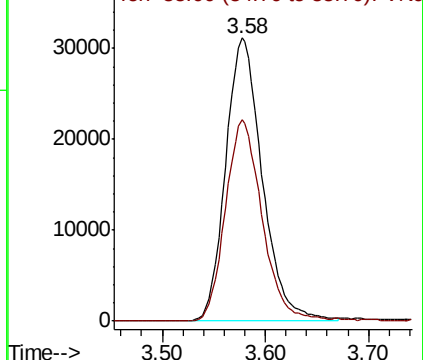
56 100

55 70.9 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 53.536 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

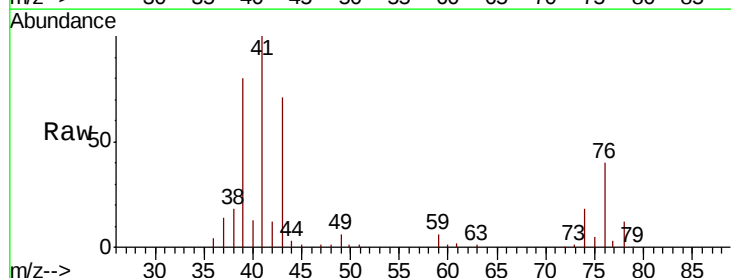
Tgt Ion: 41 Resp: 139235

Ion Ratio Lower Upper

41 100

39 81.7 67.8 101.8

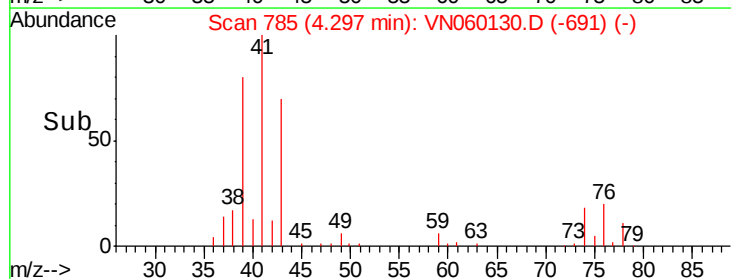
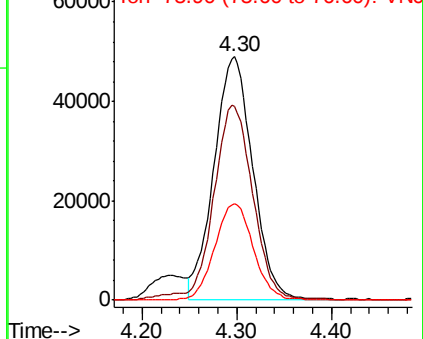
76 39.5 33.9 50.9

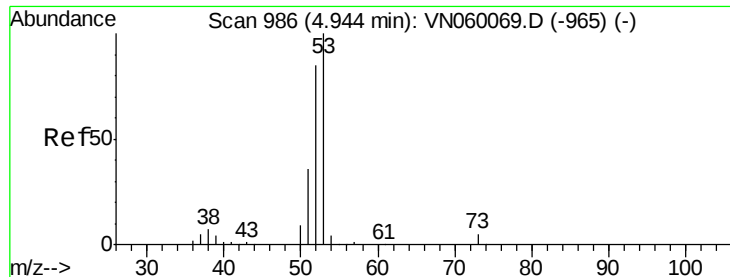


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 297.703 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

ClientSampleId :

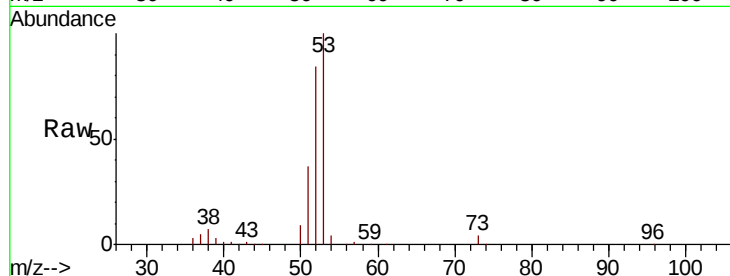
Tot Ion: 53 Resp: 247423

Ion Ratio Lower Upper

53 100

52 82.4 66.8 100.2

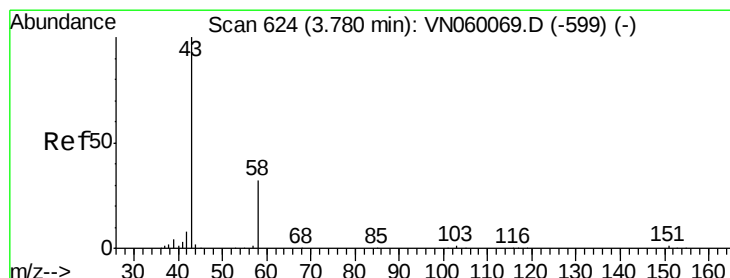
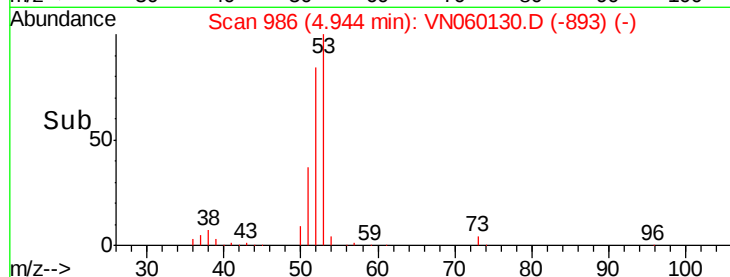
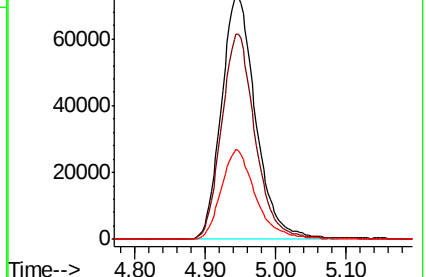
51 36.9 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060130.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN060130.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN060130.D (-965) (-)



#16

Acetone

Concen: 248.136 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060130.D

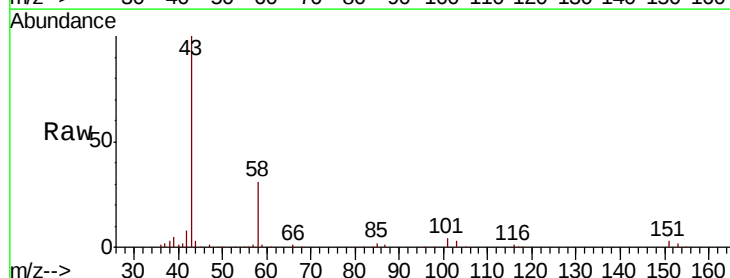
Acq: 17 Feb 2020 19:16

Tgt Ion: 43 Resp: 246148

Ion Ratio Lower Upper

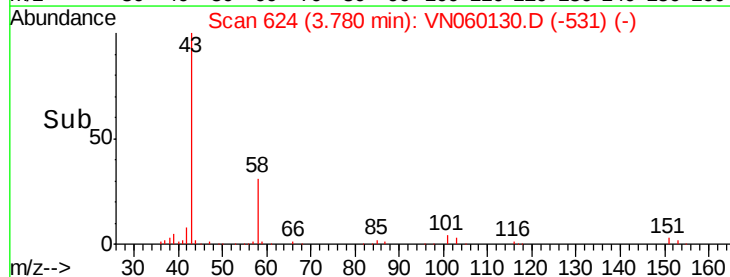
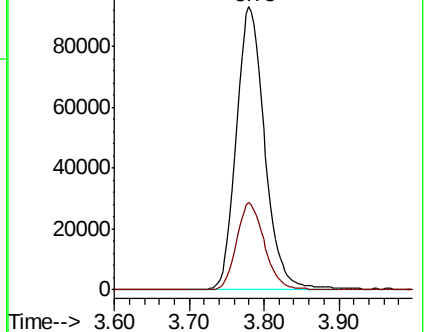
43 100

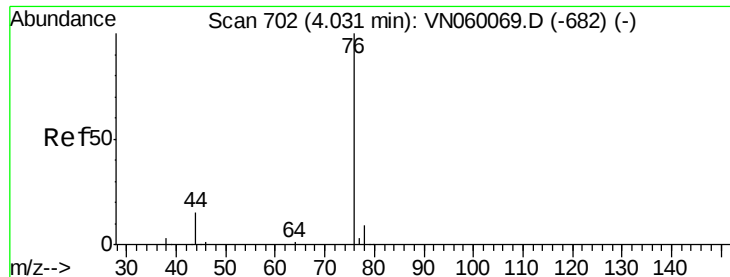
58 30.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060130.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN060130.D (-599) (-)

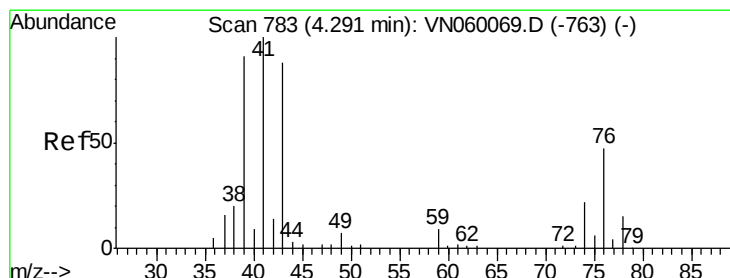
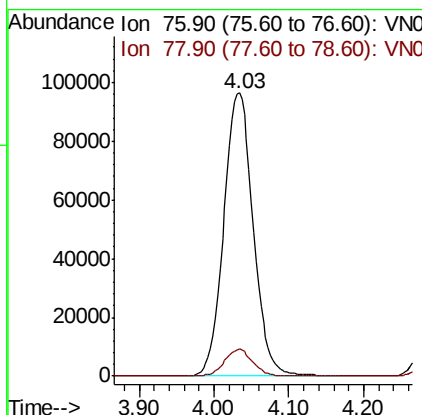
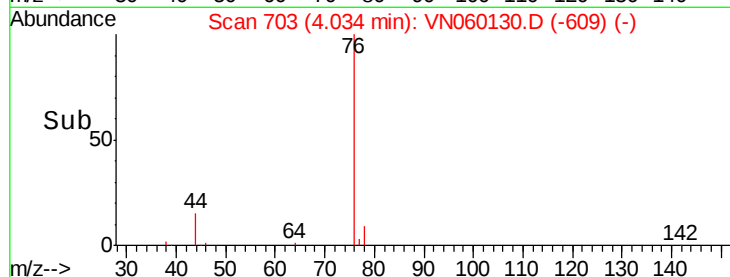
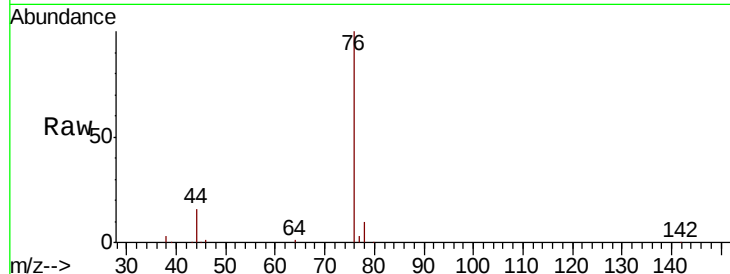




#17
Carbon Disulfide
Concen: 49.350 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

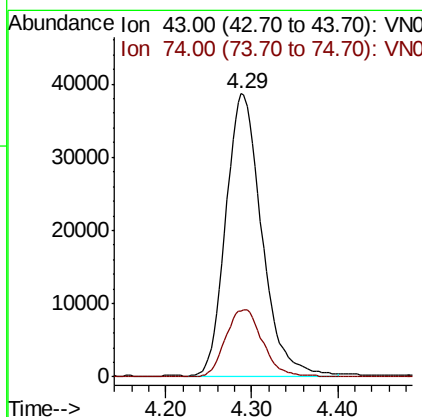
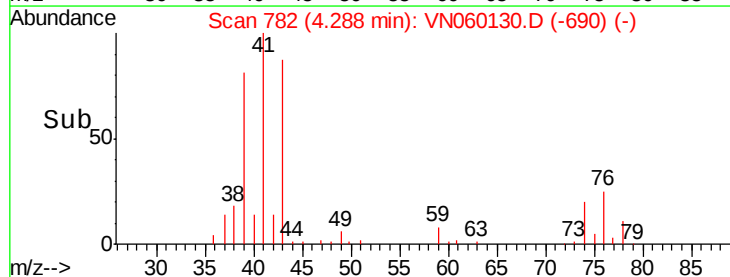
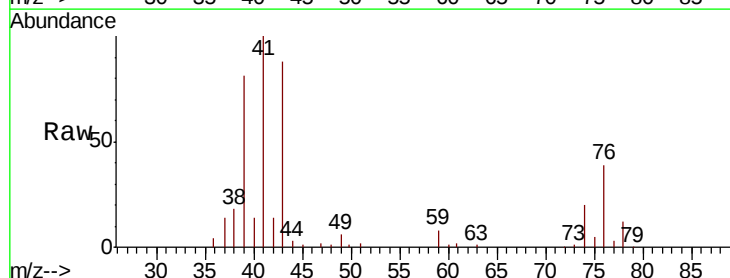
Instrument :
MSVOA_N
ClientSampled :

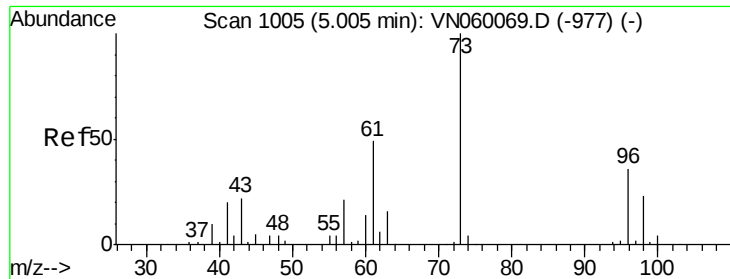
Tot Ion: 76 Resp: 262843
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 60.518 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 43 Resp: 112772
Ion Ratio Lower Upper
43 100
74 24.3 20.3 30.5

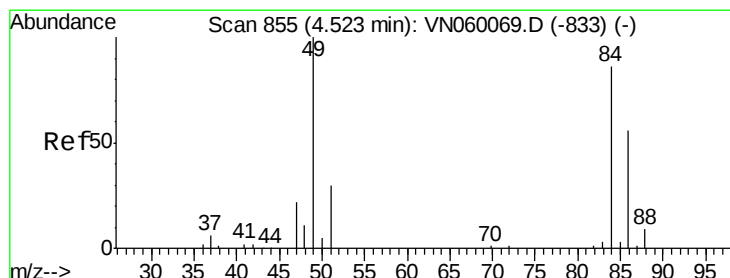
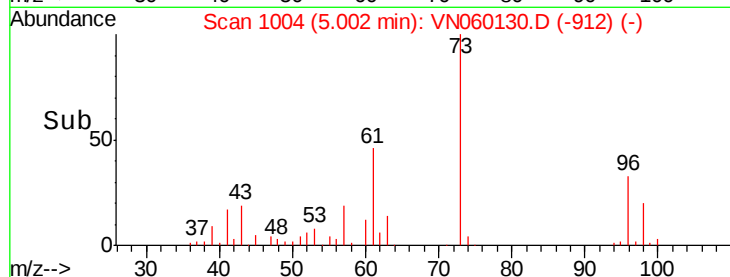
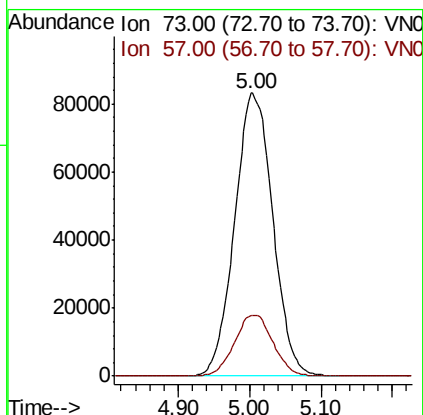
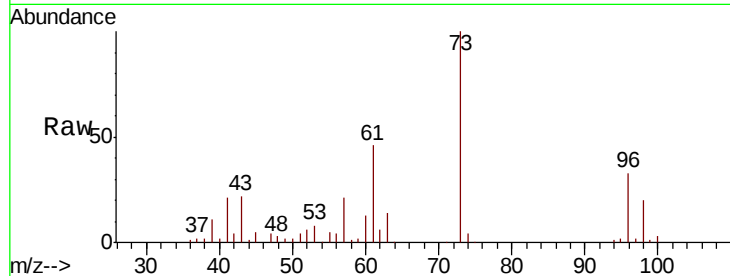




#19
Methvl tert-butvl Ether
Concen: 52.150 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

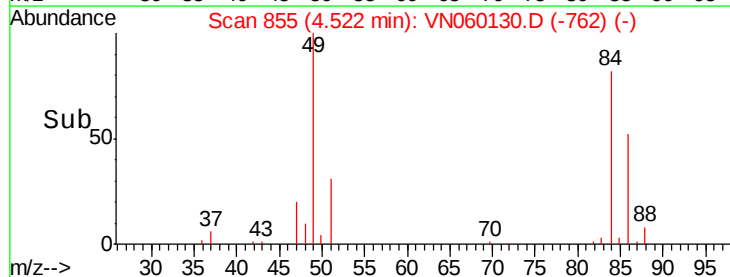
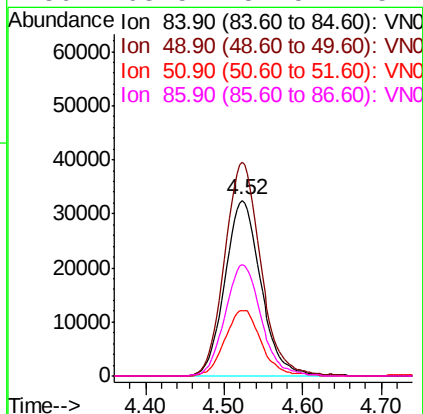
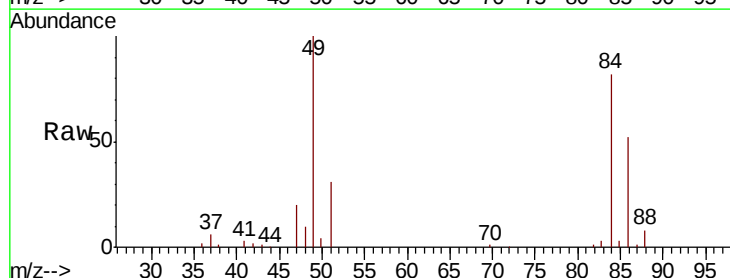
Instrument :
MSVOA_N
ClientSampleId :

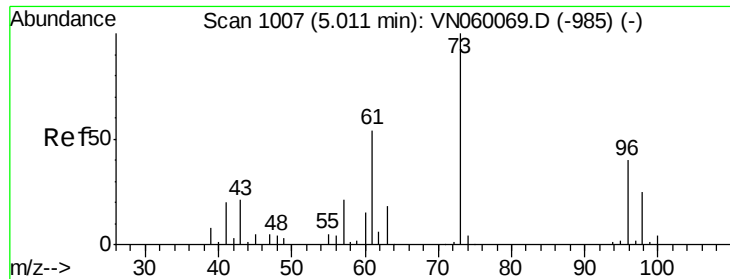
Tot Ion: 73 Resp: 309895
Ion Ratio Lower Upper
73 100
57 21.4 17.2 25.8



#20
Methylene Chloride
Concen: 52.109 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 84 Resp: 103129
Ion Ratio Lower Upper
84 100
49 121.5 93.4 140.0
51 37.3 28.4 42.6
86 63.5 52.5 78.7

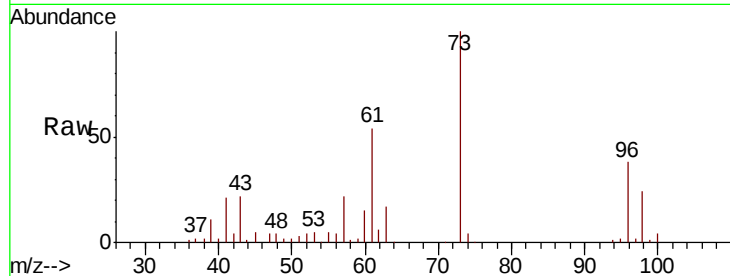




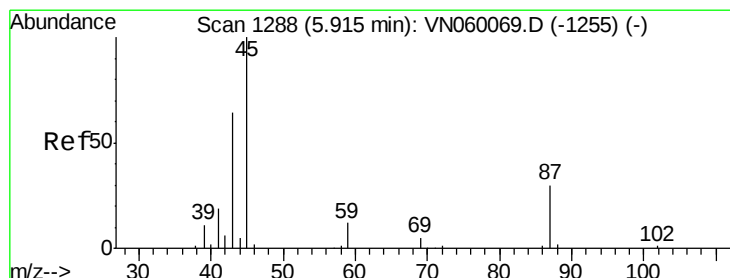
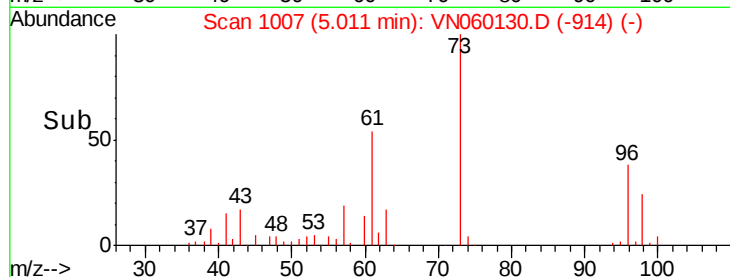
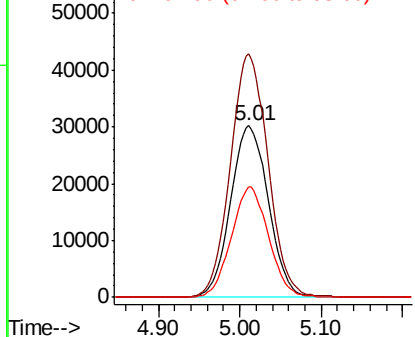
#21
trans-1,2-Dichloroethene
Concen: 50.639 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 97540
Ion Ratio Lower Upper
96 100
61 142.0 109.3 163.9
98 64.4 51.0 76.6

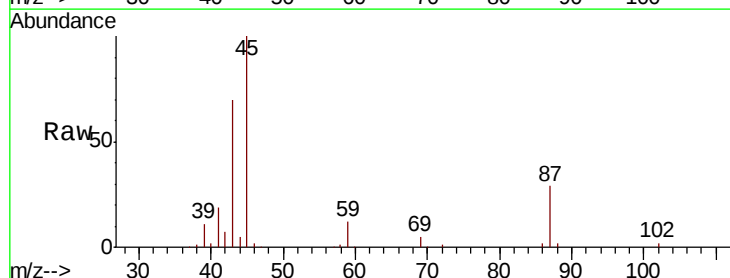


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

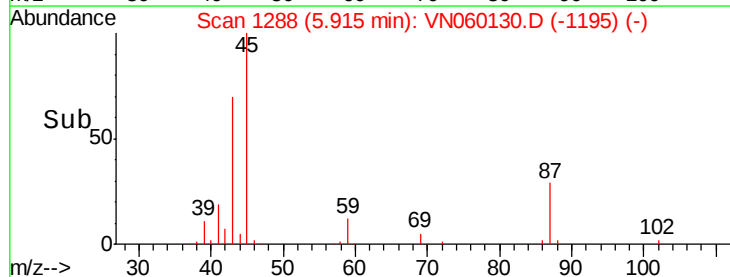
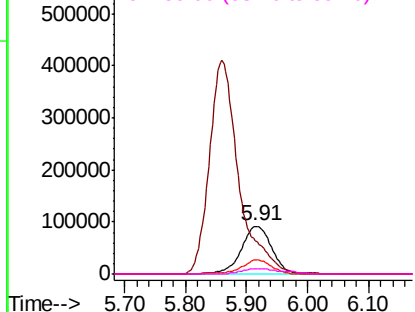


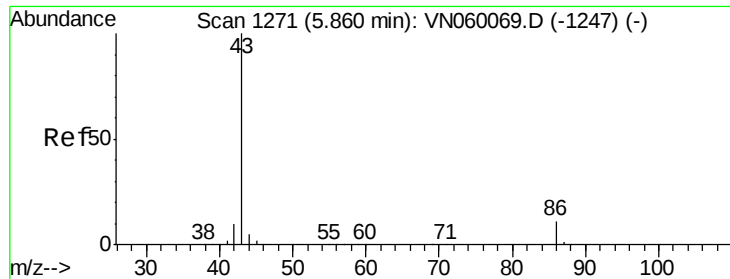
#22
Diisopropyl ether
Concen: 55.520 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 45 Resp: 316453
Ion Ratio Lower Upper
45 100
43 69.3 55.9 83.9
87 28.8 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: 287.478 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

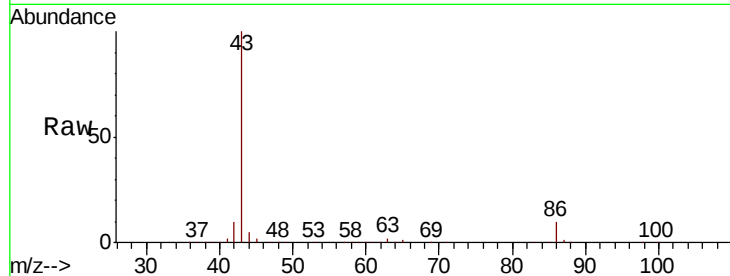
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1376025

Ion Ratio Lower Upper

43 100

86 10.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN060130.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060130.D (-1178) (-)

5.86

400000

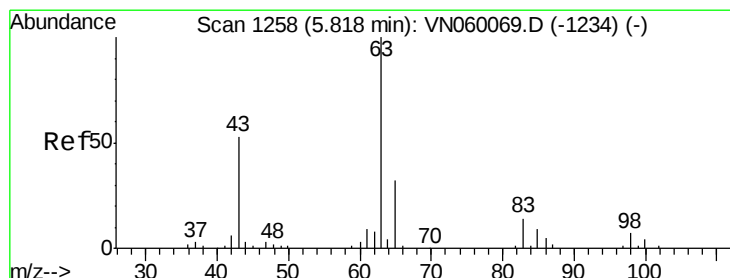
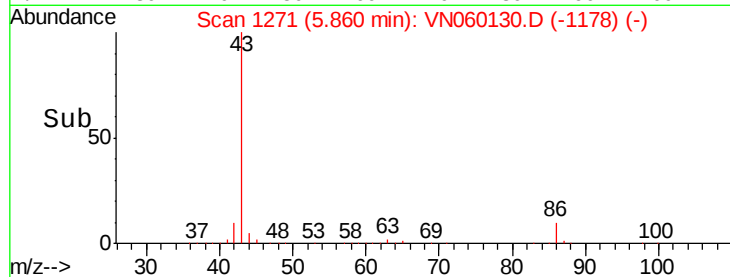
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.132 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

