

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060067.D
 Acq On : 12 Feb 2020 11:42
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 12 12:56:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 12:49:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	306245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129696	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	11901	5.08	ug/l	0.00
Spiked Amount			Recovery	=	10.16%	
35) Dibromofluoromethane	7.56	113	8786	4.81	ug/l	0.00
Spiked Amount			Recovery	=	9.62%	
50) Toluene-d8	10.08	98	35663	4.92	ug/l	0.00
Spiked Amount			Recovery	=	9.84%	
62) 4-Bromofluorobenzene	12.40	95	12782	4.91	ug/l	0.00
Spiked Amount			Recovery	=	9.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	8976	4.599	ug/l	100
3) Chloromethane	2.04	50	11219	4.745	ug/l	96
4) Vinyl Chloride	2.17	62	12811	4.775	ug/l	95
5) Bromomethane	2.54	94	8975	5.044	ug/l	99
6) Chloroethane	2.68	64	6568	4.866	ug/l	97
7) Trichlorofluoromethane	3.00	101	16975	4.919	ug/l	97
8) Diethyl Ether	3.39	74	5669	5.034	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	9486	4.946	ug/l	96
10) Methyl Iodide	3.93	142	8436	3.903	ug/l	95
11) Tert butyl alcohol	4.73	59	8064	23.507	ug/l #	91
12) 1,1-Dichloroethene	3.71	96	9080	4.948	ug/l	96
13) Acrolein	3.58	56	8047	24.285	ug/l	93
14) Allyl chloride	4.29	41	14163	5.178	ug/l	89
15) Acrylonitrile	4.95	53	20131	24.273	ug/l	98
16) Acetone	3.79	43	22009	25.183	ug/l	99
17) Carbon Disulfide	4.03	76	26193	4.689	ug/l	96
18) Methyl Acetate	4.29	43	9480	4.997	ug/l	94
19) Methyl tert-butyl Ether	5.01	73	29883	4.834	ug/l	97
20) Methylene Chloride	4.52	84	10106	4.868	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	10121	5.630	ug/l	97
22) Diisopropyl ether	5.91	45	27782	4.758	ug/l	95
23) Vinyl Acetate	5.86	43	112821	23.305	ug/l	99
24) 1,1-Dichloroethane	5.82	63	17677	4.902	ug/l	99
25) 2-Butanone	6.81	43	29173	23.206	ug/l	97
26) 2,2-Dichloropropane	6.80	77	16694	4.859	ug/l	84
27) cis-1,2-Dichloroethene	6.80	96	11359	5.452	ug/l	99
28) Bromochloromethane	7.17	49	6756	5.361	ug/l #	95
29) Tetrahydrofuran	7.18	42	18907	24.328	ug/l	98
30) Chloroform	7.35	83	18399	4.867	ug/l	100
31) Cyclohexane	7.63	56	19315	5.593	ug/l #	84
32) 1,1,1-Trichloroethane	7.54	97	16520	4.795	ug/l	99
36) 1,1-Dichloropropene	7.77	75	13417	4.733	ug/l	99
37) Ethyl Acetate	6.90	43	13230	5.315	ug/l #	95
38) Carbon Tetrachloride	7.75	117	14677	4.772	ug/l	92

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 Acq On : 12 Feb 2020 11:42
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 12 12:56:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 12:49:56 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	16622	4.732	ug/l	97
40) Benzene	8.02	78	40757	4.809	ug/l	95
41) Methacrylonitrile	7.18	41	17710	10.846	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	14180	4.832	ug/l	98
43) Isopropyl Acetate	8.14	43	20926	4.898	ug/l #	90
44) Trichloroethene	8.81	130	11496	4.889	ug/l	98
45) 1,2-Dichloropropane	9.10	63	10124	4.870	ug/l	99
46) Dibromomethane	9.19	93	7158	4.900	ug/l	99
47) Bromodichloromethane	9.38	83	14200	4.791	ug/l	98
48) Methyl methacrylate	9.18	41	8600	4.540	ug/l	95
49) 1,4-Dioxane	9.18	88	2969	93.407	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	57855	23.552	ug/l	98
52) Toluene	10.14	92	25605	4.788	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	15824	4.826	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	16801	4.794	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	9994	4.758	ug/l	95
56) Ethyl methacrylate	10.42	69	12413	4.442	ug/l	96
57) 1,3-Dichloropropane	10.70	76	16660	4.797	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.68	63	33812	25.662	ug/l	100
59) 2-Hexanone	10.74	43	42273	22.561	ug/l	99
60) Dibromochloromethane	10.89	129	10955	4.661	ug/l	97
61) 1,2-Dibromoethane	10.99	107	10208	4.727	ug/l	99
64) Tetrachloroethene	10.62	164	10572	4.765	ug/l	98
65) Chlorobenzene	11.43	112	27850	4.811	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	10636	4.909	ug/l	99
67) Ethyl Benzene	11.50	91	49508	4.754	ug/l	99
68) m/p-Xylenes	11.62	106	36881	9.517	ug/l	100
69) o-Xylene	11.94	106	18037	4.843	ug/l	98
70) Styrene	11.96	104	27060	4.684	ug/l	99
71) Bromoform	12.12	173	7535	4.530	ug/l #	100
73) Isopropylbenzene	12.25	105	47057	4.744	ug/l	97
74) N-amyl acetate	12.07	43	15271	4.513	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	13482	4.801	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	18320	5.197	ug/l #	100
77) Bromobenzene	12.52	156	12052	4.936	ug/l	99
78) n-propylbenzene	12.59	91	53426	4.748	ug/l	99
79) 2-Chlorotoluene	12.67	91	31944	4.810	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	39387	4.811	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	4645	4.766	ug/l	98
82) 4-Chlorotoluene	12.77	91	31870	4.739	ug/l	99
83) tert-Butylbenzene	12.99	119	35873	4.873	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	38717	4.838	ug/l	100
85) sec-Butylbenzene	13.17	105	45692	4.745	ug/l	99
86) p-Isopropyltoluene	13.29	119	41771	4.843	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	20466	4.799	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	20193	4.773	ug/l	91
89) n-Butylbenzene	13.61	91	34828	4.662	ug/l	99
90) Hexachloroethane	13.87	117	7880	4.912	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	20199	4.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	3073	4.576	ug/l	86

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 12:49:56 2020
Response via : Initial Calibration

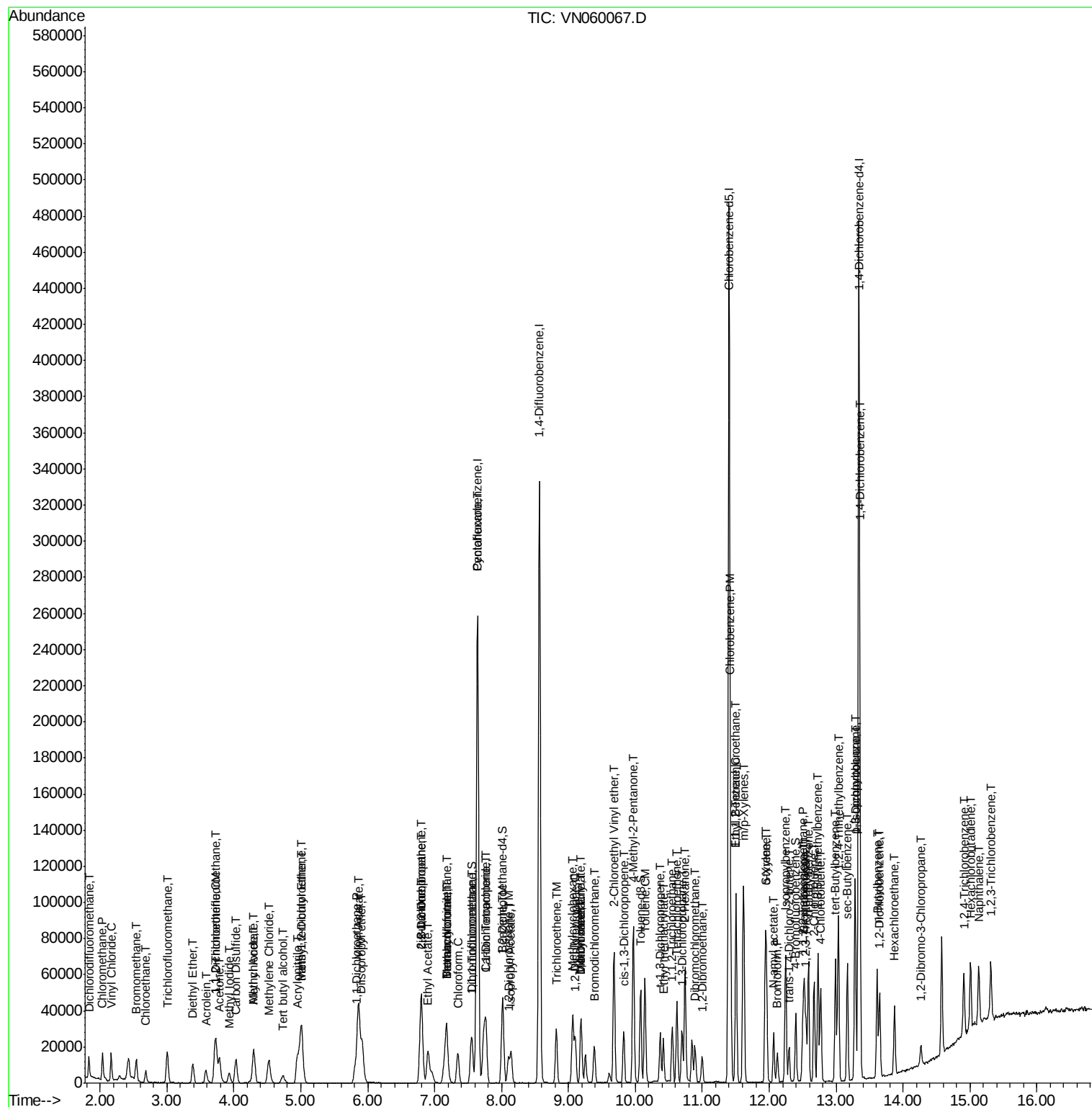
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	10697	4.544	ug/l	99
94) Hexachlorobutadiene	15.01	225	7335	4.940	ug/l	97
95) Naphthalene	15.13	128	28079	4.519	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	10881	4.567	ug/l	97

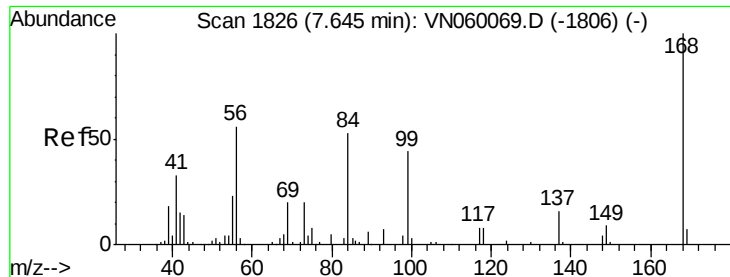
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021220\
Data File : VN060067.D
Acq On : 12 Feb 2020 11:42
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 12 12:56:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 12:49:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

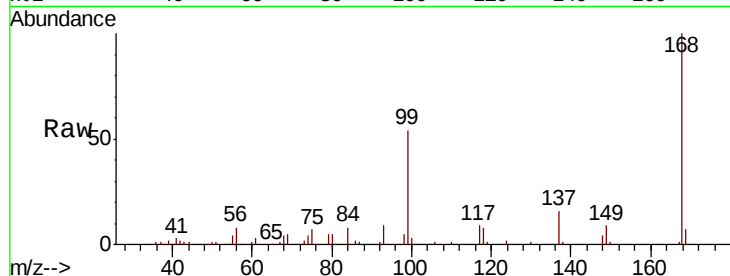
ClientSampled :

Tot Ion:168 Resp: 195565

Ion Ratio Lower Upper

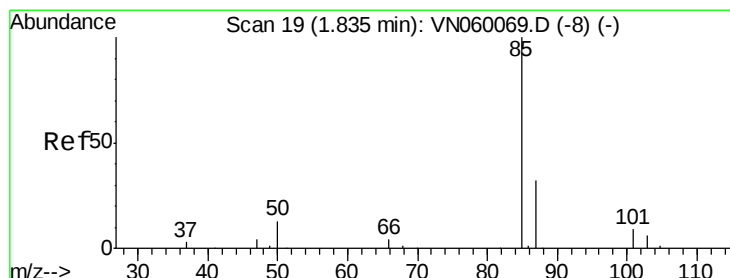
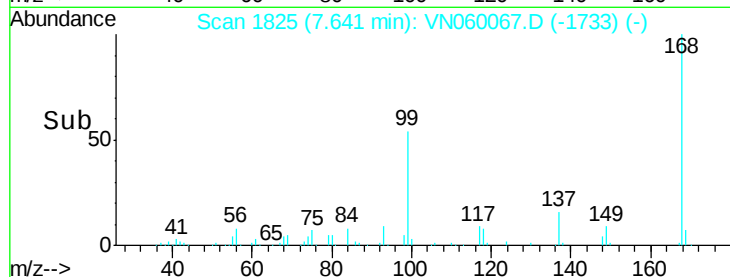
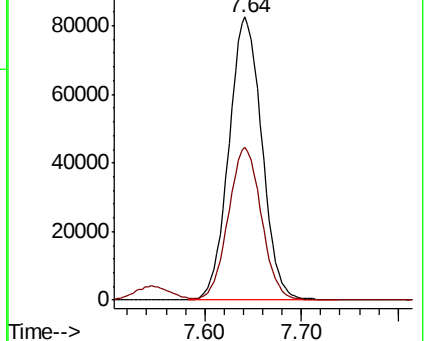
168 100

99 53.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 4.599 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060067.D

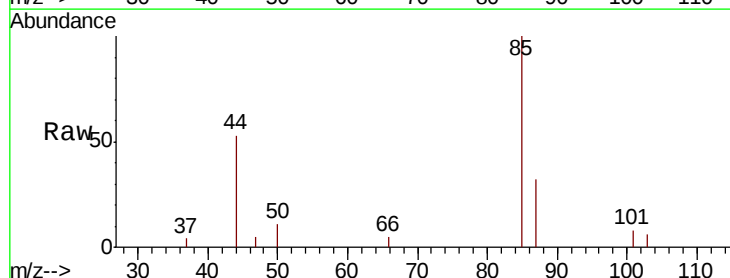
Acq: 12 Feb 2020 11:42

Tgt Ion: 85 Resp: 8976

Ion Ratio Lower Upper

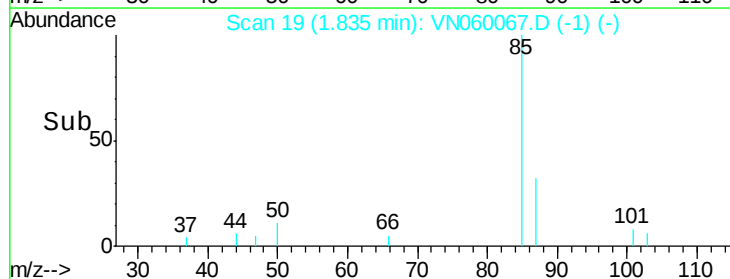
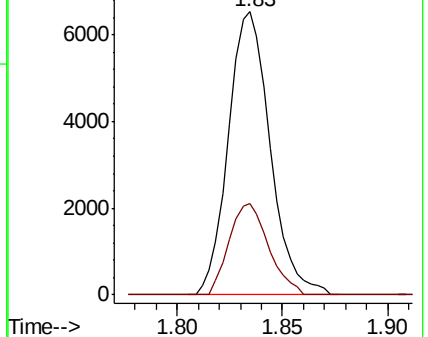
85 100

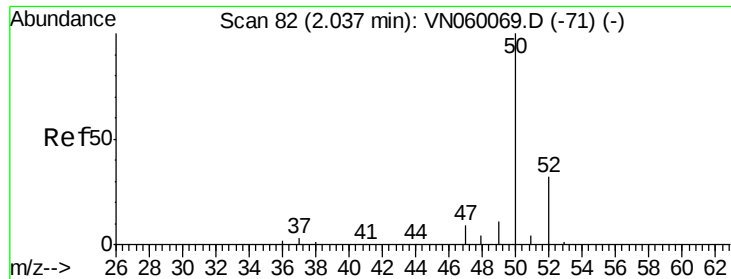
87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

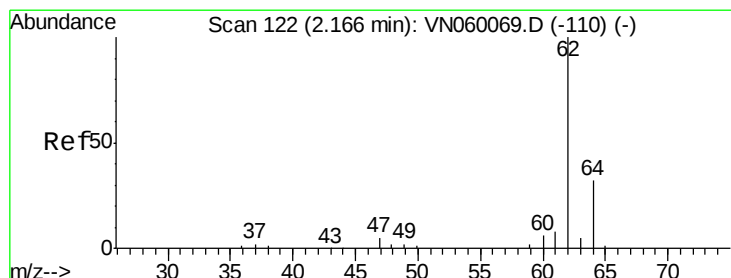
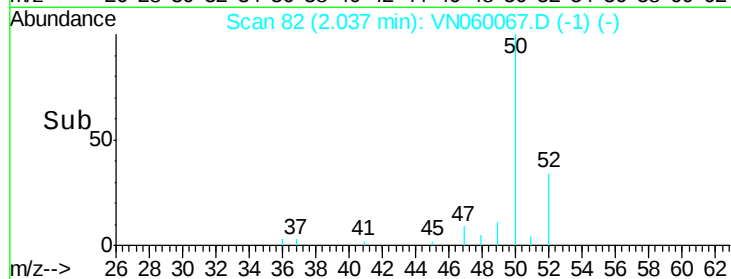
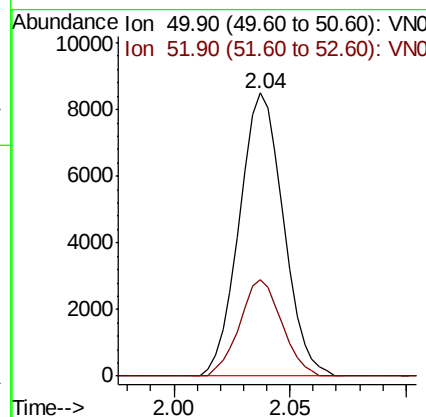
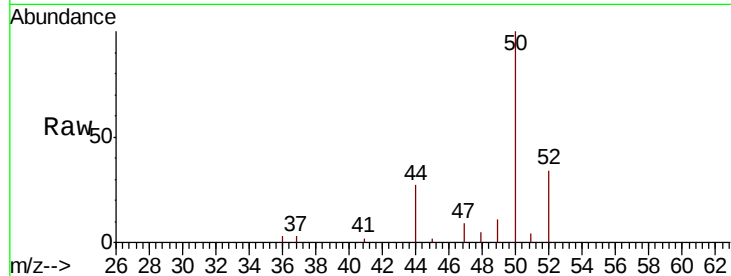




#3
Chloromethane
Concen: 4.745 ug/l
RT: 2.04 min Scan# 82
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

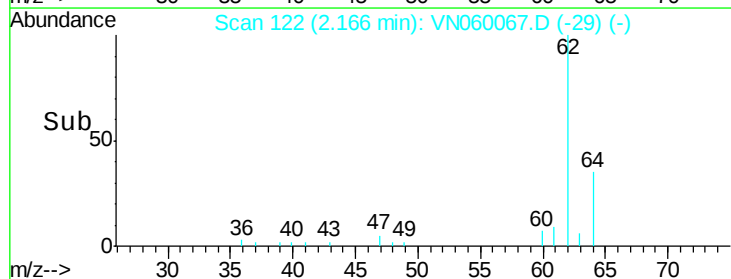
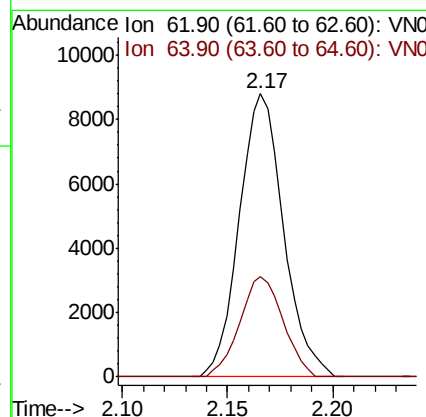
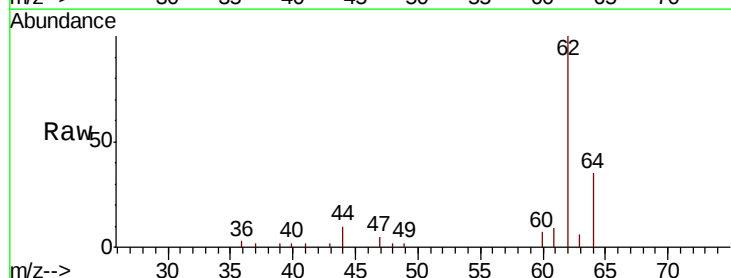
Instrument :
MSVOA_N
ClientSampleId :

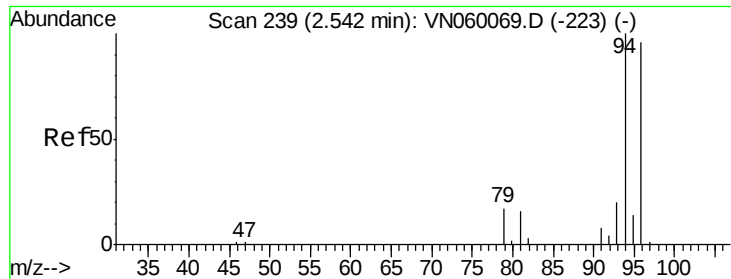
Tot Ion: 50 Resp: 11219
Ion Ratio Lower Upper
50 100
52 34.2 25.6 38.4



#4
Vinyl Chloride
Concen: 4.775 ug/l
RT: 2.17 min Scan# 122
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 62 Resp: 12811
Ion Ratio Lower Upper
62 100
64 35.4 25.9 38.9





#5

Bromomethane

Concen: 5.044 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

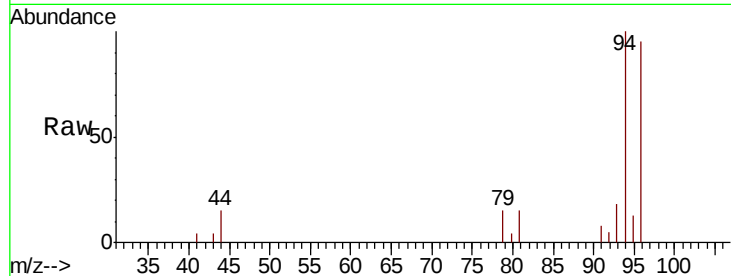
ClientSampled :

Tot Ion: 94 Resp: 8975

Ion Ratio Lower Upper

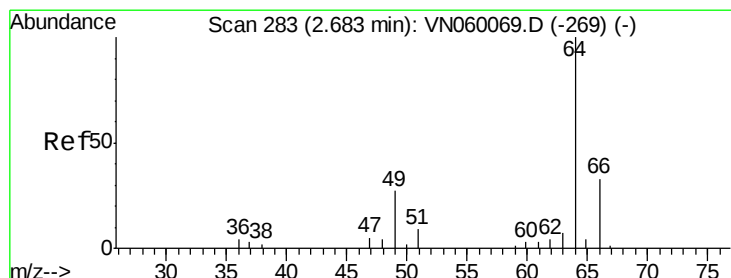
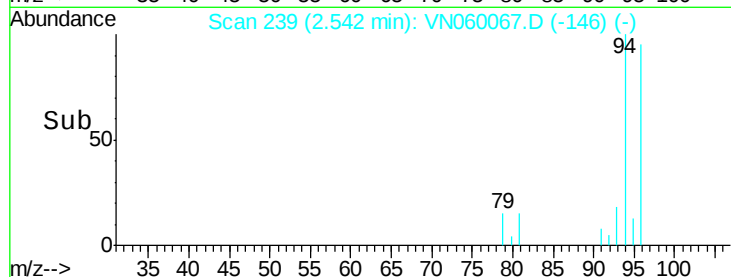
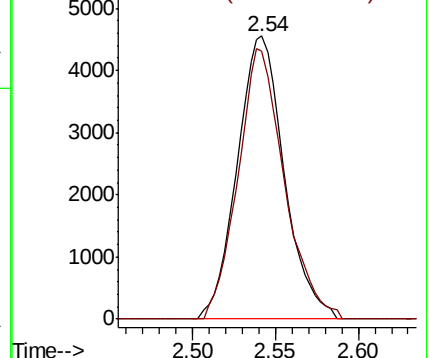
94 100

96 94.6 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN060069.D

Ion 95.90 (95.60 to 96.60): VN060069.D



#6

Chloroethane

Concen: 4.866 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060067.D

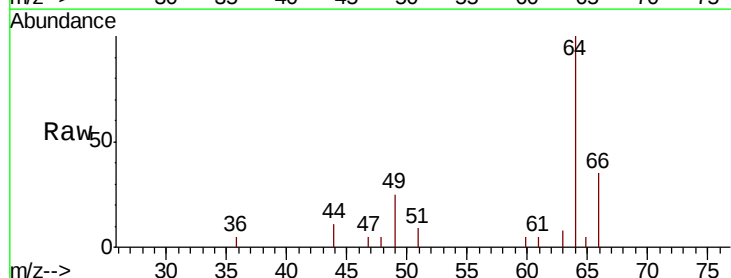
Acq: 12 Feb 2020 11:42

Tgt Ion: 64 Resp: 6568

Ion Ratio Lower Upper

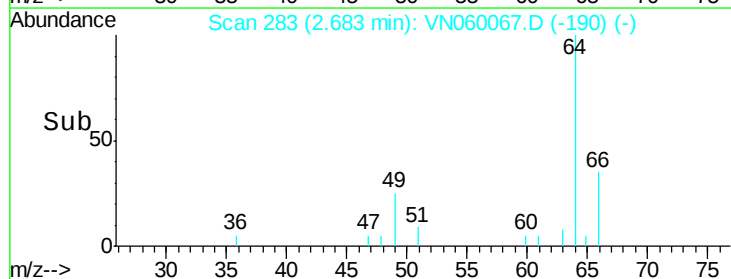
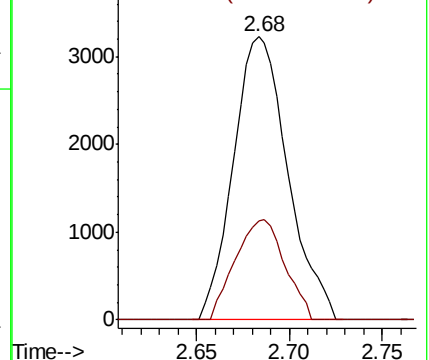
64 100

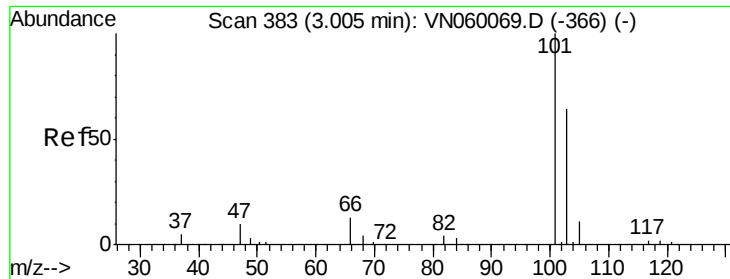
66 34.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN060069.D

Ion 65.90 (65.60 to 66.60): VN060069.D



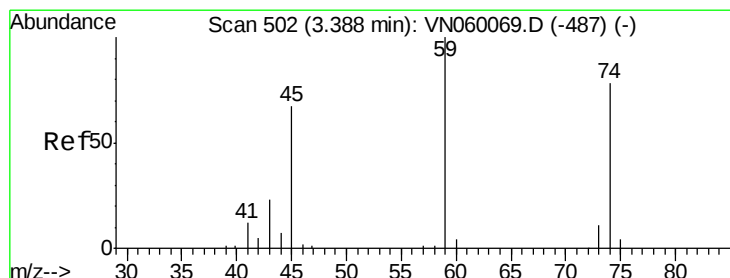
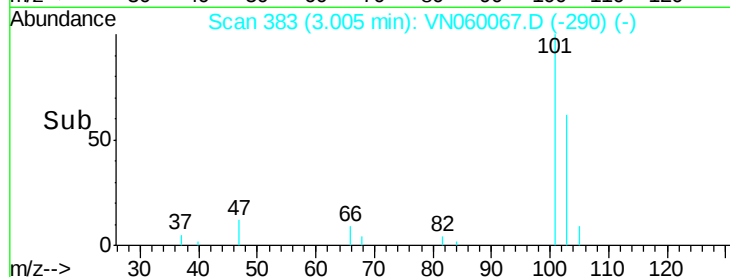
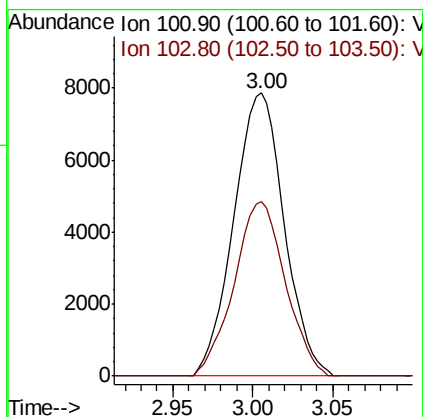
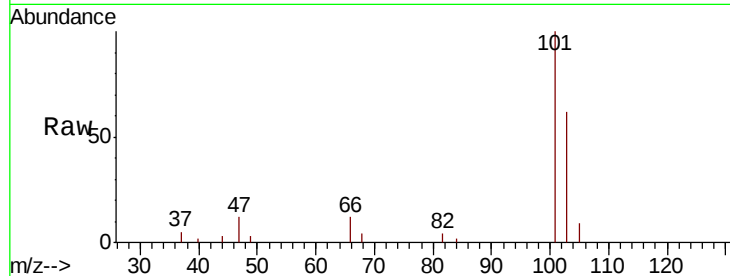


#7

Trichlorofluoromethane
 Concen: 4.919 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

Instrument :
 MSVOA_N
 ClientSampled :

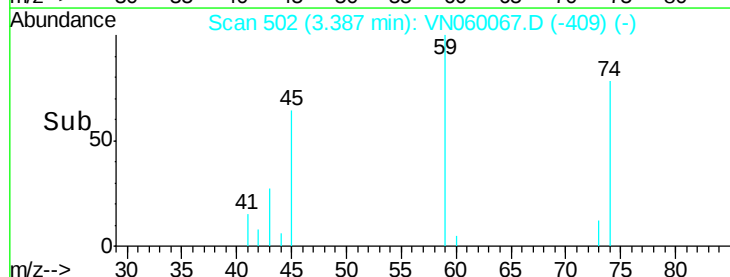
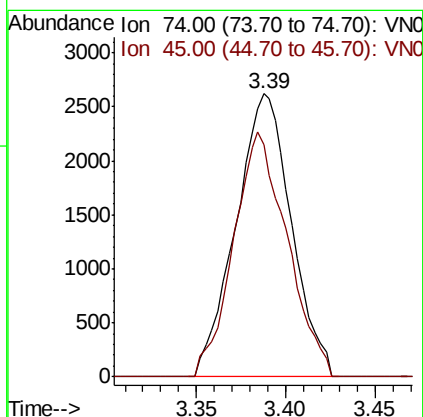
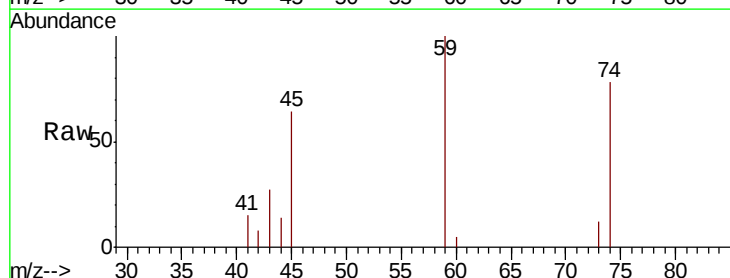
Tot Ion:101 Resp: 16975
 Ion Ratio Lower Upper
 101 100
 103 61.5 51.0 76.6

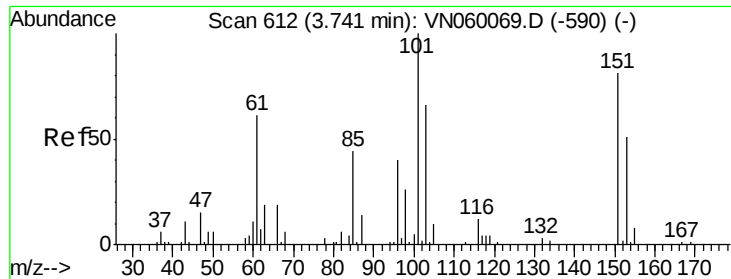


#8

Diethyl Ether
 Concen: 5.034 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

Tgt Ion: 74 Resp: 5669
 Ion Ratio Lower Upper
 74 100
 45 83.8 44.7 134.1

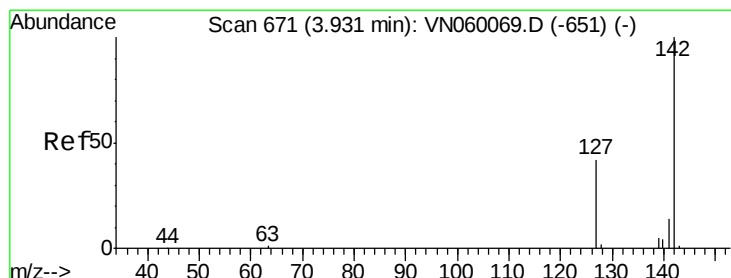
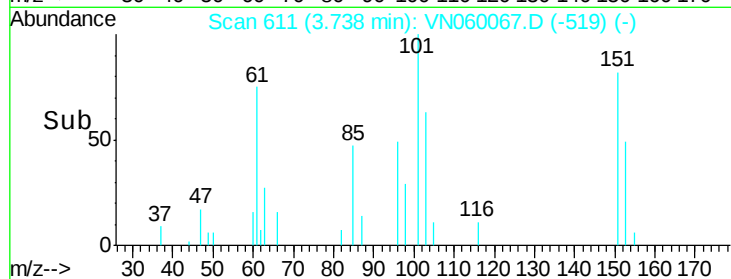
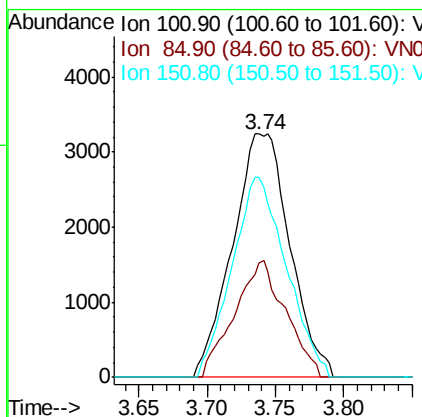
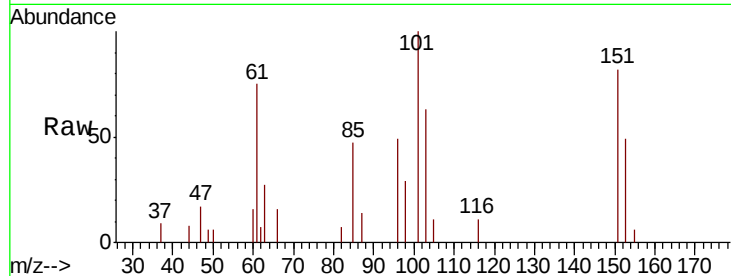




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.946 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

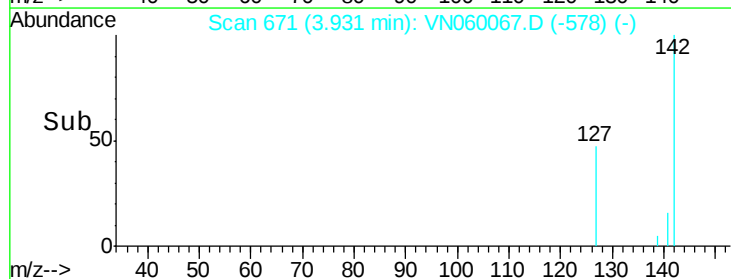
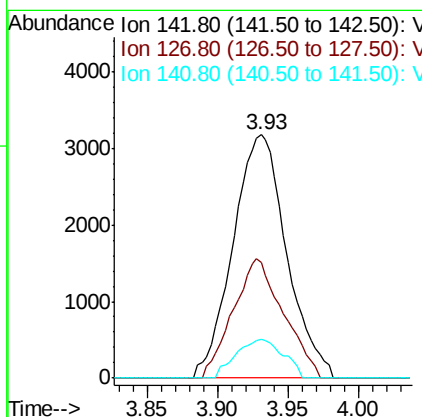
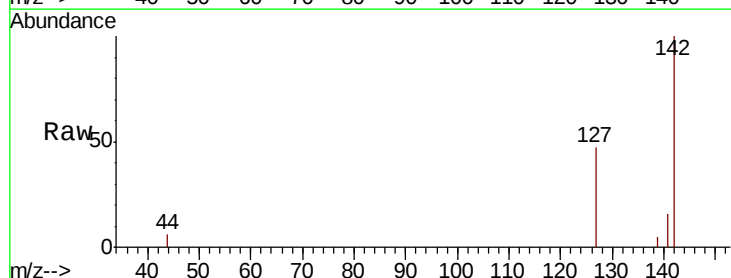
Instrument :
 MSVOA_N
 ClientSampled :

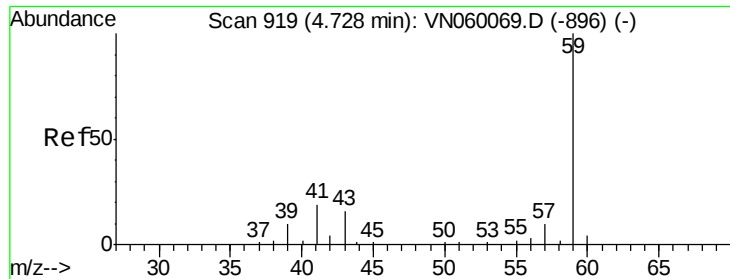
Tot Ion:101 Resp: 9486
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.1 52.7
 151 77.9 65.8 98.6



#10
 Methyl Iodide
 Concen: 3.903 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

Tgt Ion:142 Resp: 8436
 Ion Ratio Lower Upper
 142 100
 127 45.9 33.6 50.4
 141 14.0 11.4 17.2

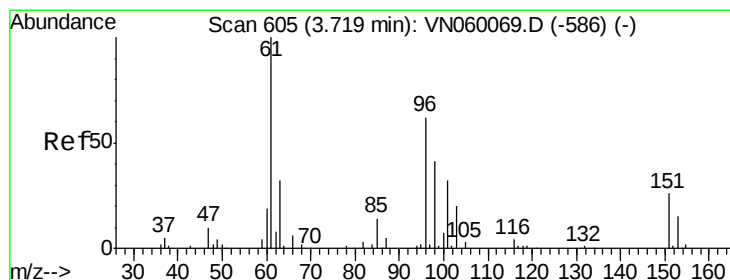
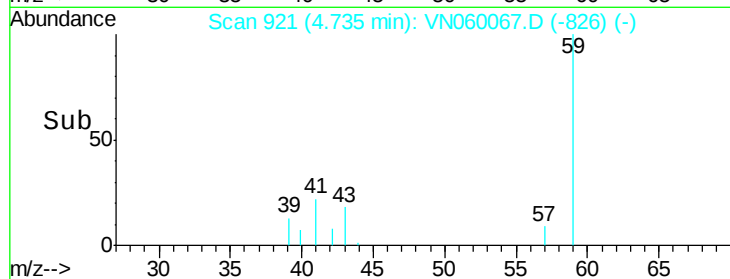
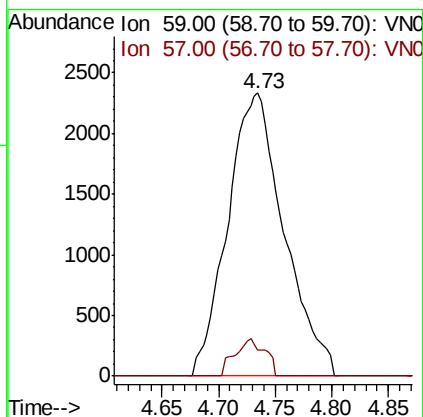
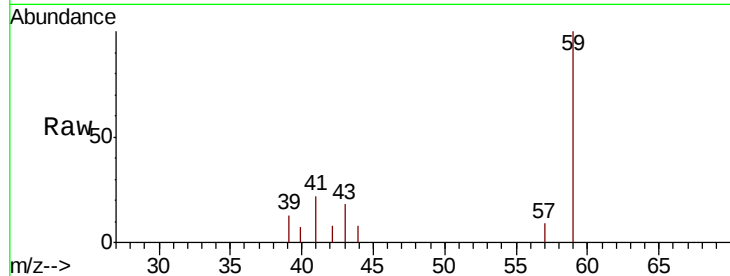




#11
Tert butyl alcohol
Concen: 23.507 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.01 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

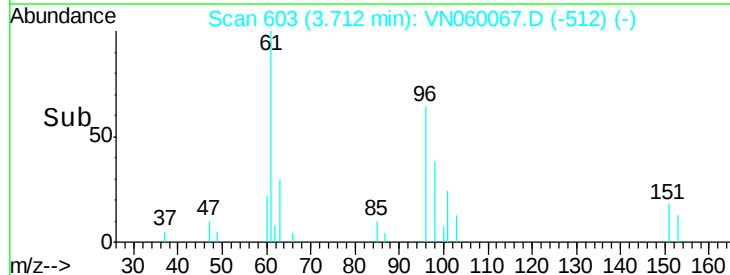
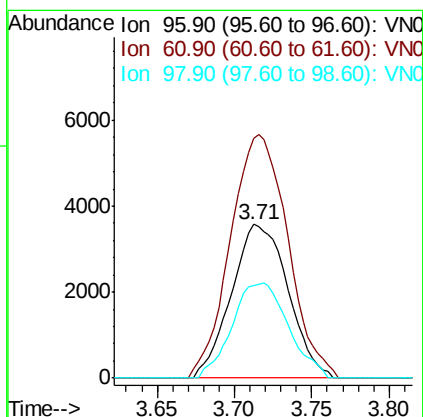
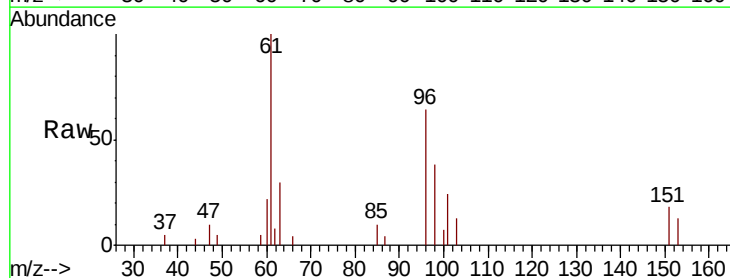
Instrument :
MSVOA_N
ClientSampled :

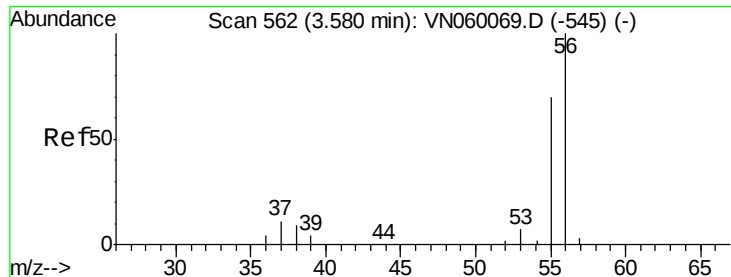
Tot Ion: 59 Resp: 8064
Ion Ratio Lower Upper
59 100
57 7.1 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 4.948 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.01 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 96 Resp: 9080
Ion Ratio Lower Upper
96 100
61 155.9 128.3 192.5
98 59.9 52.2 78.4





#13

Acrolein

Concen: 24.285 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

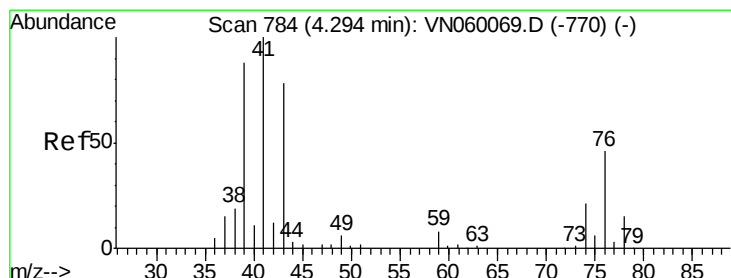
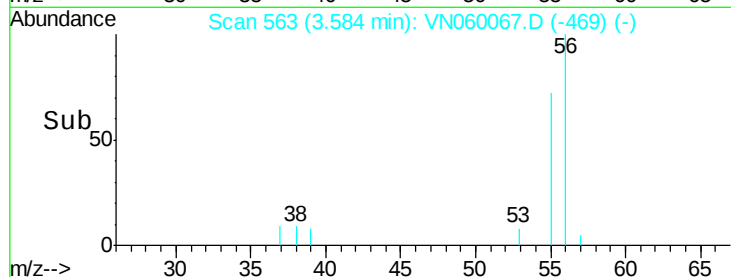
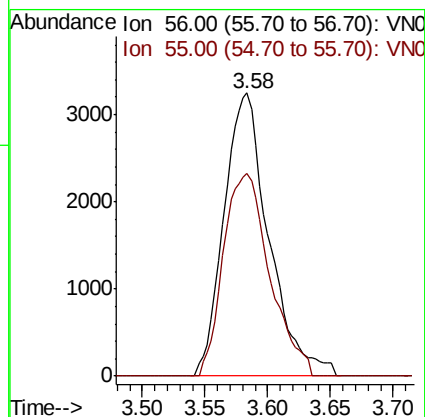
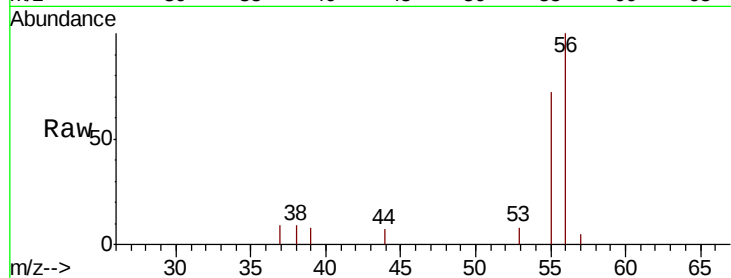
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 8047

Ion Ratio Lower Upper

56 100

55 73.9 54.8 82.2



#14

Allyl chloride

Concen: 5.178 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

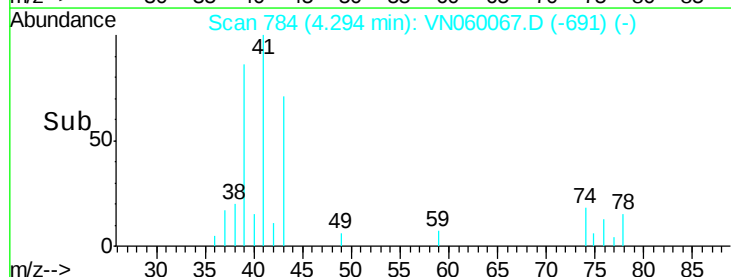
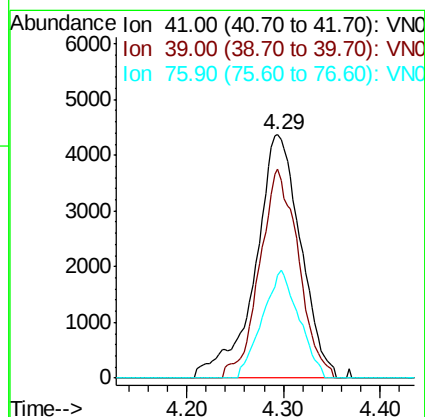
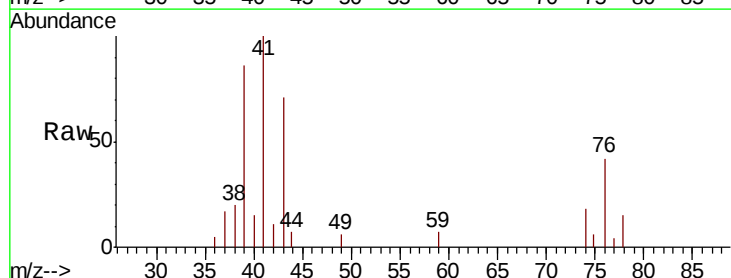
Tgt Ion: 41 Resp: 14163

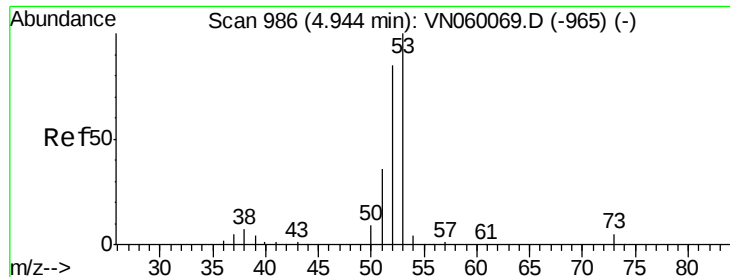
Ion Ratio Lower Upper

41 100

39 73.9 67.8 101.8

76 35.9 33.9 50.9

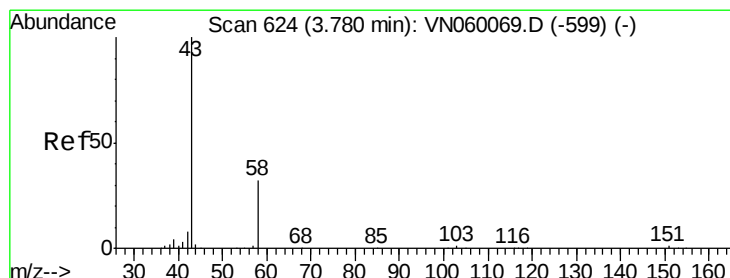
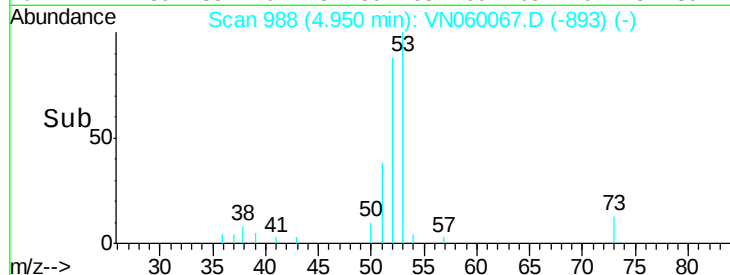
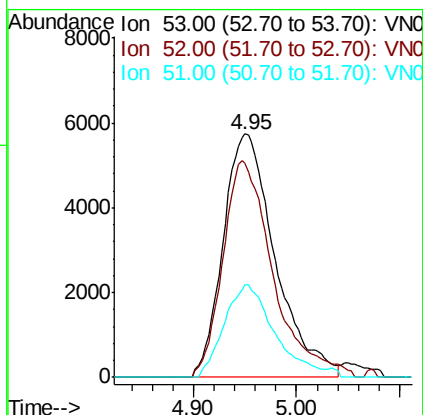
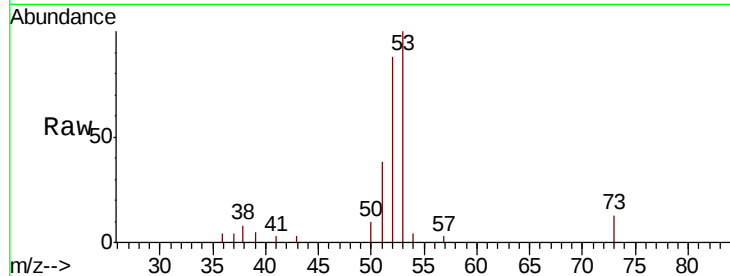




#15
 Acrylonitrile
 Concen: 24.273 ug/l
 RT: 4.95 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

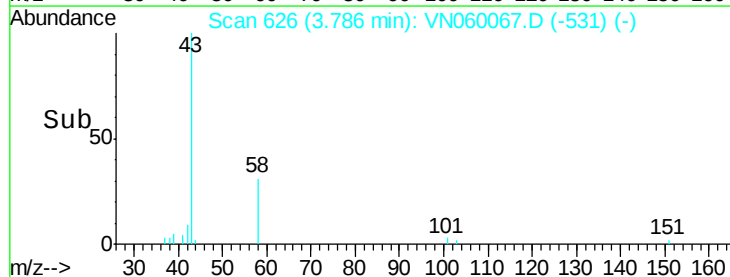
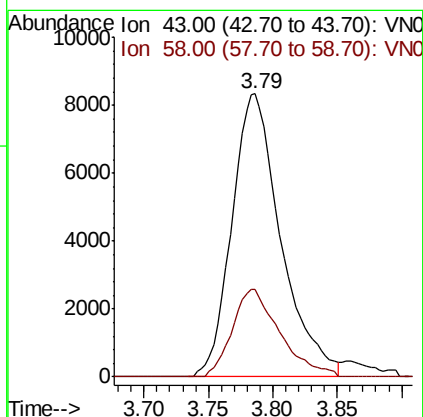
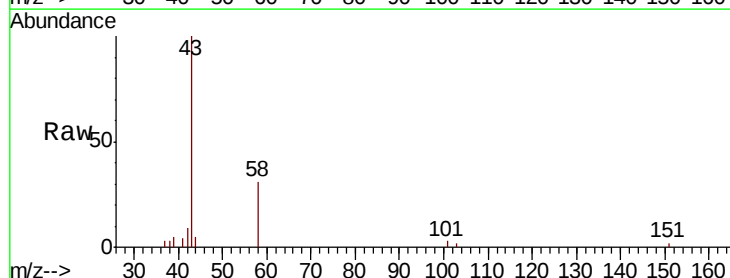
Instrument :
 MSVOA_N
 ClientSampleId :

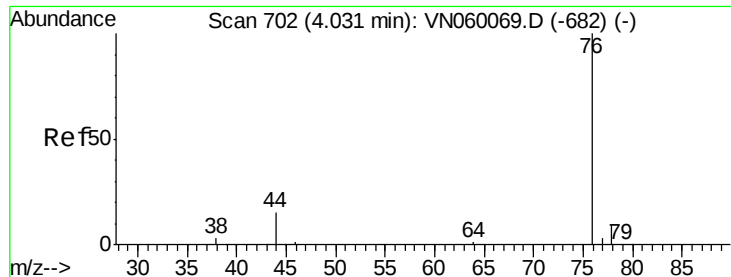
Tot Ion: 53 Resp: 20131
 Ion Ratio Lower Upper
 53 100
 52 85.9 66.8 100.2
 51 36.8 29.4 44.0



#16
 Acetone
 Concen: 25.183 ug/l
 RT: 3.79 min Scan# 626
 Delta R.T. 0.01 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

Tgt Ion: 43 Resp: 22009
 Ion Ratio Lower Upper
 43 100
 58 30.9 25.2 37.8

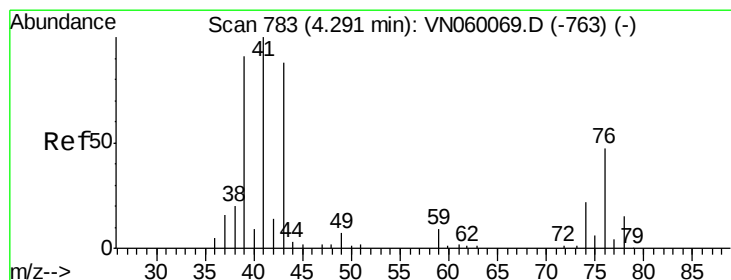
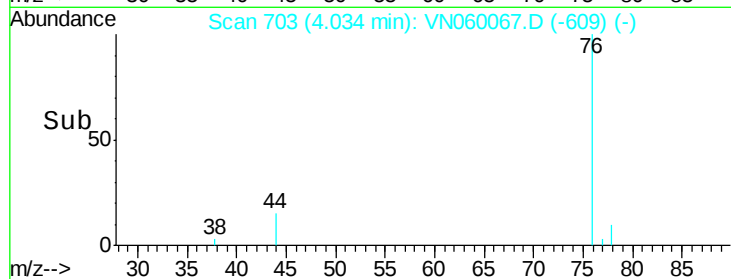
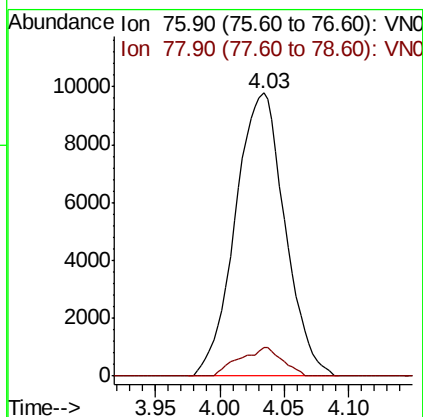
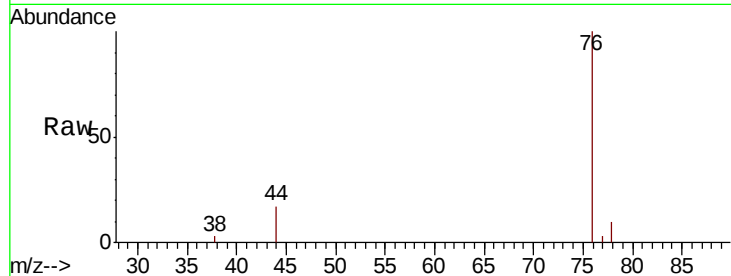




#17
Carbon Disulfide
Concen: 4.689 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

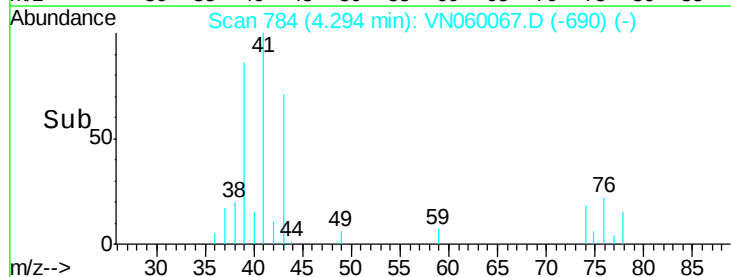
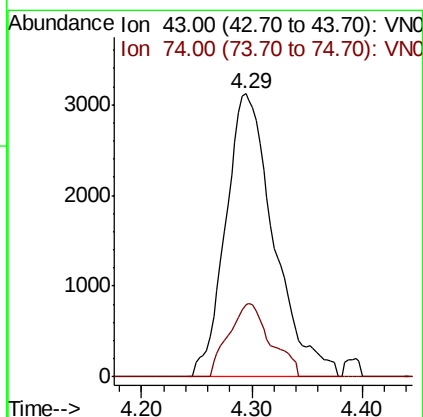
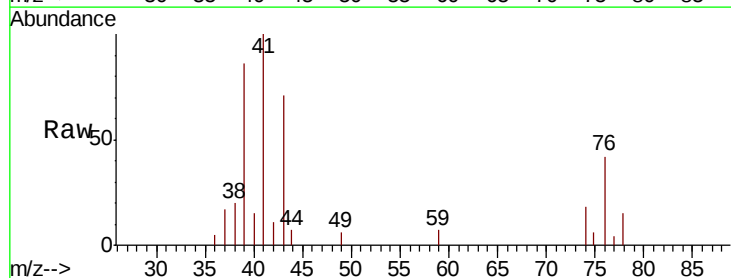
Instrument :
MSVOA_N
ClientSampled :

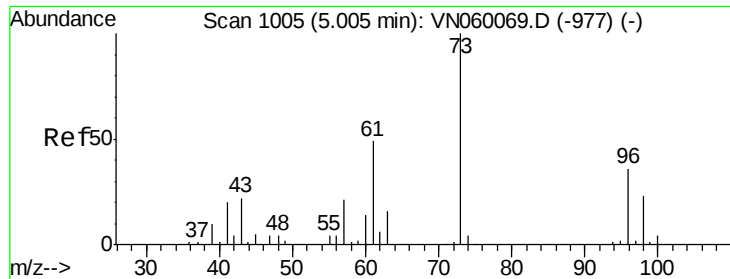
Tot Ion: 76 Resp: 26193
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.6



#18
Methyl Acetate
Concen: 4.997 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 43 Resp: 9480
Ion Ratio Lower Upper
43 100
74 22.3 20.3 30.5