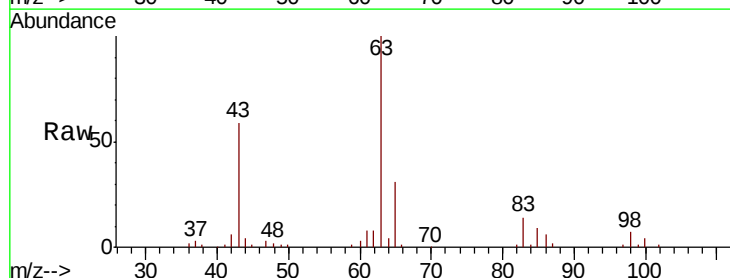
Tgt Ion: 63 Resp: 183458

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.0 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN060130.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060130.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060130.D (-1165) (-)

5.82

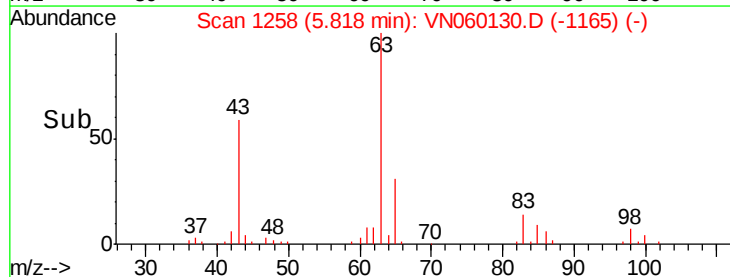
60000

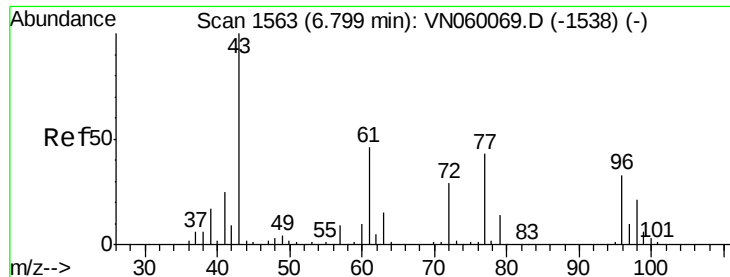
40000

20000

0

Time-->

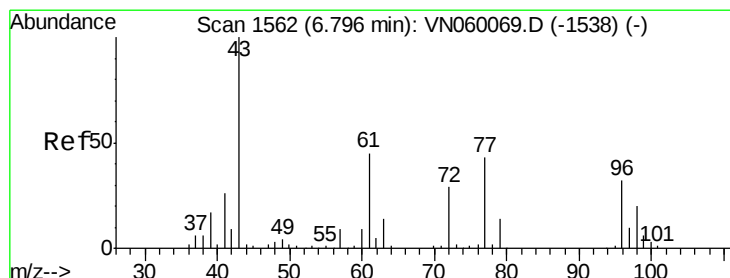
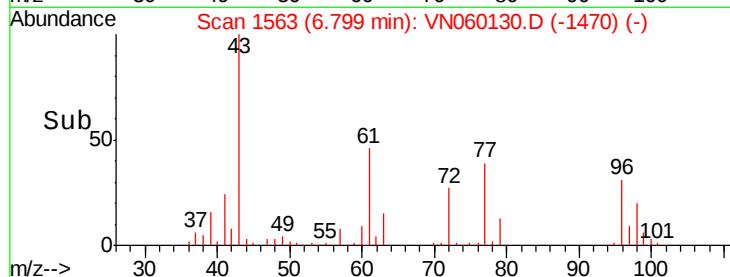
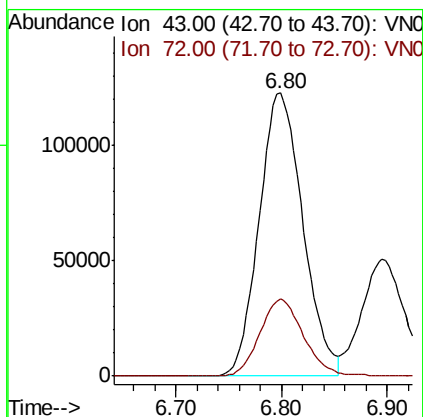
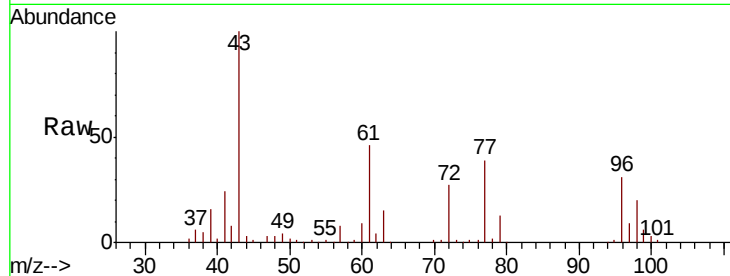




#25
2-Butanone
Concen: 283.868 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

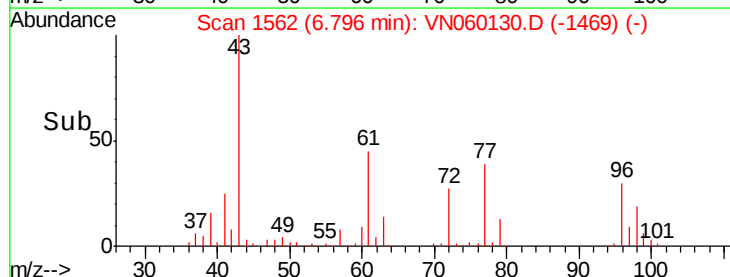
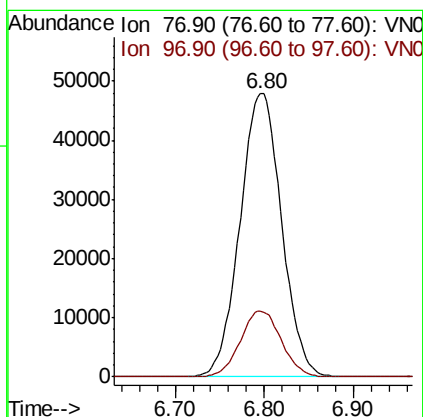
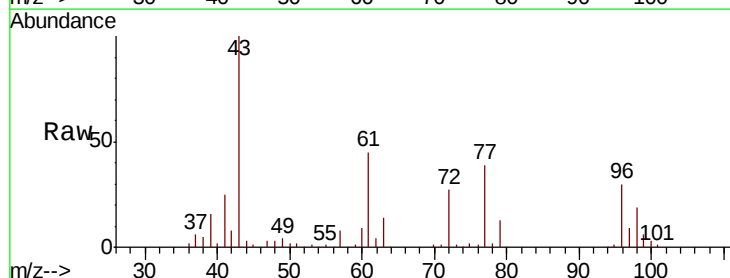
Instrument :
MSVOA_N
ClientSampled :

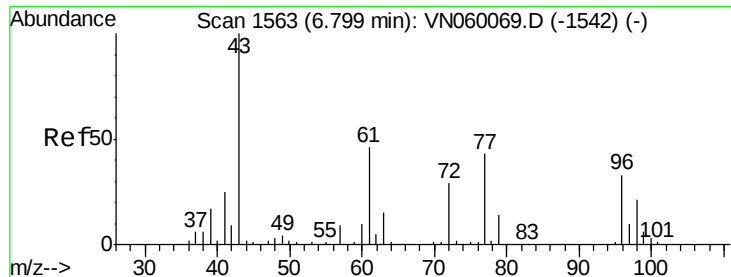
Tot Ion: 43 Resp: 354153
Ion Ratio Lower Upper
43 100
72 27.3 23.3 34.9



#26
2,2-Dichloropropane
Concen: 47.319 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 77 Resp: 155188
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 50.182 ug/l

RT: 6.80 min Scan# 1564

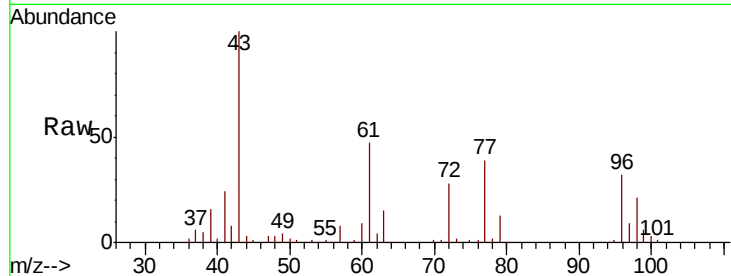
Delta R.T. 0.00 min

Lab File: VN060130.D

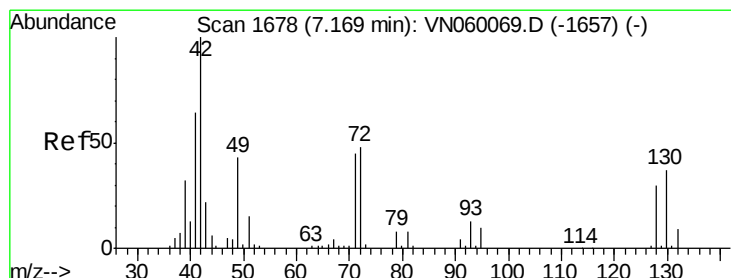
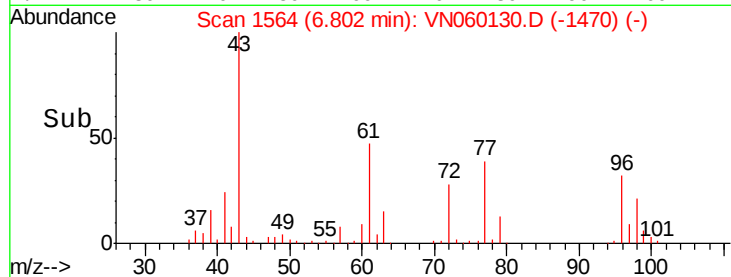
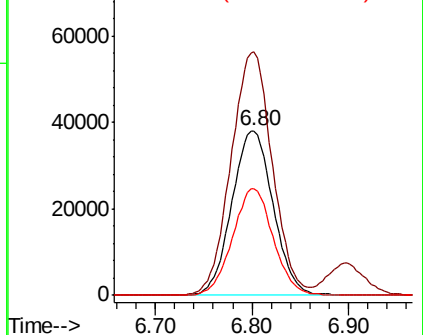
Acq: 17 Feb 2020 19:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	96	Resp:	113121
Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	285.8
98	63.8	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: 56.953 ug/l

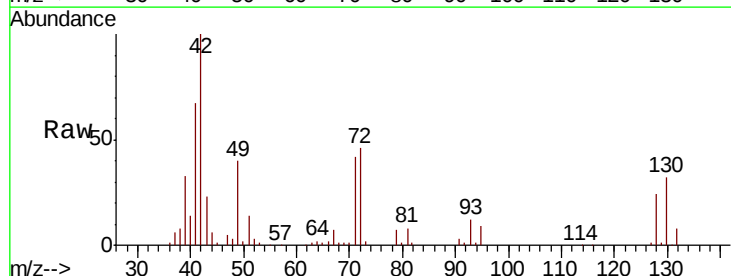
RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

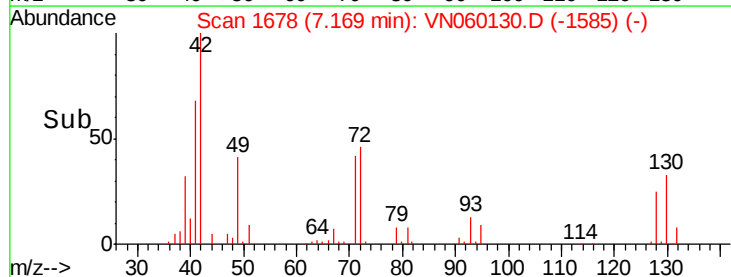
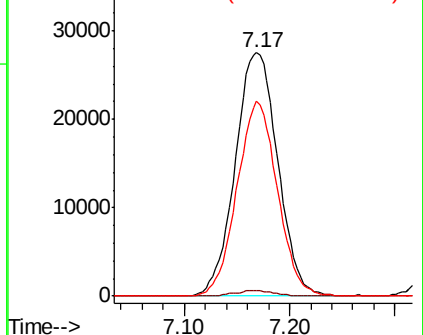
Lab File: VN060130.D

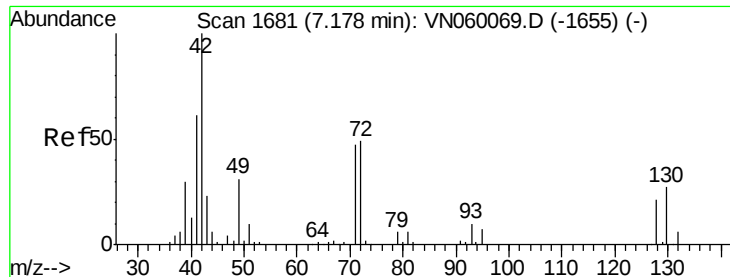
Acq: 17 Feb 2020 19:16

Tgt Ion:	49	Resp:	77311
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	76.0	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

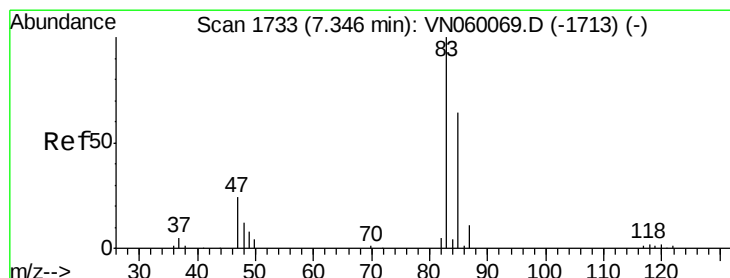
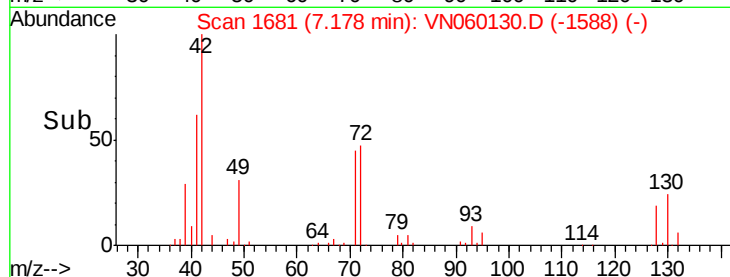
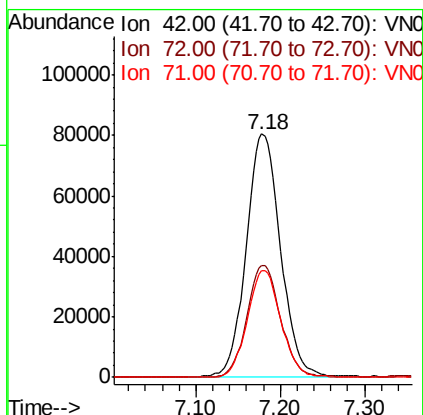
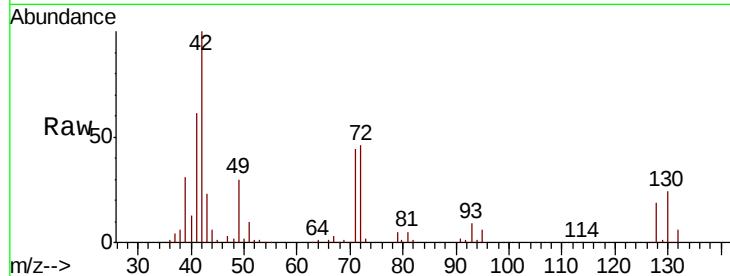




#29
Tetrahydrofuran
Concen: 297.954 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

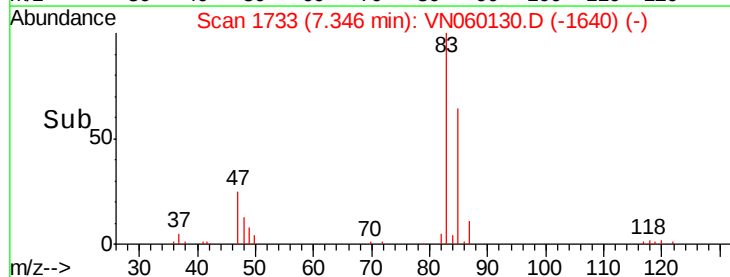
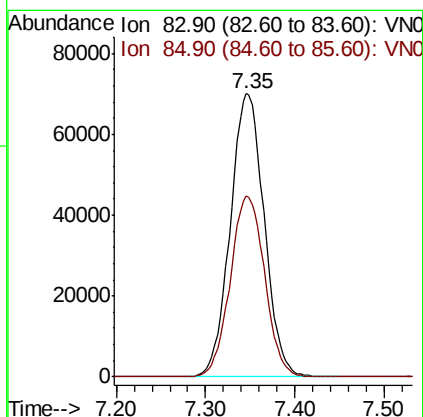
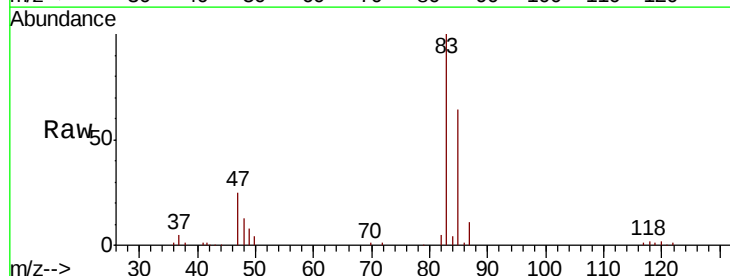
Instrument :
MSVOA_N
ClientSampled :

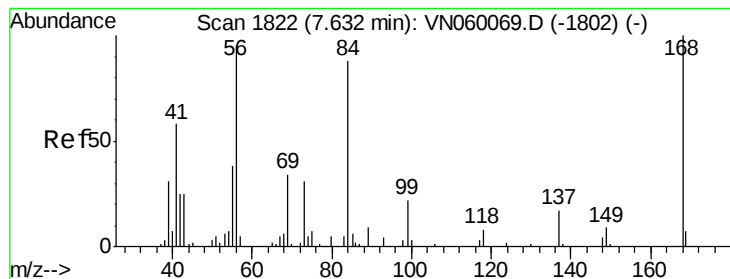
Tot Ion: 42 Resp: 228047
Ion Ratio Lower Upper
42 100
72 45.0 38.2 57.4
71 42.9 36.6 54.8



#30
Chloroform
Concen: 51.060 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 83 Resp: 184684
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.0





#31

Cyclohexane

Concen: 51.792 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

ClientSampleId :

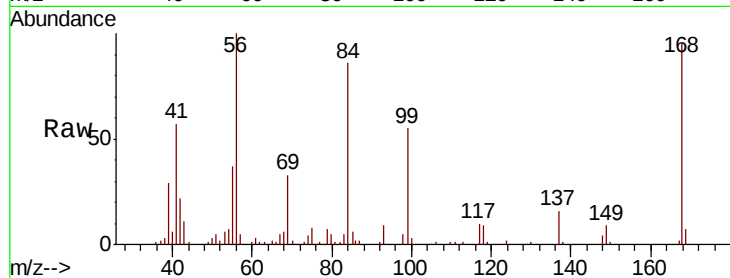
Tot Ion: 56 Resp: 166588

Ion Ratio Lower Upper

56 100

69 32.5 28.3 42.5

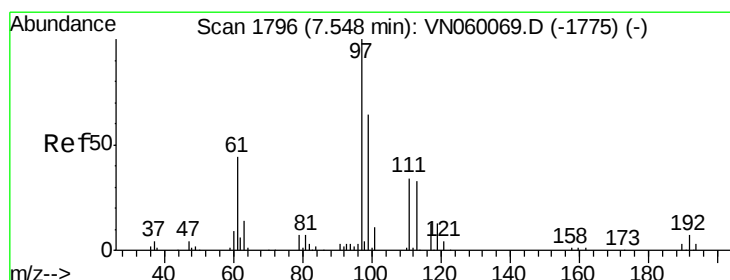
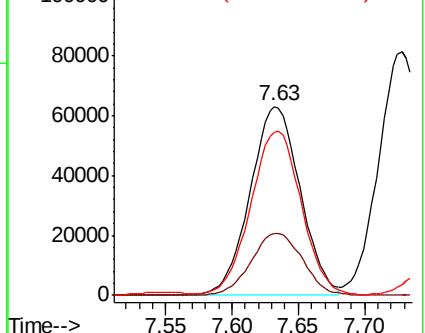
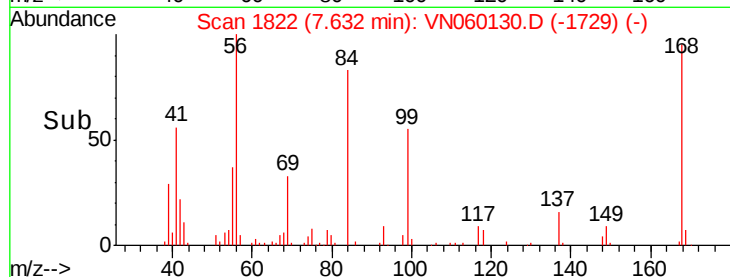
84 85.1 72.6 108.8



Abundance Ion 56.00 (55.70 to 56.70): VN060130.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060130.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060130.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 50.881 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

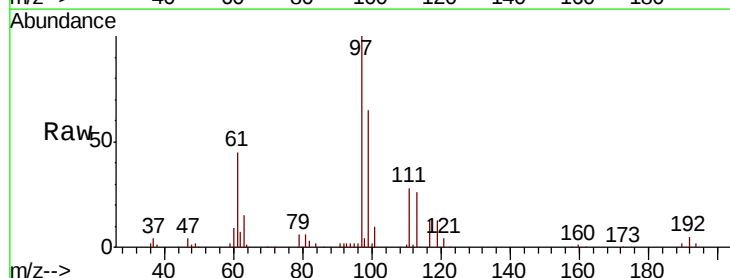
Tgt Ion: 97 Resp: 168179

Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

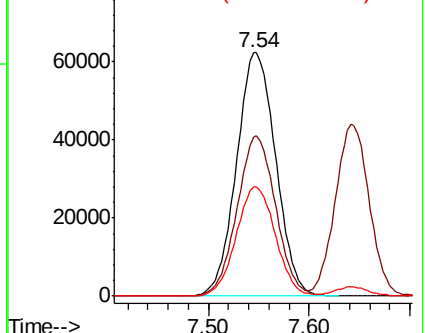
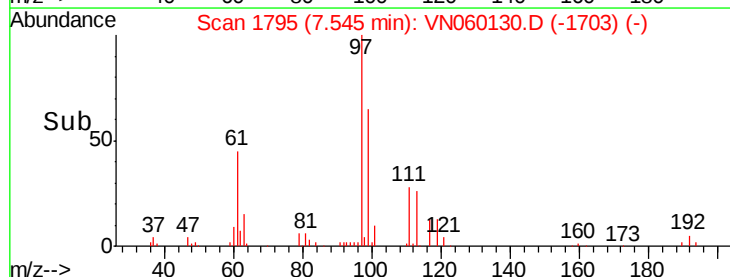
61 45.0 34.9 52.3

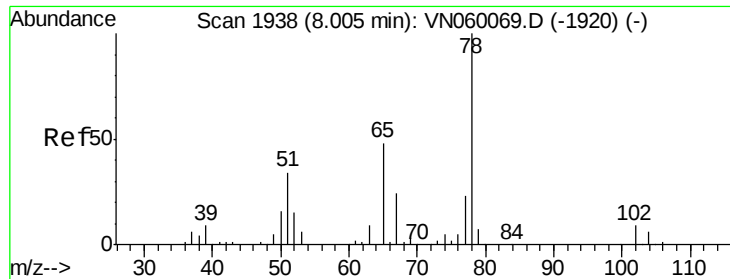


Abundance Ion 96.90 (96.60 to 97.60): VN060130.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060130.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060130.D (-1703) (-)

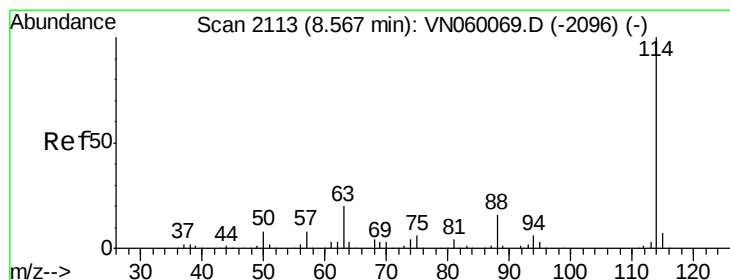
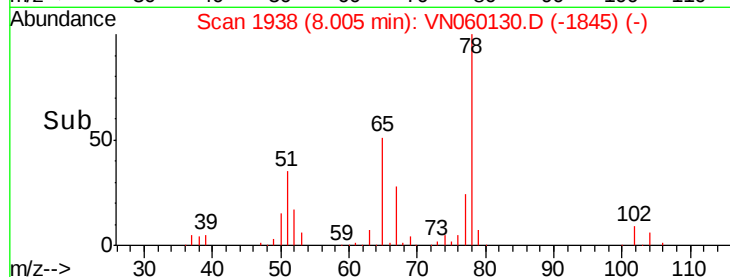
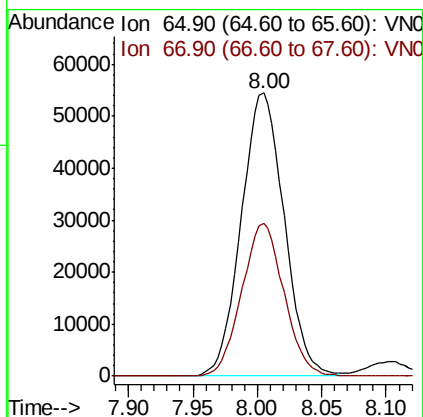
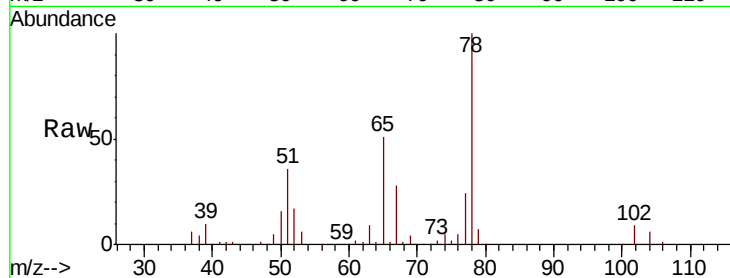




#33
 1,2-Dichloroethane-d4
 Concen: 55.620 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