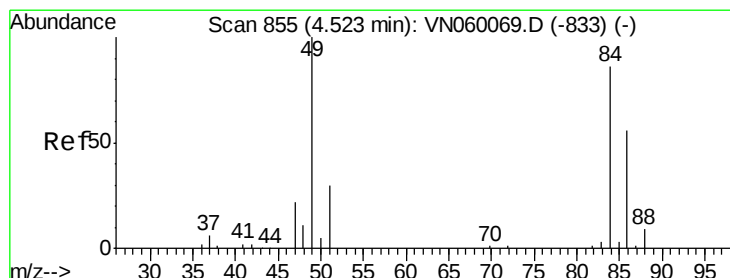
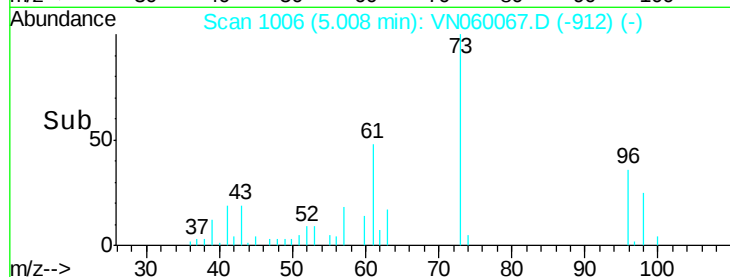
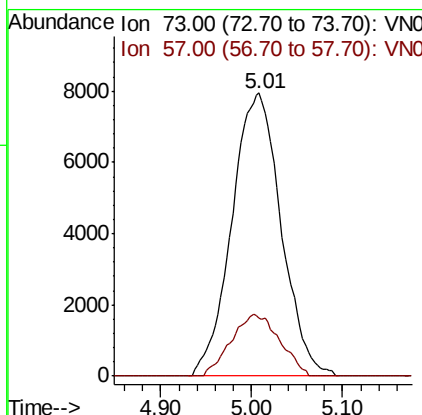
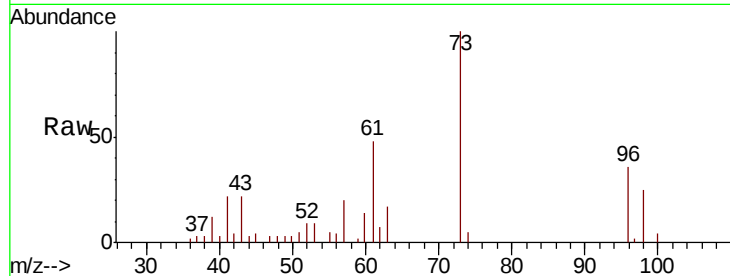




#19
Methvl tert-butvl Ether
Concen: 4.834 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

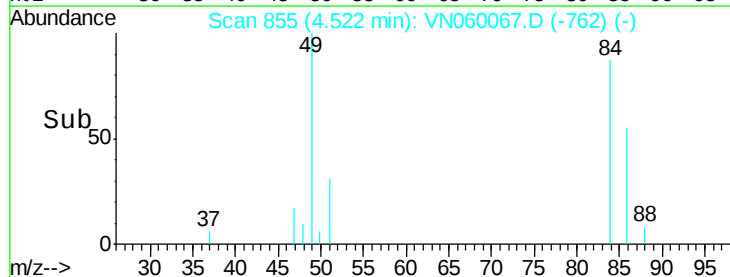
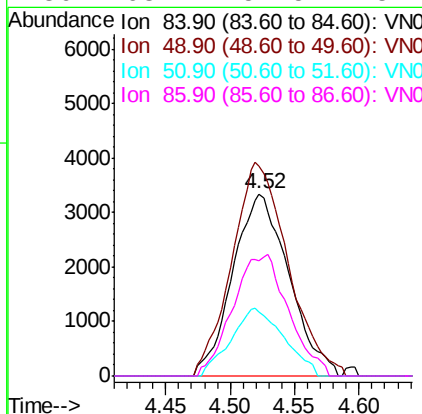
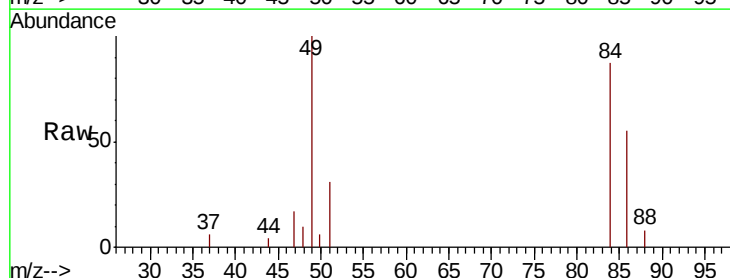
Instrument :
MSVOA_N
ClientSampled :

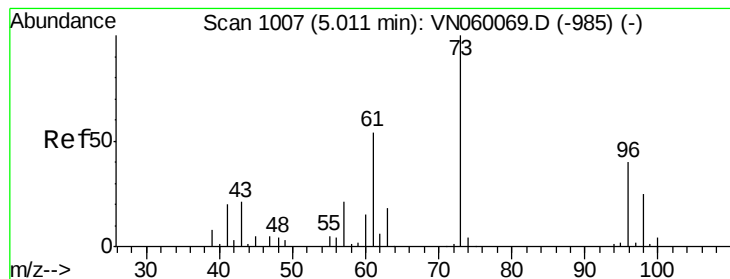
Tot Ion: 73 Resp: 29883
Ion Ratio Lower Upper
73 100
57 20.3 17.2 25.8



#20
Methylene Chloride
Concen: 4.868 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 84 Resp: 10106
Ion Ratio Lower Upper
84 100
49 115.2 93.4 140.0
51 35.3 28.4 42.6
86 63.2 52.5 78.7



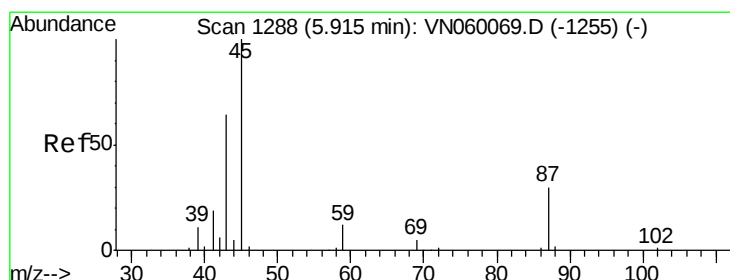
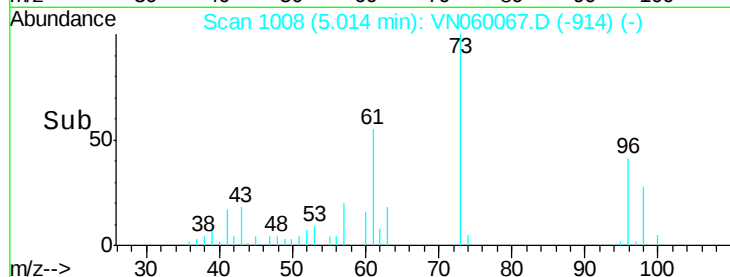
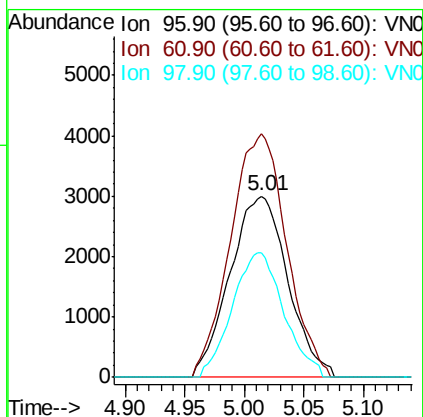
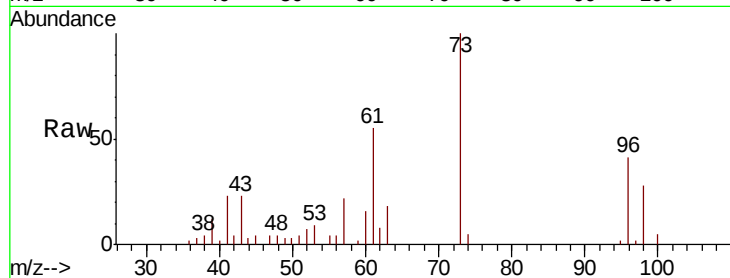


#21

trans-1,2-Dichloroethene
Concen: 5.630 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Instrument :
MSVOA_N
ClientSampled :

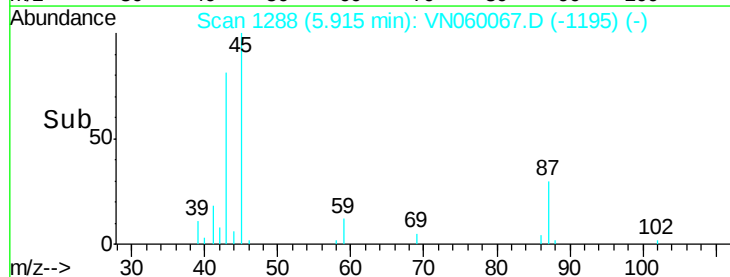
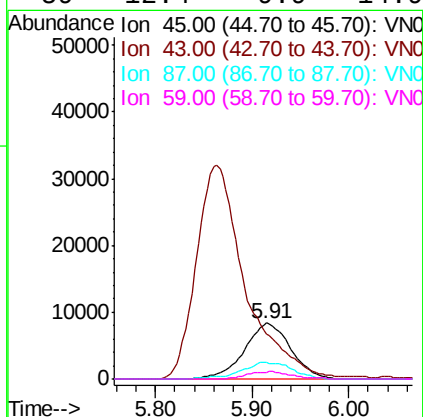
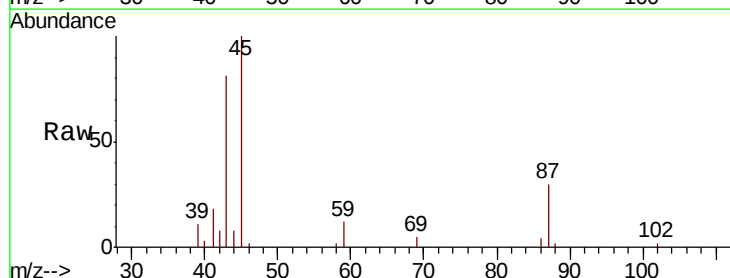
Tot Ion: 96 Resp: 10121
Ion Ratio Lower Upper
96 100
61 134.2 109.3 163.9
98 68.9 51.0 76.6

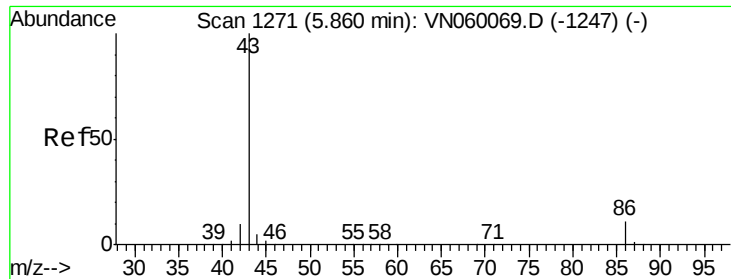


#22

Diisopropyl ether
Concen: 4.758 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 45 Resp: 27782
Ion Ratio Lower Upper
45 100
43 76.4 55.9 83.9
87 29.6 24.5 36.7
59 12.4 9.9 14.9

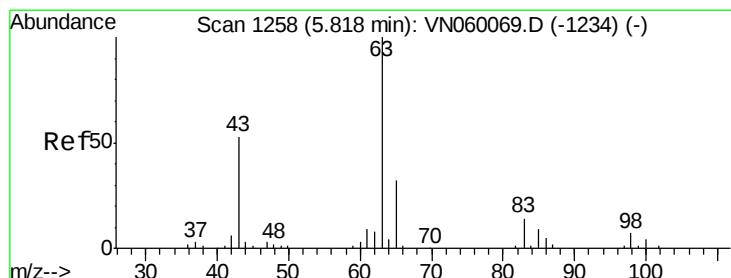
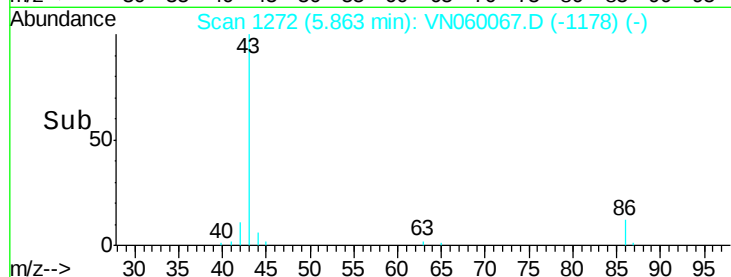
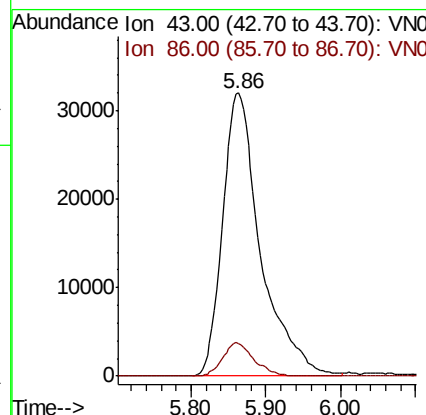
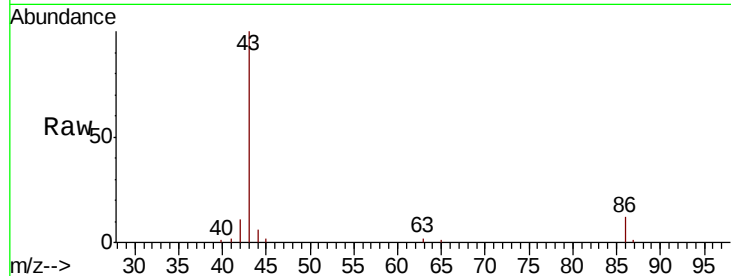




#23
 Vinyl Acetate
 Concen: 23.305 ug/l
 RT: 5.86 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

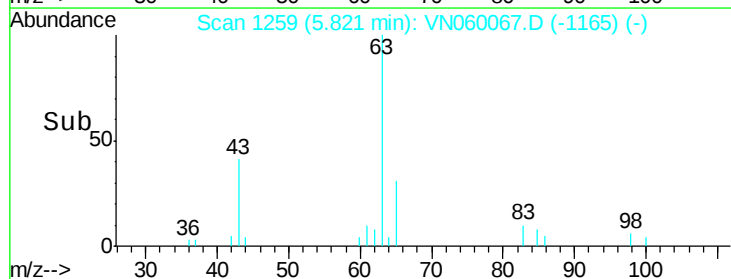
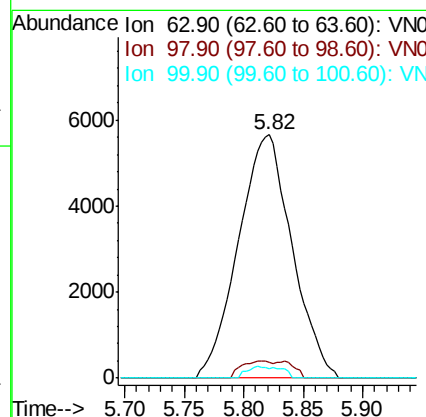
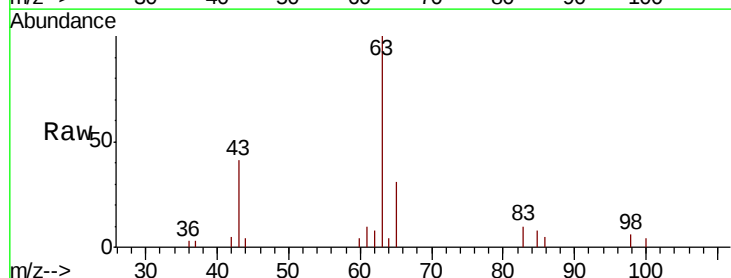
Instrument :
 MSVOA_N
 ClientSampleId :

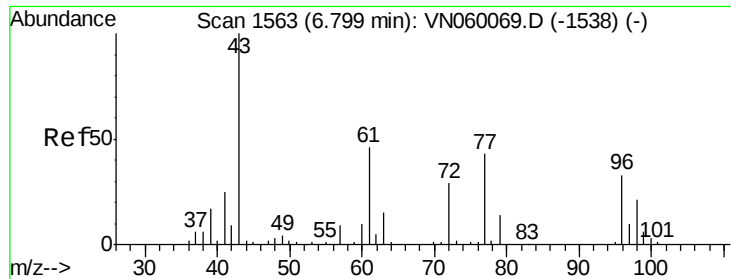
Tot Ion: 43 Resp: 112821
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 4.902 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

Tgt Ion: 63 Resp: 17677
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.1 2.2 6.6

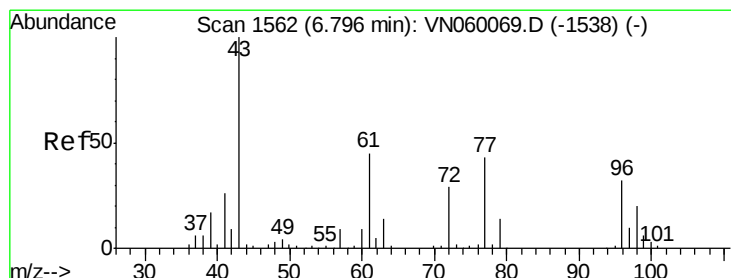
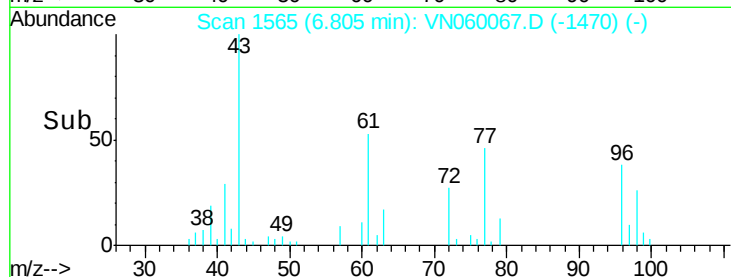
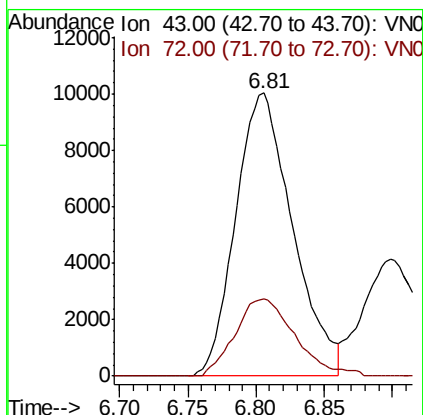
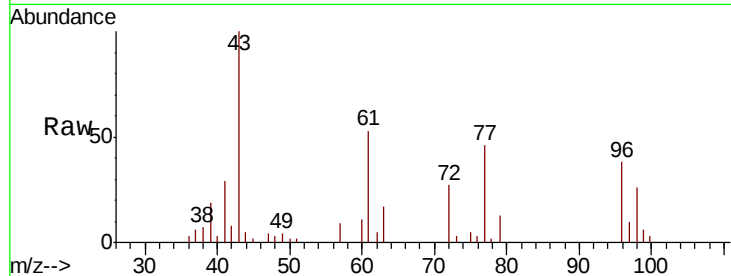




#25
2-Butanone
Concen: 23.206 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

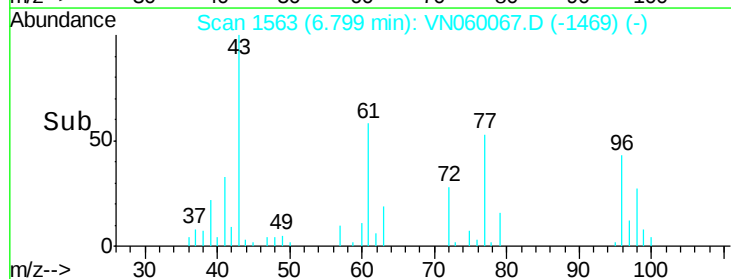
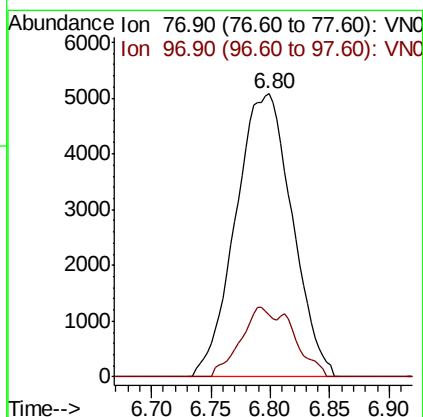
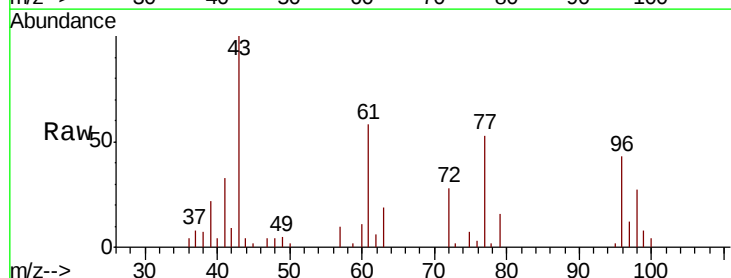
Instrument :
MSVOA_N
ClientSampled :

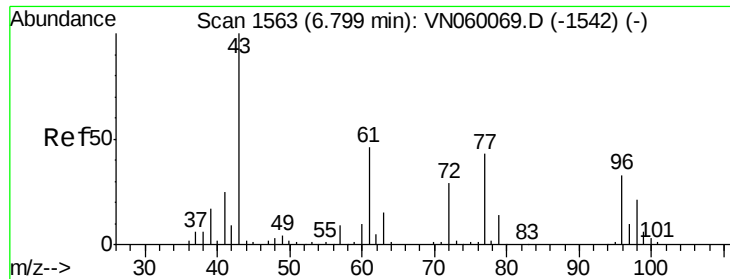
Tot Ion: 43 Resp: 29173
Ion Ratio Lower Upper
43 100
72 27.5 23.3 34.9



#26
2,2-Dichloropropane
Concen: 4.859 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 77 Resp: 16694
Ion Ratio Lower Upper
77 100
97 14.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 5.452 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

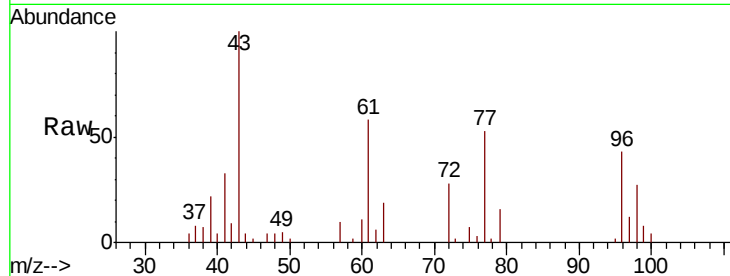
Tot Ion: 96 Resp: 11359

Ion Ratio Lower Upper

96 100

61 141.3 0.0 285.8

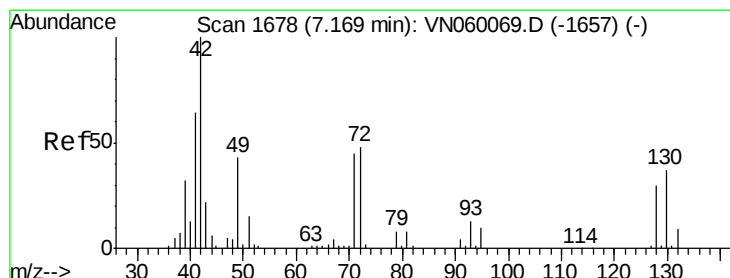
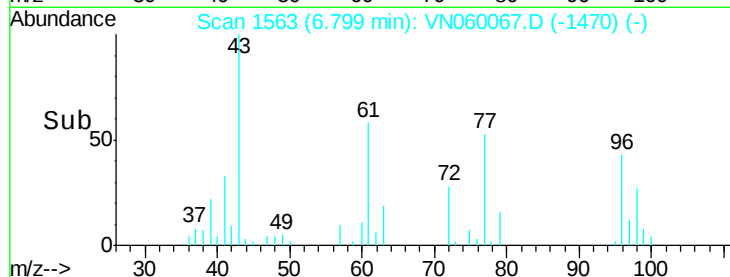
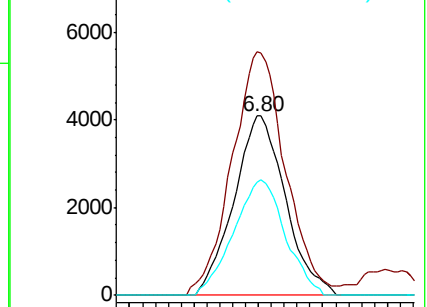
98 64.5 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN060069.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN060069.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN060069.D (-1542) (-)



#28

Bromochloromethane

Concen: 5.361 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

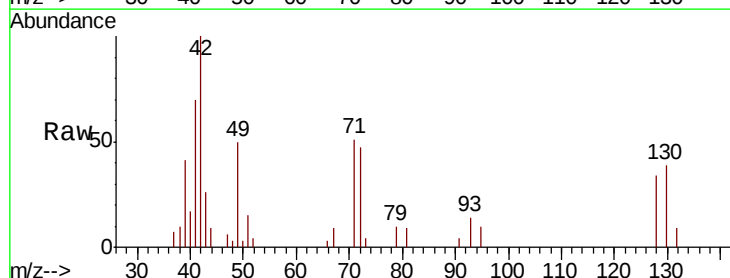
Tgt Ion: 49 Resp: 6756

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

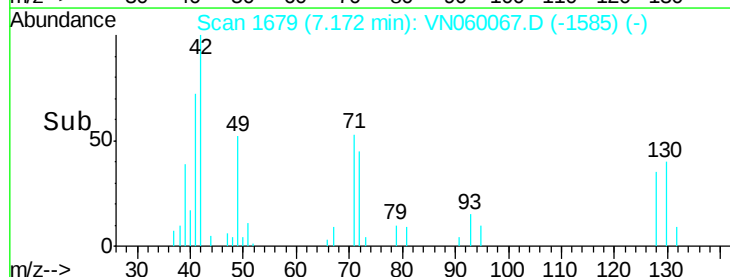
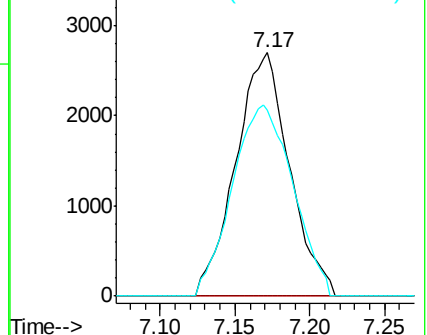
130 88.3 66.8 100.2

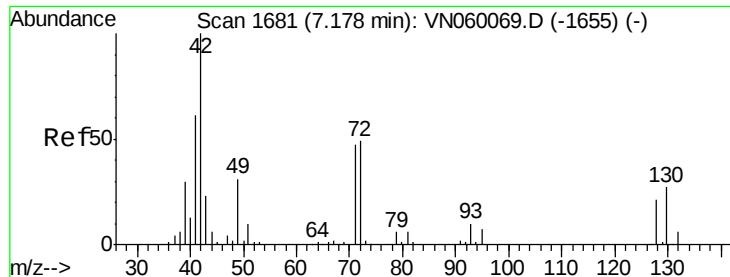


Abundance Ion 48.90 (48.60 to 49.60): VN060069.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN060069.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN060069.D (-1657) (-)

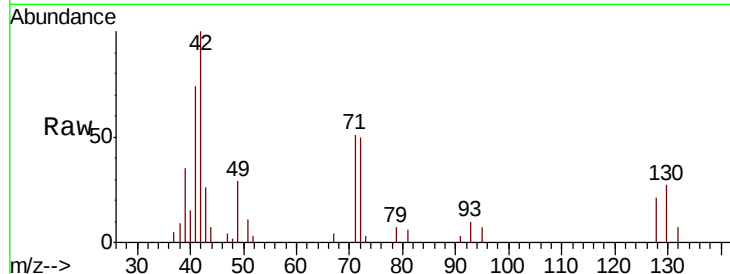




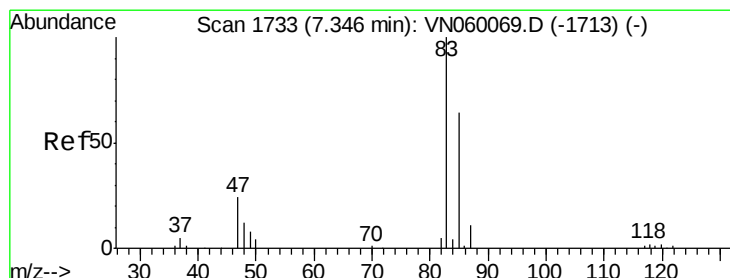
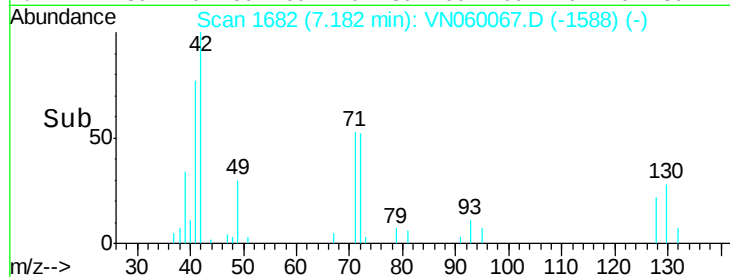
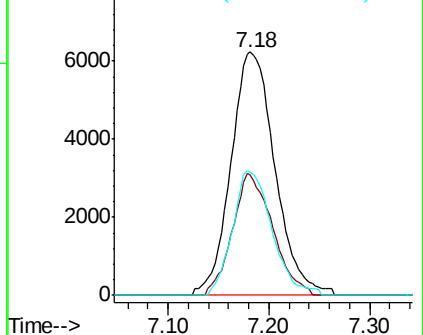
#29
Tetrahydrofuran
Concen: 24.328 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 18907
Ion Ratio Lower Upper
42 100
72 45.7 38.2 57.4
71 46.1 36.6 54.8

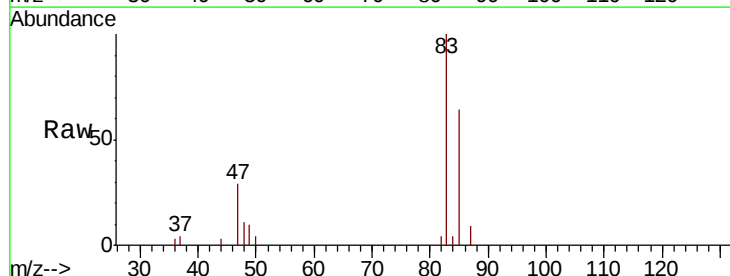


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

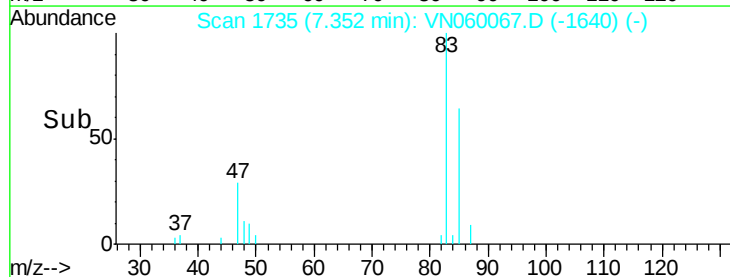
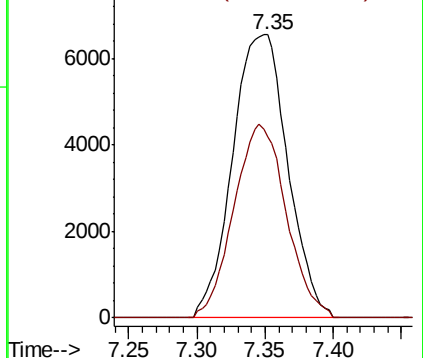


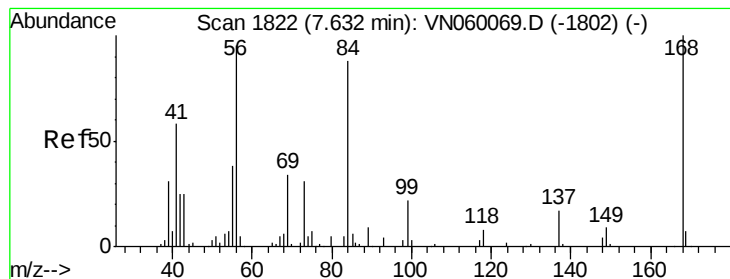
#30
Chloroform
Concen: 4.867 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.01 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 83 Resp: 18399
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.0



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





#31

Cyclohexane

Concen: 5.593 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

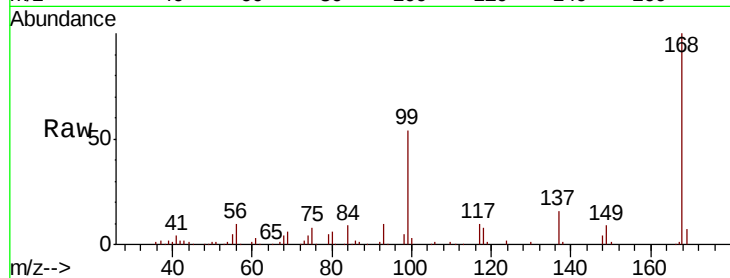
Tot Ion: 56 Resp: 19315

Ion Ratio Lower Upper

56 100

69 60.7 28.3 42.5#

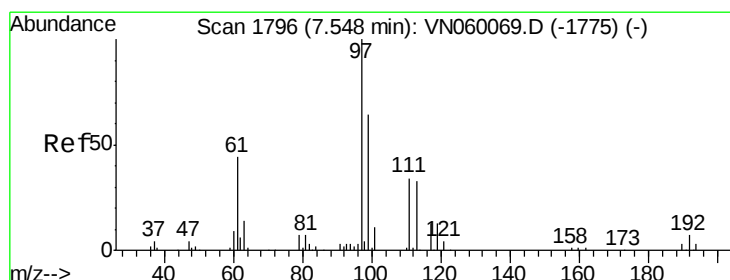
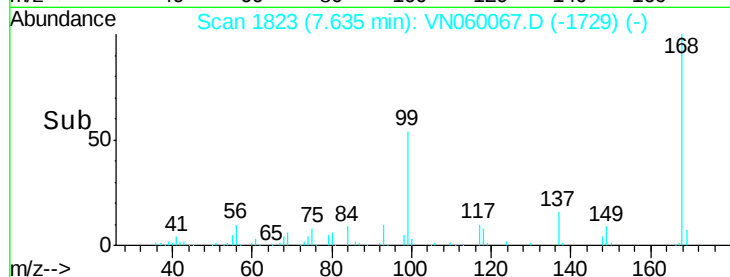
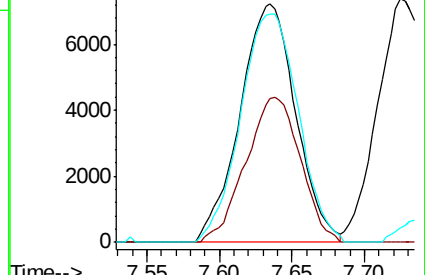
84 95.7 72.6 108.8



Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-1802) (-)

Ion 69.00 (68.70 to 69.70): VN060069.D (-1802) (-)

Ion 84.00 (83.70 to 84.70): VN060069.D (-1802) (-)



#32

1,1,1-Trichloroethane

Concen: 4.795 ug/l

RT: 7.54 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

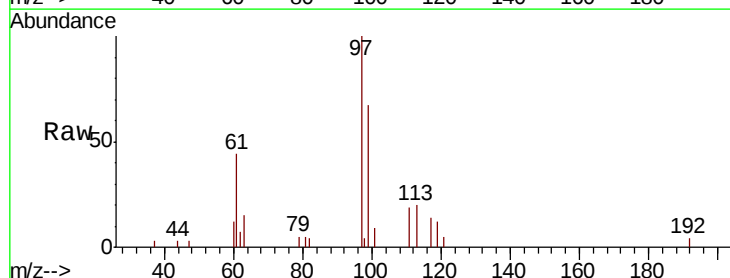
Tgt Ion: 97 Resp: 16520

Ion Ratio Lower Upper

97 100

99 65.8 51.4 77.0

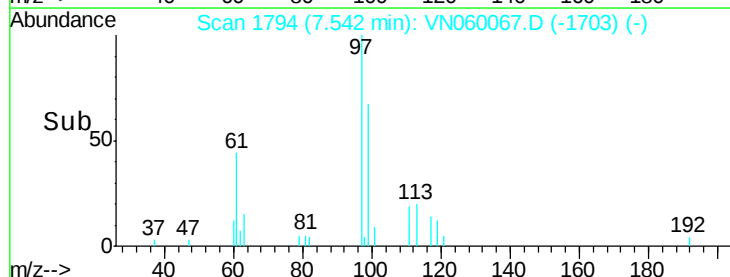
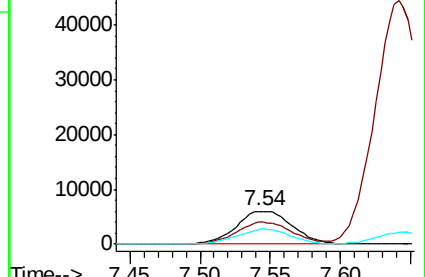
61 43.9 34.9 52.3

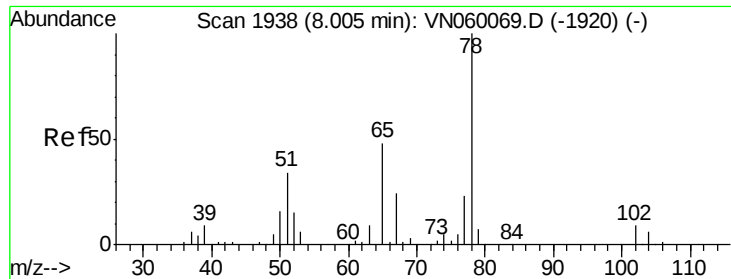


Abundance Ion 96.90 (96.60 to 97.60): VN060069.D (-1775) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-1775) (-)

Ion 60.90 (60.60 to 61.60): VN060069.D (-1775) (-)





#33

1,2-Dichloroethane-d4

Concen: 5.075 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

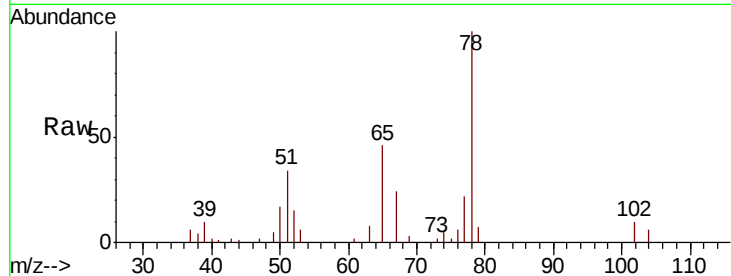
ClientSampled :

Tot Ion: 65 Resp: 11901

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.0

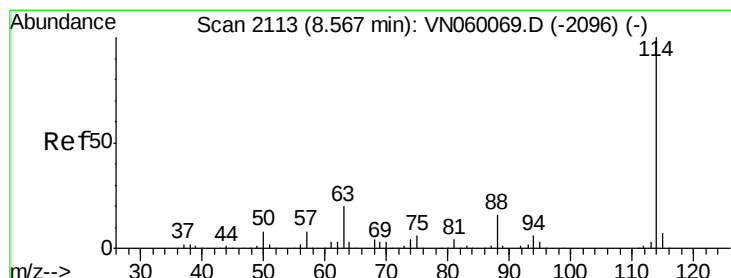
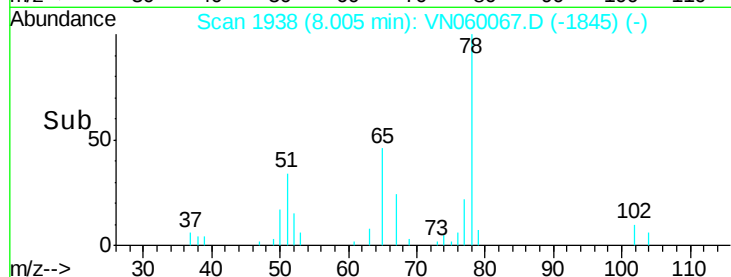


Abundance Ion 64.90 (64.60 to 65.60): VN060067.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060067.D (-1920) (-)

8.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

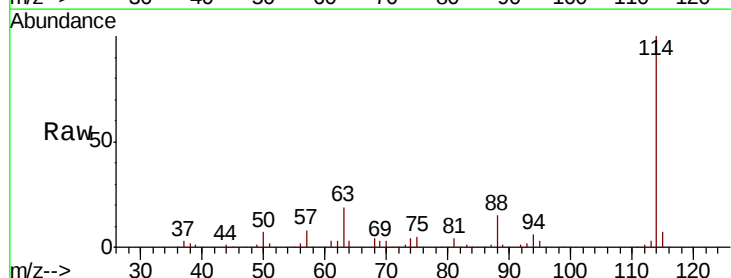
Tgt Ion: 114 Resp: 306245

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 14.9 0.0 31.6



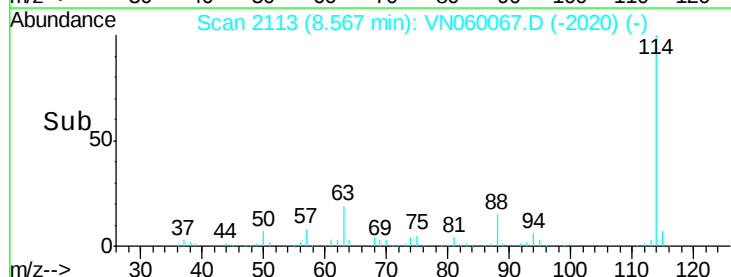
Abundance Ion 113.90 (113.60 to 114.60): VN060067.D (-2096) (-)

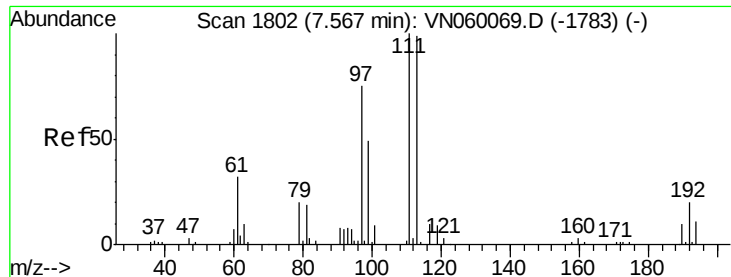
Ion 63.00 (62.70 to 63.70): VN060067.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN060067.D (-2096) (-)

8.57

Time-->

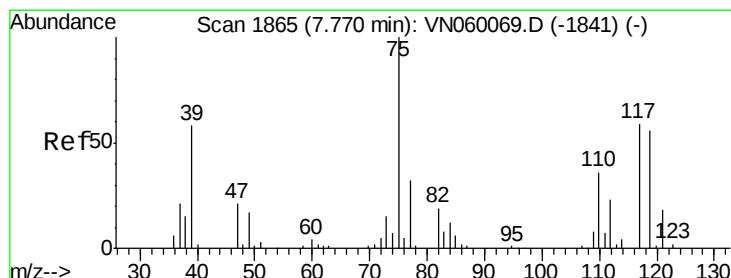
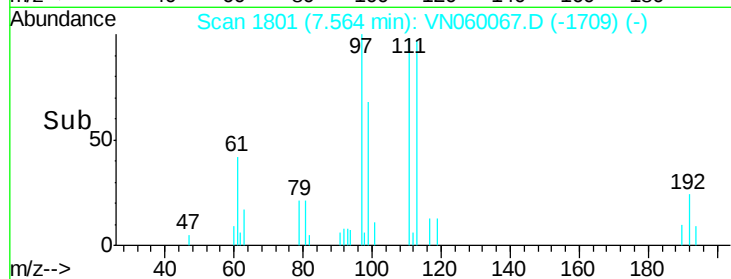
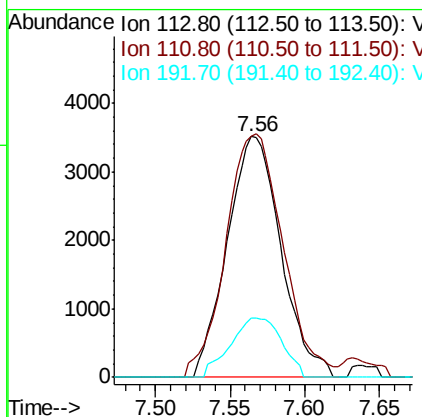
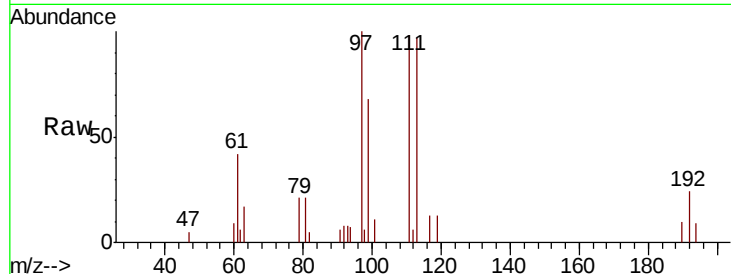




#35
 Dibromofluoromethane
 Concen: 4.810 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

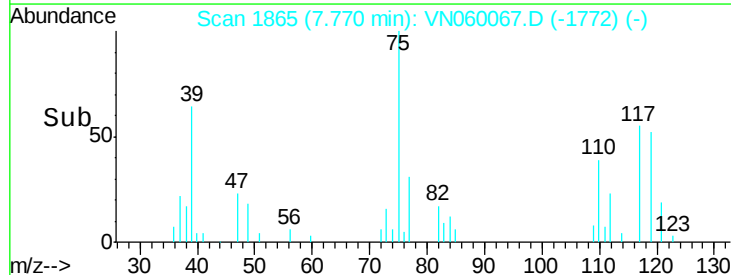
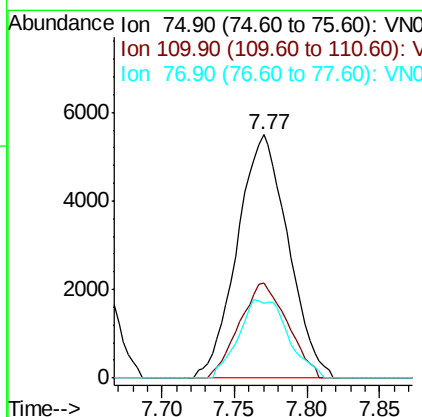
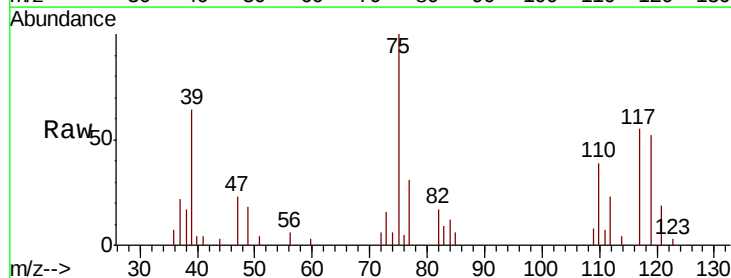
Instrument :
 MSVOA_N
 ClientSampled :

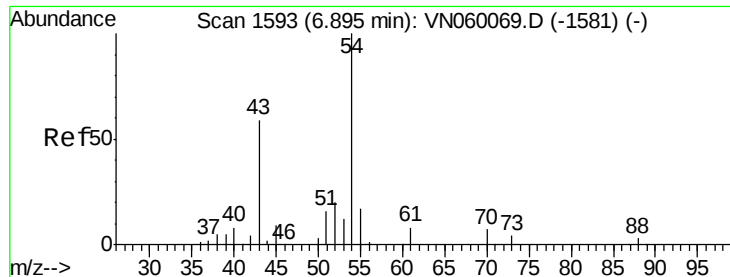
Tot Ion:113 Resp: 8786
 Ion Ratio Lower Upper
 113 100
 111 107.1 81.4 122.2
 192 23.5 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.733 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

Tgt Ion: 75 Resp: 13417
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.1 54.3
 77 31.3 25.1 37.7

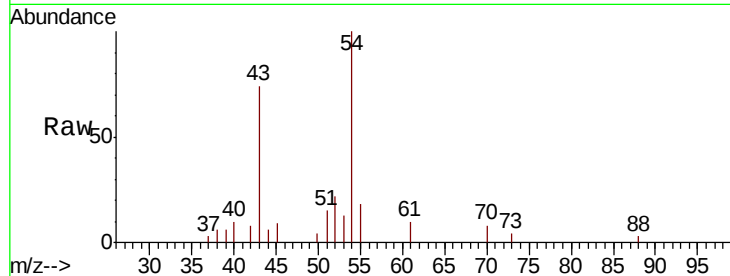




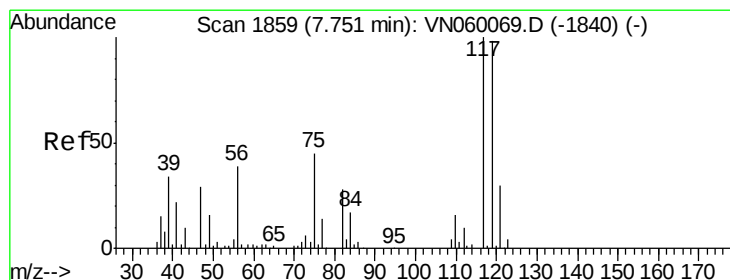
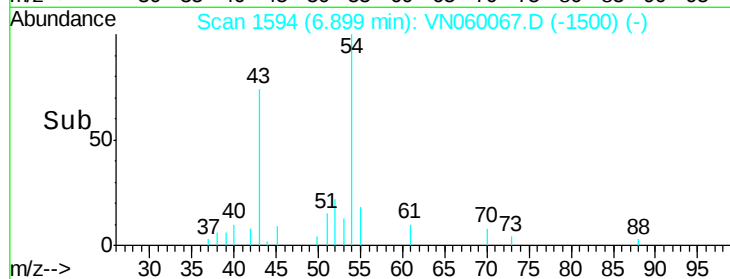
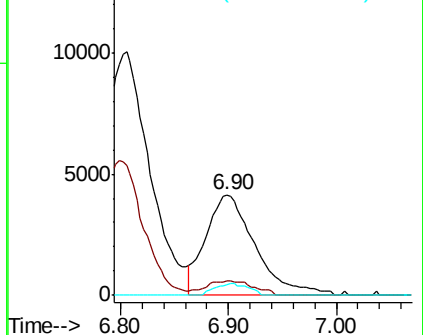
#37
Ethyl Acetate
Concen: 5.315 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 13230
Ion Ratio Lower Upper
43 100
61 12.8 11.4 17.2
70 7.9 8.7 13.1#

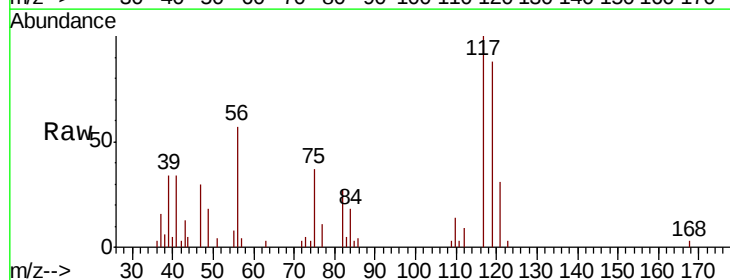


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

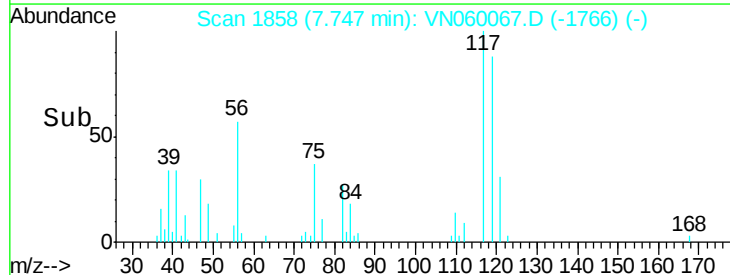
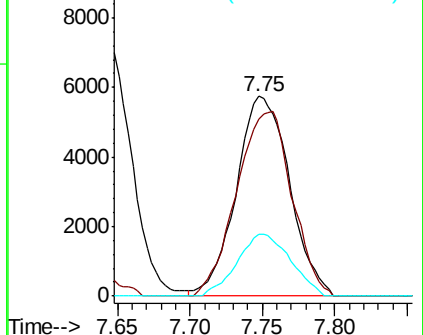


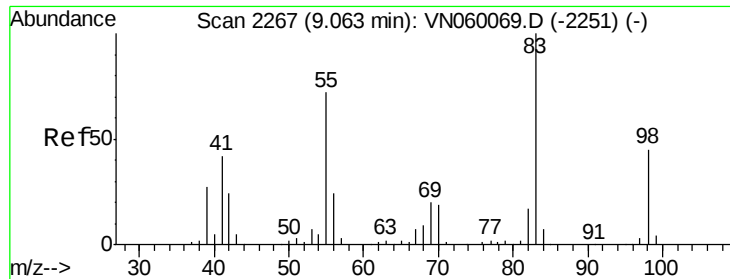
#38
Carbon Tetrachloride
Concen: 4.772 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 117 Resp: 14677
Ion Ratio Lower Upper
117 100
119 88.4 78.2 117.4
121 30.9 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

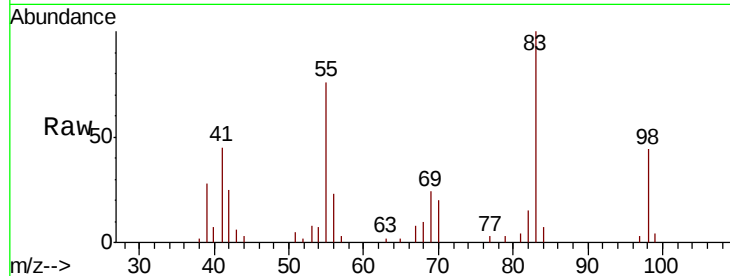




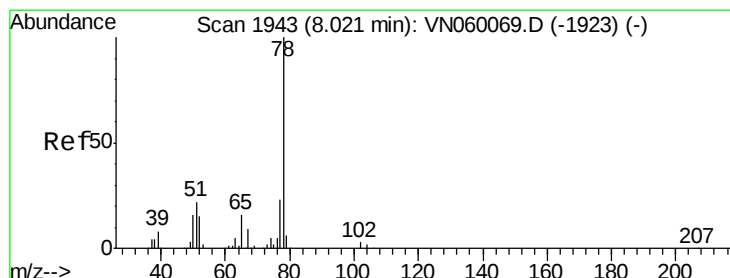
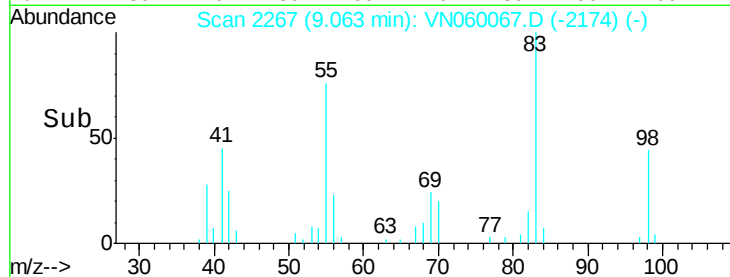
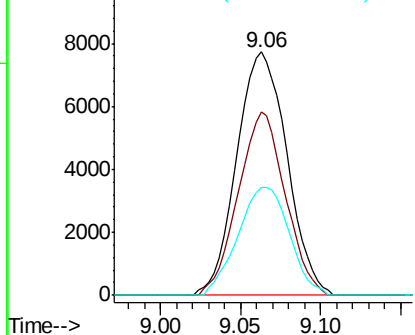
#39
Methvlcvclohexane
Concen: 4.732 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 16622
Ion Ratio Lower Upper
83 100
55 75.5 57.8 86.8
98 44.4 36.4 54.6

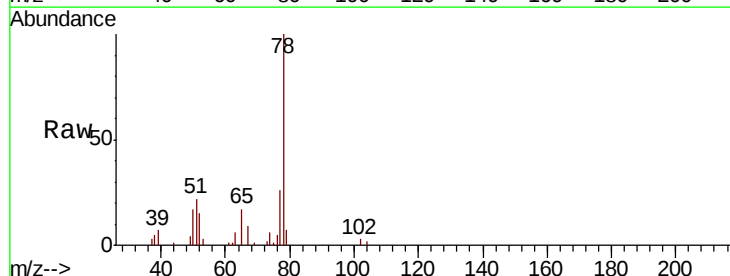


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

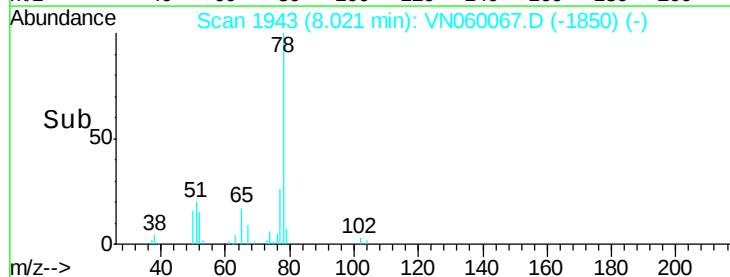
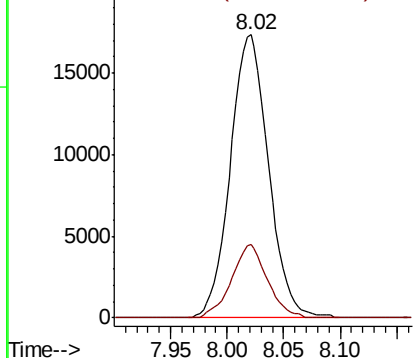


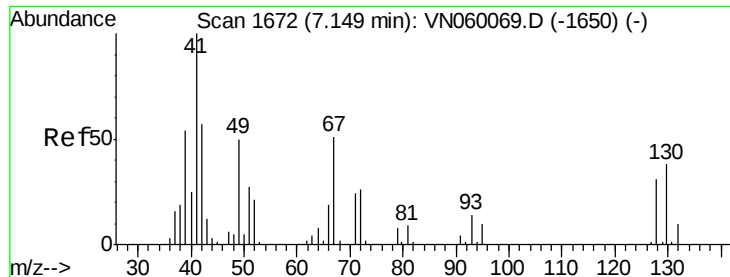
#40
Benzene
Concen: 4.809 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 78 Resp: 40757
Ion Ratio Lower Upper
78 100
77 25.9 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: 10.846 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.03 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 41 Resp: 17710

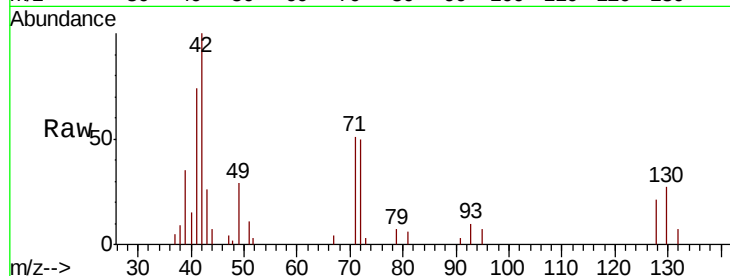
Ion Ratio Lower Upper

41 100

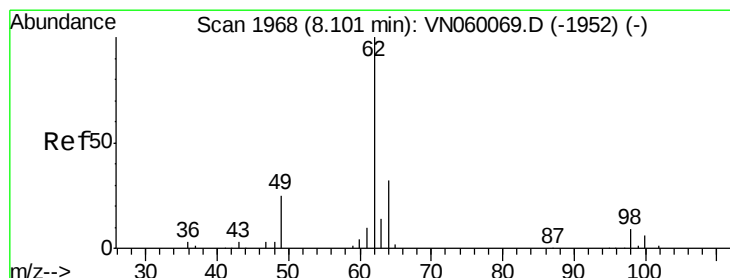
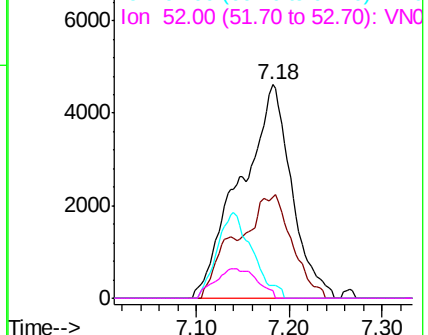
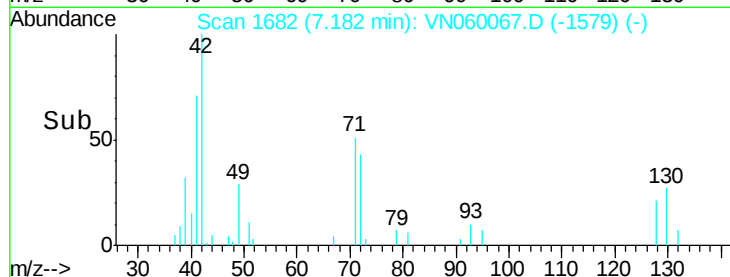
39 33.1 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 4.832 ug/l