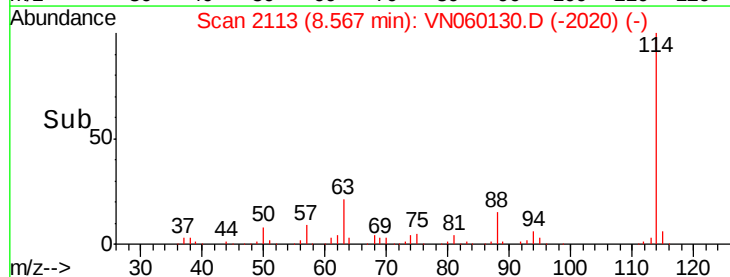
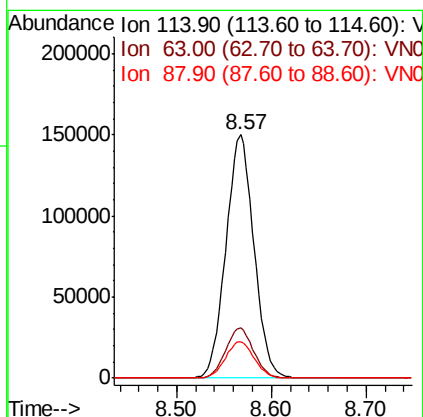
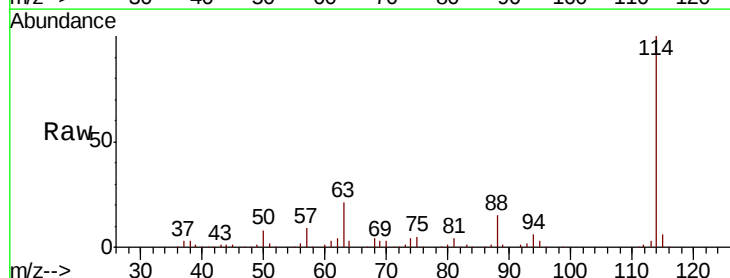
Instrument :
 MSVOA_N
 ClientSampleId :

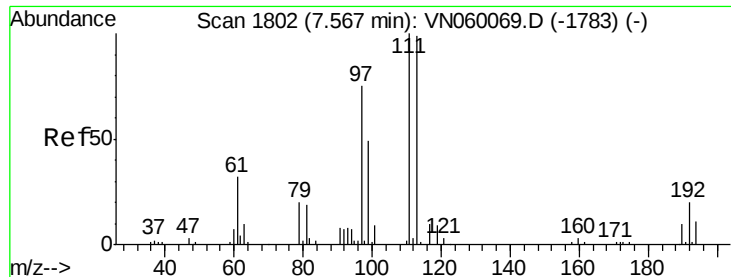
Tot Ion: 65 Resp: 126490
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Tgt Ion: 114 Resp: 307837
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.0
 88 15.0 0.0 31.6

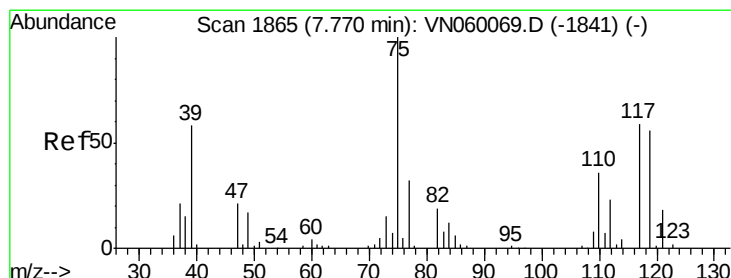
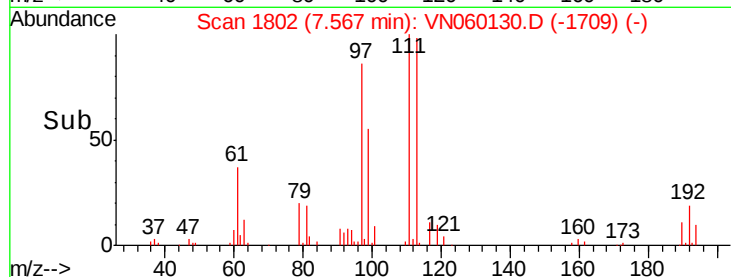
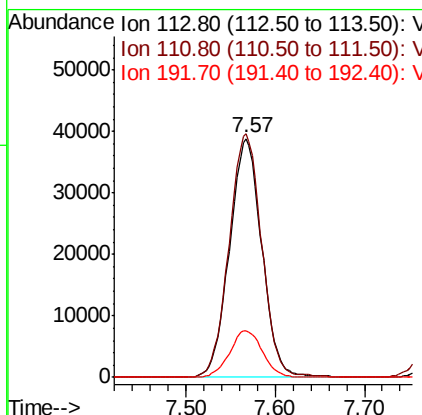
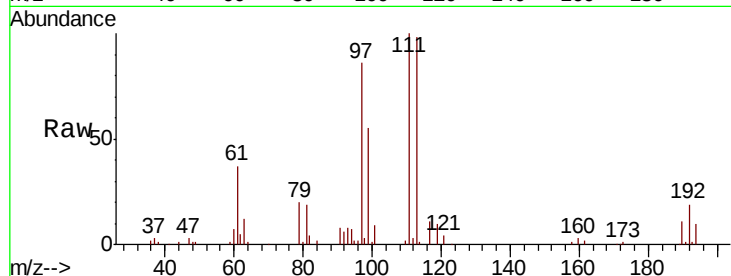




#35
Dibromofluoromethane
Concen: 51.471 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

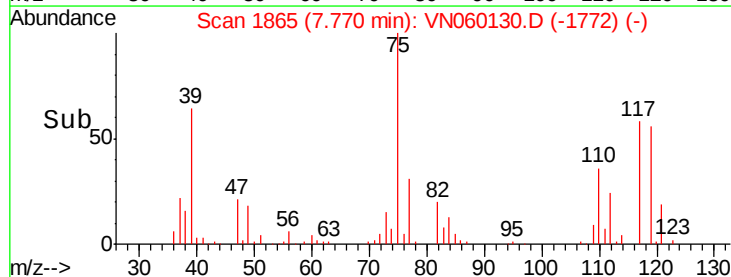
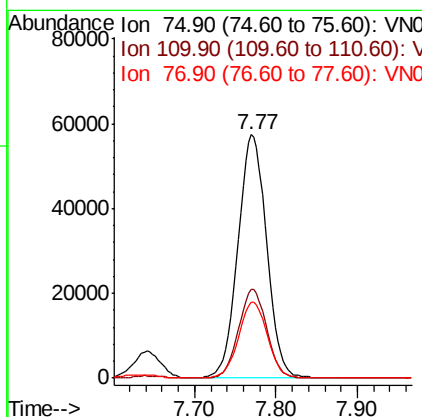
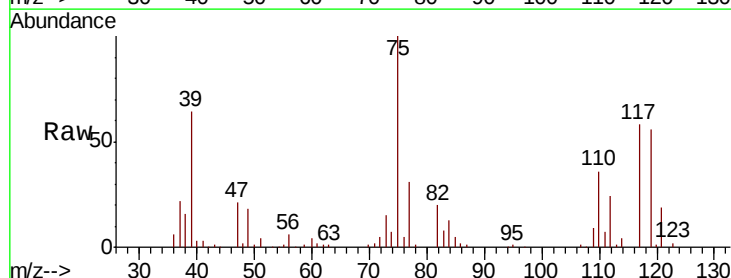
Instrument :
MSVOA_N
ClientSampleId :

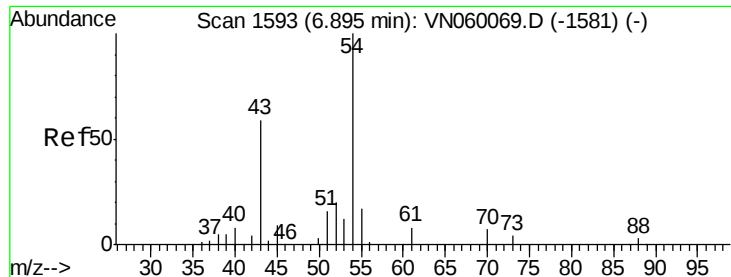
Tot Ion:113 Resp: 97397
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.2
192 19.6 16.2 24.2



#36
1,1-Dichloropropene
Concen: 48.951 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 75 Resp: 139573
Ion Ratio Lower Upper
75 100
110 35.4 18.1 54.3
77 31.4 25.1 37.7

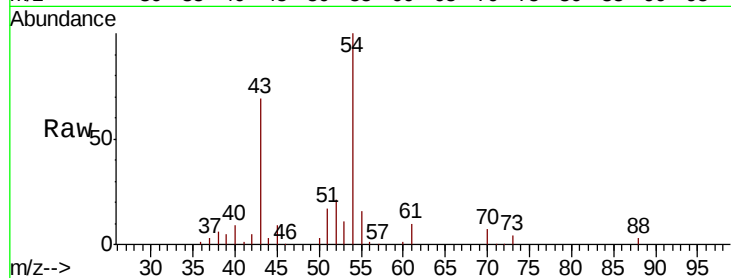




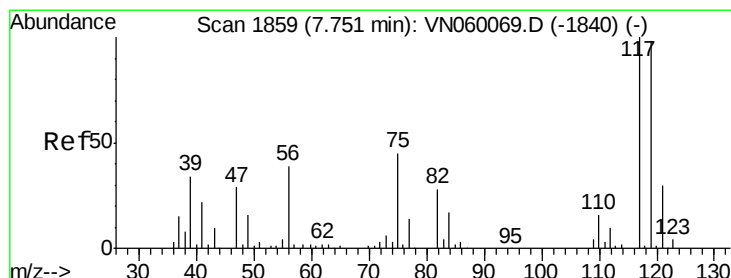
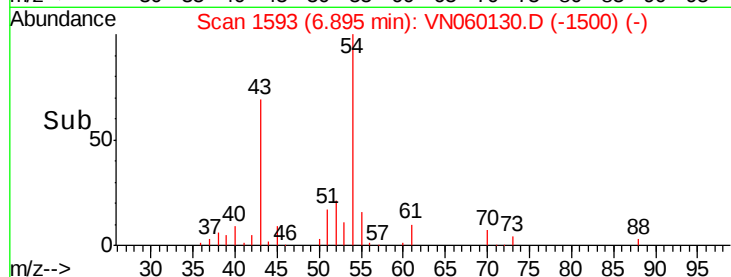
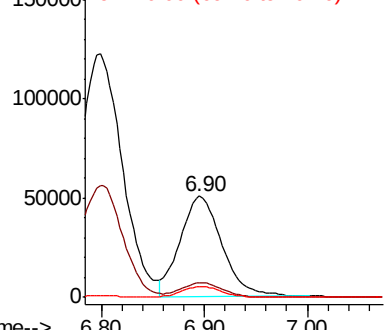
#37
Ethyl Acetate
Concen: 55.582 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 143230
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.2
70 10.2 8.7 13.1

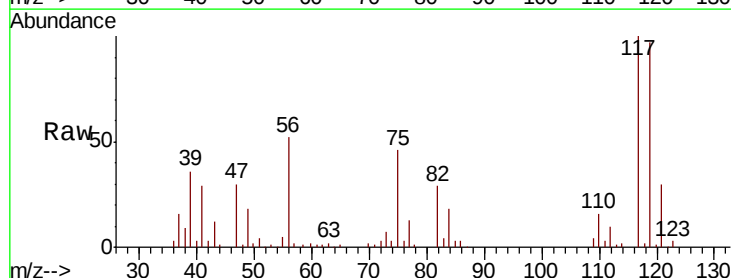


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

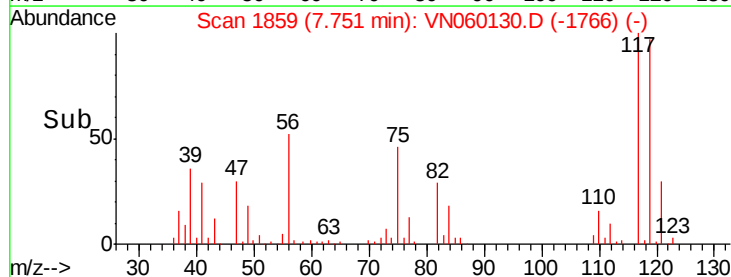
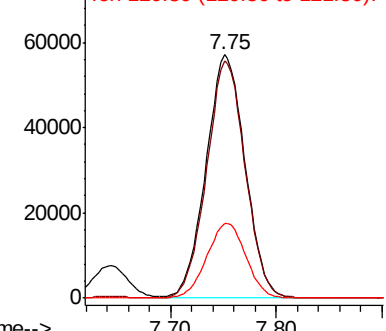


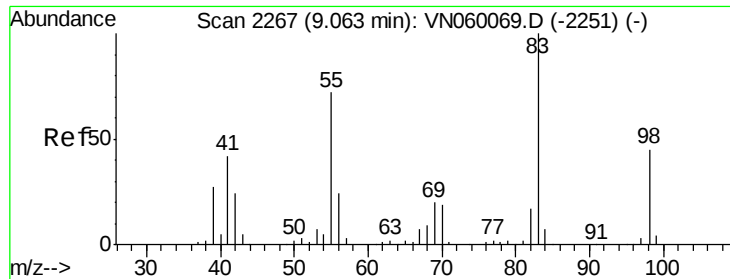
#38
Carbon Tetrachloride
Concen: 47.453 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 117 Resp: 146945
Ion Ratio Lower Upper
117 100
119 97.2 78.2 117.4
121 30.5 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

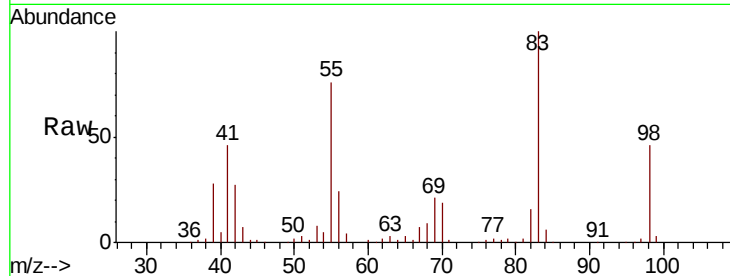




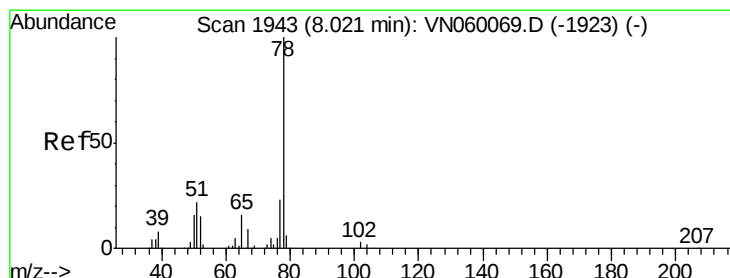
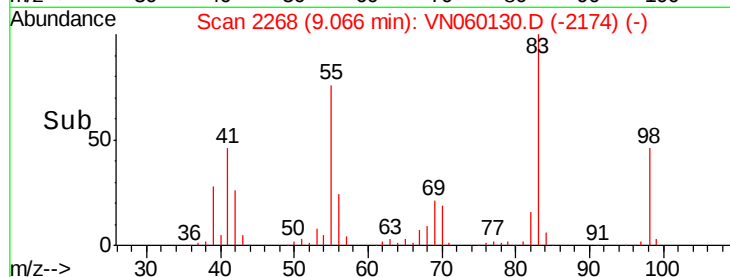
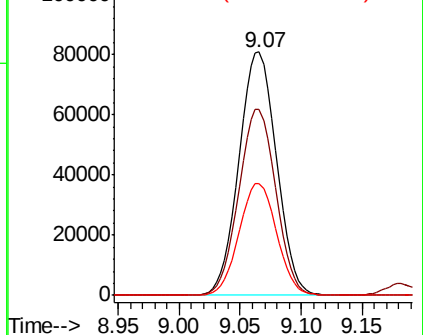
#39
Methvlcvclohexane
Concen: 48.594 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 171995
Ion Ratio Lower Upper
83 100
55 76.3 57.8 86.8
98 45.7 36.4 54.6

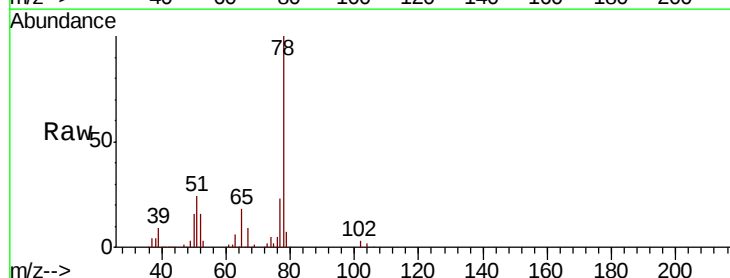


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

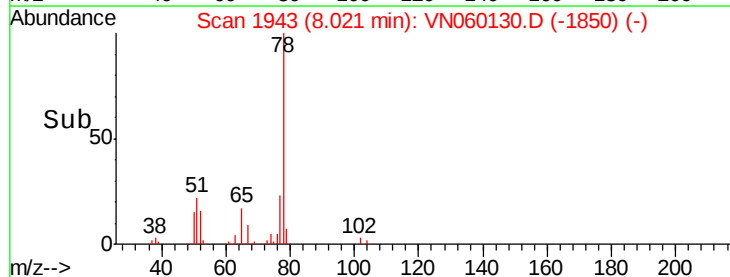
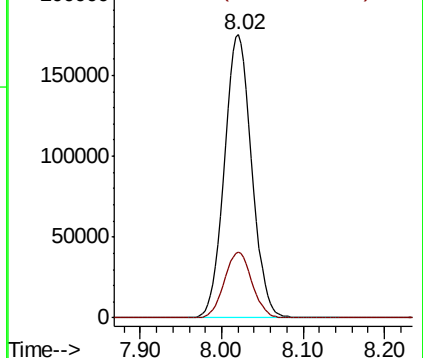


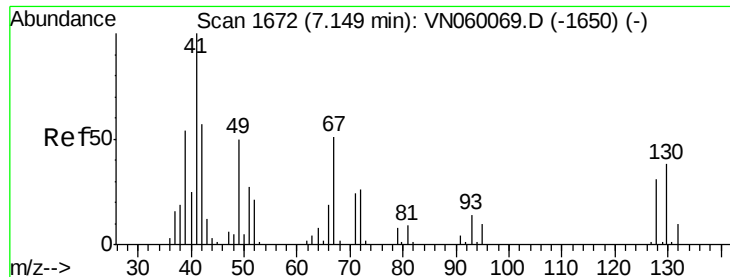
#40
Benzene
Concen: 48.846 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 78 Resp: 413140
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

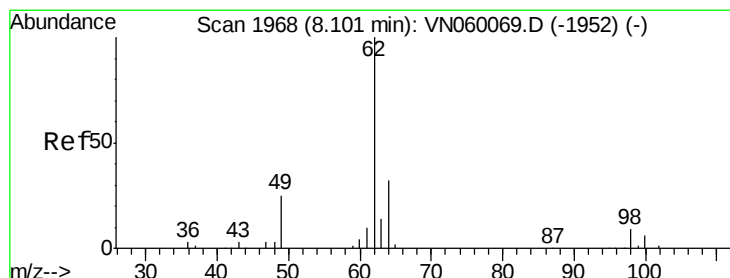
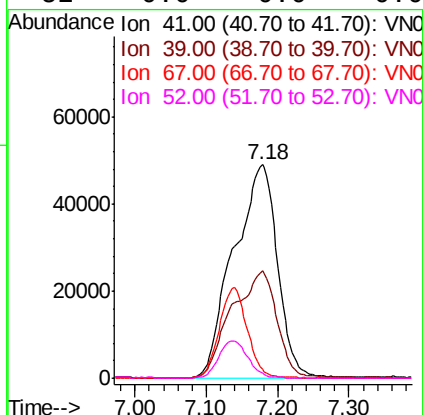
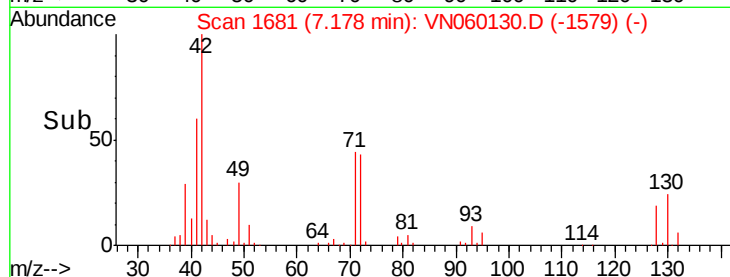
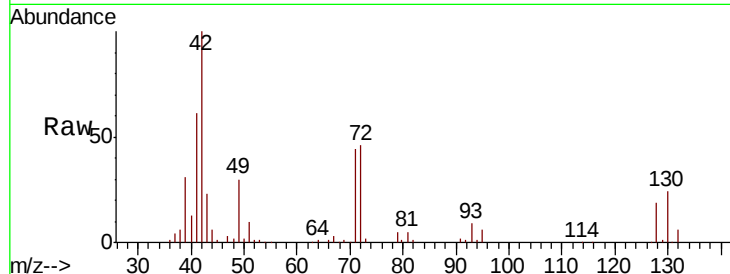




#41
Methacrylonitrile
Concen: 193.220 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

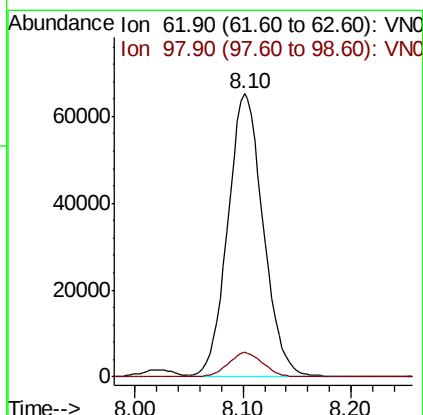
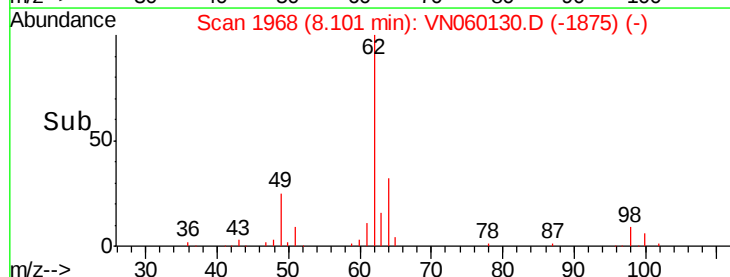
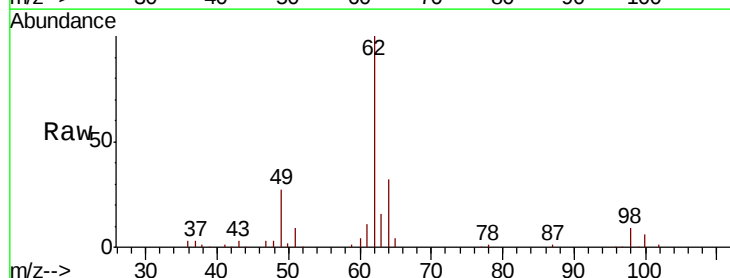
Instrument :
MSVOA_N
ClientSampled :

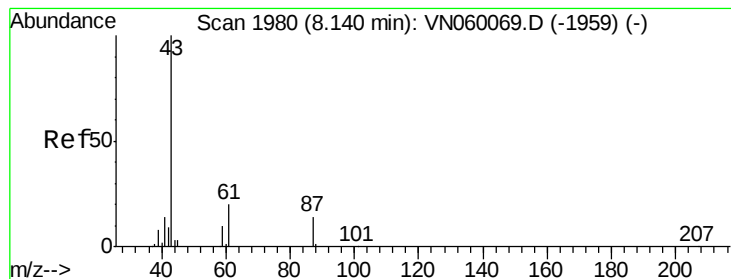
Tot Ion: 41 Resp: 208811
Ion Ratio Lower Upper
41 100
39 51.9 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.080 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 62 Resp: 148459
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.2





#43

Isopropyl Acetate

Concen: 55.619 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

ClientSampleId :

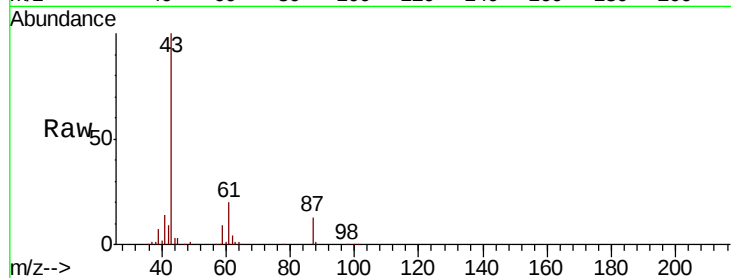
Tot Ion: 43 Resp: 245006

Ion Ratio Lower Upper

43 100

61 25.8 21.8 32.6

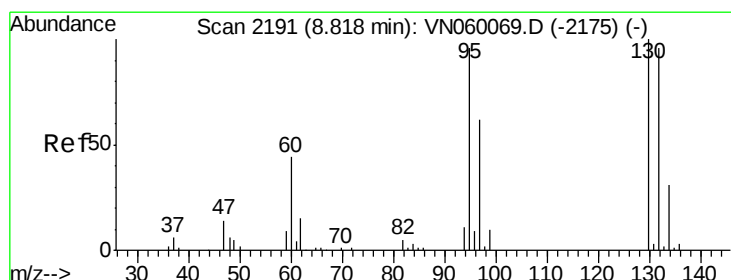
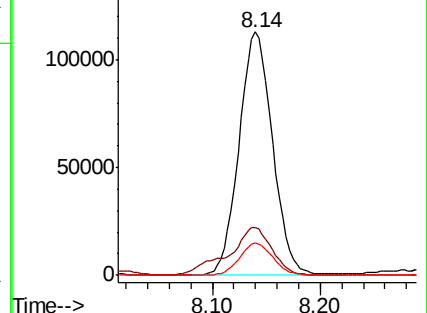
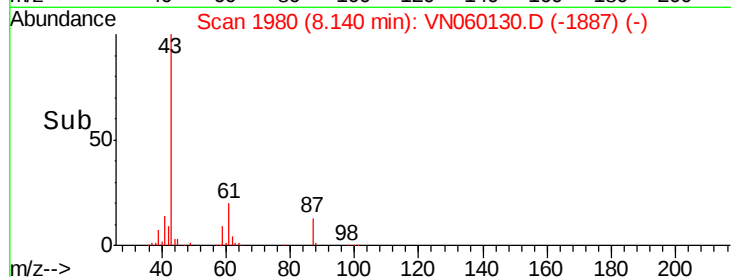
87 13.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060130.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060130.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060130.D (-1959) (-)