RT: 8.10 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VN060067.D

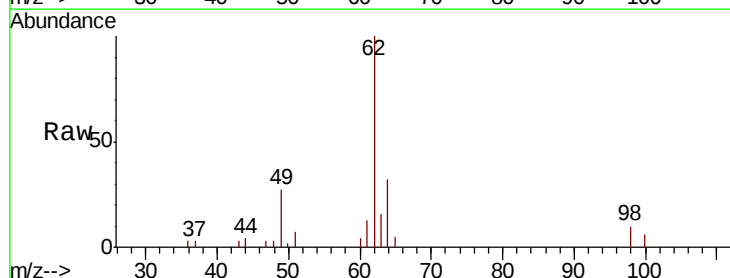
Acq: 12 Feb 2020 11:42

Tgt Ion: 62 Resp: 14180

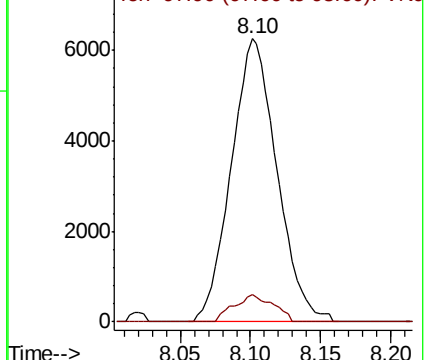
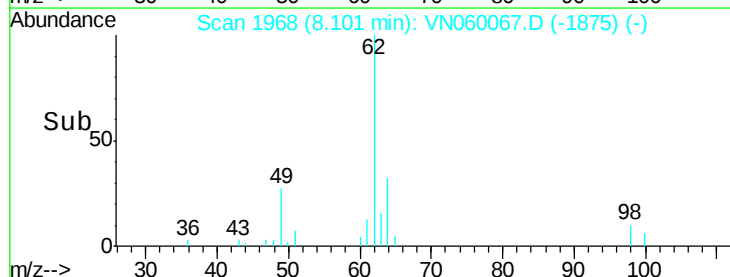
Ion Ratio Lower Upper

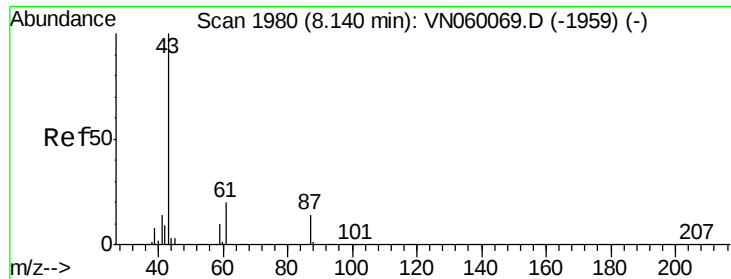
62 100

98 8.4 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 4.898 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

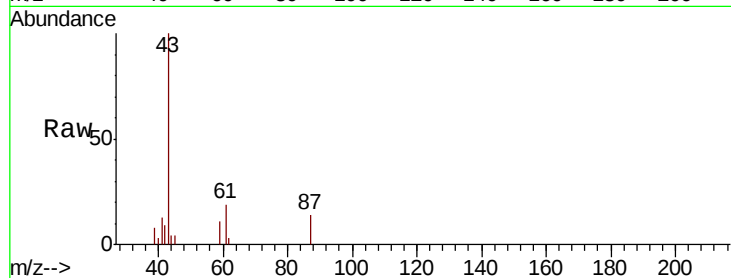
Tot Ion: 43 Resp: 20926

Ion Ratio Lower Upper

43 100

61 19.4 21.8 32.6#

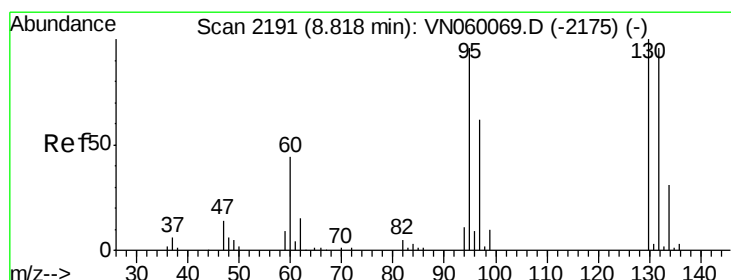
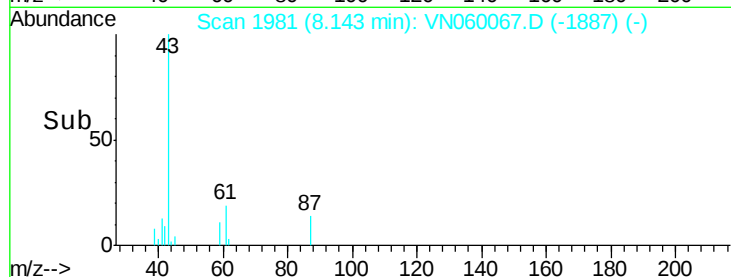
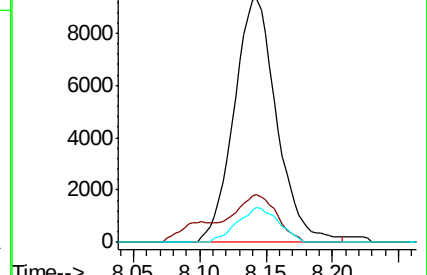
87 13.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#44

Trichloroethene

Concen: 4.889 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060067.D

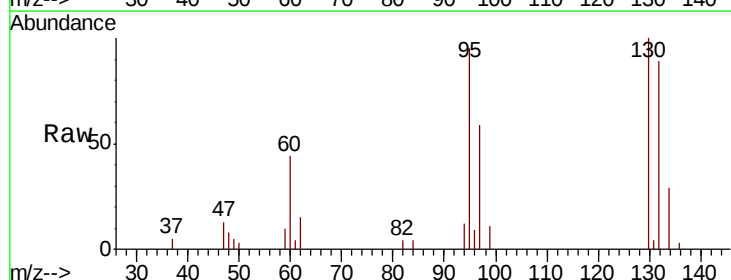
Acq: 12 Feb 2020 11:42

Tgt Ion: 130 Resp: 11496

Ion Ratio Lower Upper

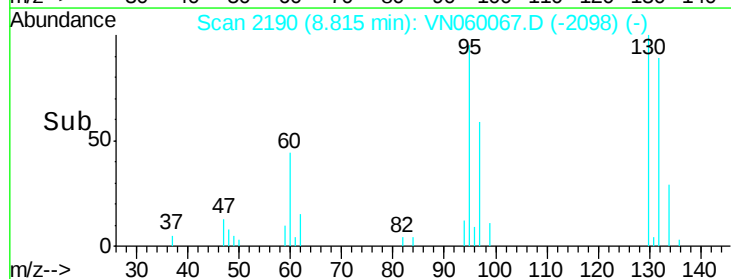
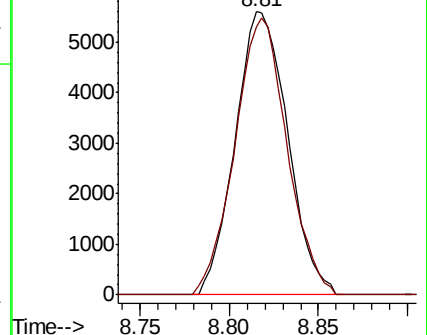
130 100

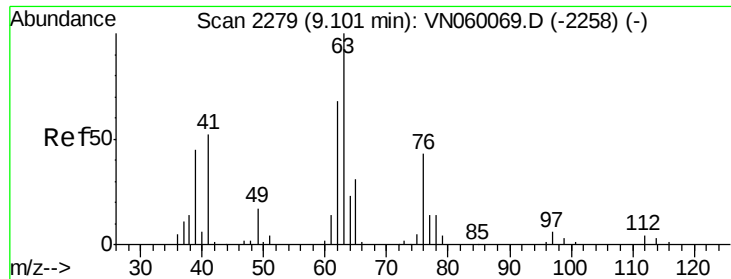
95 94.5 0.0 192.4



Abundance Ion 129.80 (129.50 to 130.50): VN060069.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060069.D (-2175) (-)

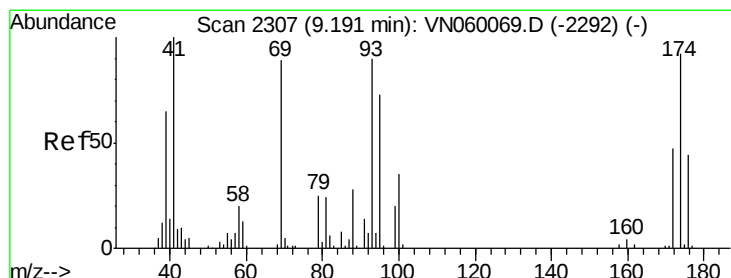
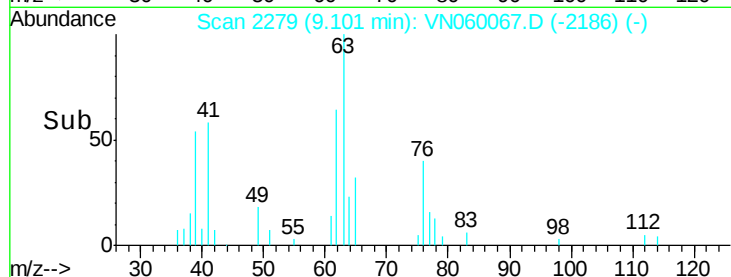
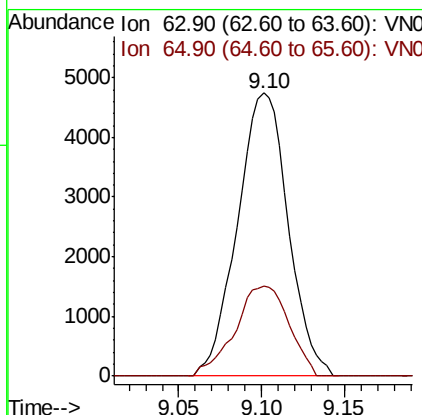
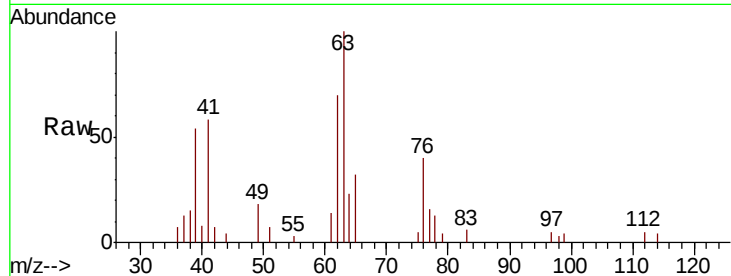




#45
 1,2-Dichloropropane
 Concen: 4.870 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

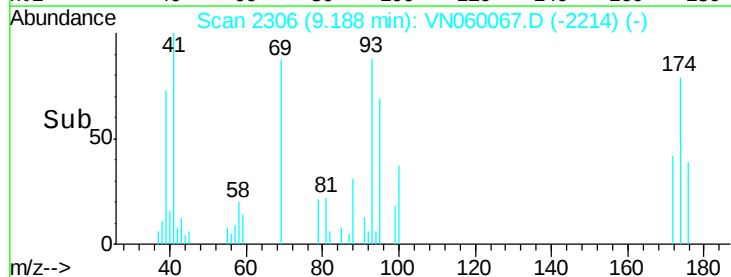
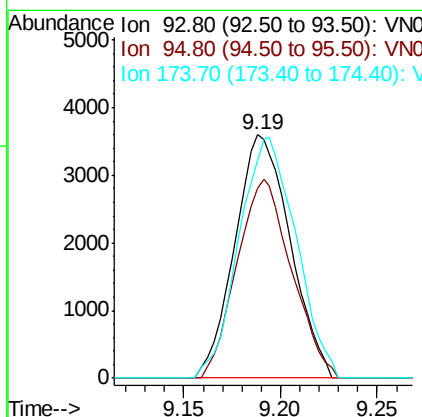
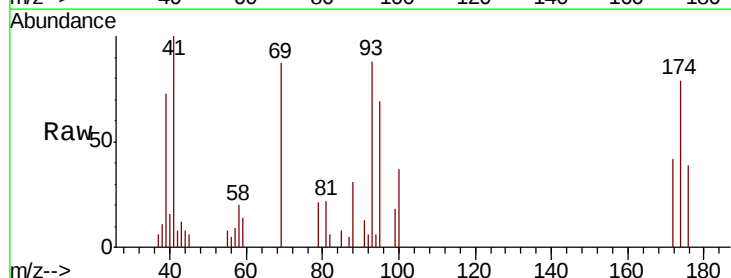
Instrument :
 MSVOA_N
 ClientSampled :

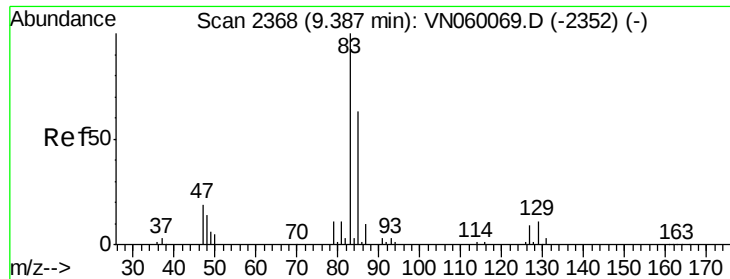
Tot Ion: 63 Resp: 10124
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.4



#46
 Dibromomethane
 Concen: 4.900 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

Tgt Ion: 93 Resp: 7158
 Ion Ratio Lower Upper
 93 100
 95 80.6 65.0 97.6
 174 101.6 82.3 123.5





#47

Bromodichloromethane

Concen: 4.791 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

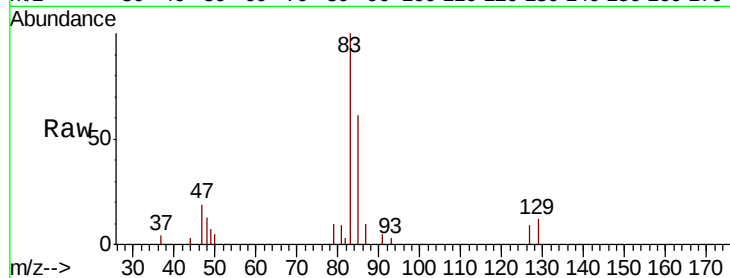
Tot Ion: 83 Resp: 14200

Ion Ratio Lower Upper

83 100

85 61.4 50.6 75.8

127 9.5 7.0 10.6

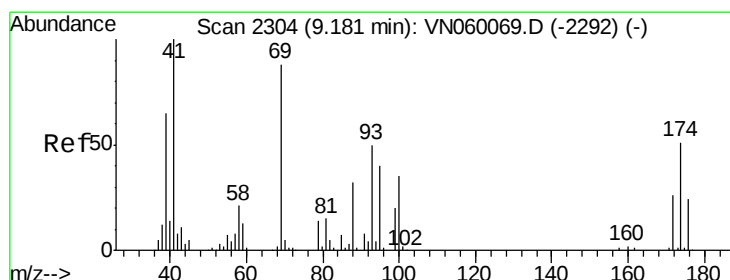
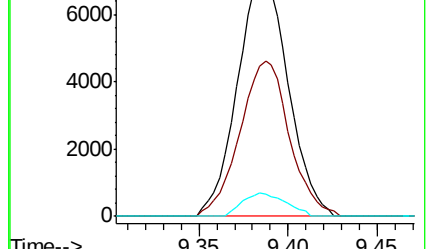
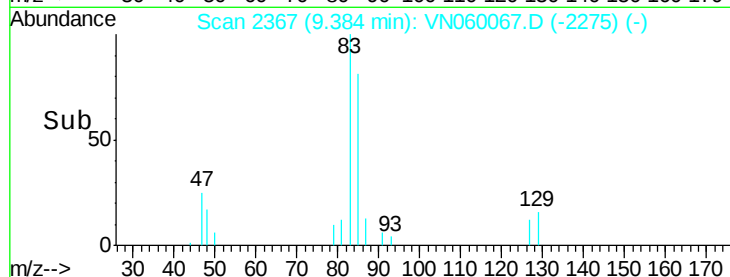


Abundance Ion 82.90 (82.60 to 83.60): VN060067.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060067.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060067.D (-2275) (-)

Time-->



#48

Methyl methacrylate

Concen: 4.540 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

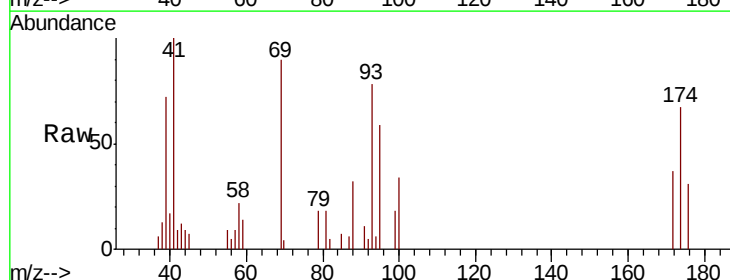
Tgt Ion: 41 Resp: 8600

Ion Ratio Lower Upper

41 100

69 87.5 72.0 108.0

39 73.2 54.1 81.1

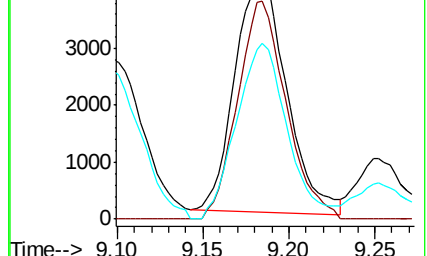
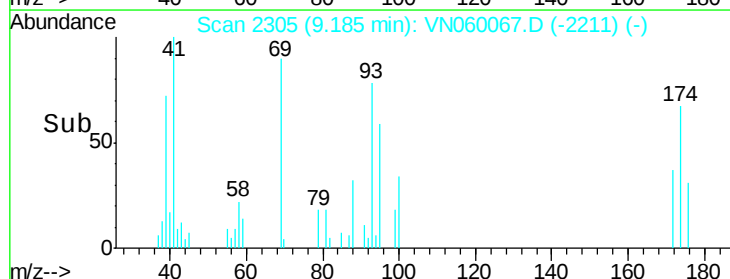


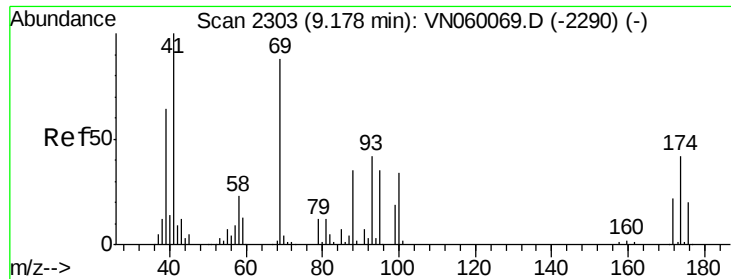
Abundance Ion 41.00 (40.70 to 41.70): VN060067.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060067.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060067.D (-2211) (-)

Time-->

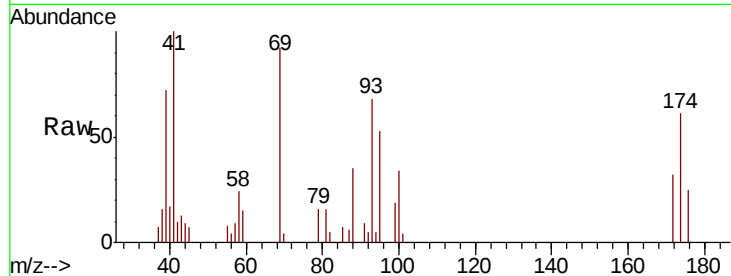




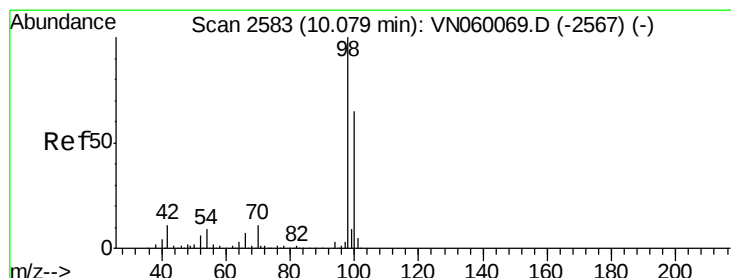
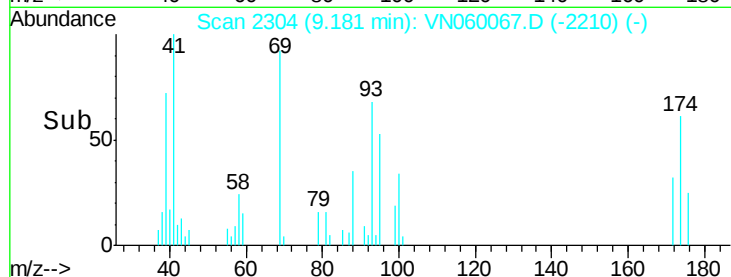
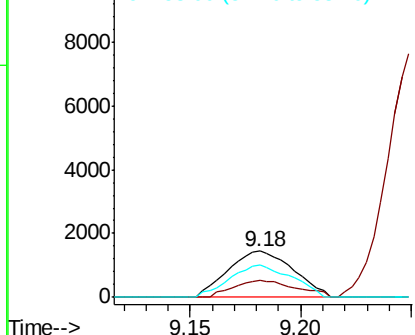
#49
1,4-Dioxane
Concen: 93.407 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 2969
Ion Ratio Lower Upper
88 100
43 34.8 26.2 39.2
58 66.4 53.2 79.8

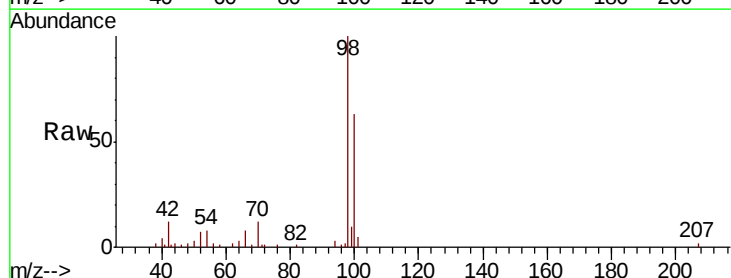


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

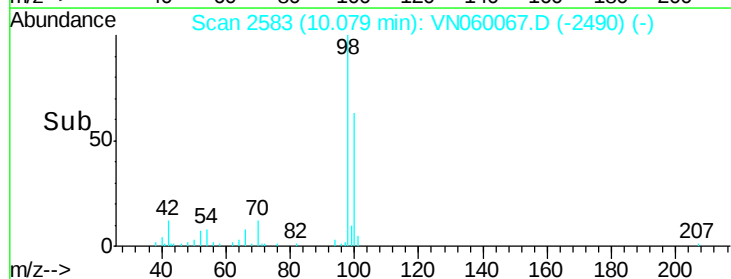
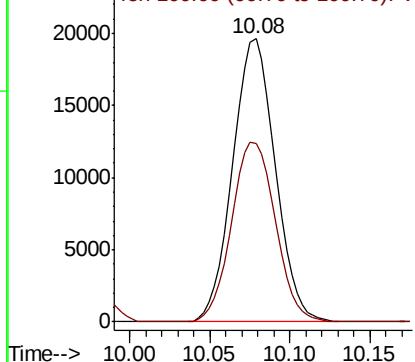


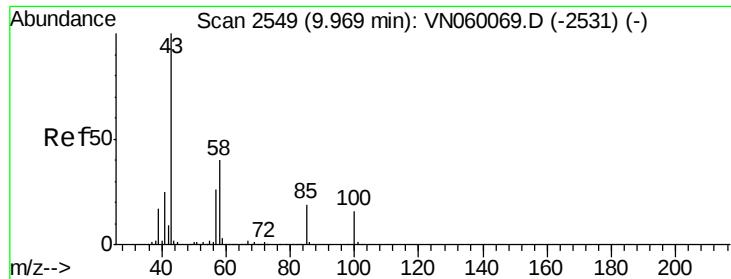
#50
Toluene-d8
Concen: 4.922 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 98 Resp: 35663
Ion Ratio Lower Upper
98 100
100 65.2 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: 23.552 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

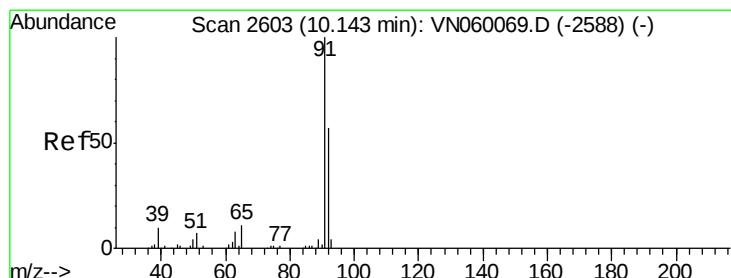
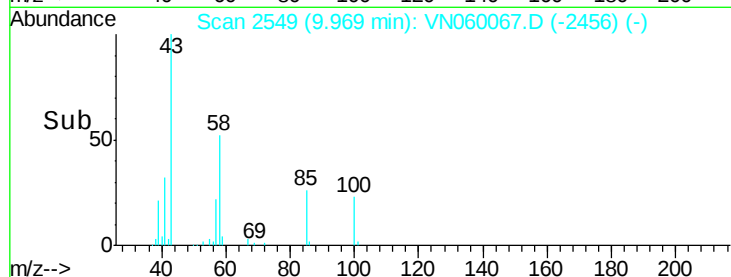
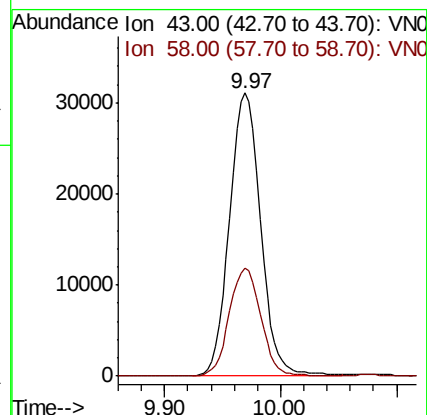
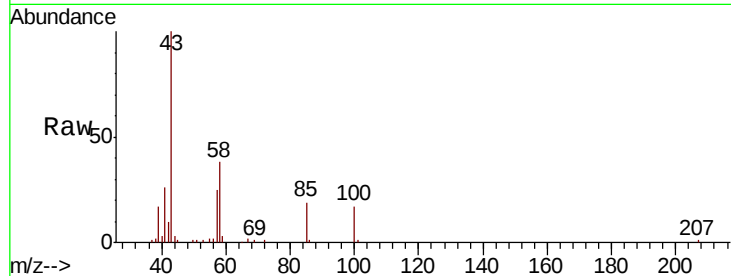
ClientSampleId :

Tot Ion: 43 Resp: 57855

Ion Ratio Lower Upper

43 100

58 38.5 31.8 47.8



#52

Toluene

Concen: 4.788 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060067.D

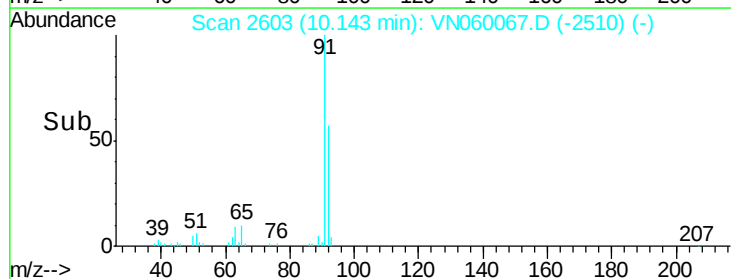
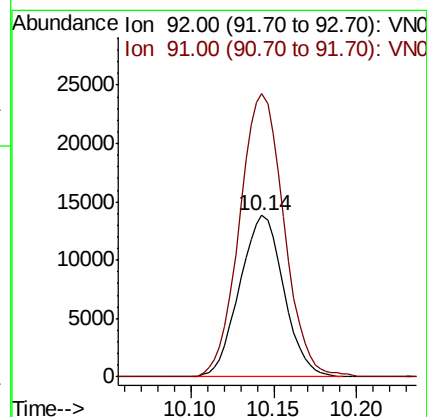
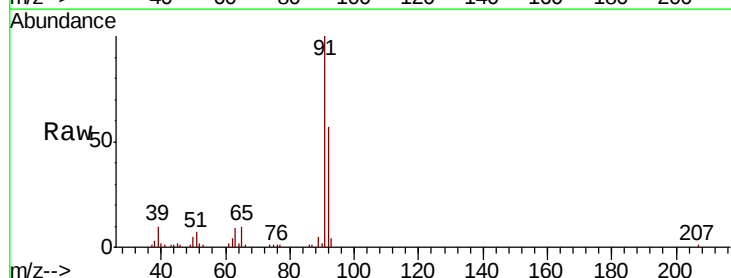
Acq: 12 Feb 2020 11:42

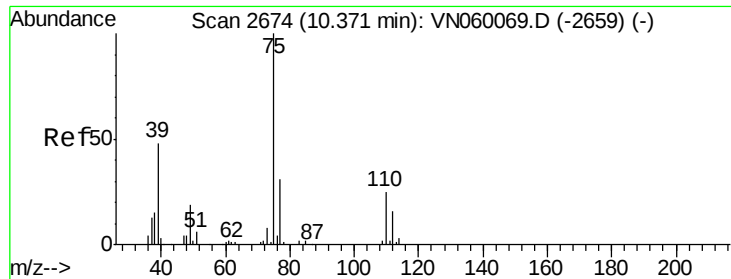
Tgt Ion: 92 Resp: 25605

Ion Ratio Lower Upper

92 100

91 177.0 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 4.826 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