#44

Trichloroethene

Concen: 45.850 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060130.D

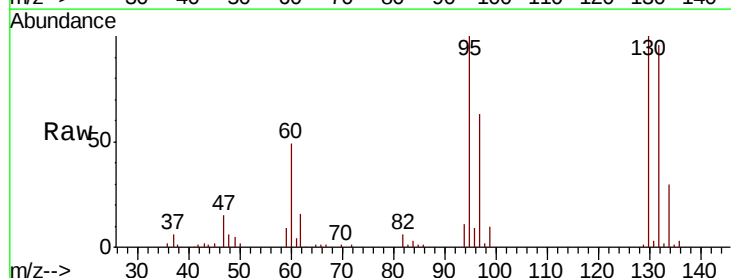
Acq: 17 Feb 2020 19:16

Tgt Ion:130 Resp: 107381

Ion Ratio Lower Upper

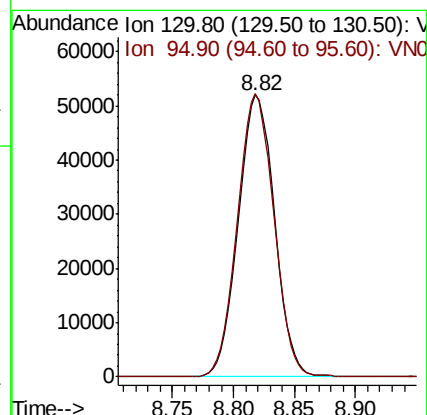
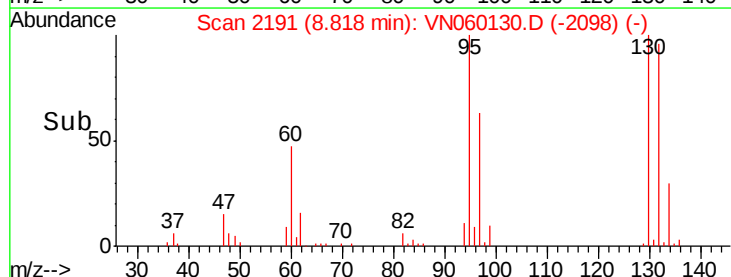
130 100

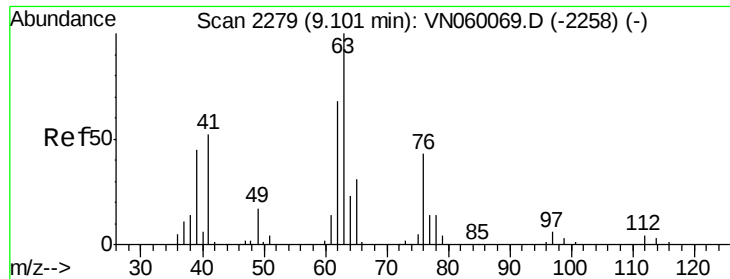
95 100.4 0.0 192.4



Abundance Ion 129.80 (129.50 to 130.50): VN060130.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060130.D (-2175) (-)

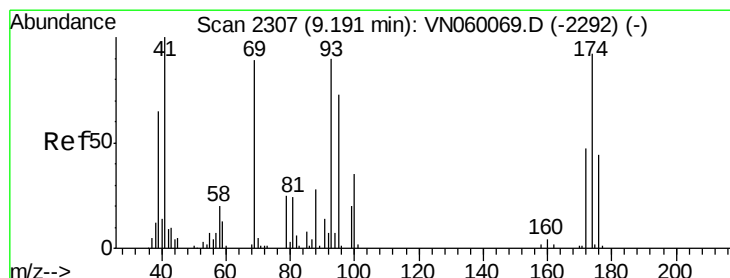
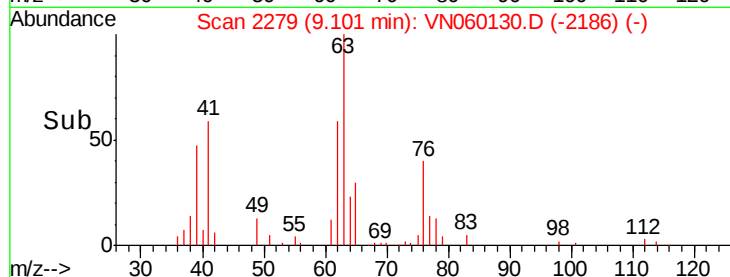
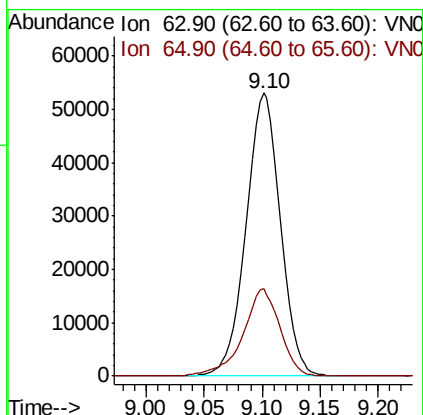
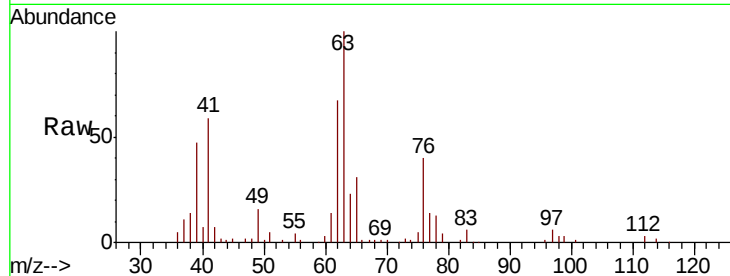




#45
 1,2-Dichloropropane
 Concen: 52.363 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

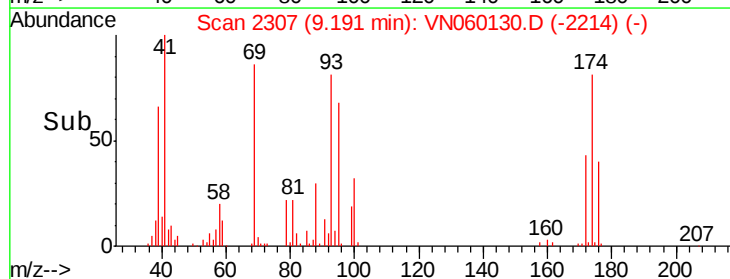
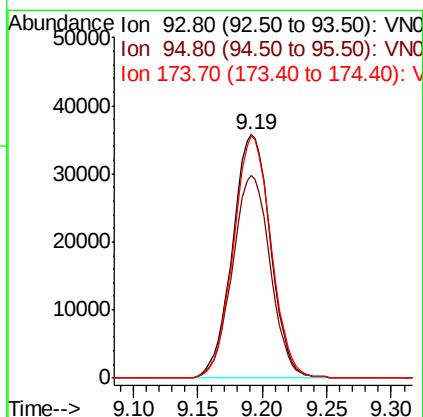
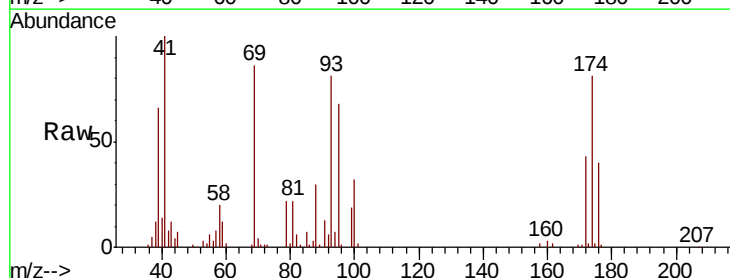
Instrument :
 MSVOA_N
 ClientSampled :

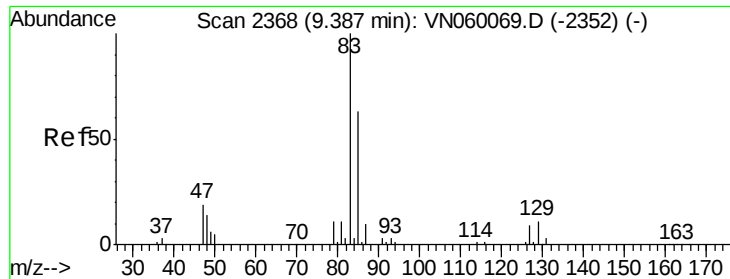
Tot Ion: 63 Resp: 109648
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.4



#46
 Dibromomethane
 Concen: 49.585 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Tgt Ion: 93 Resp: 73375
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.0 97.6
 174 98.5 82.3 123.5

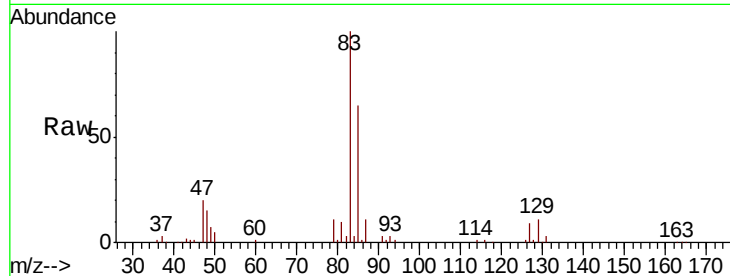




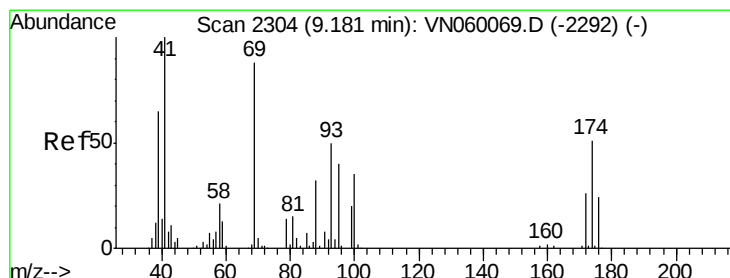
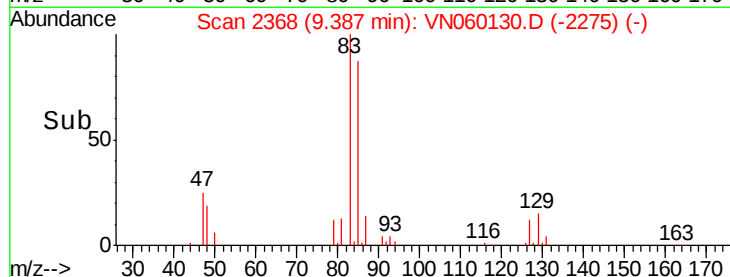
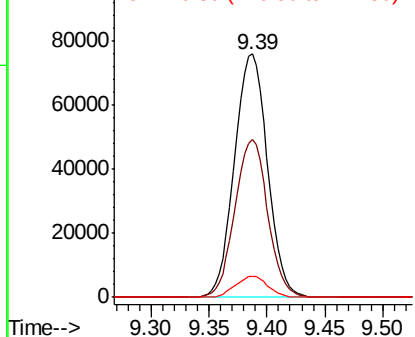
#47
Bromodichloromethane
Concen: 50.023 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 150494
Ion Ratio Lower Upper
83 100
85 64.8 50.6 75.8
127 8.8 7.0 10.6

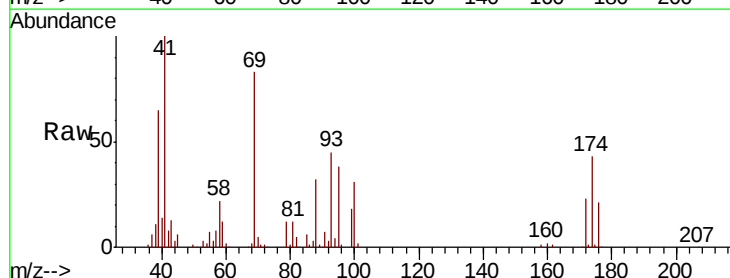


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

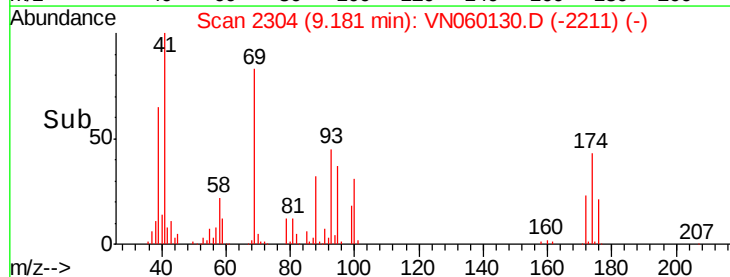
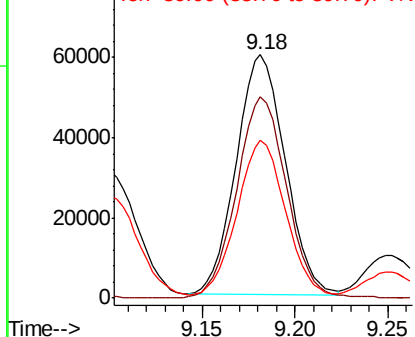


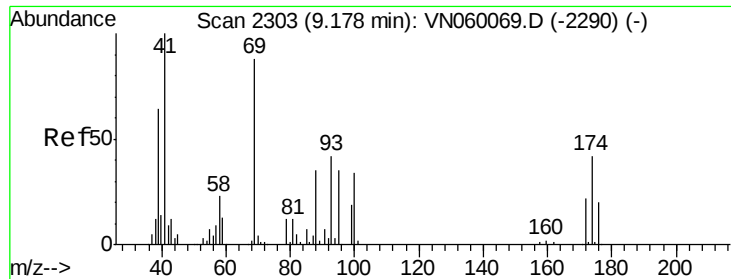
#48
Methyl methacrylate
Concen: 55.594 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 41 Resp: 109876
Ion Ratio Lower Upper
41 100
69 85.8 72.0 108.0
39 63.4 54.1 81.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

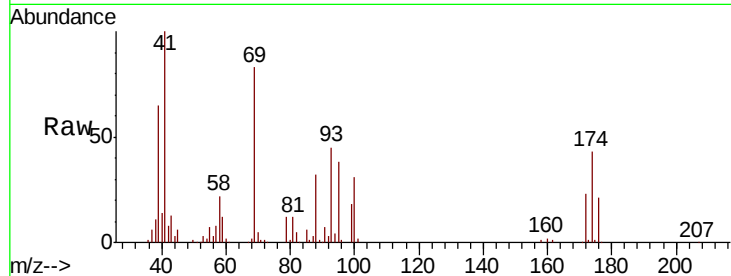




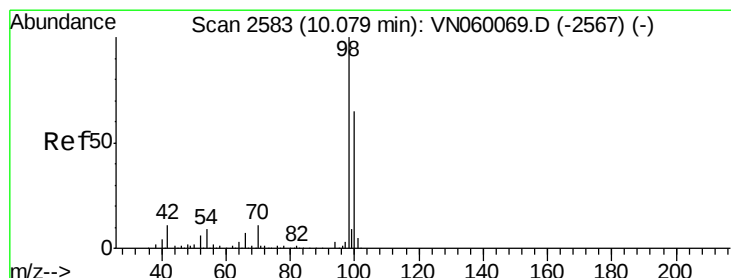
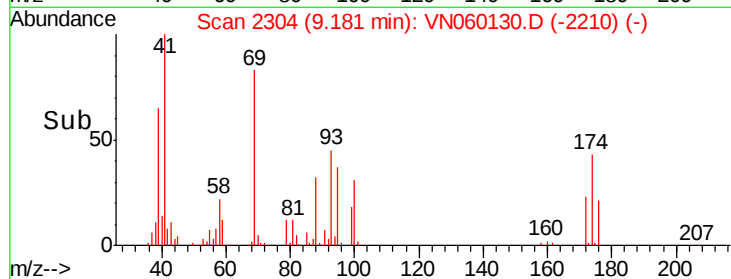
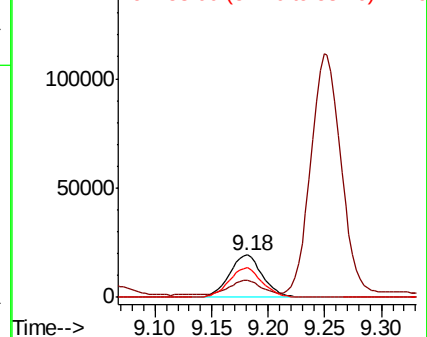
#49
 1,4-Dioxane
 Concen: 1176.237 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 39720
 Ion Ratio Lower Upper
 88 100
 43 32.2 26.2 39.2
 58 68.7 53.2 79.8

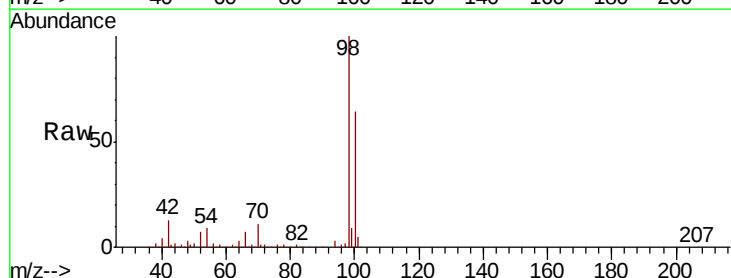


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

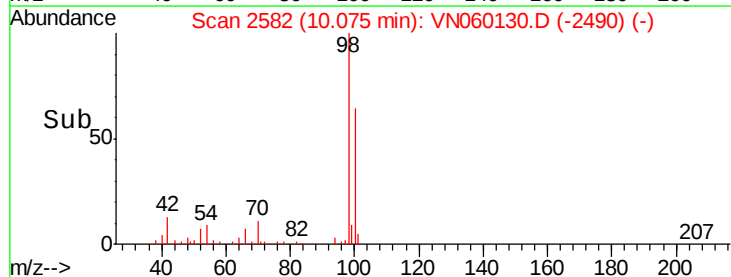
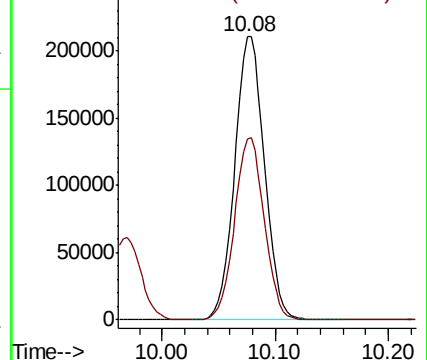


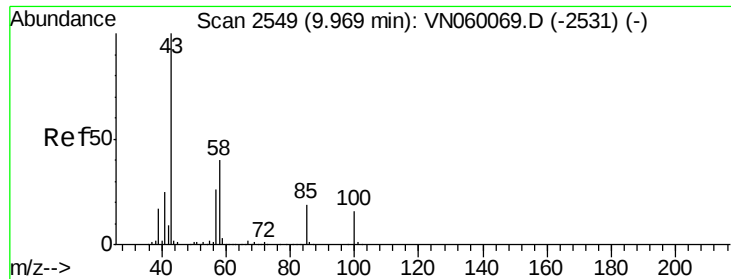
#50
 Toluene-d8
 Concen: 51.642 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Tgt Ion: 98 Resp: 384820
 Ion Ratio Lower Upper
 98 100
 100 64.4 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: 290.113 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

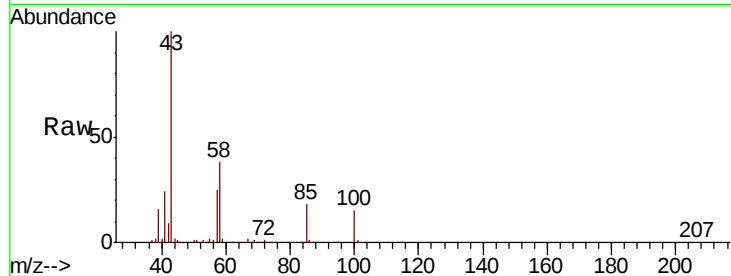
ClientSampleId :

Tot Ion: 43 Resp: 739707

Ion Ratio Lower Upper

43 100

58 38.4 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060069.D (-2531) (-)

9.97

400000

300000

200000

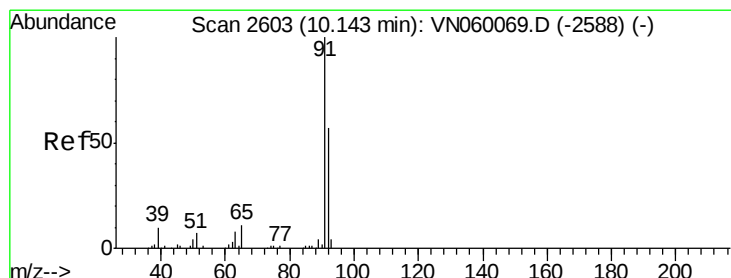
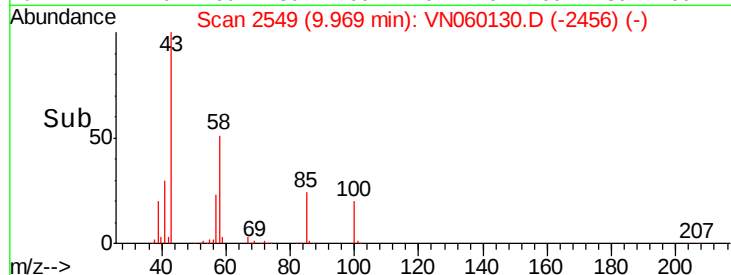
100000

0

9.90

10.00

Time-->



#52

Toluene

Concen: 49.028 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060130.D

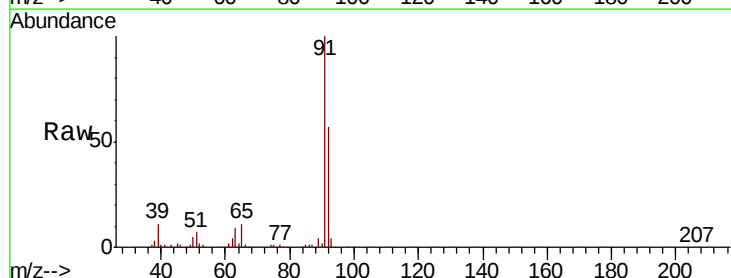
Acq: 17 Feb 2020 19:16

Tgt Ion: 92 Resp: 265922

Ion Ratio Lower Upper

92 100

91 173.6 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN060069.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060069.D (-2588) (-)

10.14

300000

250000

200000

150000

100000

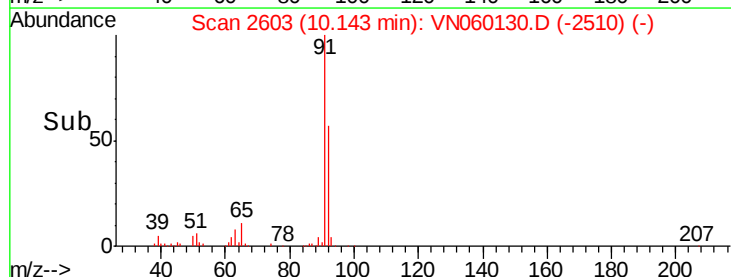
50000

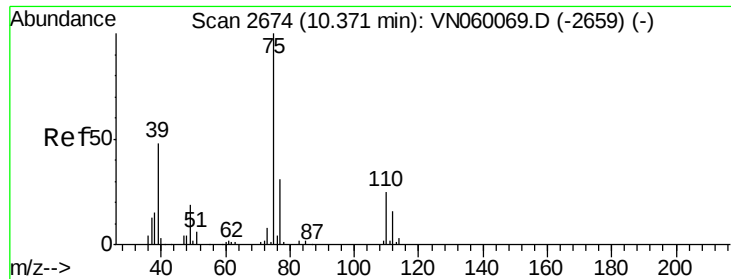
0

10.10

10.20

Time-->

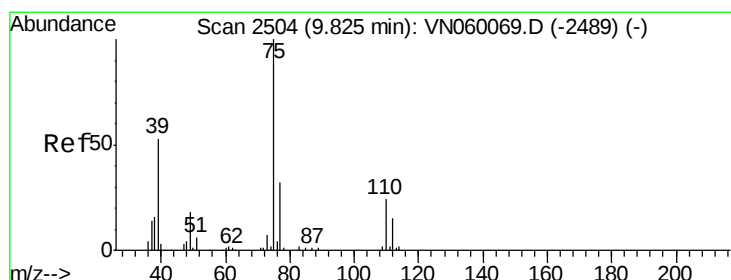
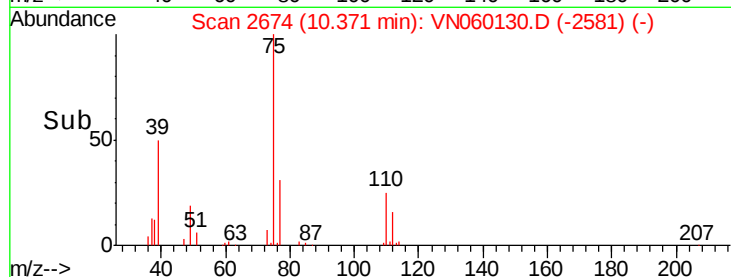
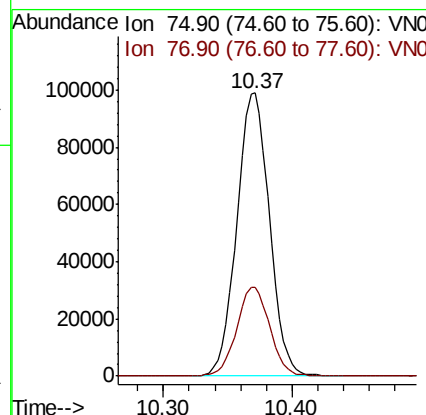
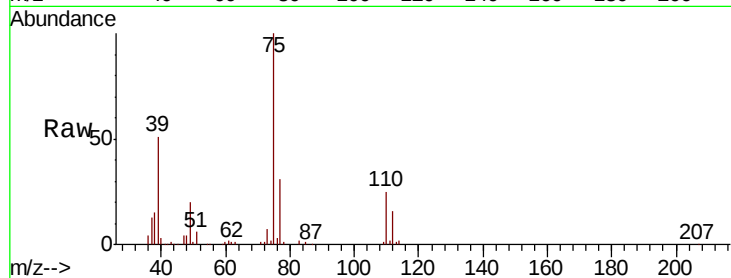




#53
t-1,3-Dichloropropene
Concen: 51.156 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

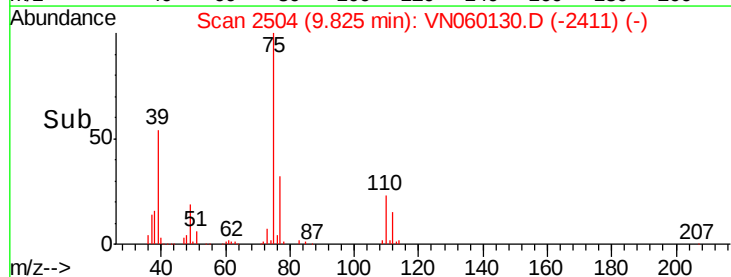
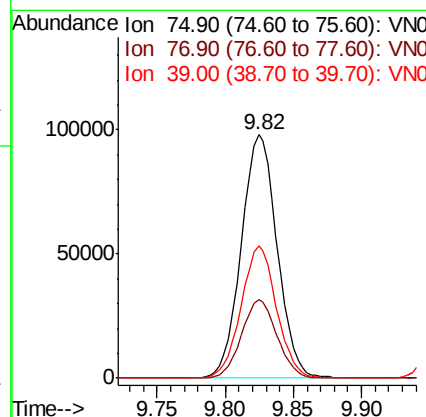
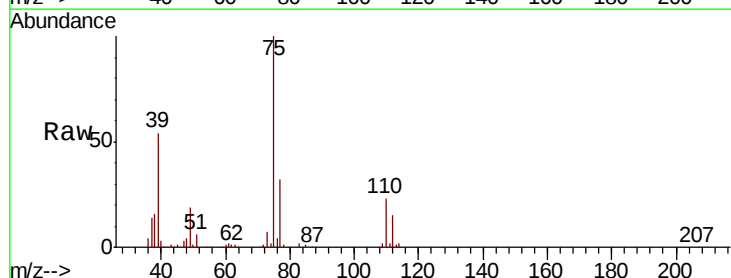
Instrument :
MSVOA_N
ClientSampled :