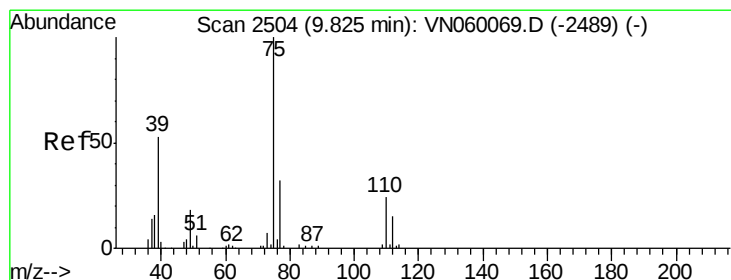
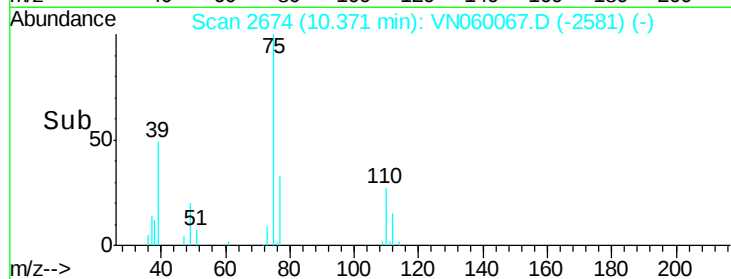
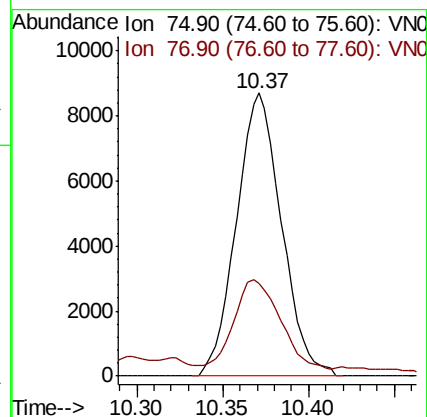
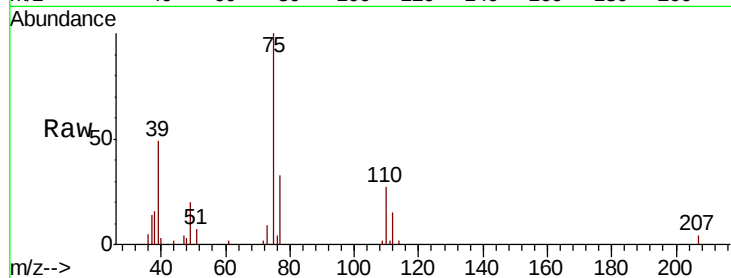
ClientSampleId :

Tot Ion: 75 Resp: 15824

Ion Ratio Lower Upper

75 100

77 29.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 4.794 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

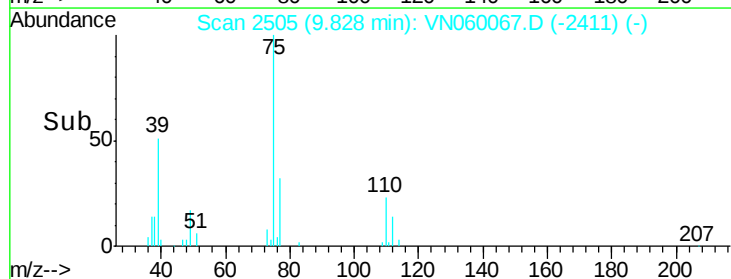
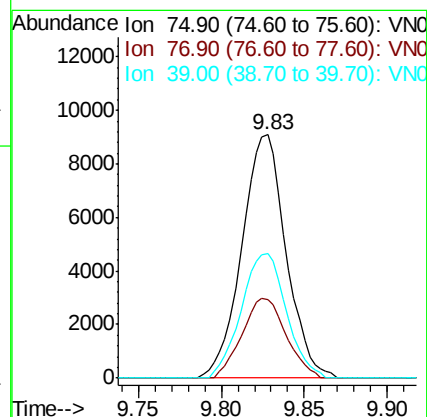
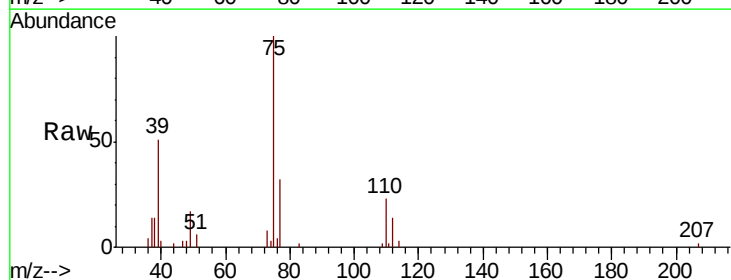
Tgt Ion: 75 Resp: 16801

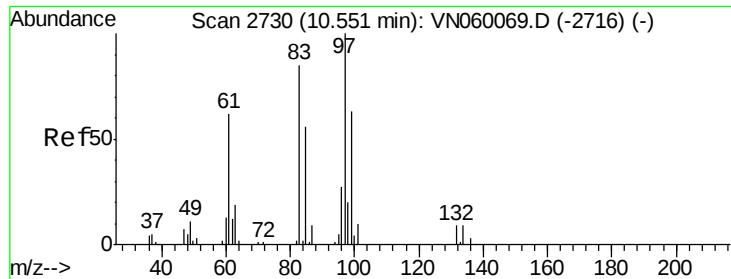
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 51.2 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 4.758 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 9994

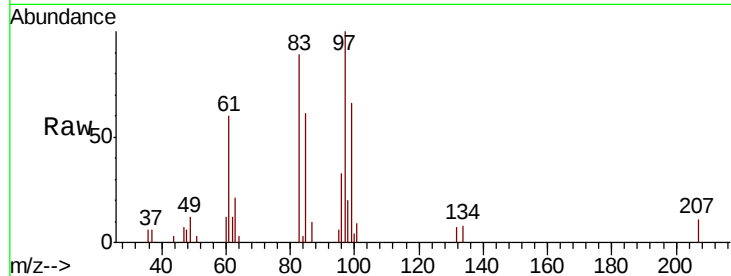
Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.9	101.9
85	61.4	44.6	67.0
99	66.1	50.1	75.1

97 100

83 89.1 67.9 101.9

85 61.4 44.6 67.0

99 66.1 50.1 75.1



Abundance

Ion 96.90 (96.60 to 97.60): VN0

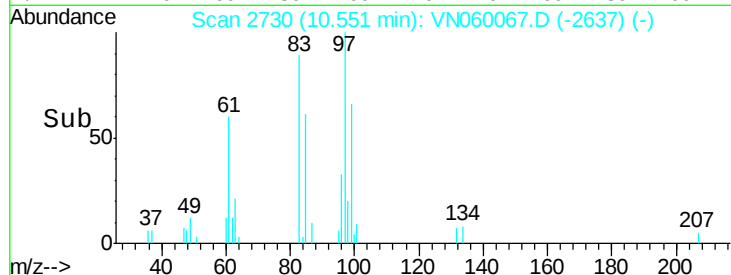
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

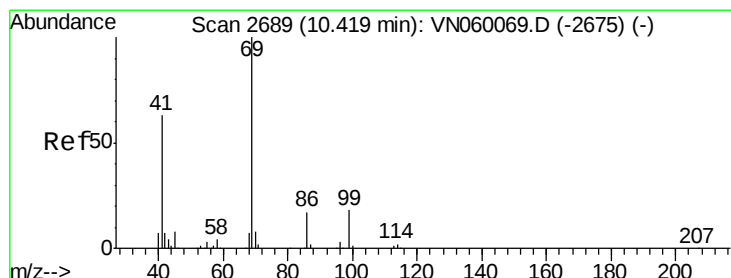
Ion 98.90 (98.60 to 99.60): VN0

10.55

Time-->



Time-->



#56

Ethyl methacrylate

Concen: 4.442 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

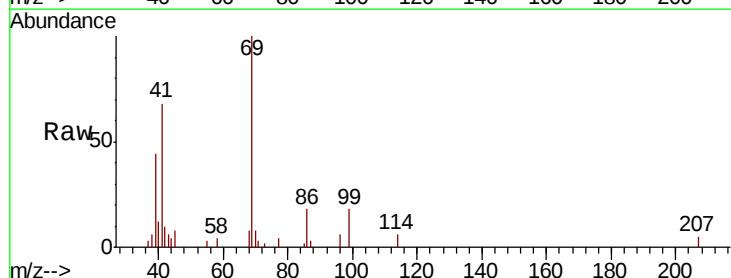
Tgt Ion: 69 Resp: 12413

Ion	Ratio	Lower	Upper
69	100		
41	68.2	51.1	76.7
39	43.4	33.8	50.8

69 100

41 68.2 51.1 76.7

39 43.4 33.8 50.8



Abundance

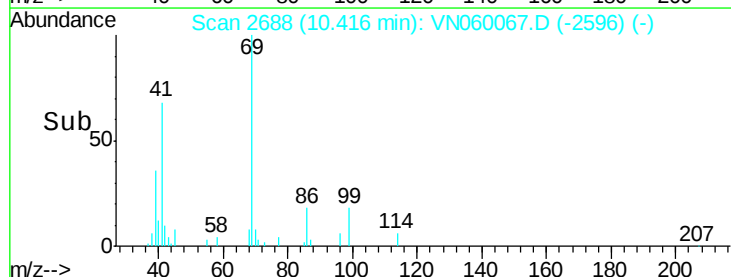
Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

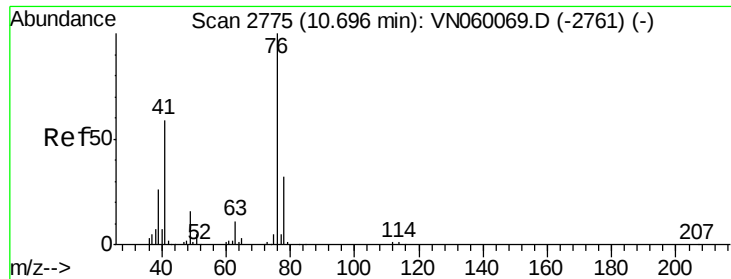
Ion 39.00 (38.70 to 39.70): VN0

10.42

Time-->



Time-->



#57

1,3-Dichloropropane

Concen: 4.797 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

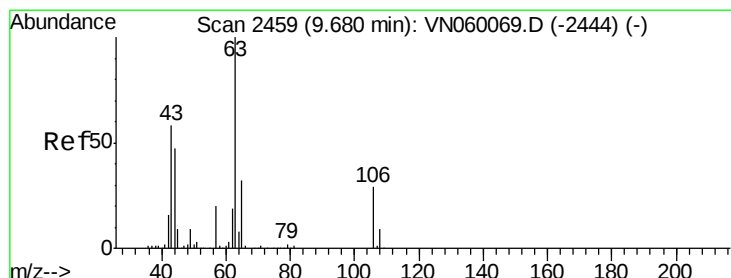
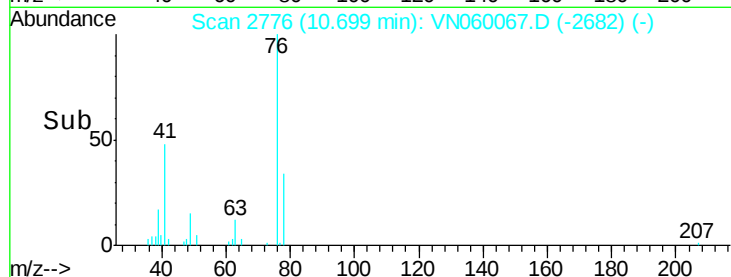
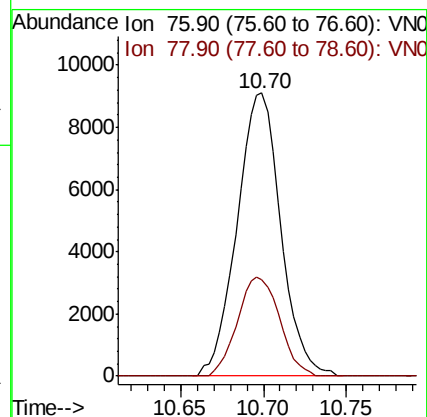
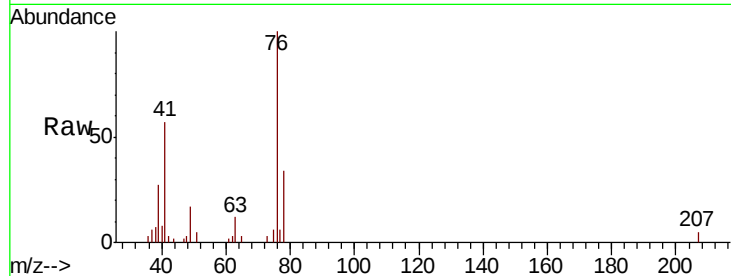
ClientSampled :

Tot Ion: 76 Resp: 16660

Ion Ratio Lower Upper

76 100

78 33.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 25.662 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060067.D

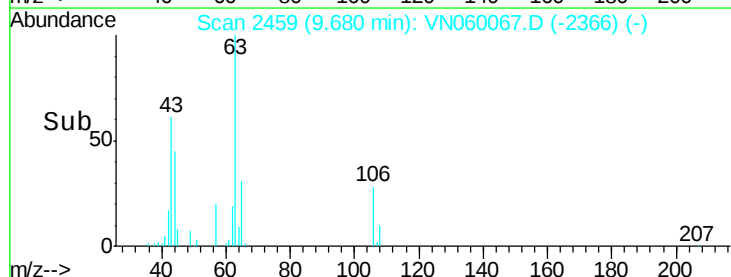
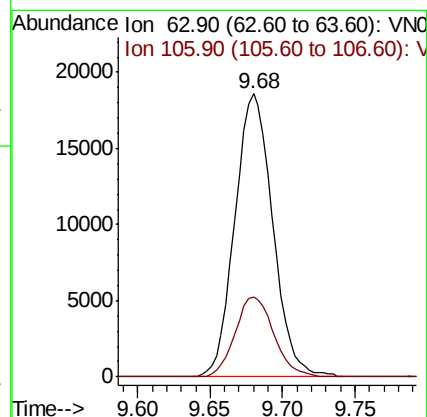
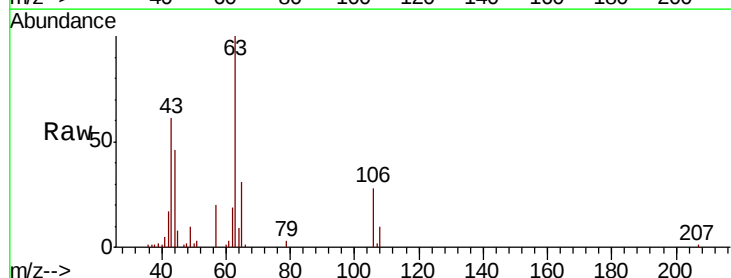
Acq: 12 Feb 2020 11:42

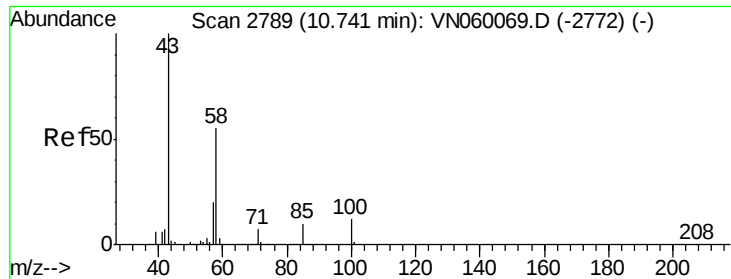
Tgt Ion: 63 Resp: 33812

Ion Ratio Lower Upper

63 100

106 28.8 22.9 34.3





#59

2-Hexanone

Concen: 22.561 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

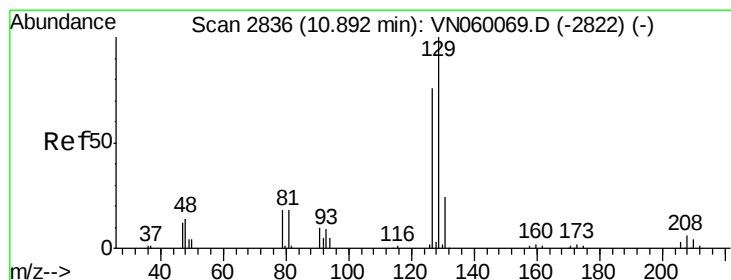
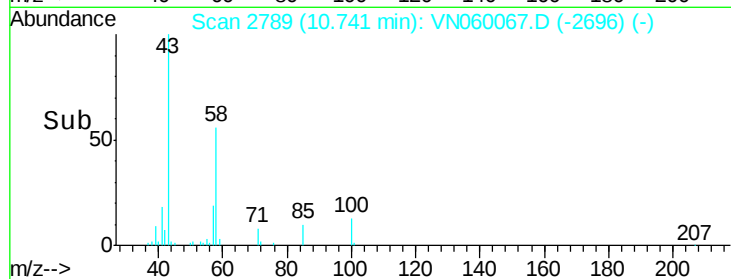
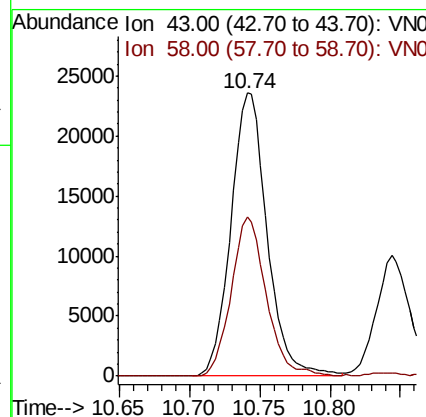
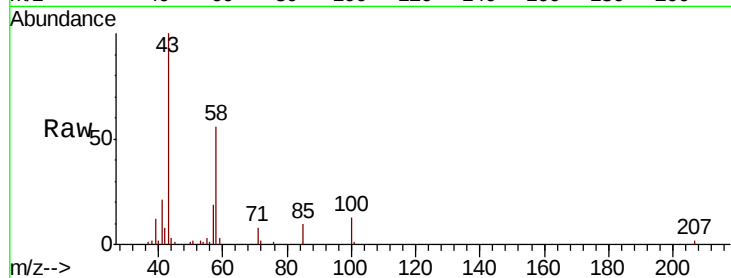
ClientSampled :

Tot Ion: 43 Resp: 42273

Ion Ratio Lower Upper

43 100

58 54.3 27.5 82.4



#60

Dibromochloromethane

Concen: 4.661 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN060067.D

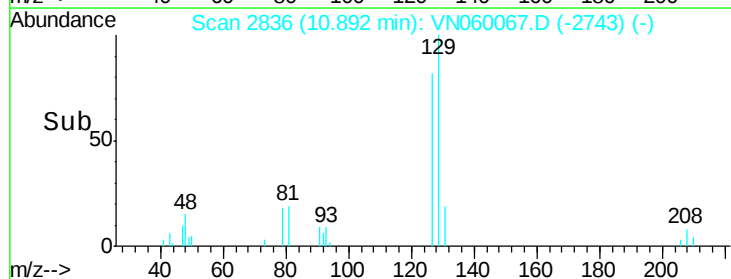
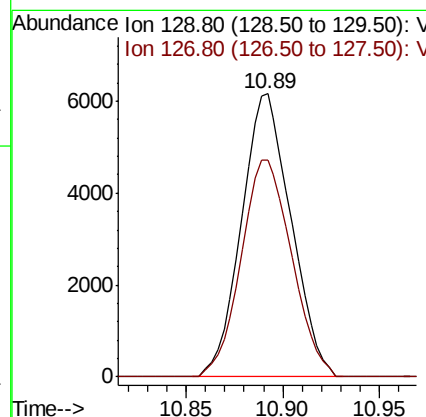
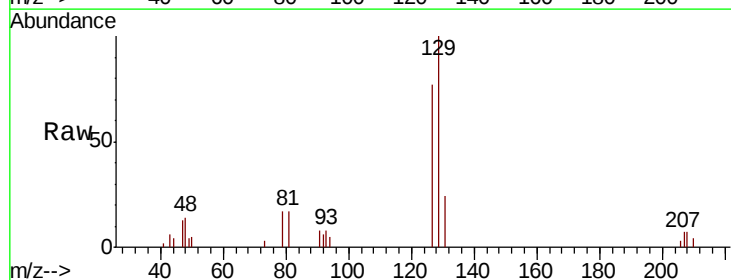
Acq: 12 Feb 2020 11:42

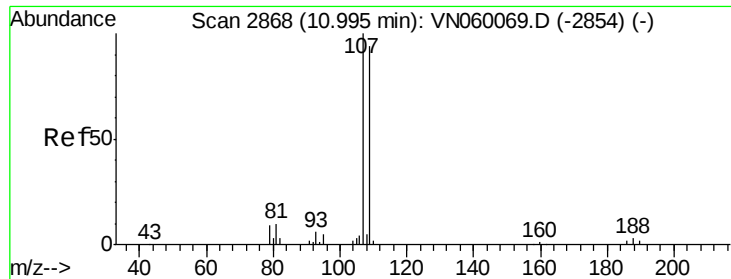
Tgt Ion: 129 Resp: 10955

Ion Ratio Lower Upper

129 100

127 78.3 38.0 114.1

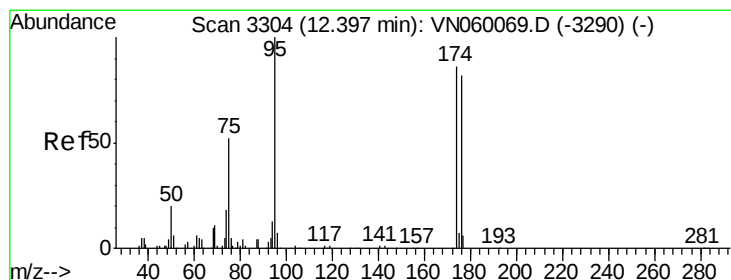
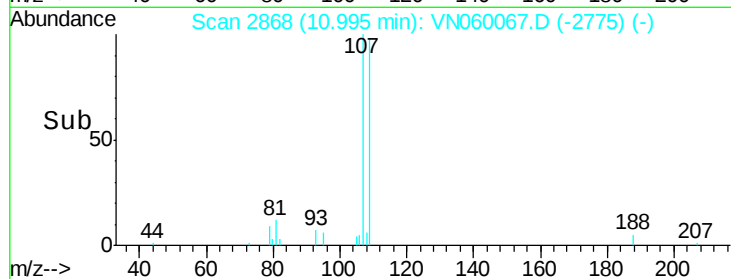
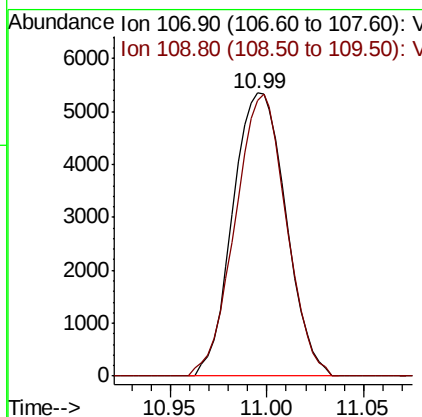
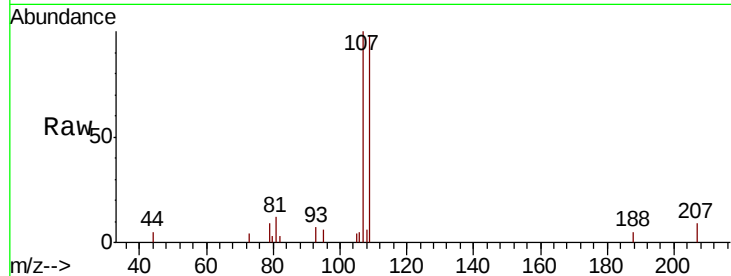




#61
 1,2-Dibromoethane
 Concen: 4.727 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

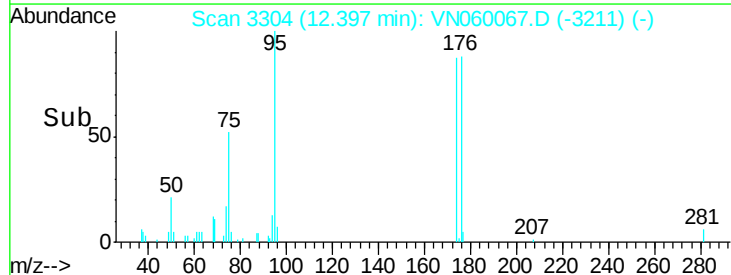
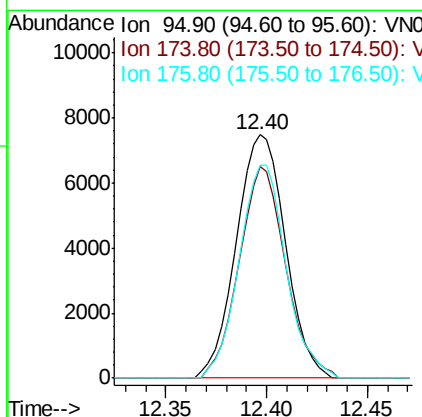
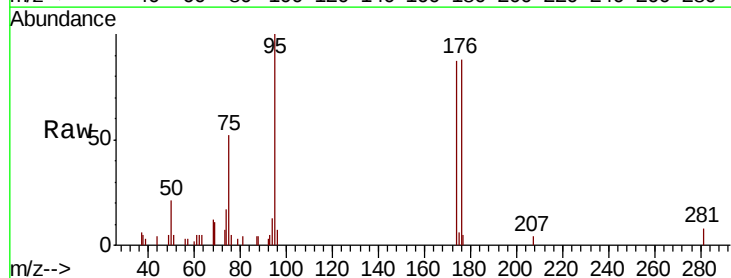
Instrument :
 MSVOA_N
 ClientSampleId :

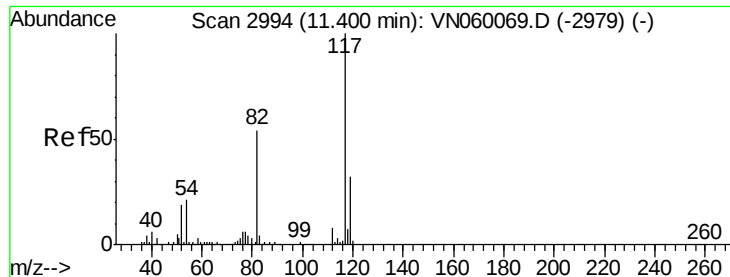
Tot Ion:107 Resp: 10208
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 4.914 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

Tgt Ion: 95 Resp: 12782
 Ion Ratio Lower Upper
 95 100
 174 82.2 0.0 169.8
 176 83.6 0.0 164.8

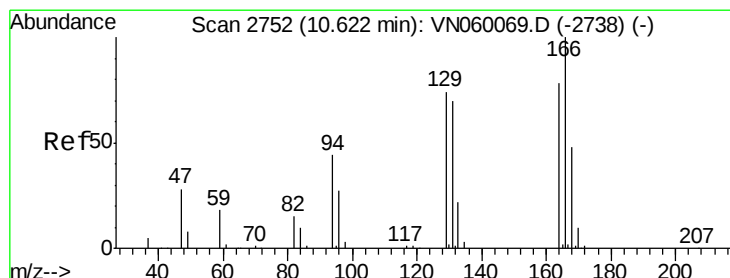
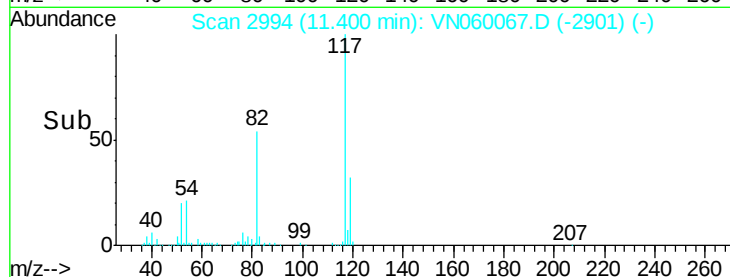
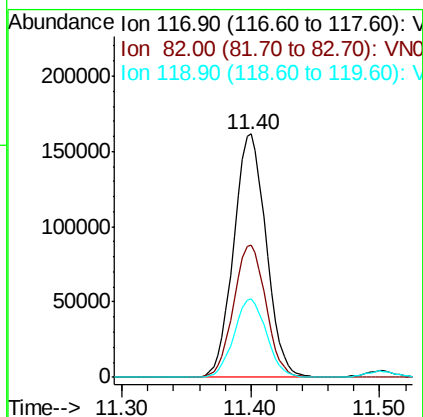
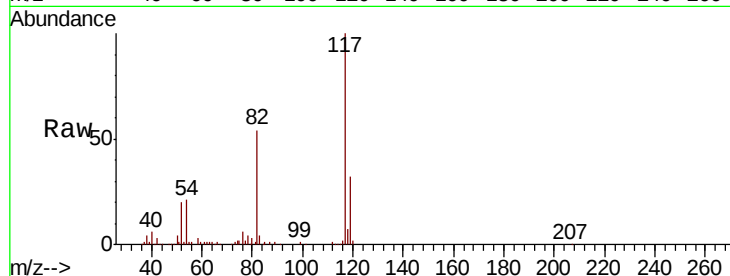




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

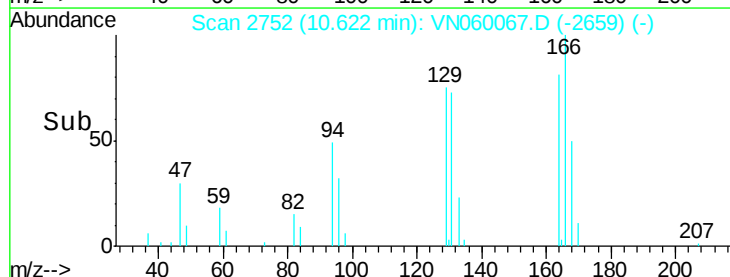
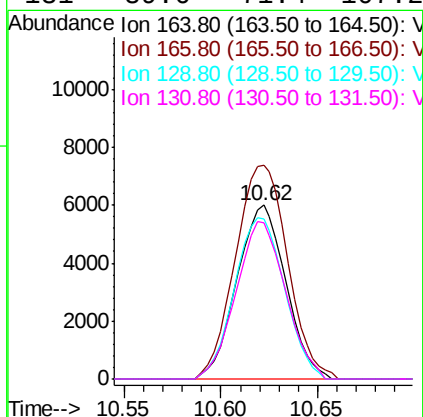
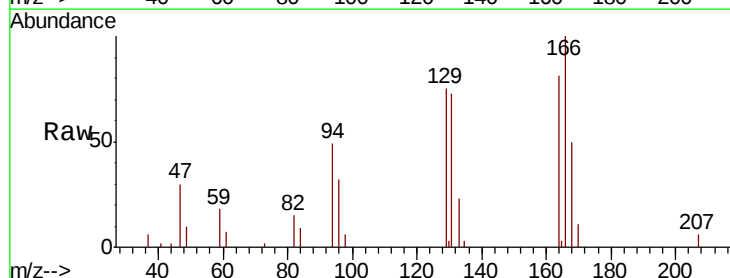
Instrument :
MSVOA_N
ClientSampled :