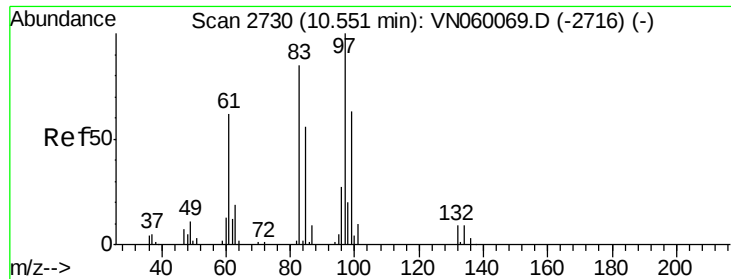
Tot Ion: 75 Resp: 173718
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 50.006 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 75 Resp: 178816
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
39 54.1 42.2 63.4

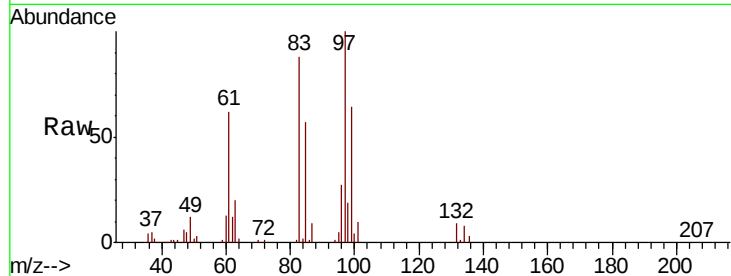




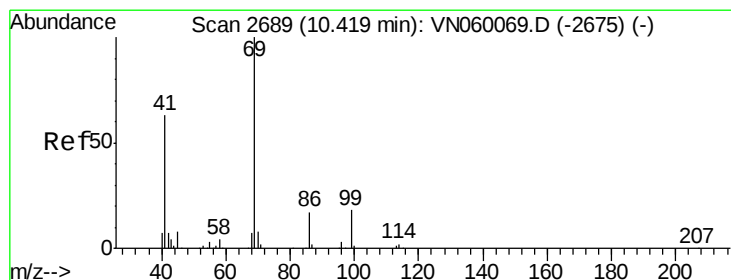
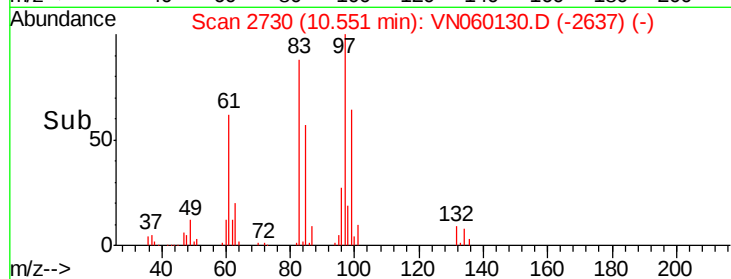
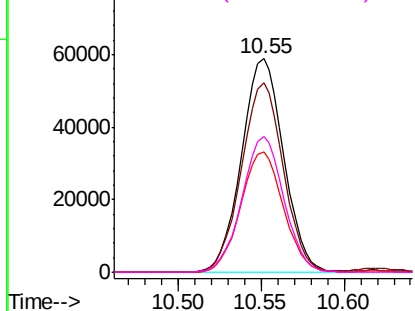
#55
 1,1,2-Trichloroethane
 Concen: 49.158 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	104017
Ion	Ratio	Lower	Upper
97	100		
83	88.5	67.9	101.9
85	56.5	44.6	67.0
99	63.7	50.1	75.1

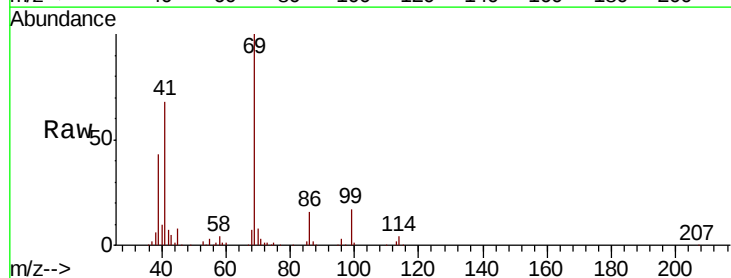


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

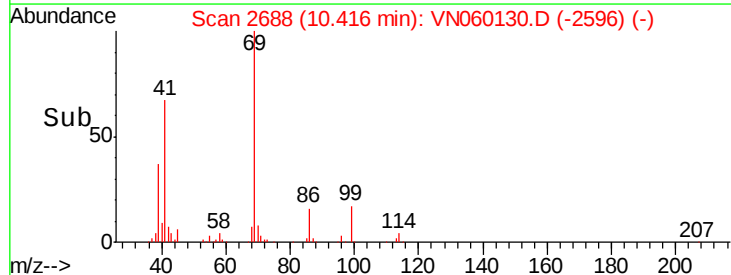
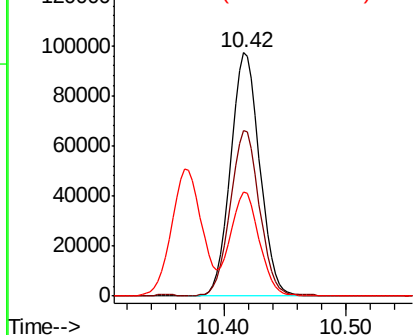


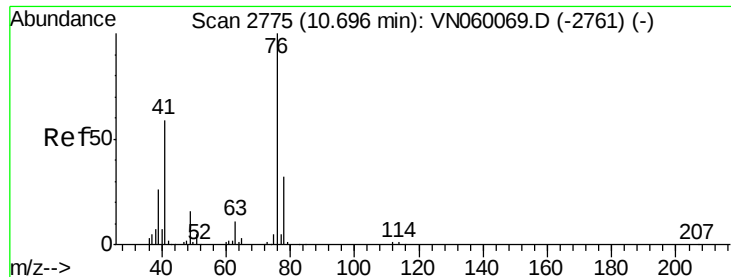
#56
 Ethyl methacrylate
 Concen: 54.032 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Tgt Ion:	69	Resp:	161736
Ion	Ratio	Lower	Upper
69	100		
41	67.5	51.1	76.7
39	42.4	33.8	50.8



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

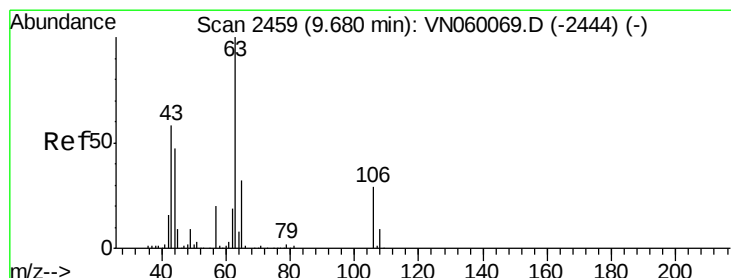
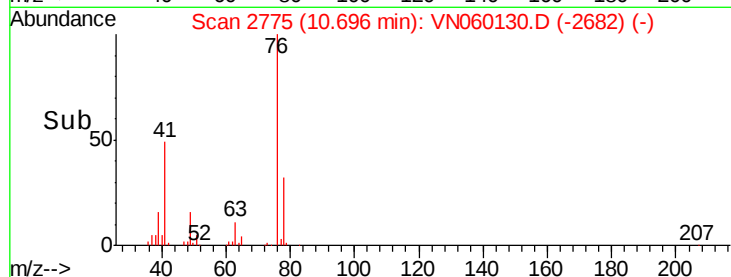
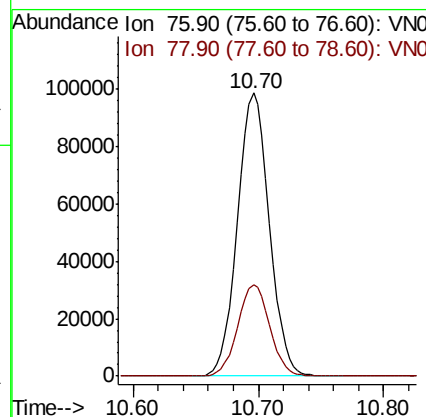
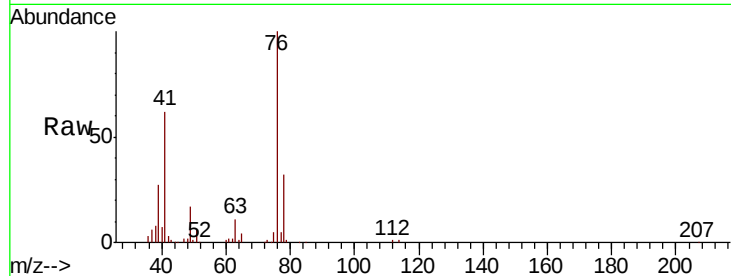




#57
 1,3-Dichloropropane
 Concen: 49.787 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

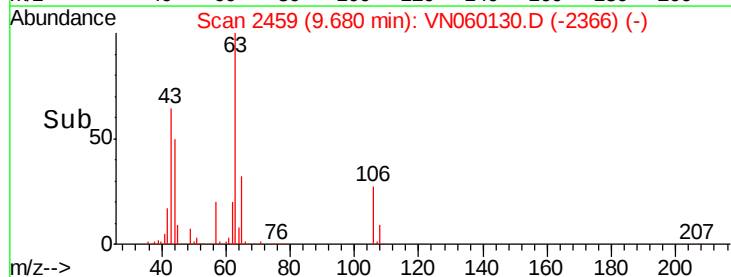
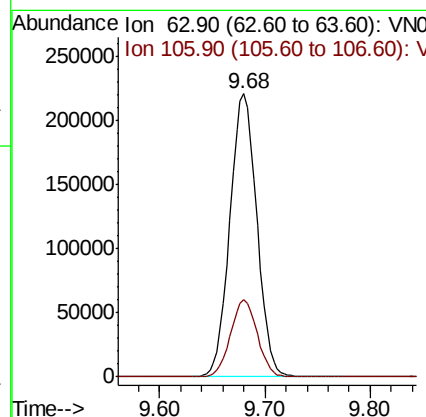
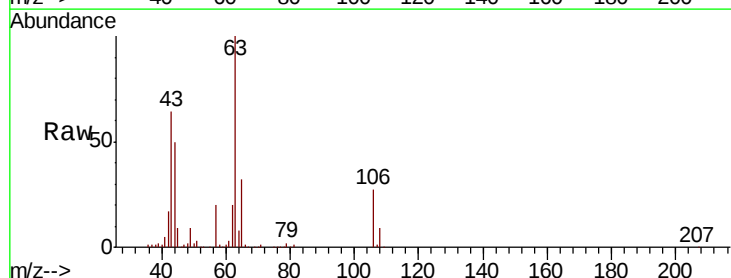
Instrument :
 MSVOA_N
 ClientSampled :

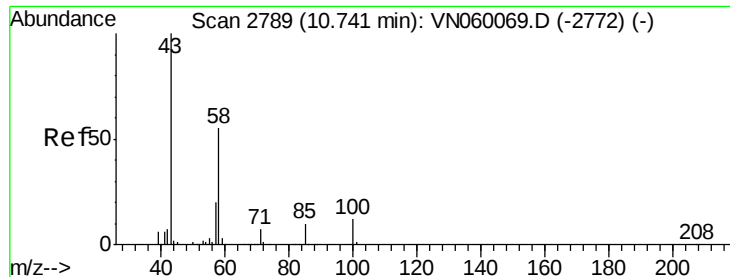
Tot Ion: 76 Resp: 173832
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.727 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Tgt Ion: 63 Resp: 390080
 Ion Ratio Lower Upper
 63 100
 106 27.0 22.9 34.3

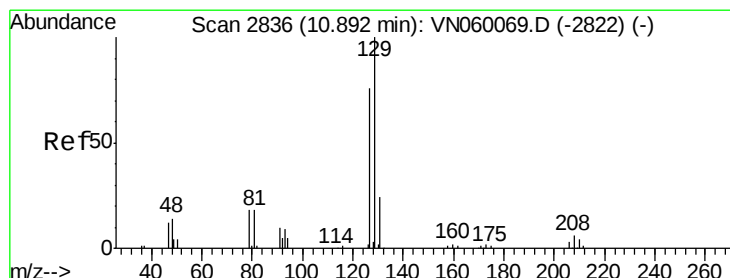
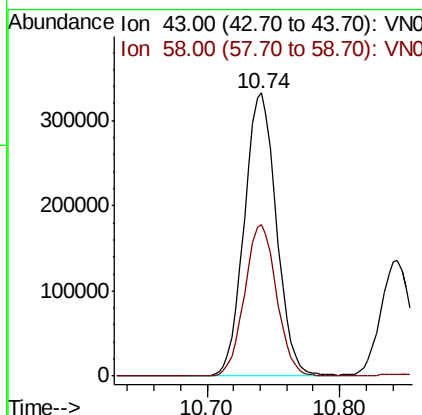
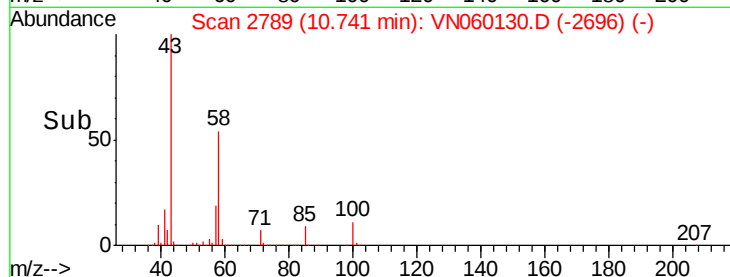
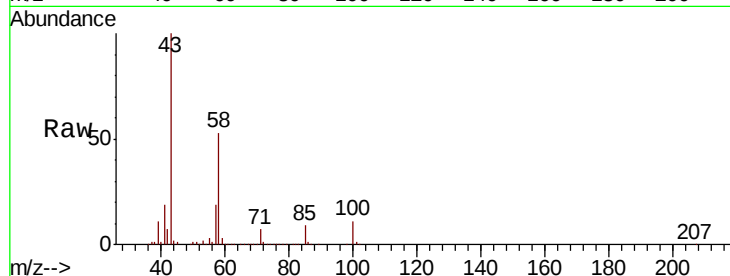




#59
2-Hexanone
Concen: 282.676 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

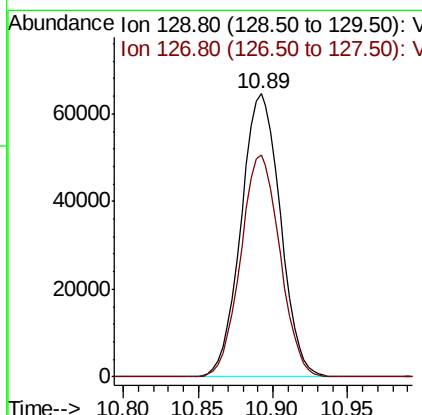
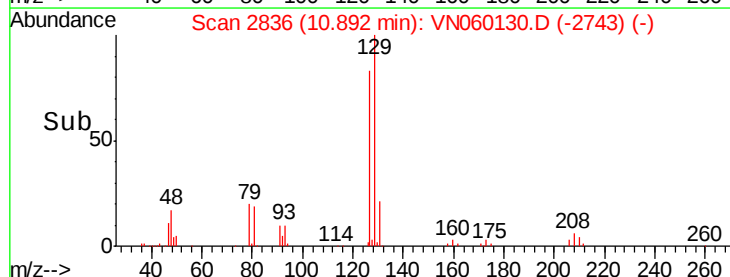
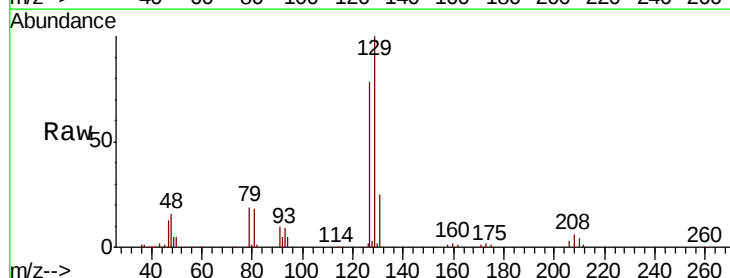
Instrument :
MSVOA_N
ClientSampled :

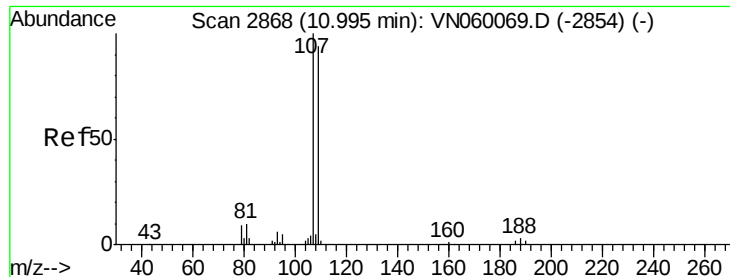
Tot Ion: 43 Resp: 556756
Ion Ratio Lower Upper
43 100
58 53.6 27.5 82.4



#60
Dibromochloromethane
Concen: 48.704 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 129 Resp: 118263
Ion Ratio Lower Upper
129 100
127 78.0 38.0 114.1





#61

1,2-Dibromoethane

Concen: 49.900 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

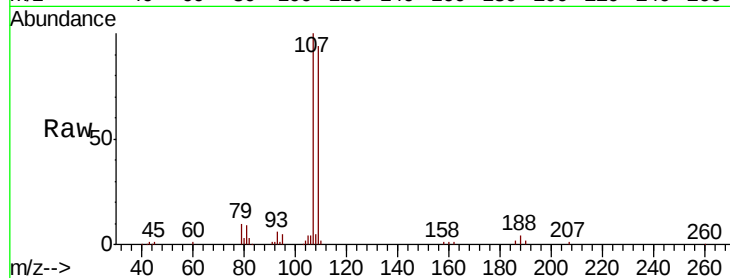
ClientSampleId :

Tot Ion:107 Resp: 110687

Ion Ratio Lower Upper

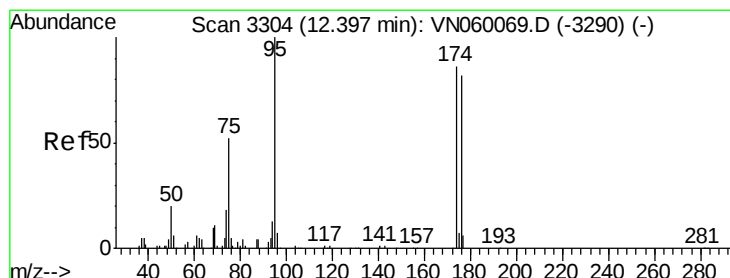
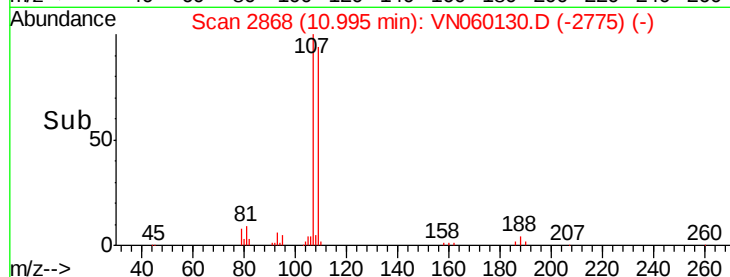
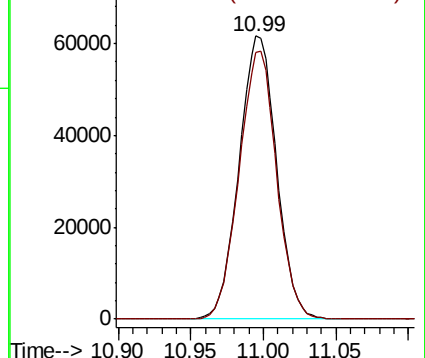
107 100

109 94.7 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.368 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

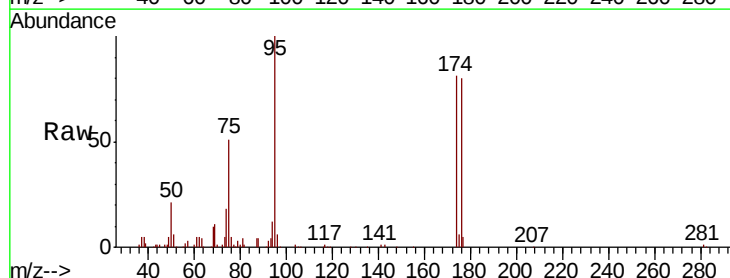
Tgt Ion: 95 Resp: 146129

Ion Ratio Lower Upper

95 100

174 80.9 0.0 169.8

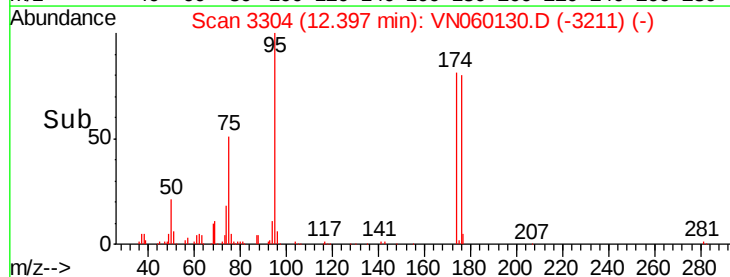
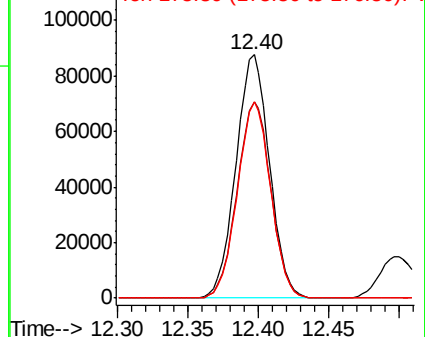
176 79.7 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

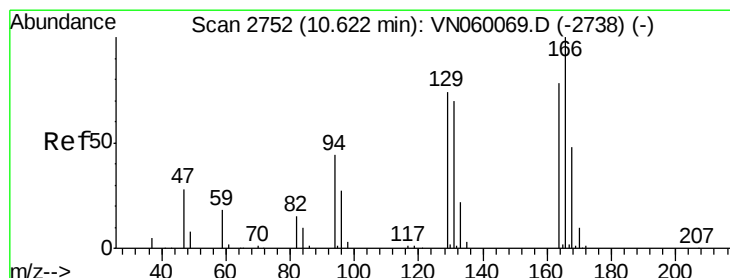
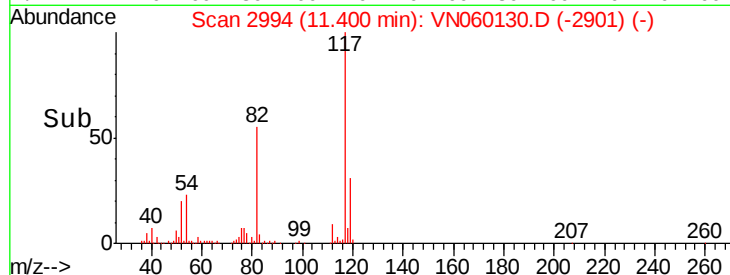
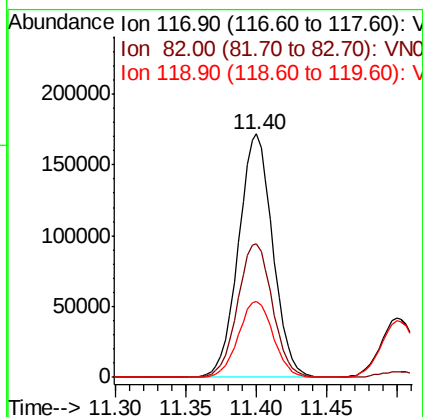
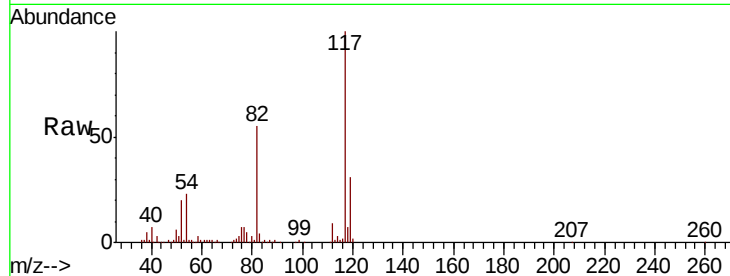




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

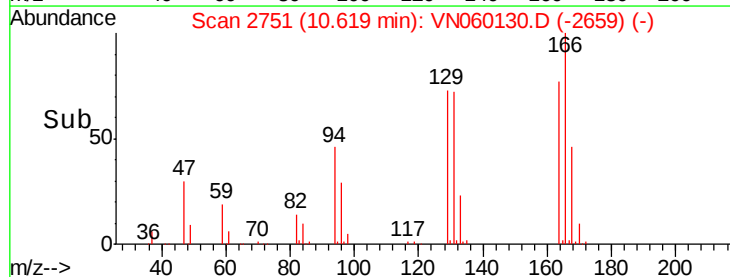
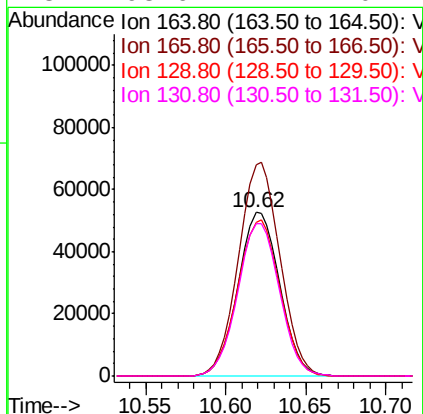
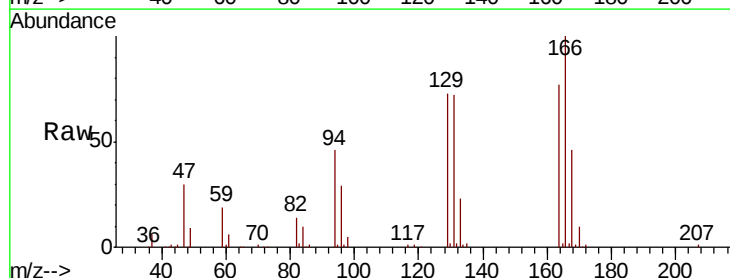
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 291842
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 31.2 25.8 38.6