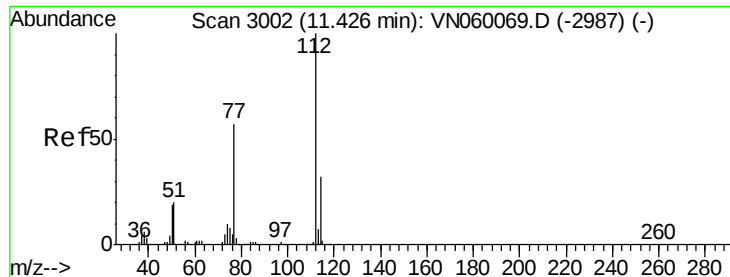
Tot Ion:117 Resp: 282817
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 4.765 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion:164 Resp: 10572
Ion Ratio Lower Upper
164 100
166 122.9 101.9 152.9
129 92.3 75.4 113.0
131 89.6 71.4 107.2





#65

Chlorobenzene

Concen: 4.811 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

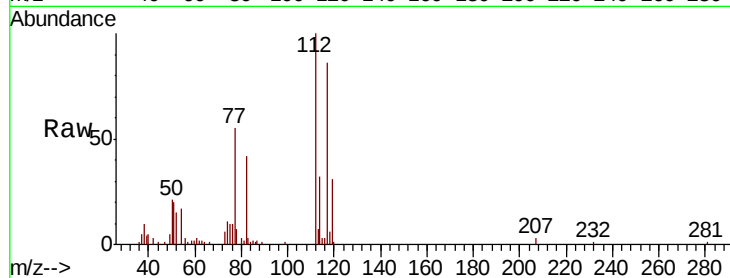
ClientSampleId :

Tot Ion:112 Resp: 27850

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

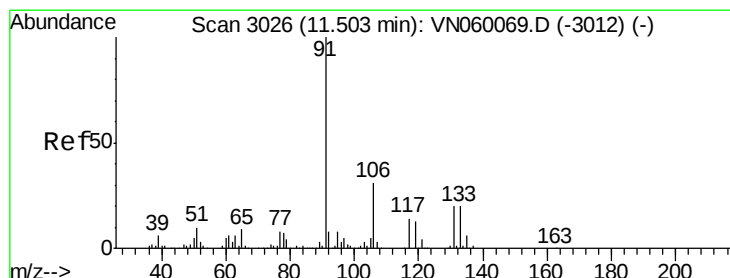
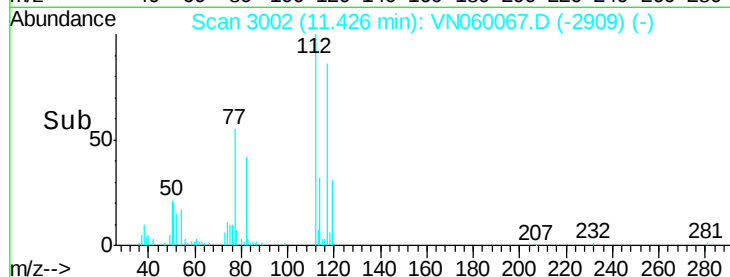
15000

10000

5000

0

Time--> 11.35 11.40 11.45 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 4.909 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

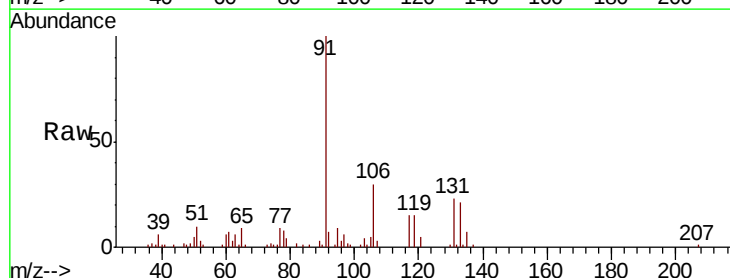
Tgt Ion:131 Resp: 10636

Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.7

119 66.4 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.50

8000

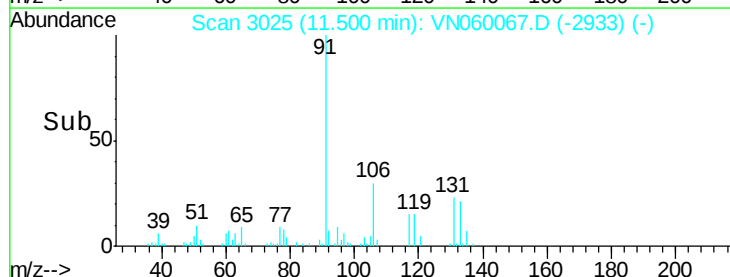
6000

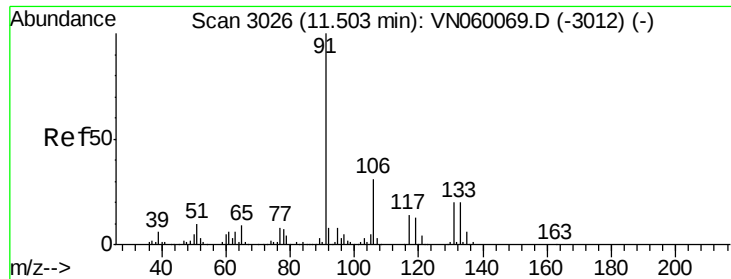
4000

2000

0

Time--> 11.45 11.50 11.55

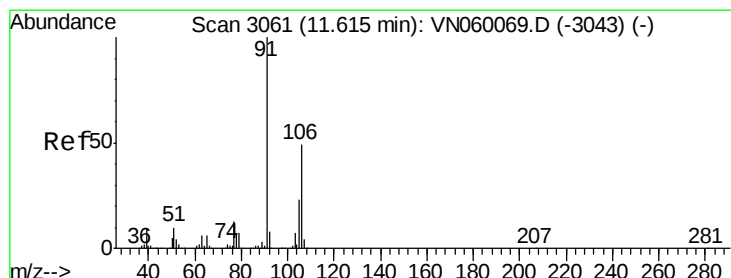
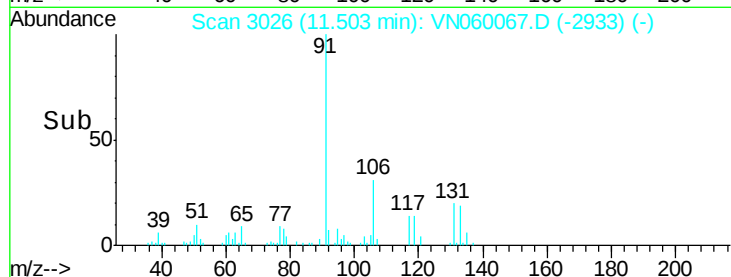
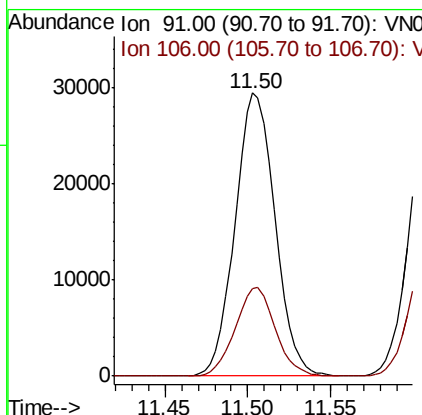
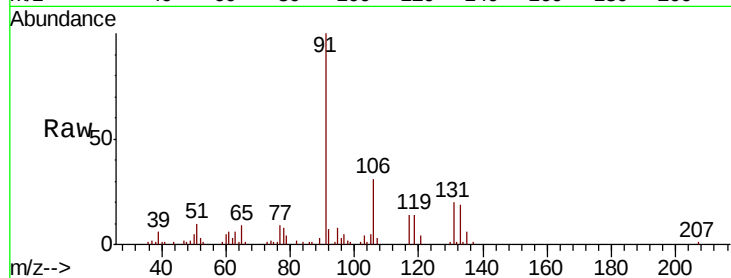




#67
Ethyl Benzene
Concen: 4.754 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

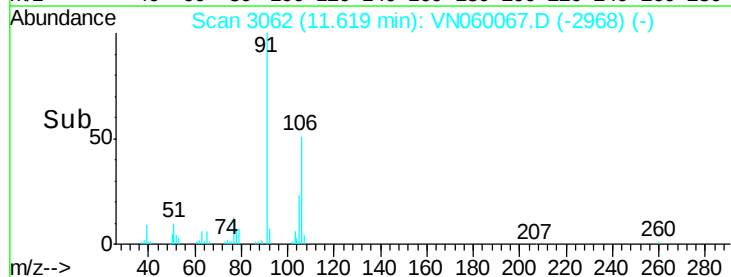
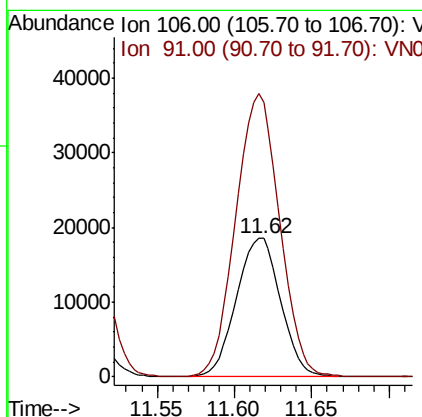
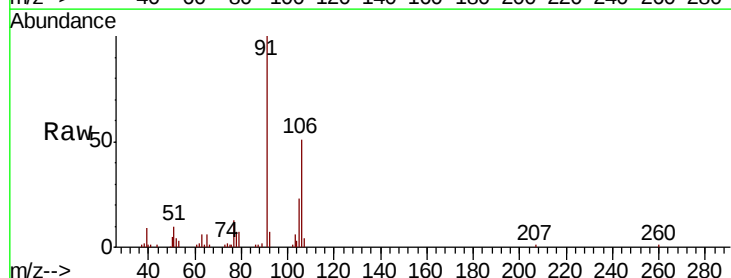
Instrument :
MSVOA_N
ClientSampleId :

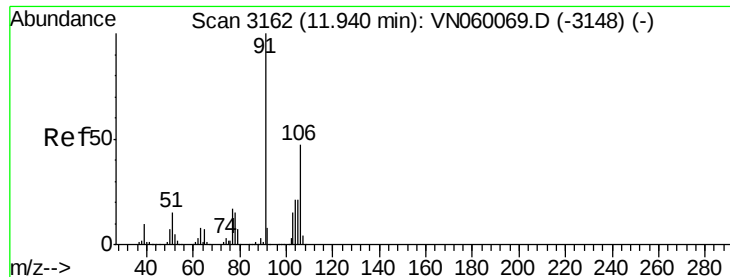
Tot Ion: 91 Resp: 49508
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7



#68
m/p-Xylenes
Concen: 9.517 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 106 Resp: 36881
Ion Ratio Lower Upper
106 100
91 202.7 162.7 244.1

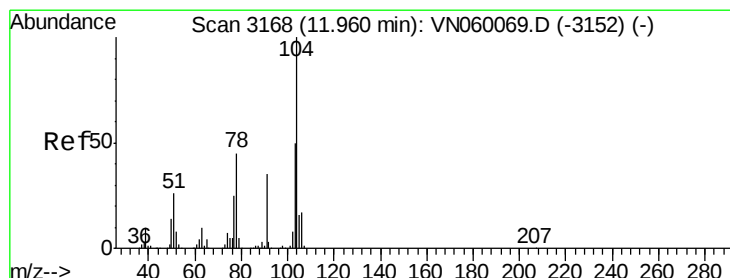
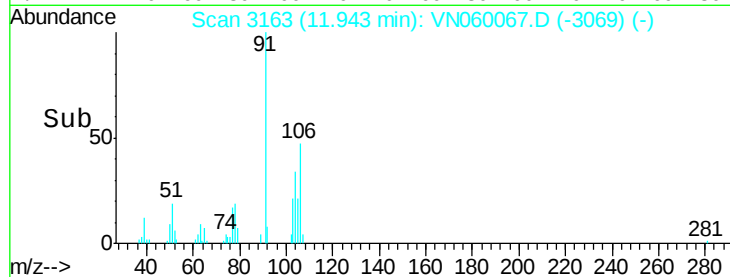
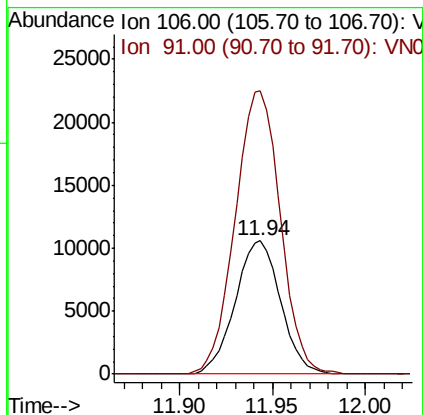
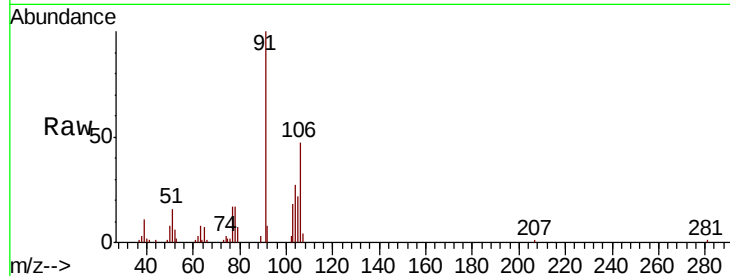




#69
o-Xylene
Concen: 4.843 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

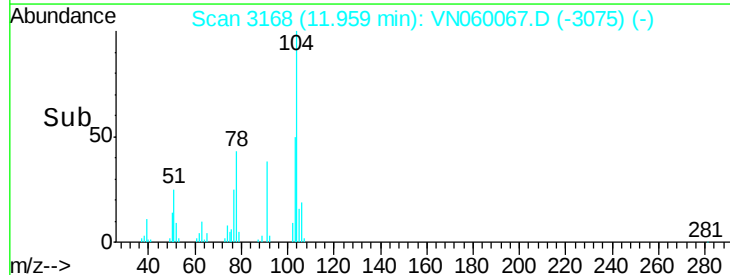
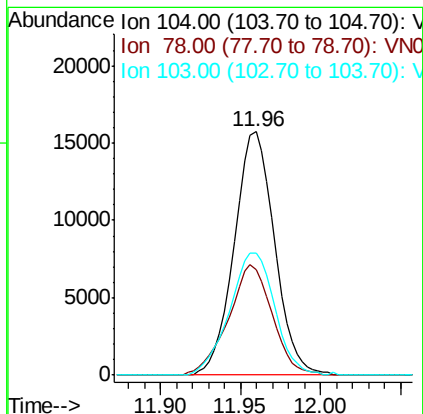
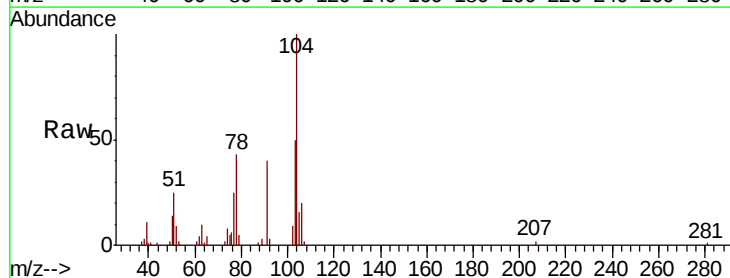
Instrument :
MSVOA_N
ClientSampled :

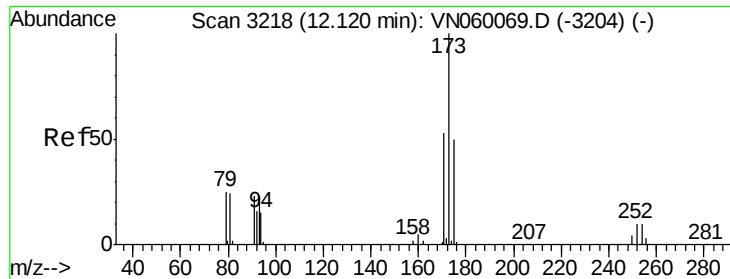
Tot Ion:106 Resp: 18037
Ion Ratio Lower Upper
106 100
91 211.4 107.2 321.6



#70
Styrene
Concen: 4.684 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion:104 Resp: 27060
Ion Ratio Lower Upper
104 100
78 49.2 40.2 60.2
103 56.2 44.3 66.5

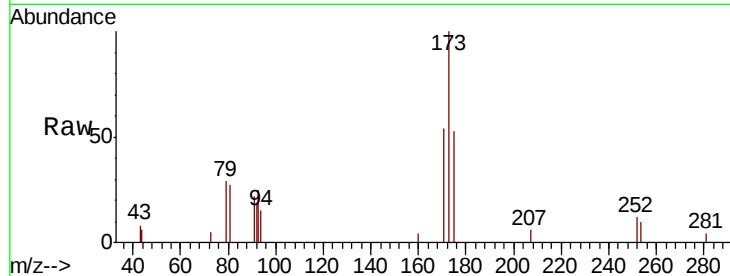




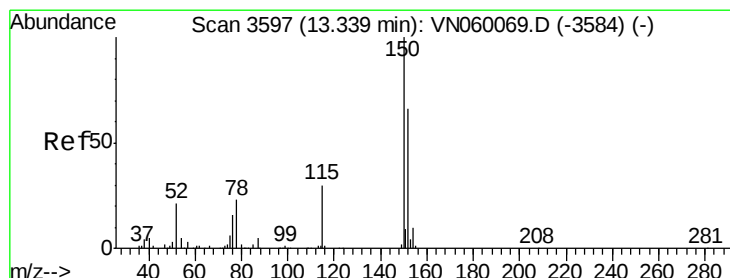
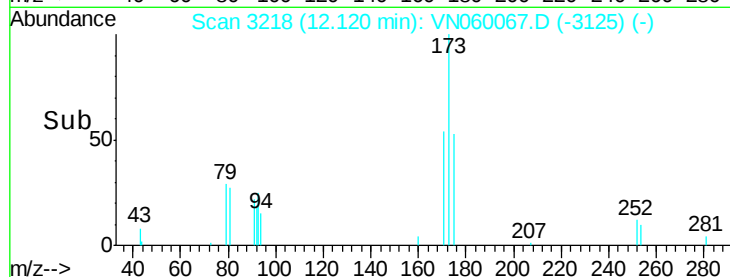
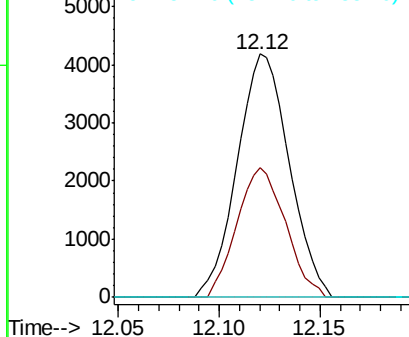
#71
Bromoform
Concen: 4.530 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.6
254	0.0	0.0	0.0

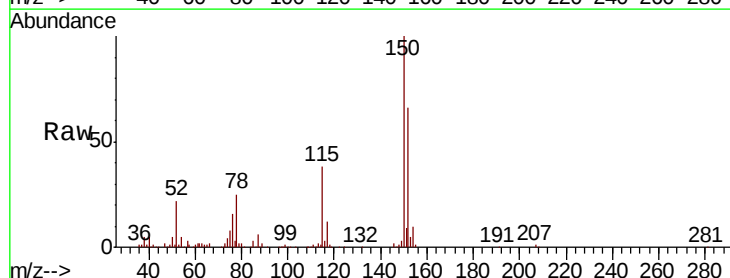


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

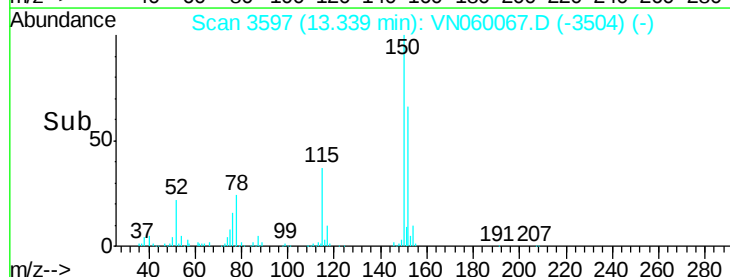
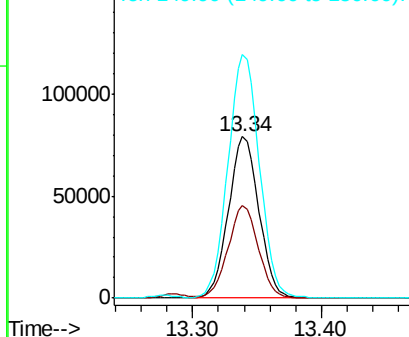


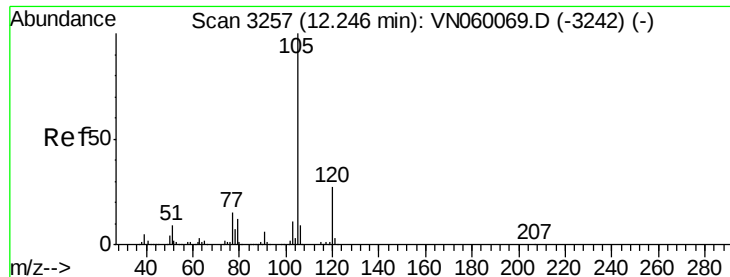
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.9	86.8
150	154.6	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: 4.744 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

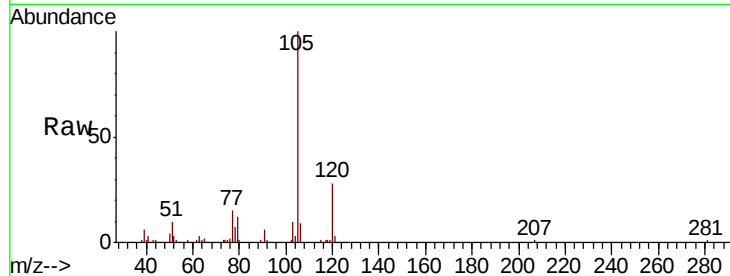
ClientSampleId :

Tot Ion: 105 Resp: 47057

Ion Ratio Lower Upper

105 100

120 28.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

30000

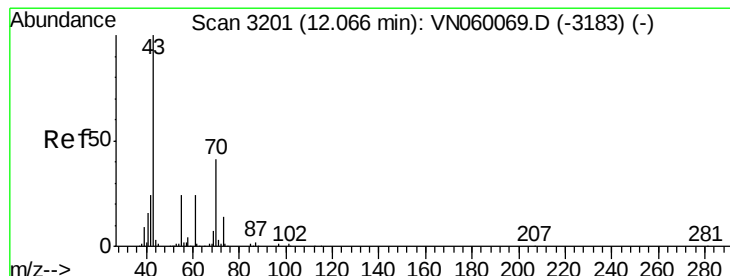
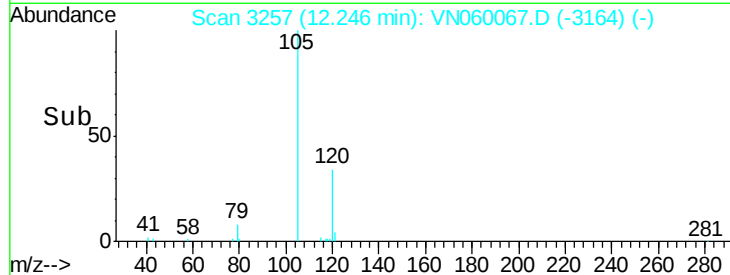
20000

10000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 4.513 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Tgt Ion: 43 Resp: 15271

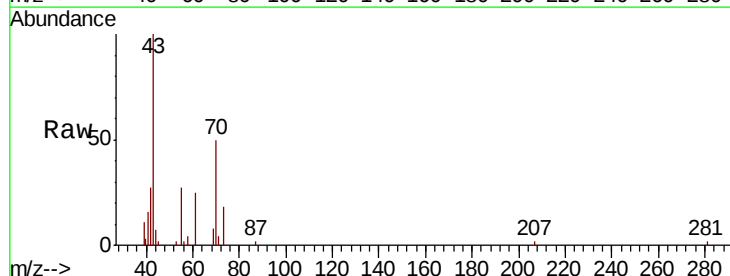
Ion Ratio Lower Upper

43 100

70 43.8 33.4 50.0

55 24.2 18.8 28.2

61 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

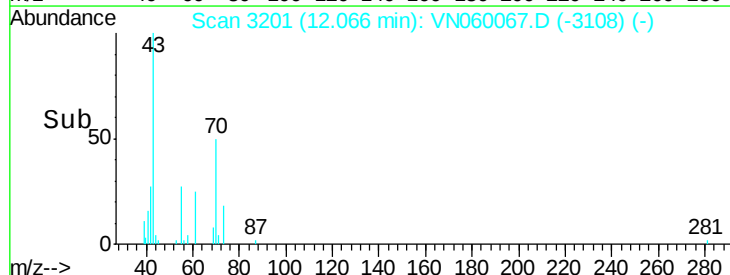
10000

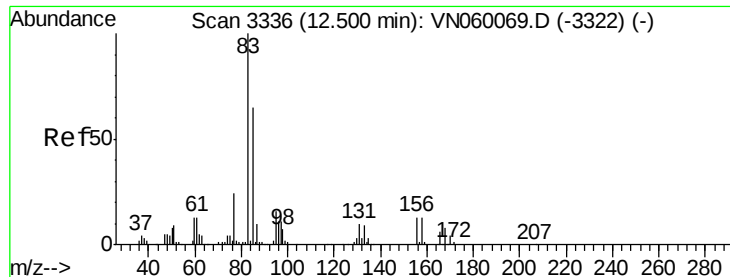
5000

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 4.801 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

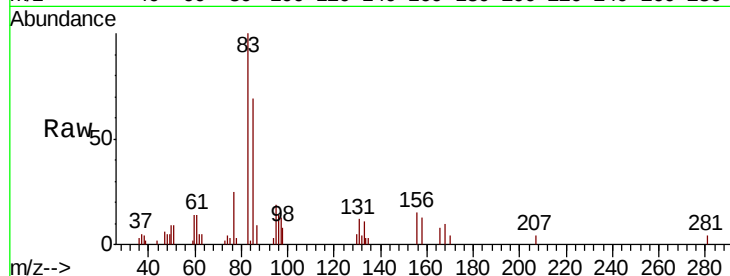
Tot Ion: 83 Resp: 13482

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

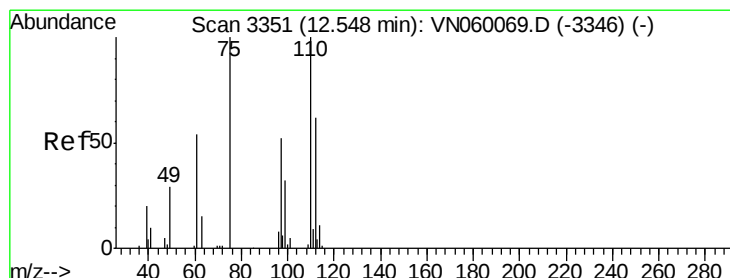
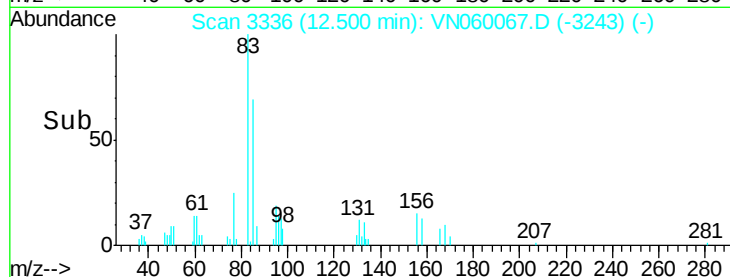
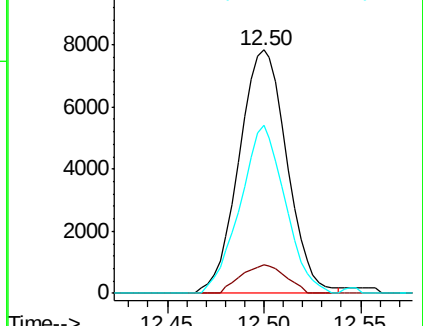
85 65.1 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 5.197 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060067.D

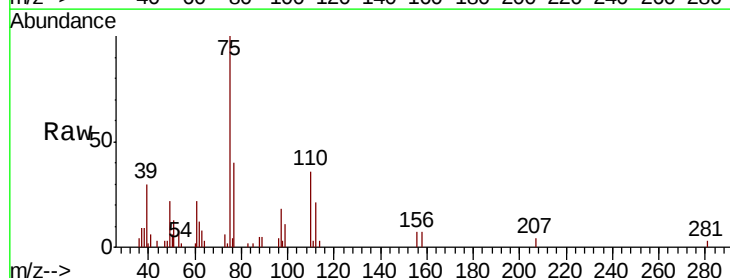
Acq: 12 Feb 2020 11:42

Tgt Ion: 75 Resp: 18320

Ion Ratio Lower Upper

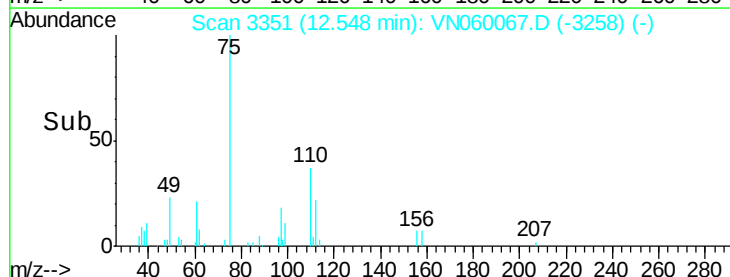
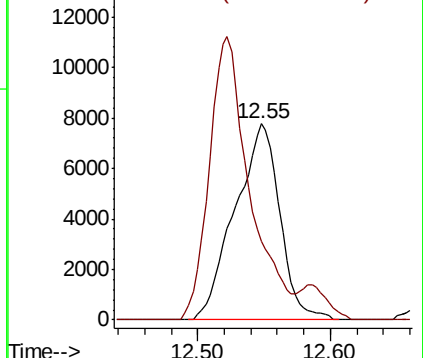
75 100

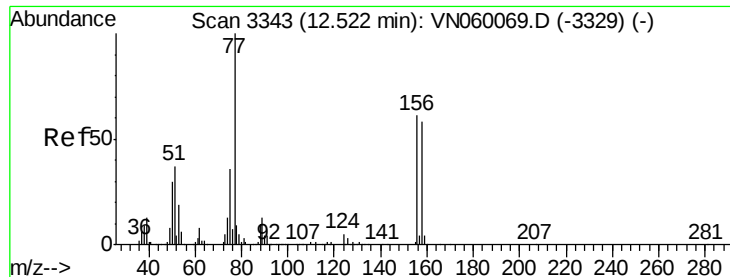
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