#64
Tetrachloroethene
Concen: 42.278 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion:164 Resp: 93797
Ion Ratio Lower Upper
164 100
166 129.4 101.9 152.9
129 94.0 75.4 113.0
131 93.6 71.4 107.2





#65

Chlorobenzene

Concen: 47.292 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

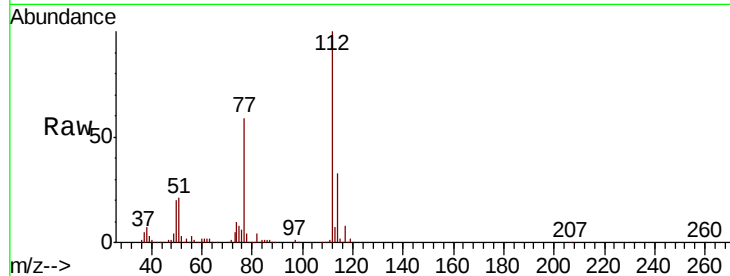
ClientSampleId :

Tot Ion:112 Resp: 281193

Ion Ratio Lower Upper

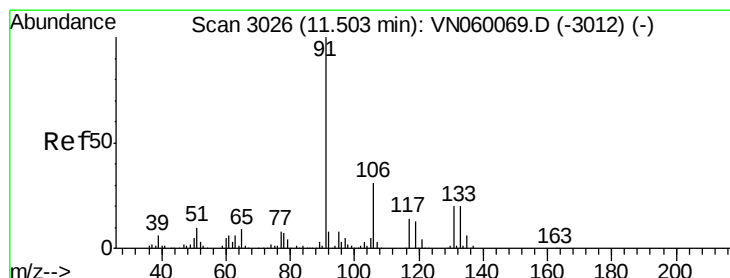
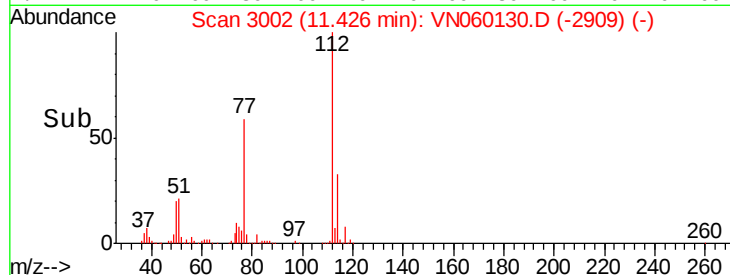
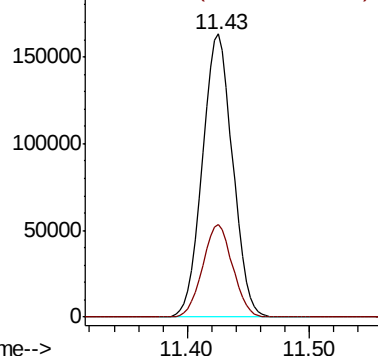
112 100

114 32.6 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.855 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

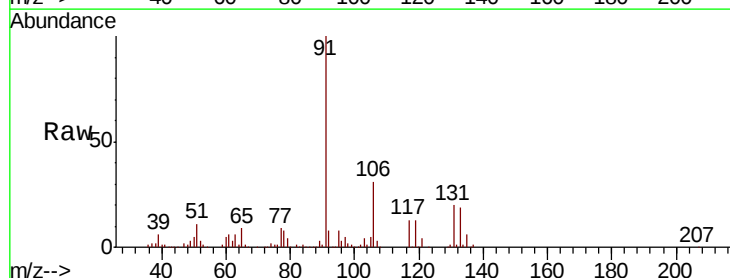
Tgt Ion:131 Resp: 107640

Ion Ratio Lower Upper

131 100

133 94.4 47.9 143.7

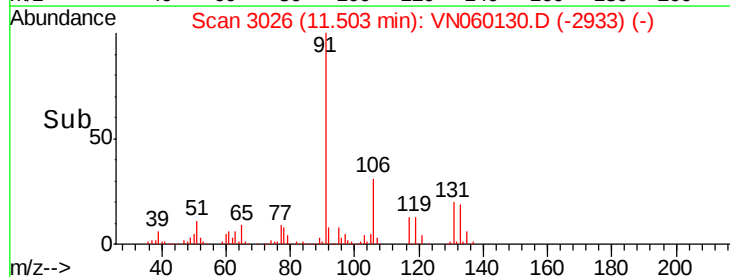
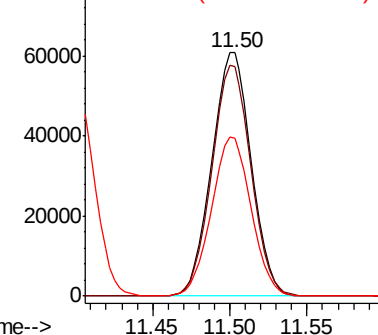
119 65.8 32.6 97.7

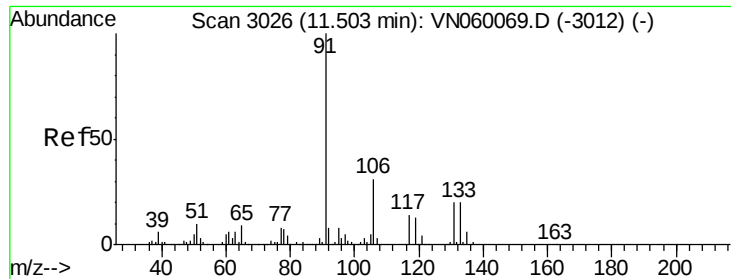


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

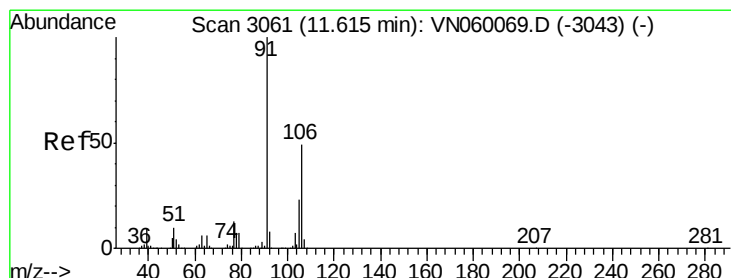
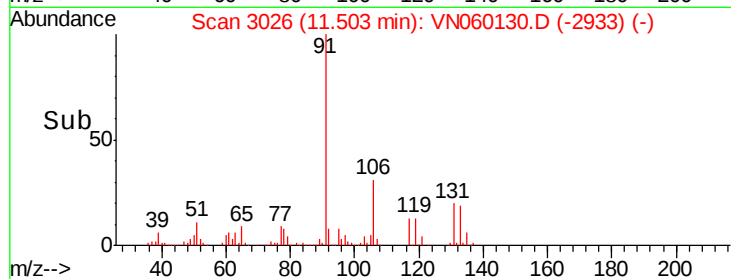
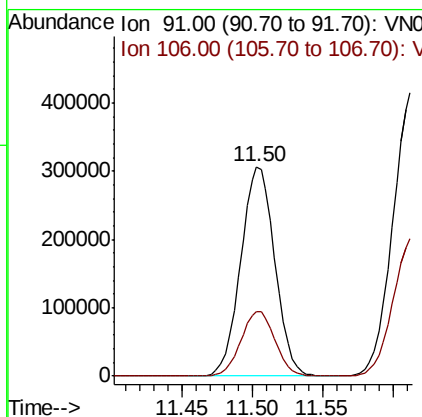
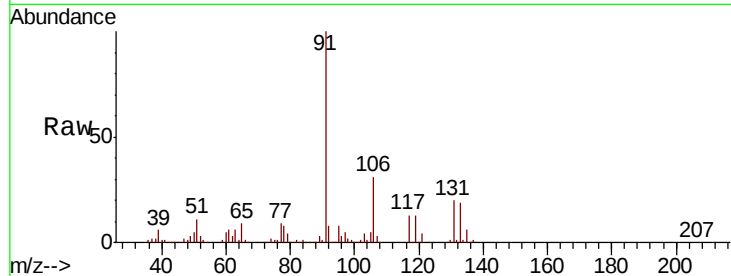




#67
Ethyl Benzene
Concen: 48.371 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

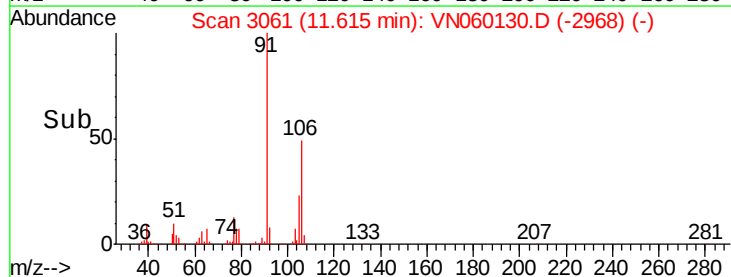
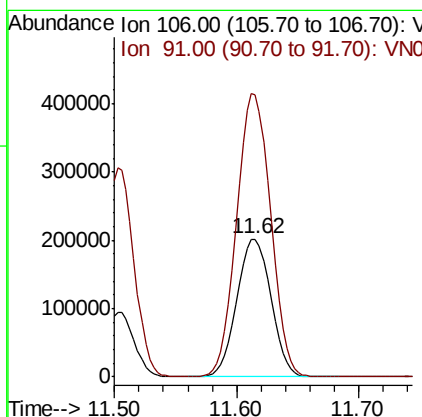
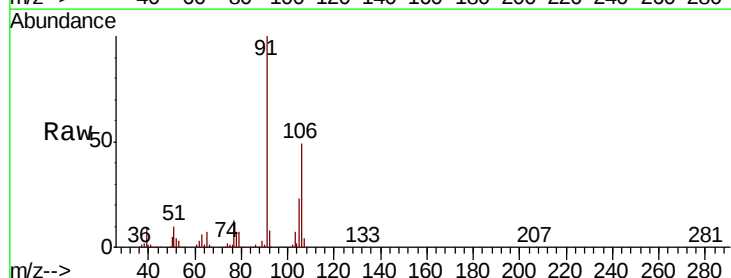
Instrument :
MSVOA_N
ClientSampled :

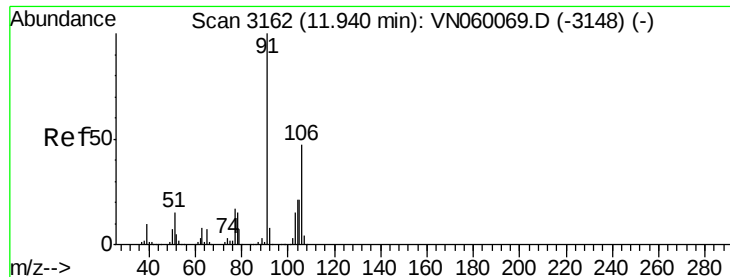
Tot Ion: 91 Resp: 518718
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7



#68
m/p-Xylenes
Concen: 97.045 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 106 Resp: 390586
Ion Ratio Lower Upper
106 100
91 204.6 162.7 244.1





#69

o-Xylene

Concen: 48.472 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

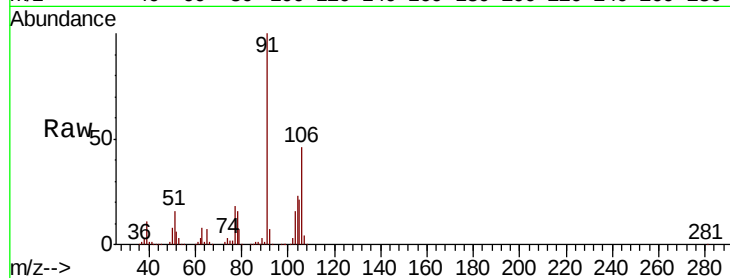
ClientSampled :

Tot Ion:106 Resp: 187841

Ion Ratio Lower Upper

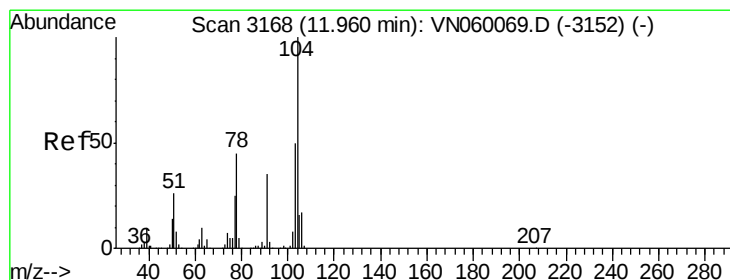
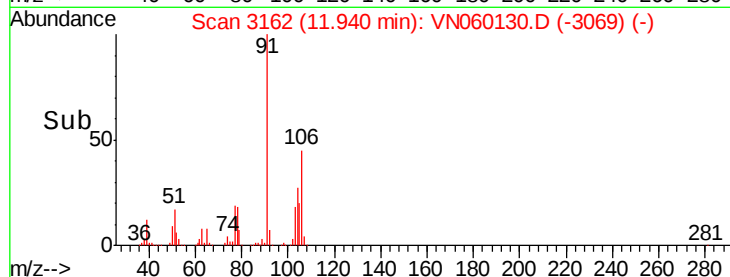
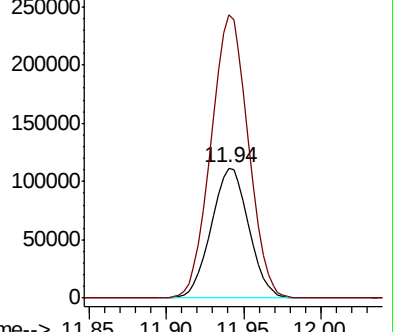
106 100

91 216.6 107.2 321.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 50.526 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

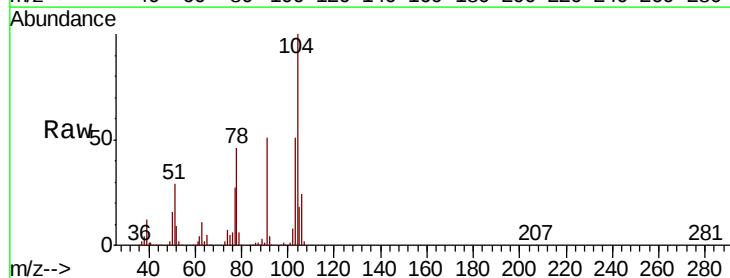
Tgt Ion:104 Resp: 315740

Ion Ratio Lower Upper

104 100

78 50.8 40.2 60.2

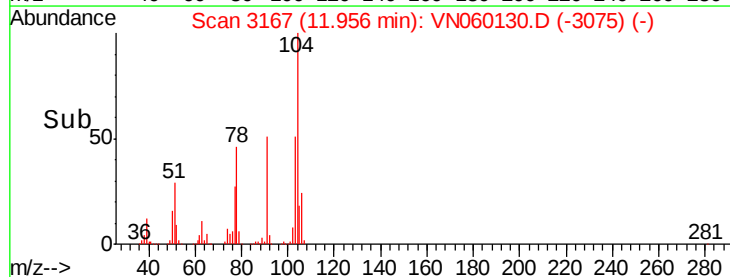
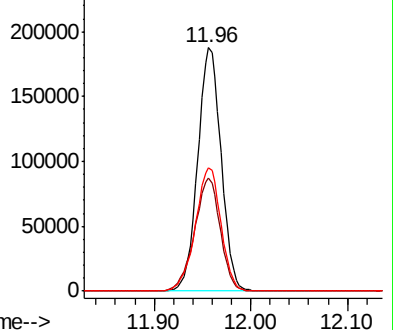
103 55.1 44.3 66.5

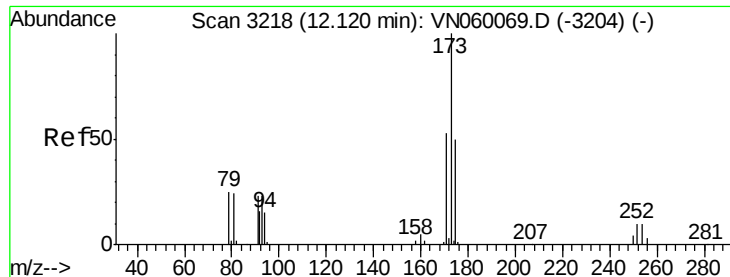


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.464 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

ClientSampleId :

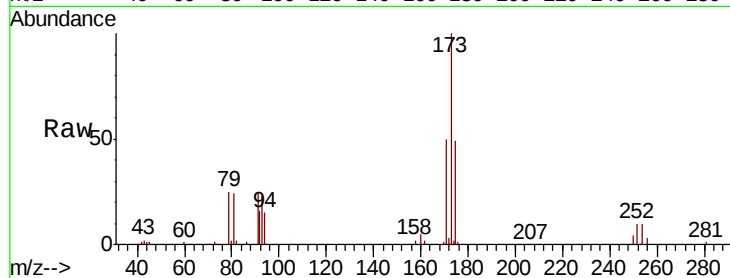
Tot Ion:173 Resp: 91295

Ion Ratio Lower Upper

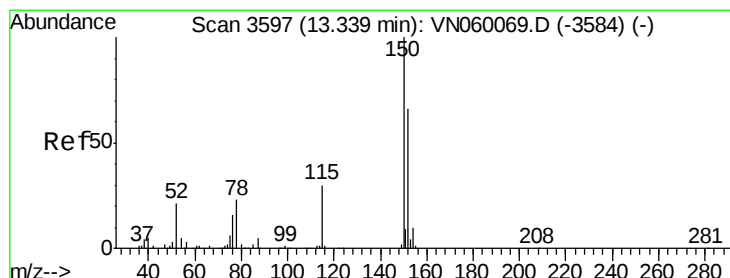
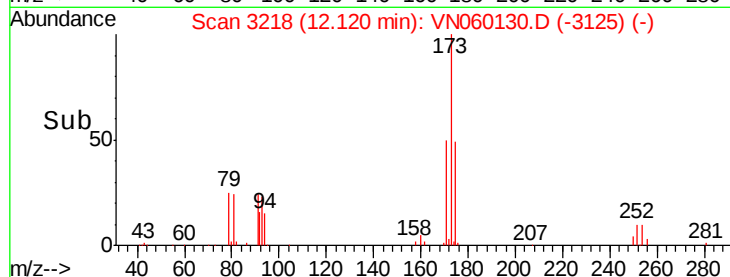
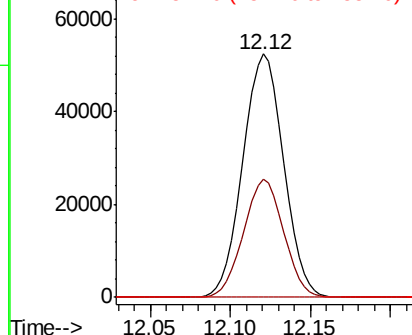
173 100

175 47.8 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: VN060130.D

Acq: 17 Feb 2020 19:16

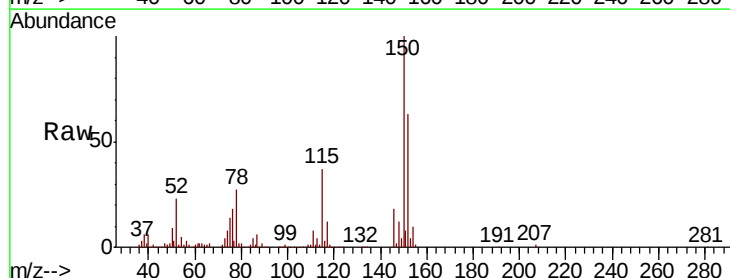
Tgt Ion:152 Resp: 150368

Ion Ratio Lower Upper

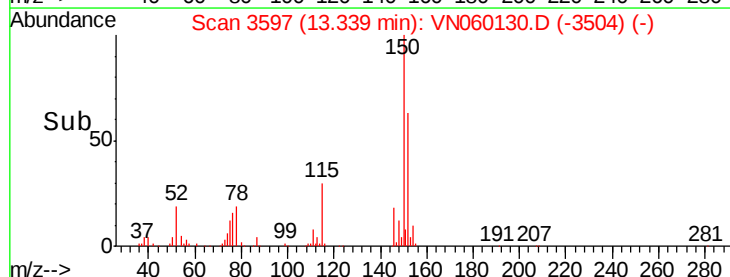
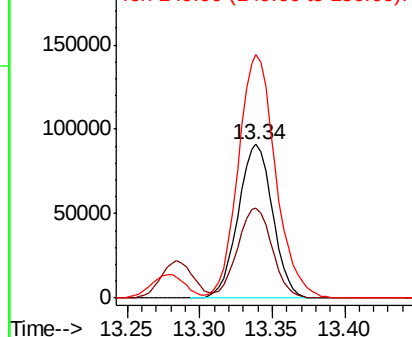
152 100

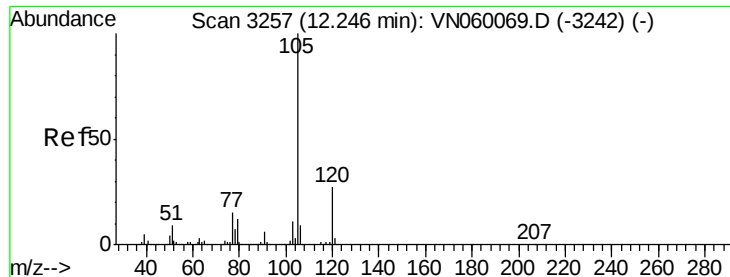
115 58.8 28.9 86.8

150 171.2 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: 45.657 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

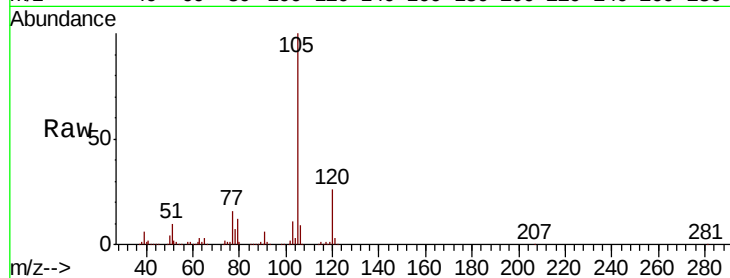
ClientSampleId :

Tot Ion:105 Resp: 512671

Ion Ratio Lower Upper

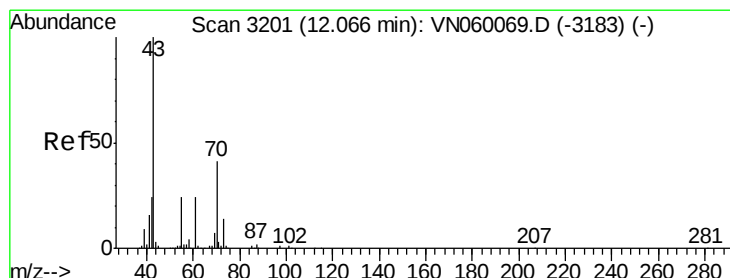
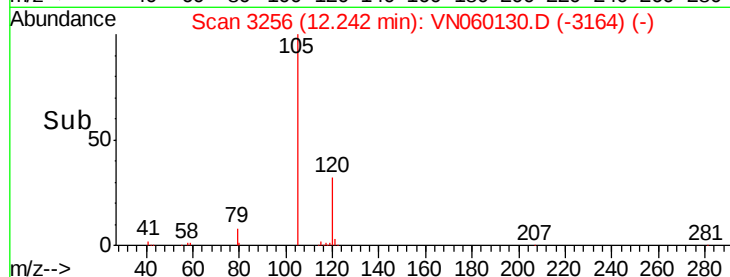
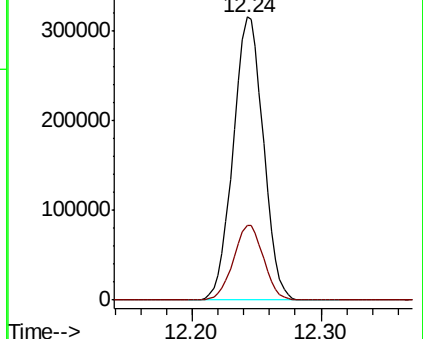
105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.467 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Tgt Ion: 43 Resp: 224586

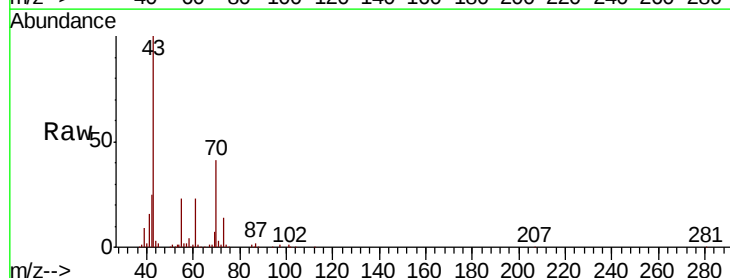
Ion Ratio Lower Upper

43 100

70 40.7 33.4 50.0

55 23.2 18.8 28.2

61 23.4 19.2 28.8

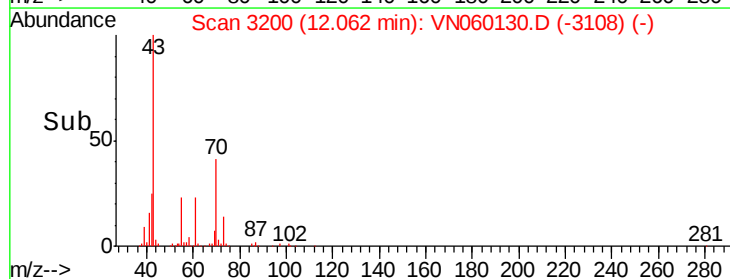
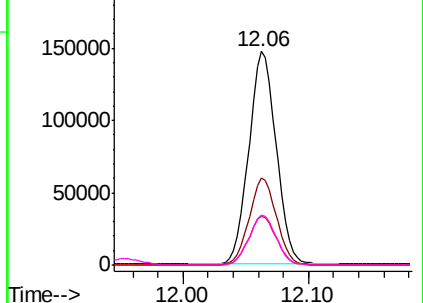


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.223 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

ClientSampleId :

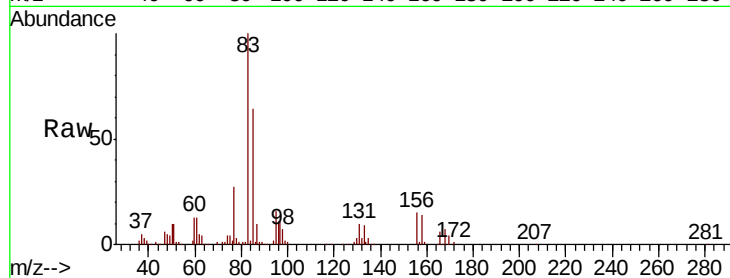
Tot Ion: 83 Resp: 162320

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

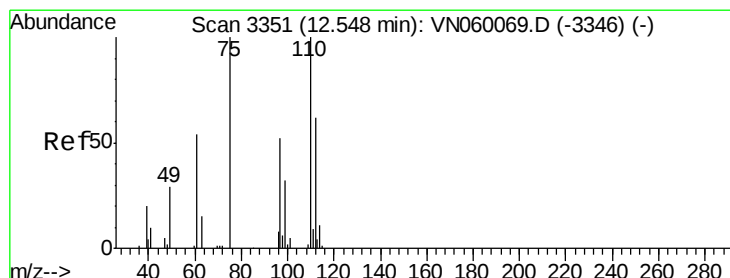
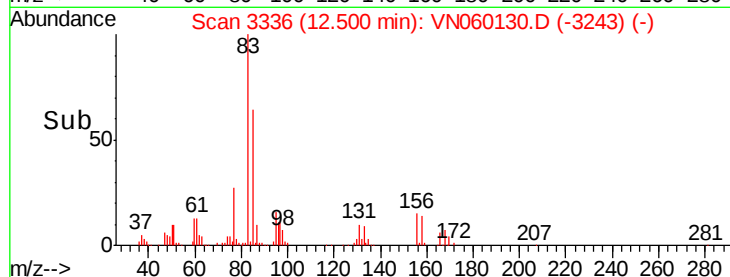
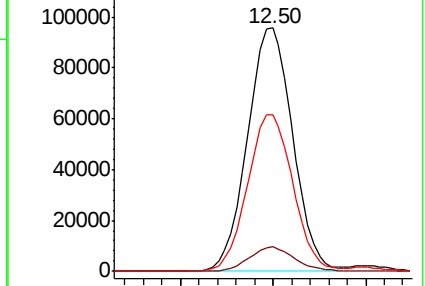
85 64.7 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060130.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060130.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060130.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 75.063 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060130.D

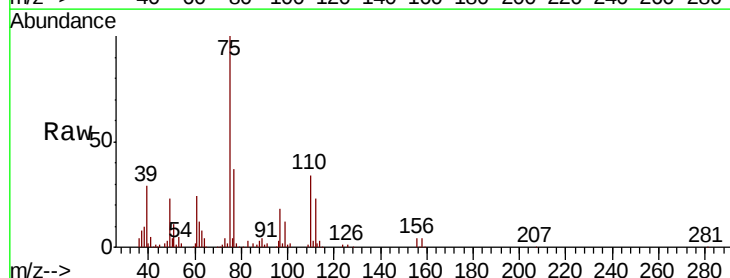
Acq: 17 Feb 2020 19:16

Tgt Ion: 75 Resp: 215946

Ion Ratio Lower Upper

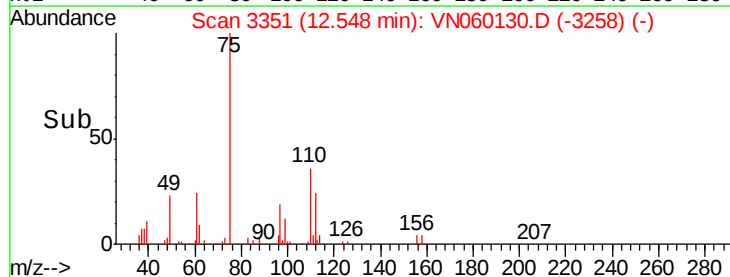
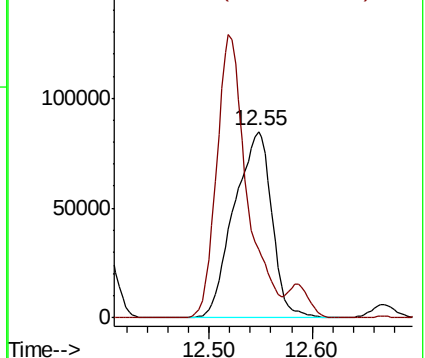
75 100

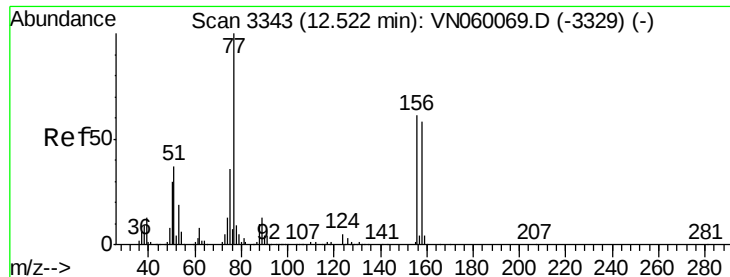
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060130.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060130.D (-3258) (-)





#77

Bromobenzene

Concen: 45.073 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

ClientSampled :

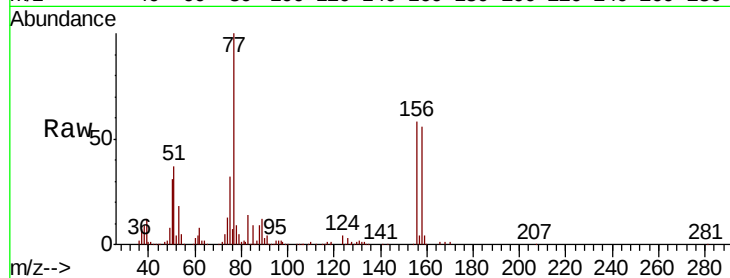
Tot Ion:156 Resp: 125600

Ion Ratio Lower Upper

156 100

77 209.1 98.7 296.1

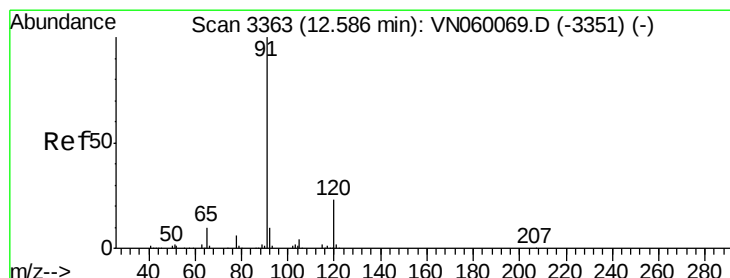
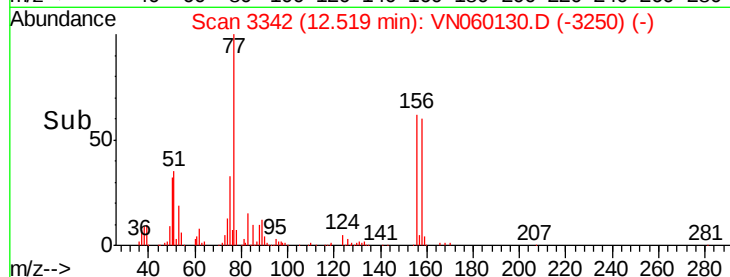
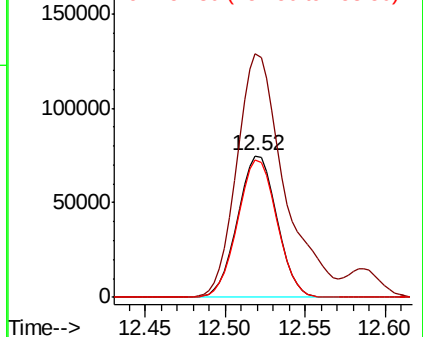
158 97.0 48.1 144.4



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



#78

n-propylbenzene

Concen: 46.790 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060130.D

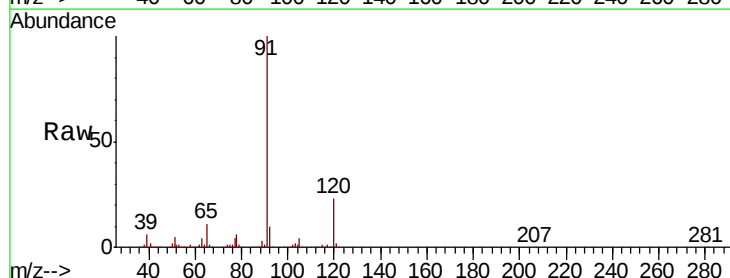
Acq: 17 Feb 2020 19:16

Tgt Ion: 91 Resp: 598592

Ion Ratio Lower Upper

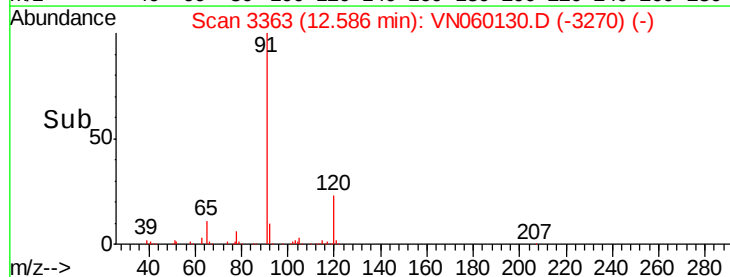
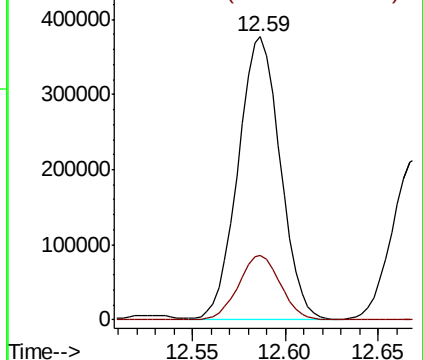
91 100

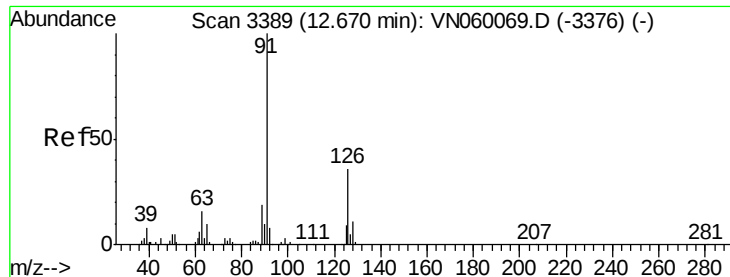
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.632 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

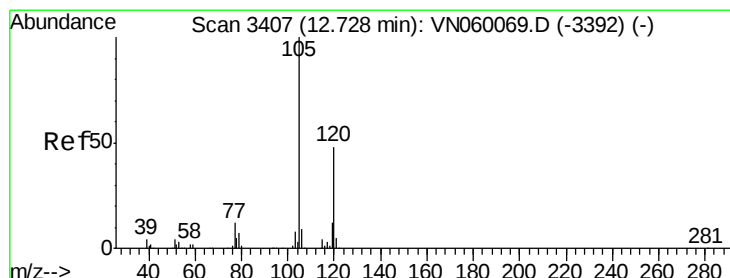
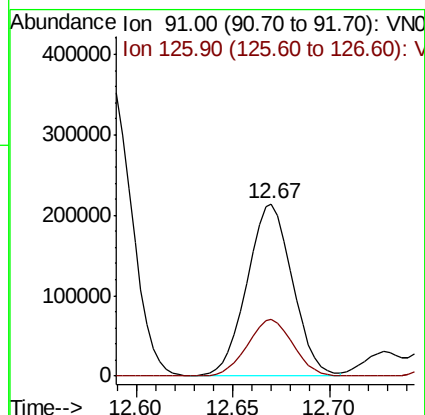
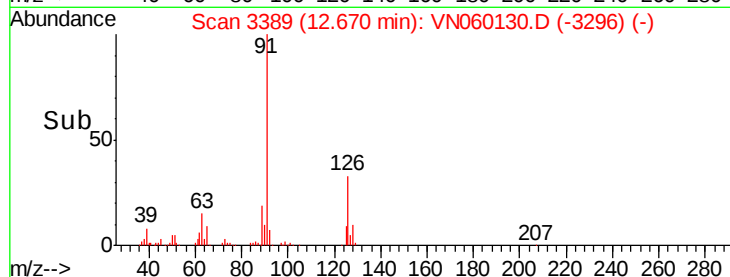
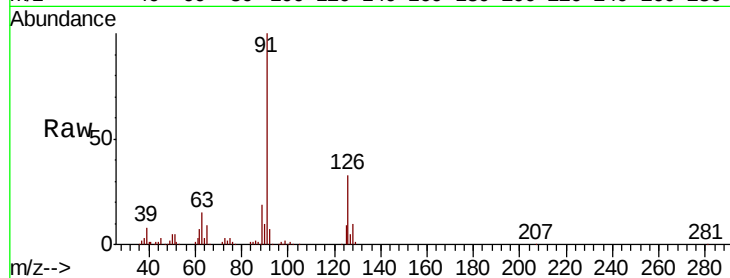
ClientSampled :

Tot Ion: 91 Resp: 350648

Ion Ratio Lower Upper

91 100

126 33.0 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 46.663 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060130.D

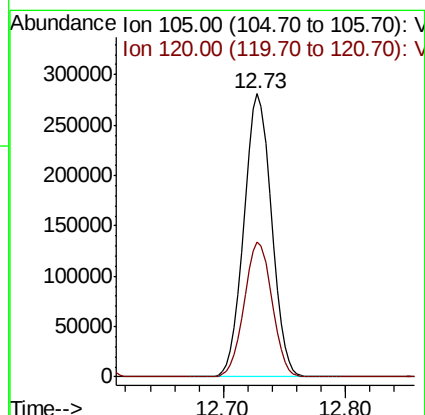
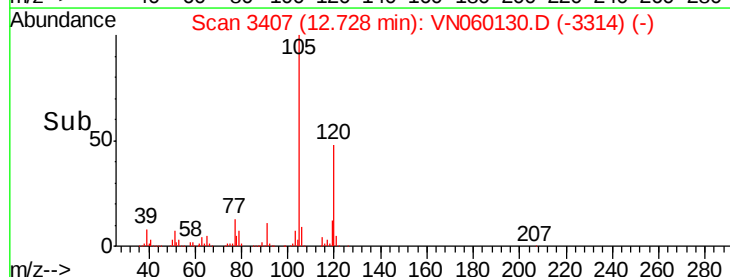
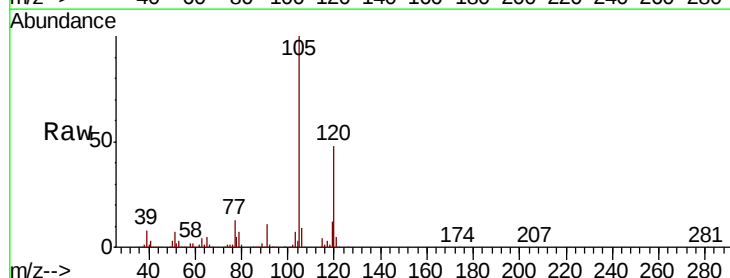
Acq: 17 Feb 2020 19:16

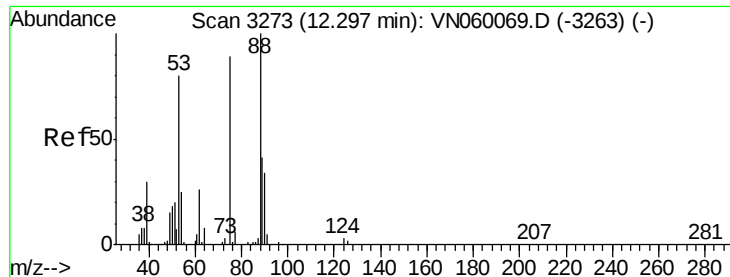
Tgt Ion: 105 Resp: 435651

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 50.997 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

ClientSampleId :

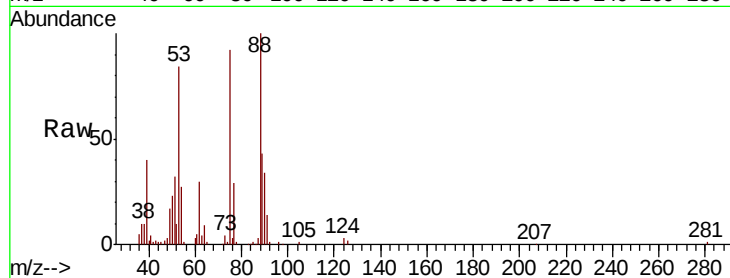
Tot Ion: 75 Resp: 59919

Ion Ratio Lower Upper

75 100

53 94.0 73.9 110.9

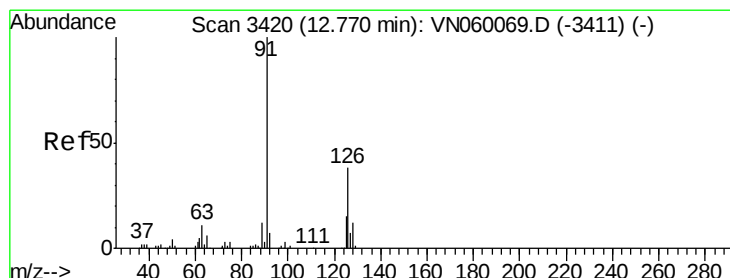
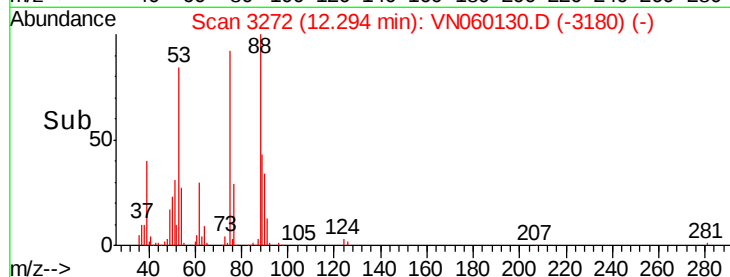
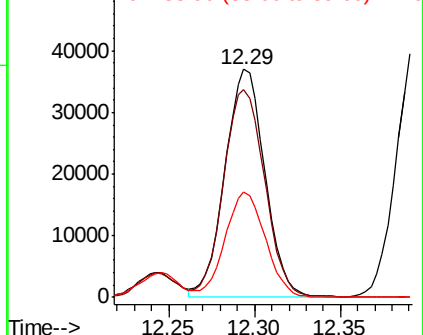
89 46.5 37.0 55.4



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: 46.489 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060130.D

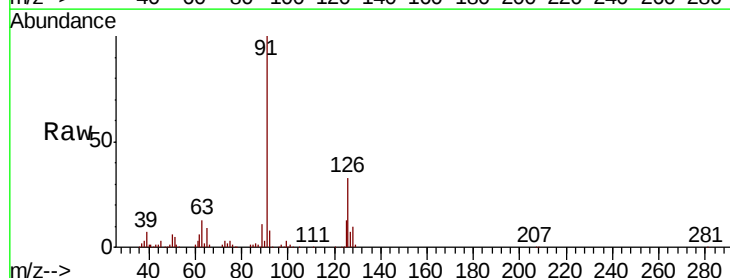
Acq: 17 Feb 2020 19:16

Tgt Ion: 91 Resp: 358648

Ion Ratio Lower Upper

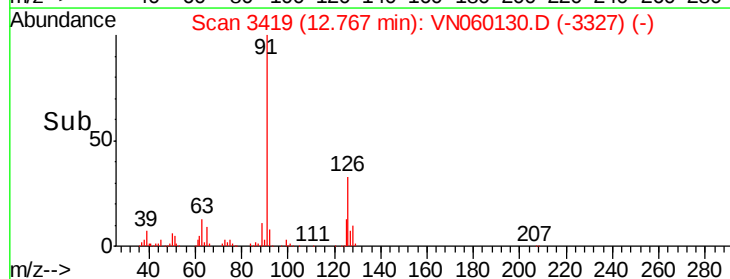
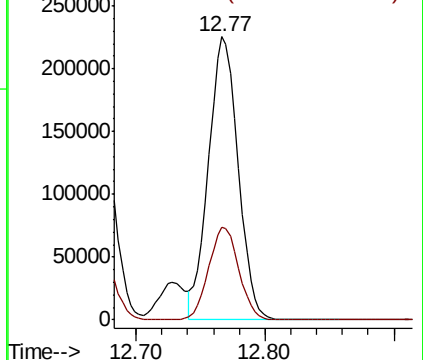
91 100

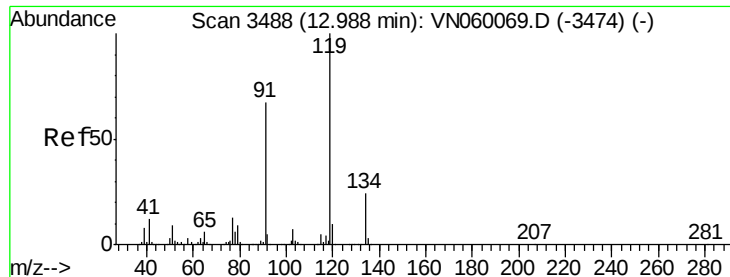
126 33.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

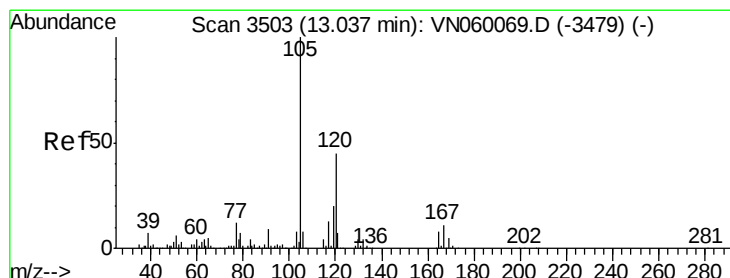
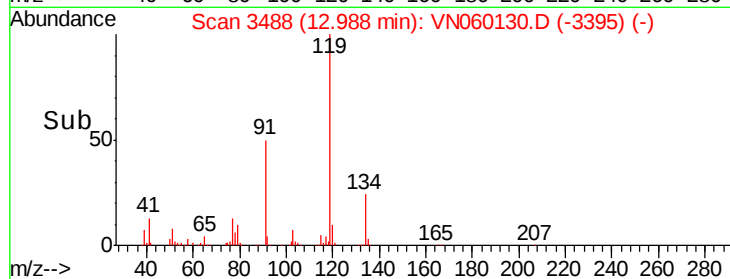
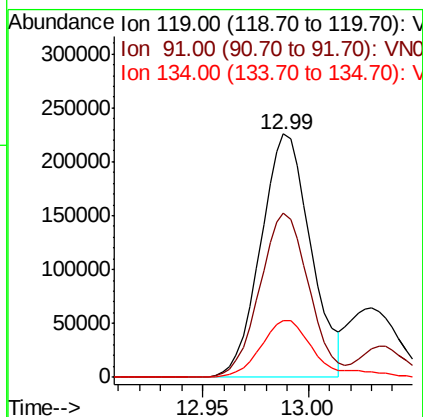
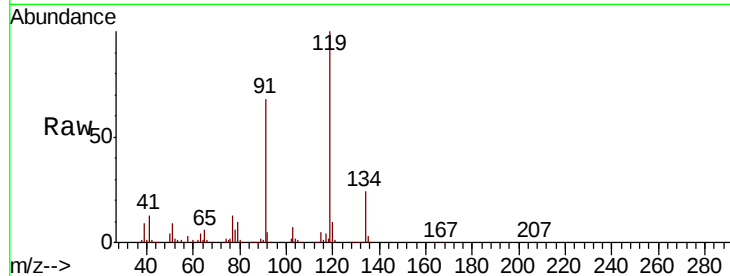




#83
 tert-Butylbenzene
 Concen: 45.068 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

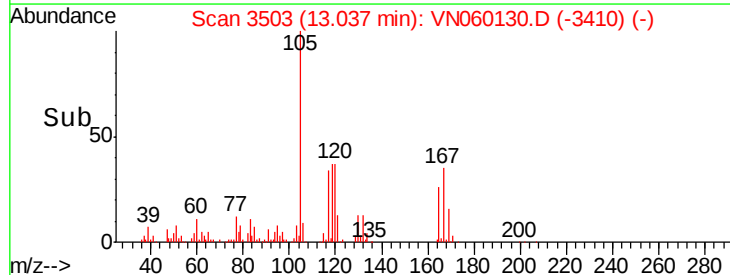
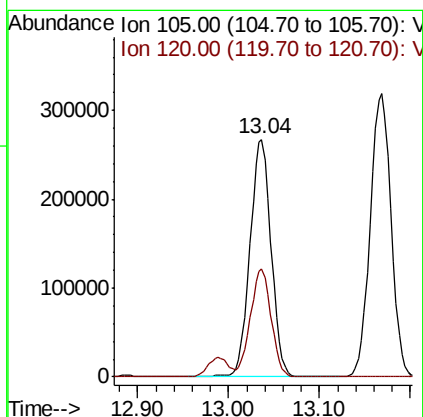
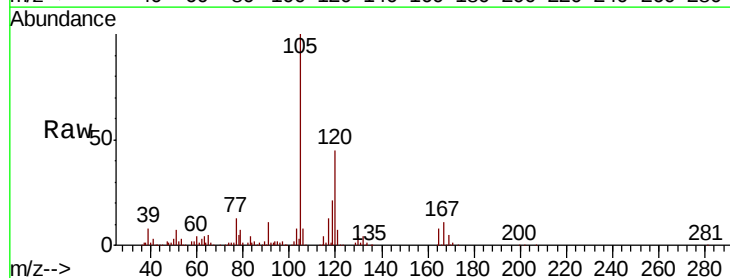
Instrument :
 MSVOA_N
 ClientSampled :

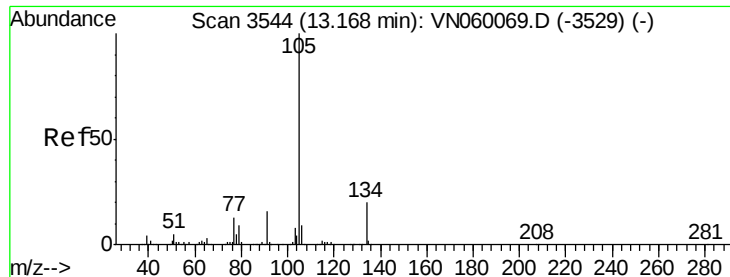
Tot Ion:119 Resp: 372214
 Ion Ratio Lower Upper
 119 100
 91 66.3 32.7 98.1
 134 25.2 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 46.684 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Tgt Ion:105 Resp: 430241
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 46.262 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

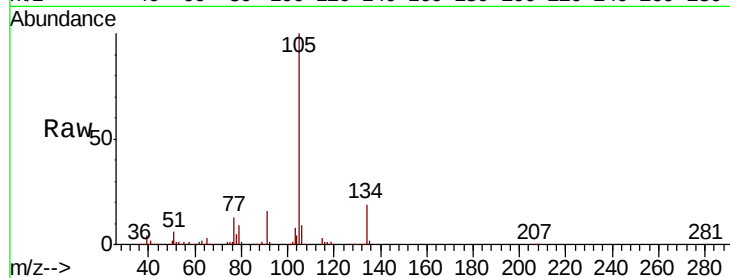
ClientSampleId :

Tot Ion:105 Resp: 506008

Ion Ratio Lower Upper

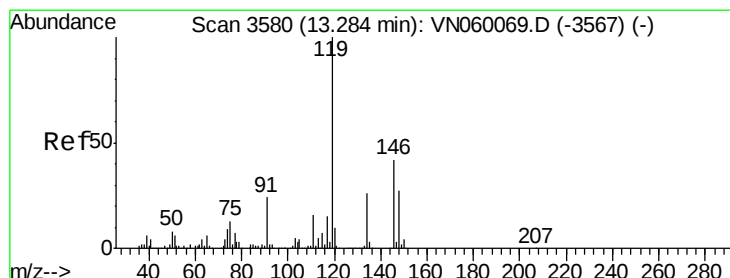
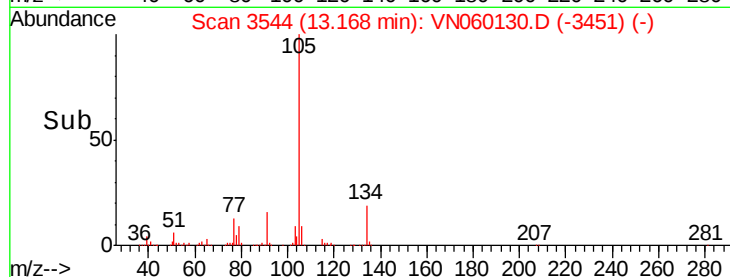
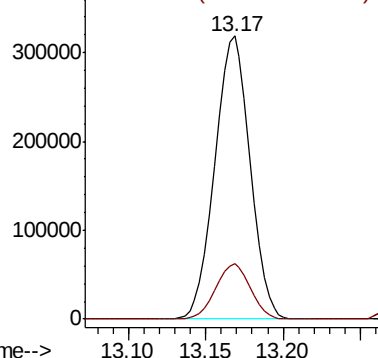
105 100

134 19.3 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.034 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

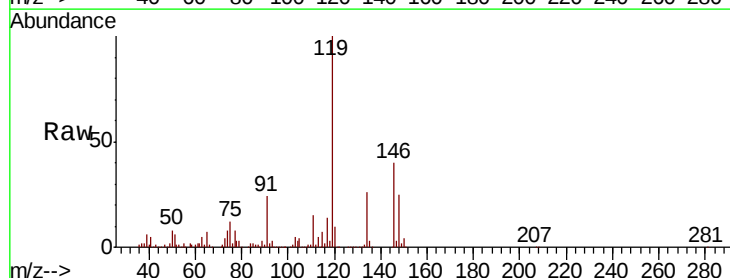
Tgt Ion:119 Resp: 456198

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

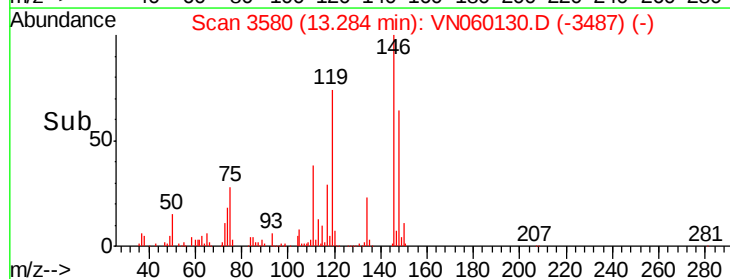
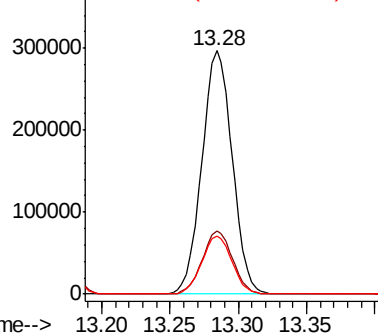
91 24.1 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 45.797 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

ClientSampleId :

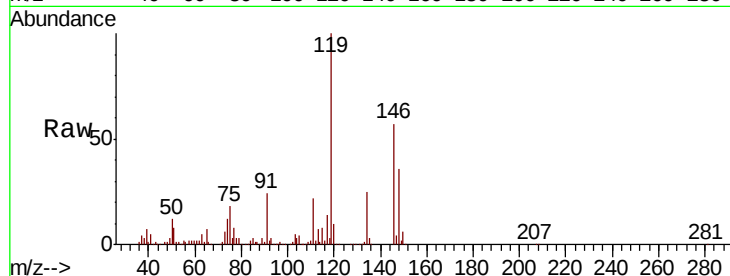
Tot Ion:146 Resp: 225900

Ion Ratio Lower Upper

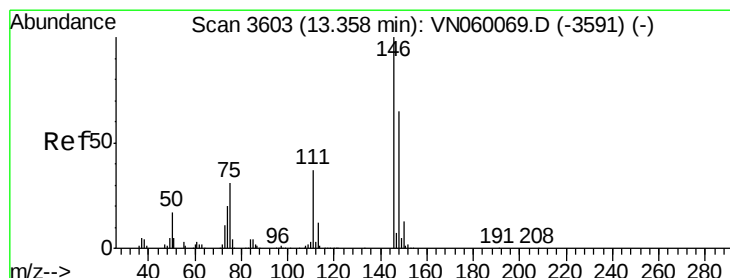
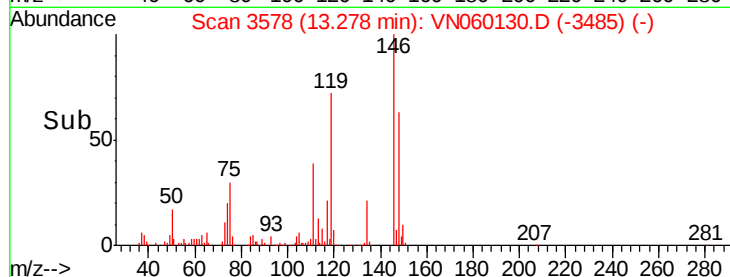
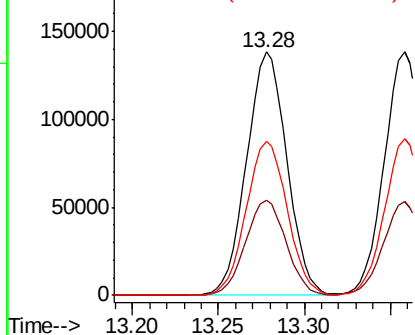
146 100

111 39.3 19.8 59.3

148 64.3 32.0 96.2



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



#88

1,4-Dichlorobenzene

Concen: 45.780 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

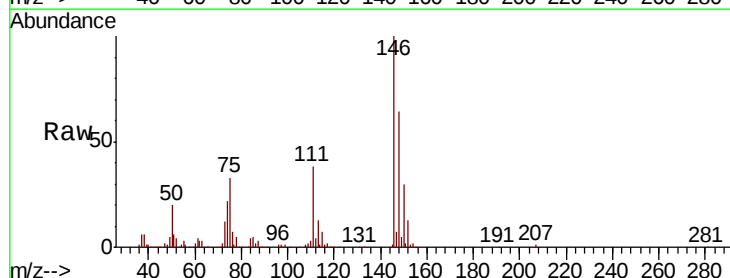
Tgt Ion:146 Resp: 225774

Ion Ratio Lower Upper

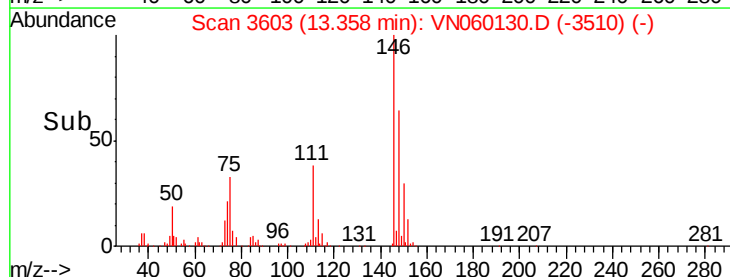
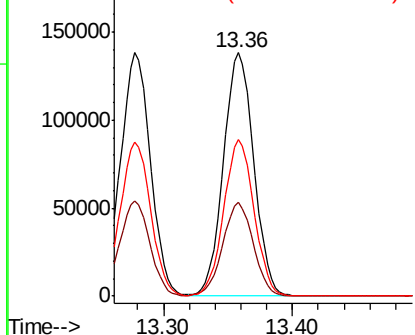
146 100

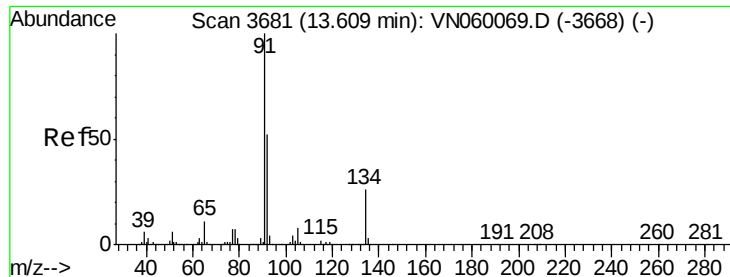
111 38.9 18.9 56.5

148 64.2 32.0 96.0



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

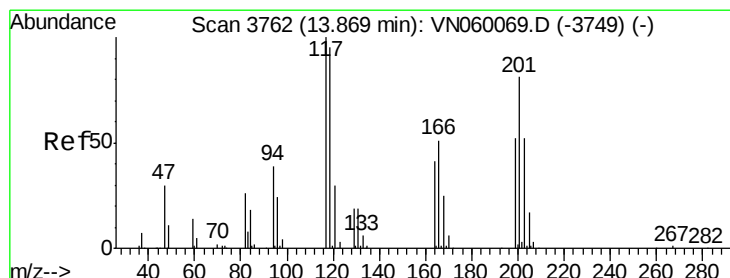
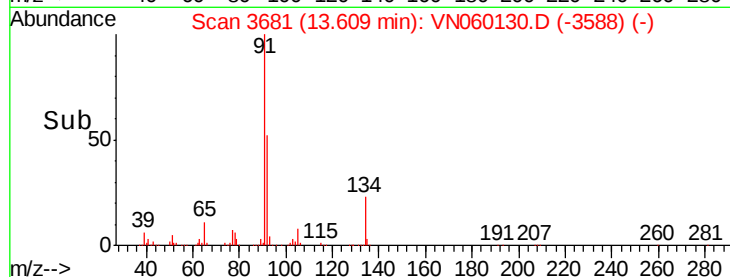
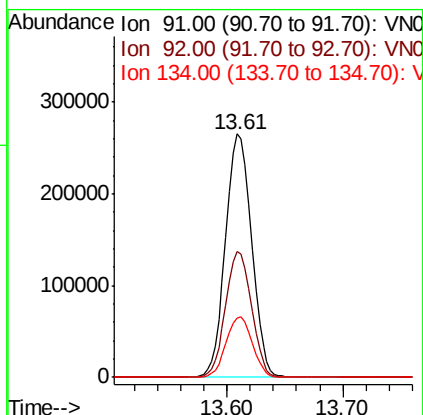
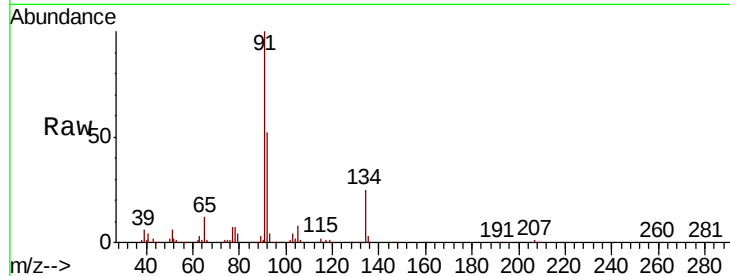




#89
n-Butylbenzene
Concen: 47.317 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

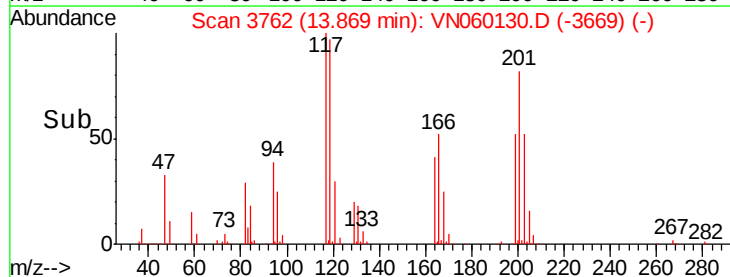
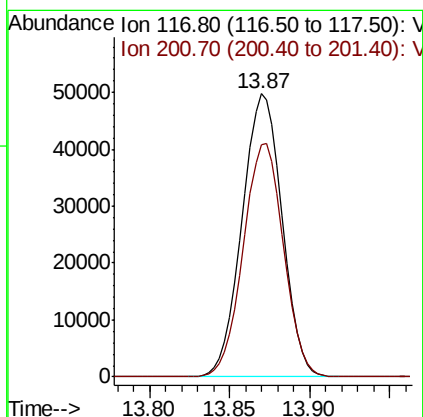
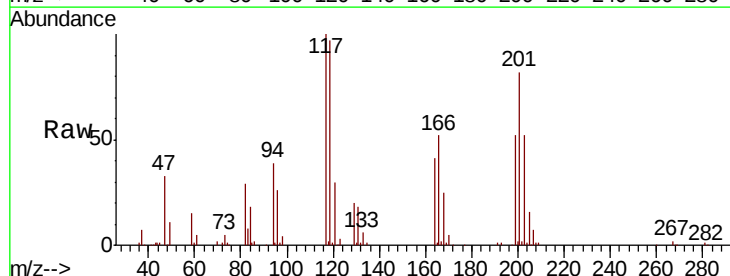
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 412434
Ion Ratio Lower Upper
91 100
92 51.4 26.1 78.2
134 25.0 13.1 39.3



#90
Hexachloroethane
Concen: 45.810 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060130.D
Acq: 17 Feb 2020 19:16

Tgt Ion: 117 Resp: 84811
Ion Ratio Lower Upper
117 100
201 83.0 41.7 125.1





#91

1,2-Dichlorobenzene

Concen: 45.094 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

ClientSampleId :

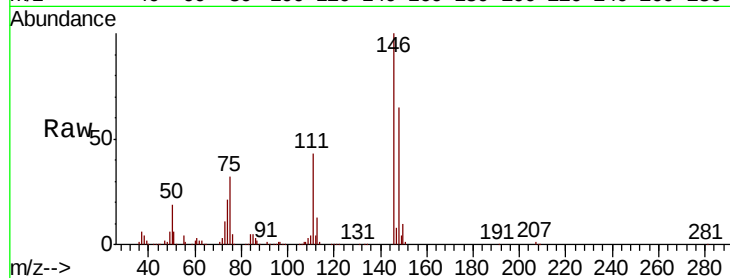
Tot Ion:146 Resp: 217681

Ion Ratio Lower Upper

146 100

111 42.0 20.1 60.2

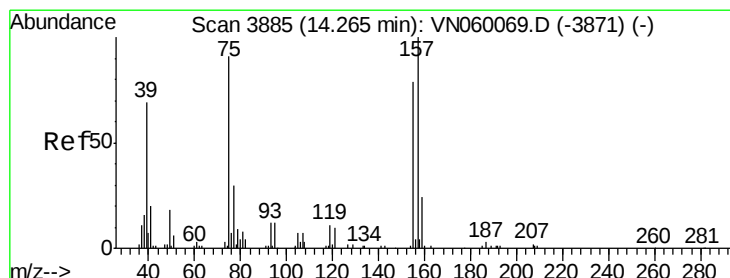
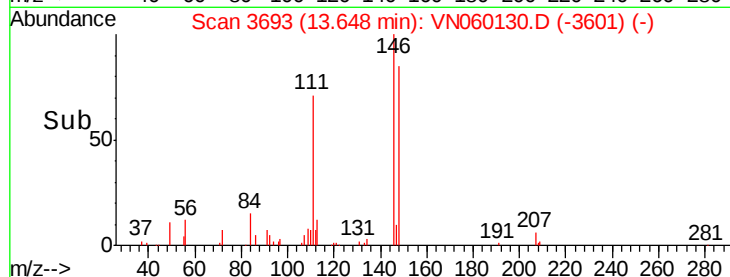
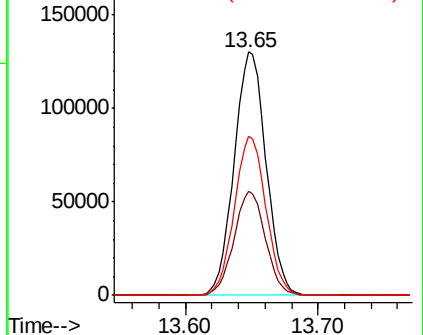
148 64.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.394 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

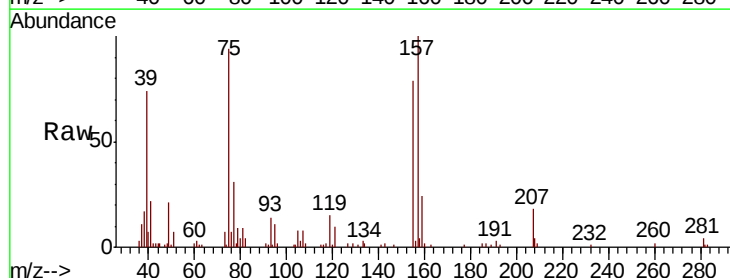
Tgt Ion: 75 Resp: 35304

Ion Ratio Lower Upper

75 100

155 81.4 43.0 129.0

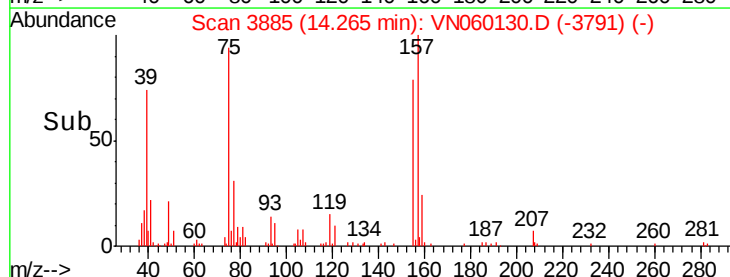
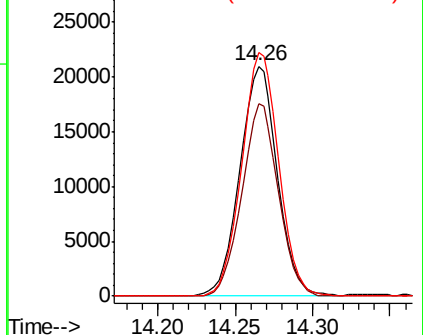
157 104.4 54.9 164.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

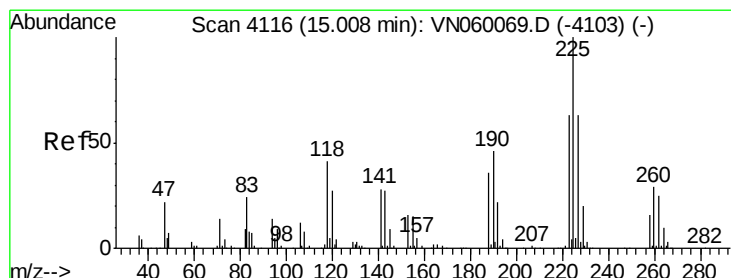
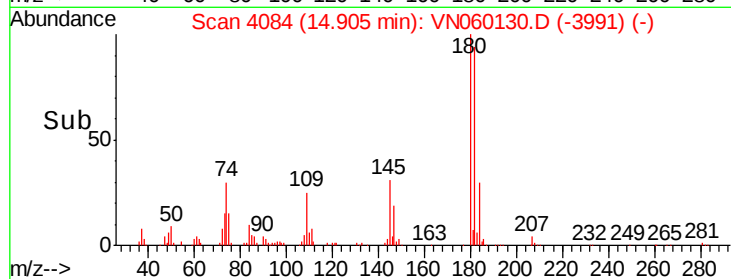
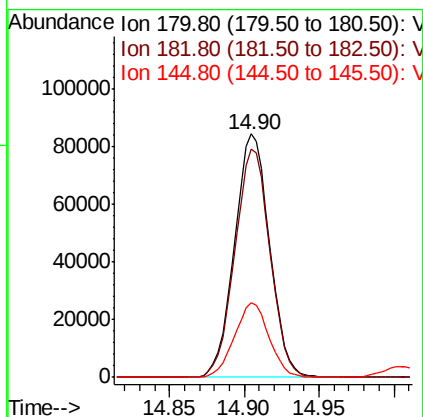
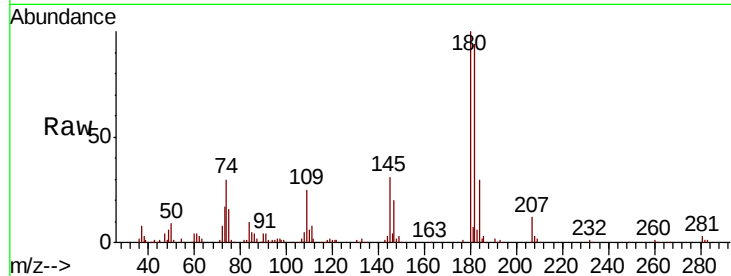




#93
 1,2,4-Trichlorobenzene
 Concen: 48.436 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

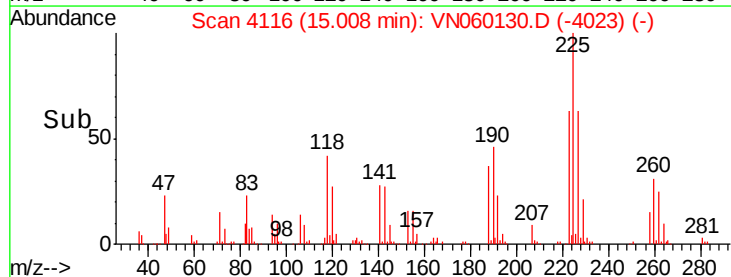
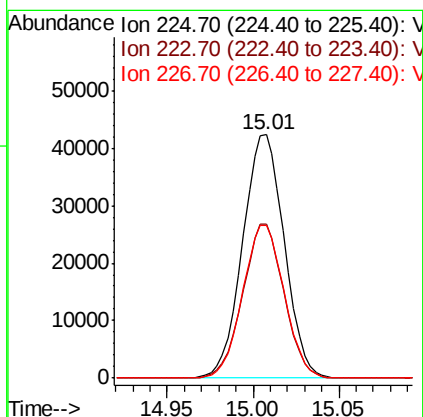
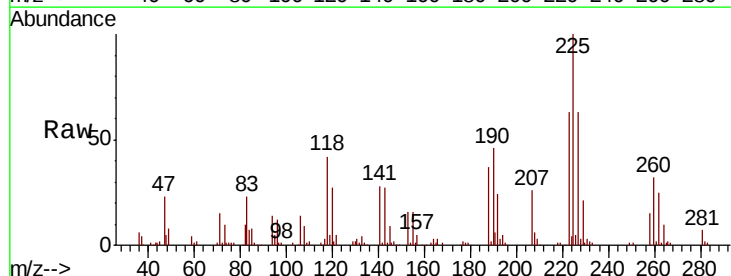
Instrument :
 MSVOA_N
 ClientSampled :

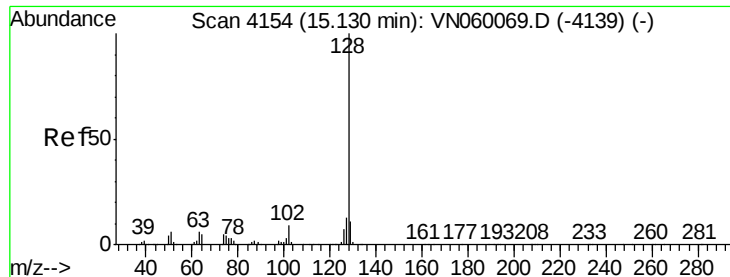
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.9	143.8
145	30.1	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 42.763 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060130.D
 Acq: 17 Feb 2020 19:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.5	94.5
227	62.8	31.8	95.4





#95

Naphthalene

Concen: 49.551 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

Instrument :

MSVOA_N

ClientSampled :

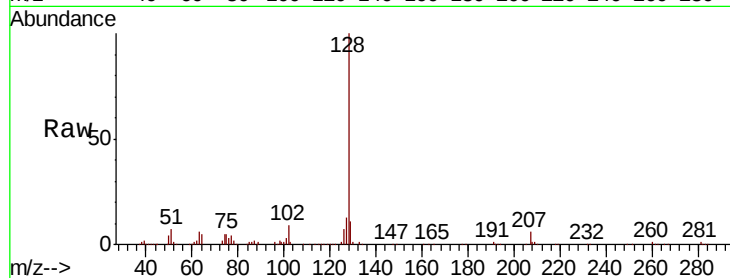
Tot Ion:128 Resp: 379657

Ion Ratio Lower Upper

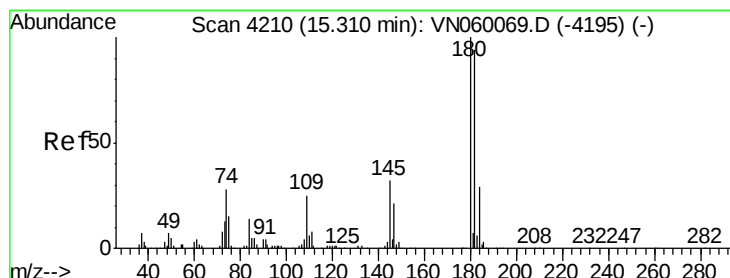
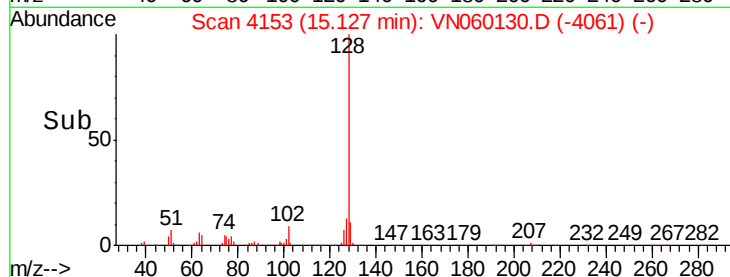
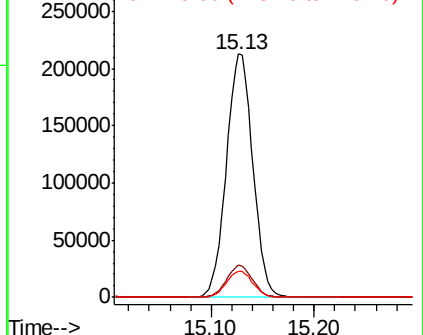
128 100

127 13.0 10.3 15.5

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.204 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN060130.D

Acq: 17 Feb 2020 19:16

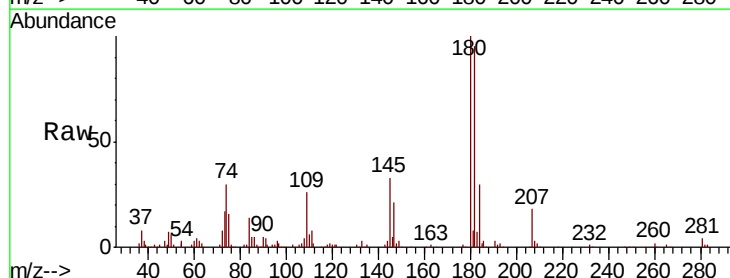
Tgt Ion:180 Resp: 130509

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 33.1 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