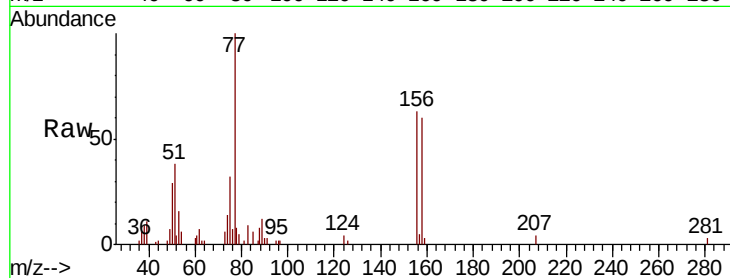




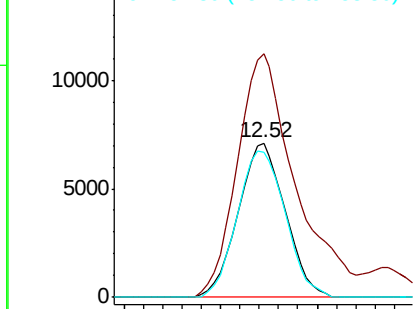
#77
Bromobenzene
Concen: 4.936 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Instrument :
MSVOA_N
ClientSampled :

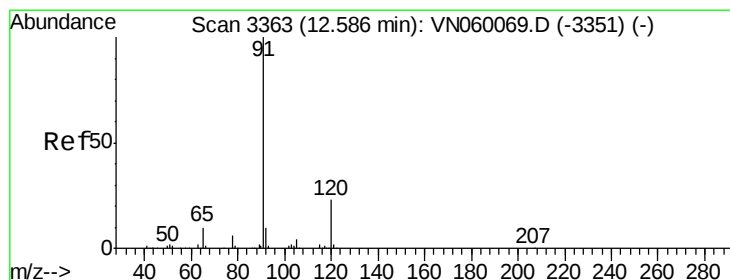
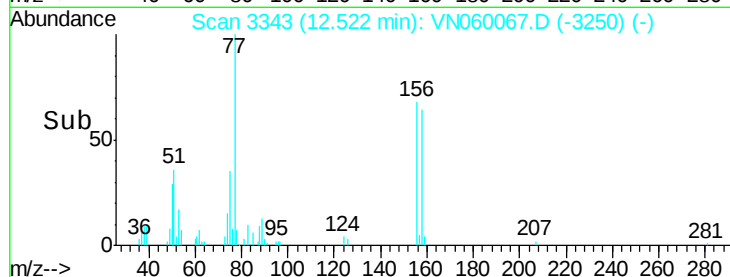
Tot Ion:156 Resp: 12052
Ion Ratio Lower Upper
156 100
77 195.1 98.7 296.1
158 96.7 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

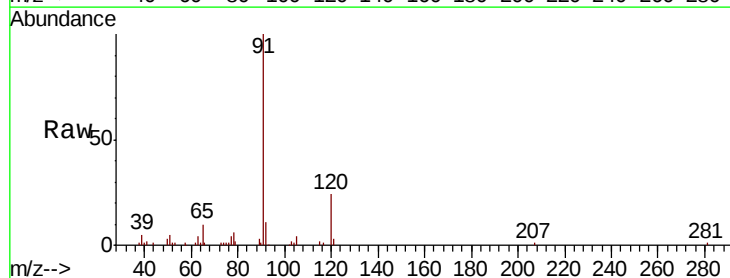


Time--> 12.45 12.50 12.55

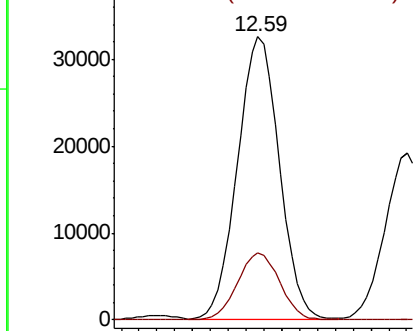


#78
n-propylbenzene
Concen: 4.748 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

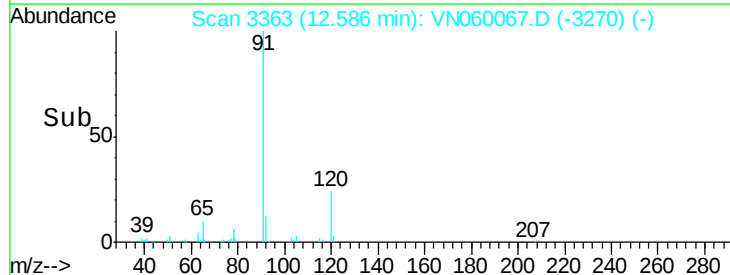
Tgt Ion: 91 Resp: 53426
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.5

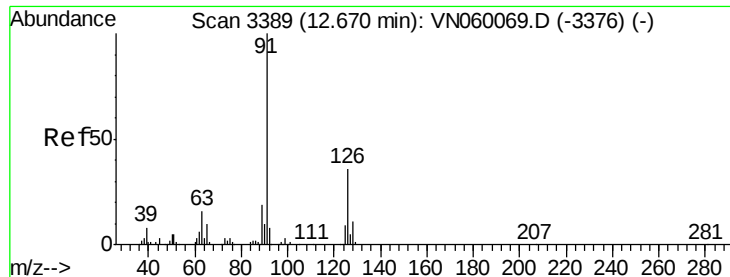


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V



Time--> 12.55 12.60 12.65

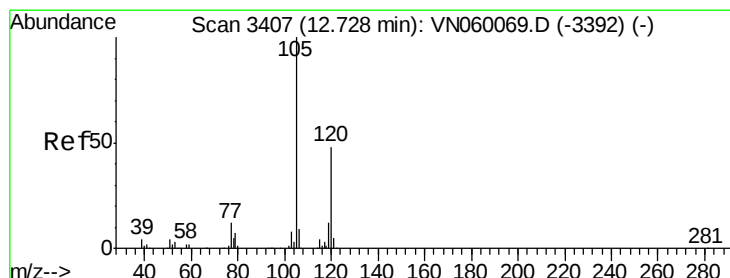
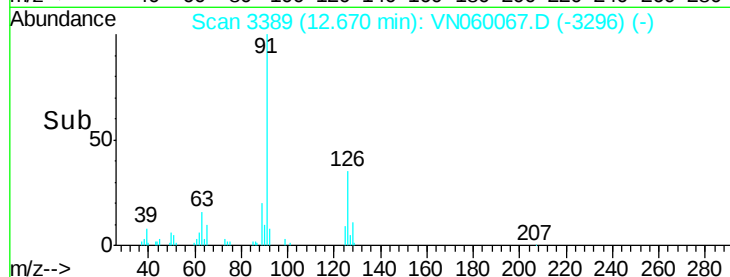
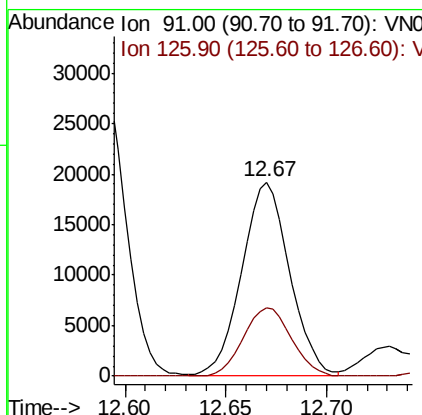
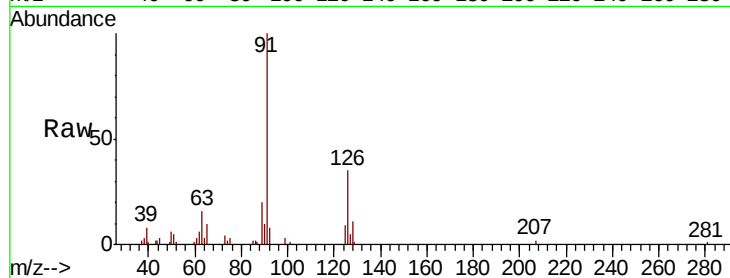




#79
2-Chlorotoluene
Concen: 4.810 ug/l
RT: 12.67 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

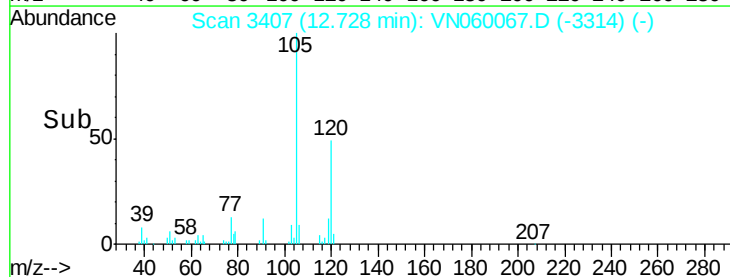
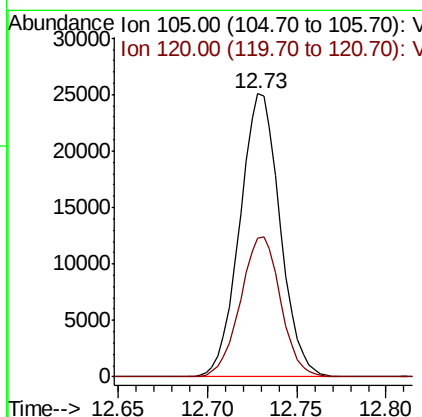
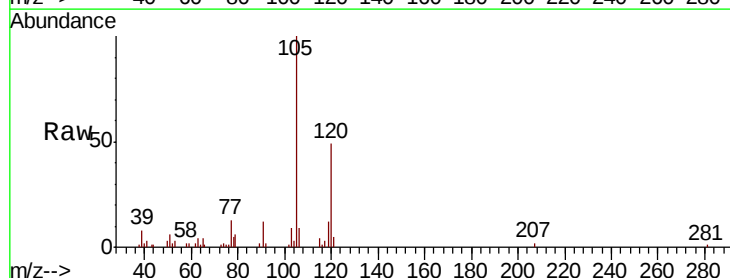
Instrument :
MSVOA_N
ClientSampled :

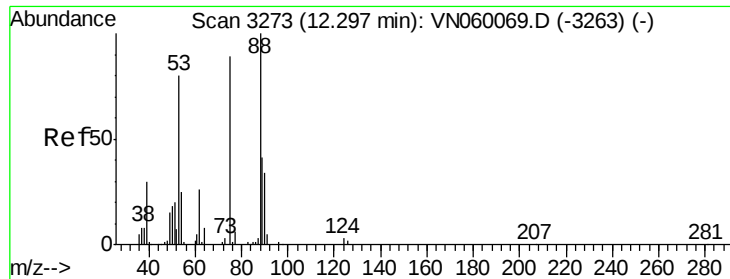
Tot Ion: 91 Resp: 31944
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 4.811 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 105 Resp: 39387
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.9

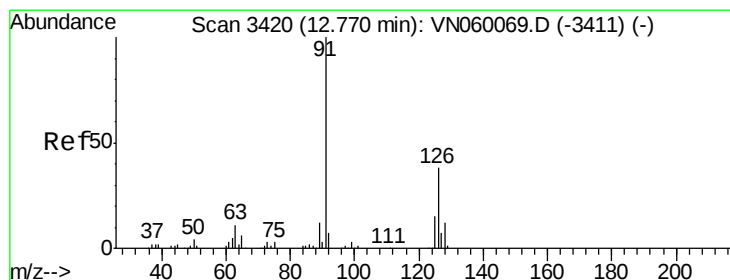
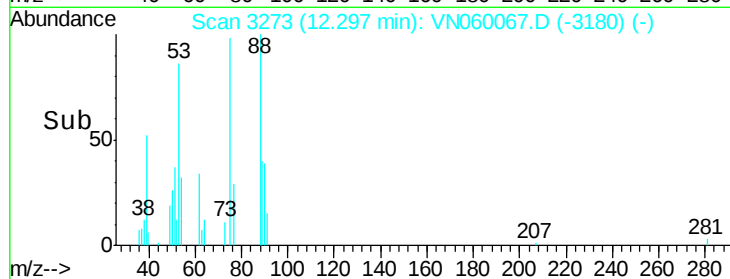
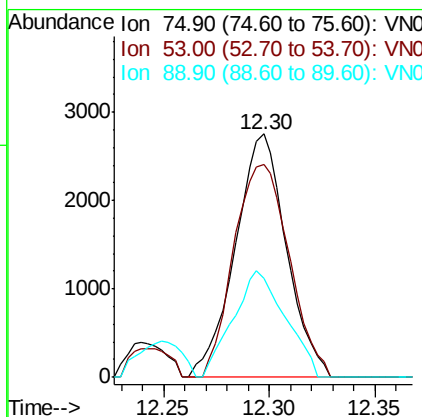
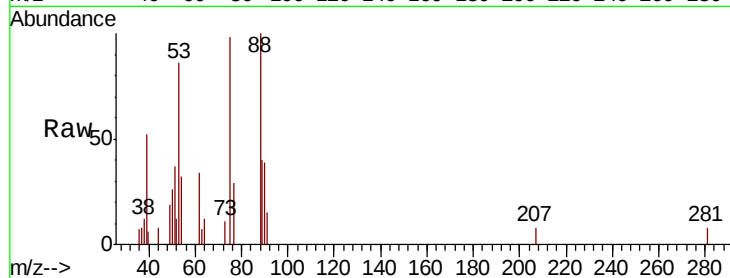




#81
trans-1,4-Dichloro-2-butene
Concen: 4.766 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

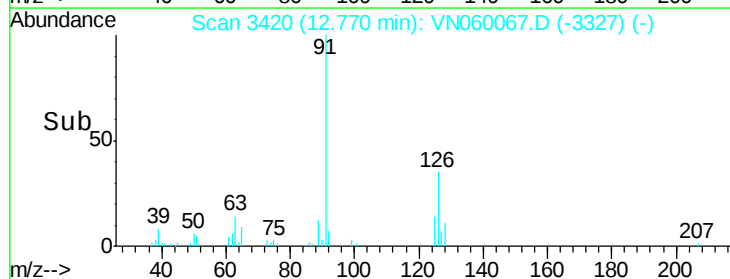
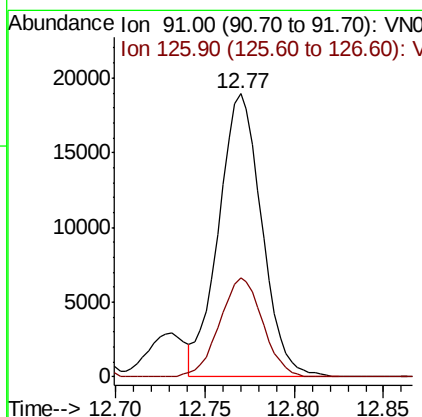
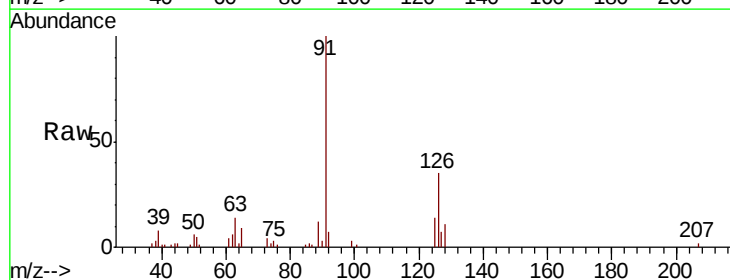
Instrument :
MSVOA_N
ClientSampleId :

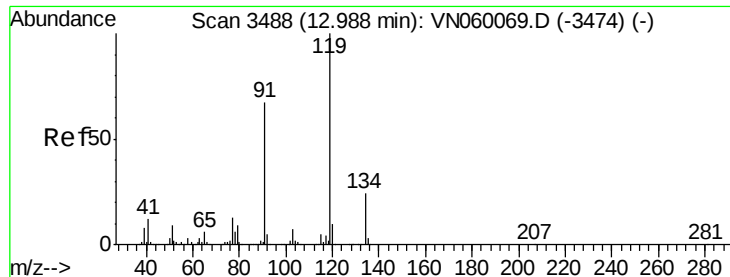
Tot Ion: 75 Resp: 4645
Ion Ratio Lower Upper
75 100
53 94.7 73.9 110.9
89 44.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 4.739 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion: 91 Resp: 31870
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.3

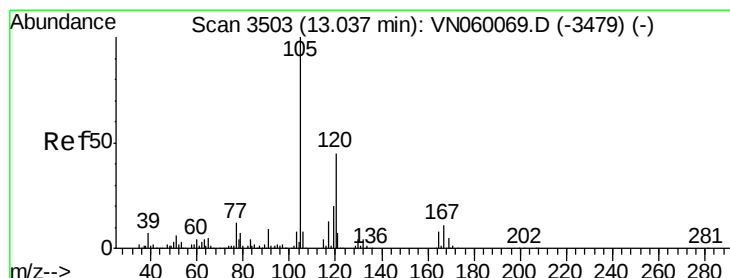
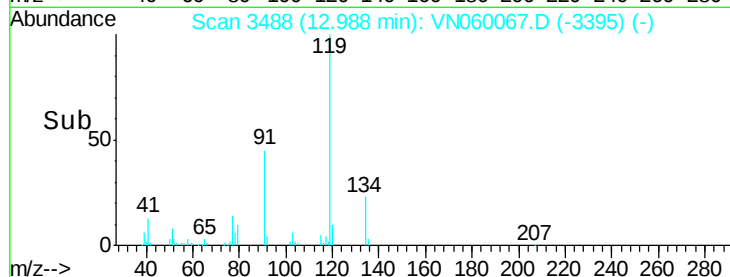
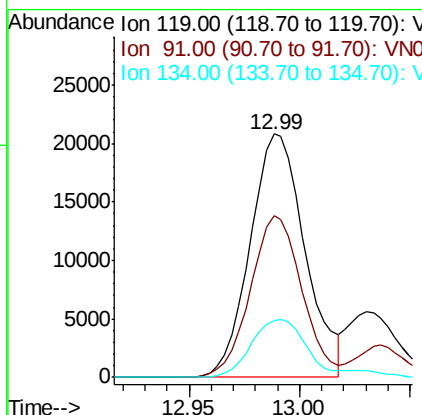
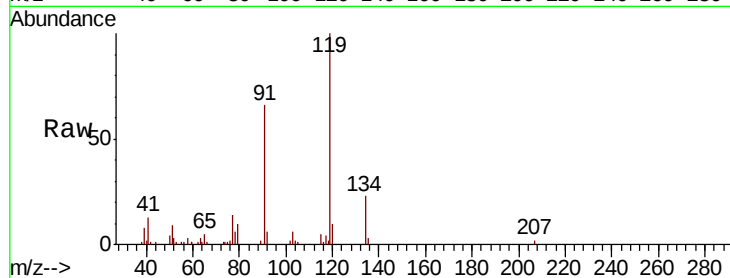




#83
 tert-Butylbenzene
 Concen: 4.873 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

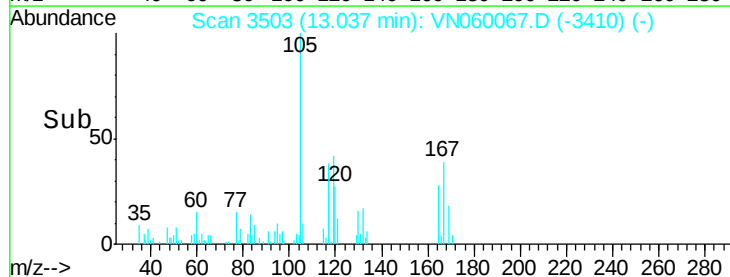
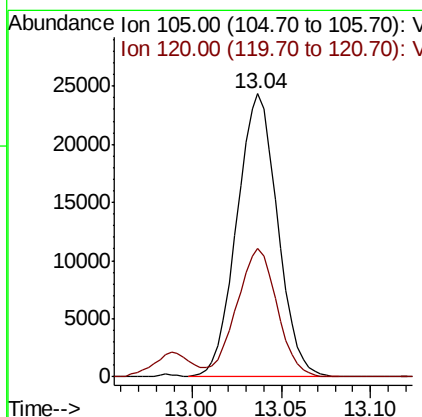
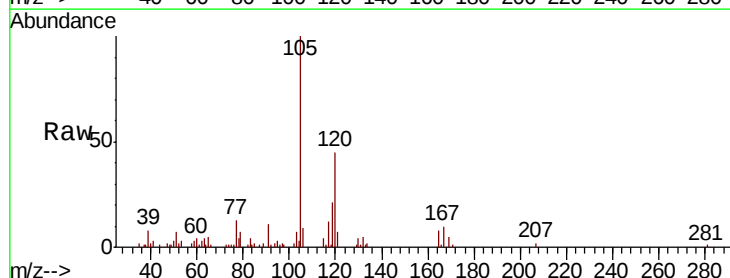
Instrument :
 MSVOA_N
 ClientSampled :

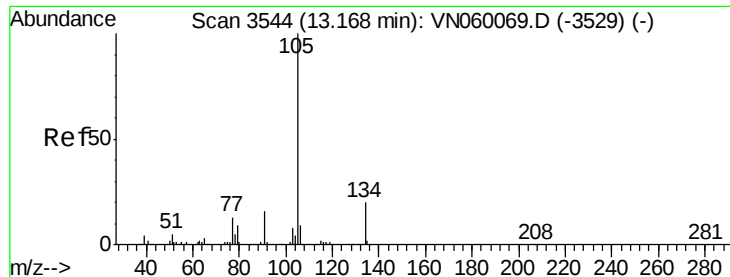
Tot Ion:119 Resp: 35873
 Ion Ratio Lower Upper
 119 100
 91 62.3 32.7 98.1
 134 25.6 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 4.838 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

Tgt Ion:105 Resp: 38717
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 4.745 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

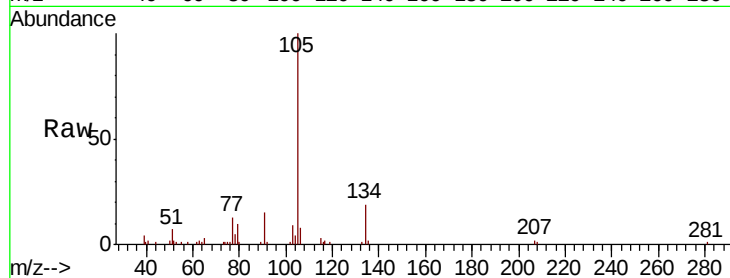
ClientSampleId :

Tot Ion:105 Resp: 45692

Ion Ratio Lower Upper

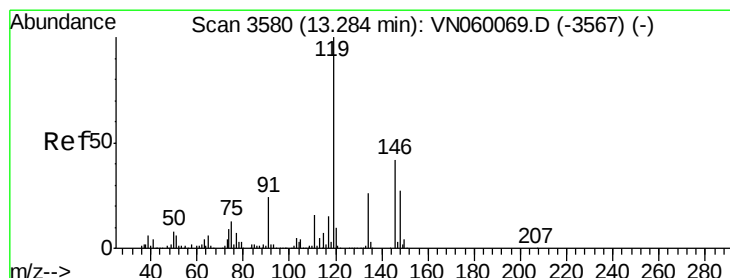
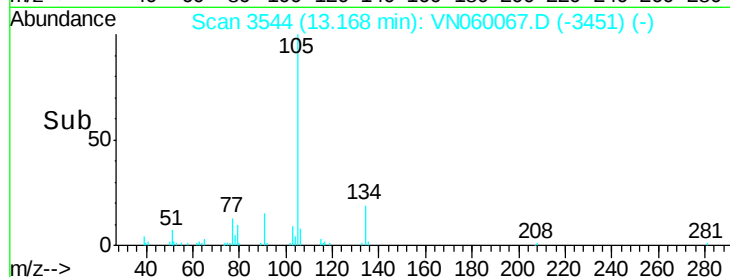
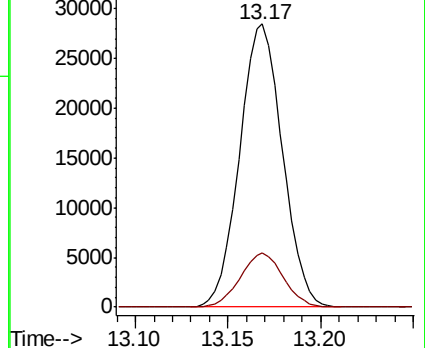
105 100

134 19.1 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: 4.843 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

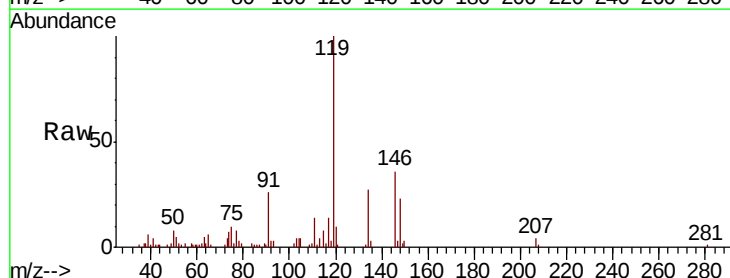
Tgt Ion:119 Resp: 41771

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.8

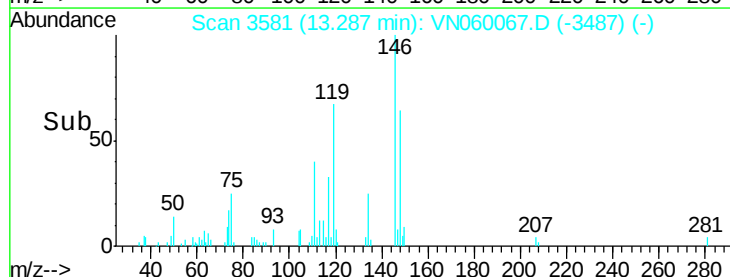
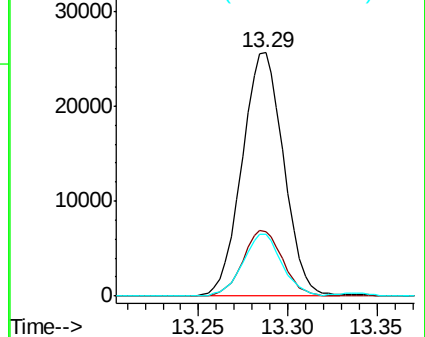
91 23.9 11.9 35.9

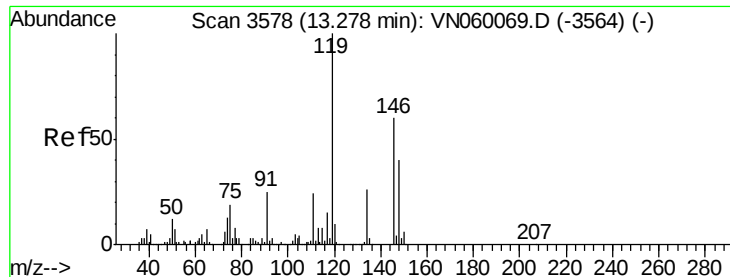


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

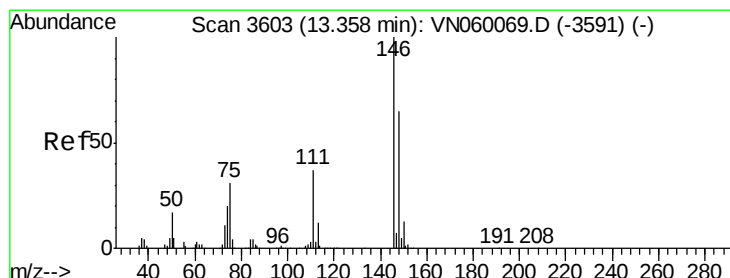
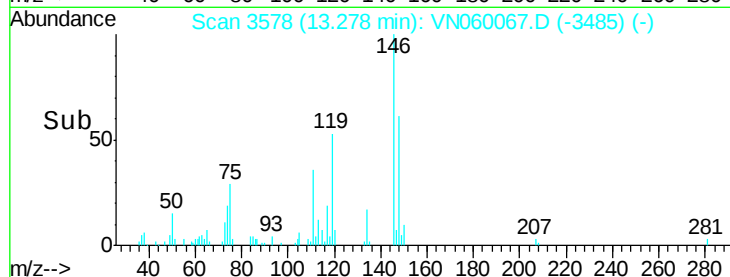
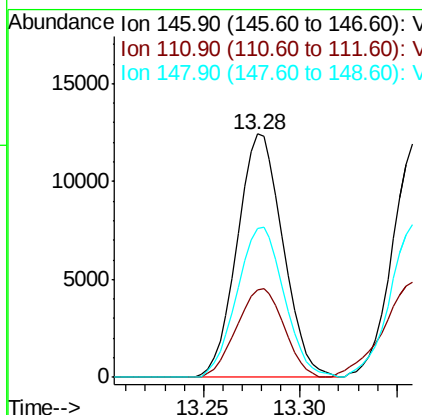
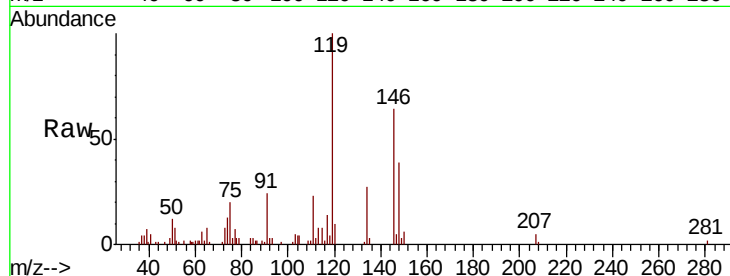




#87
 1,3-Dichlorobenzene
 Concen: 4.799 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

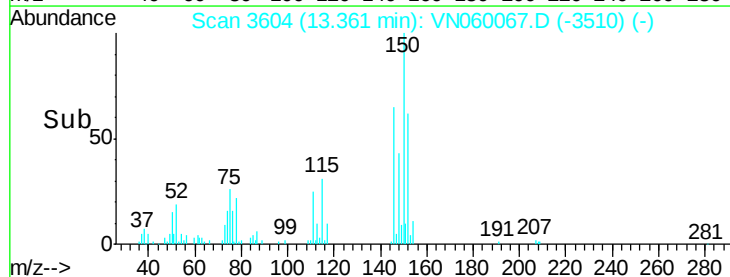
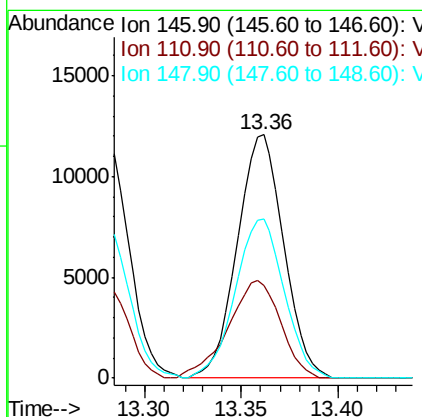
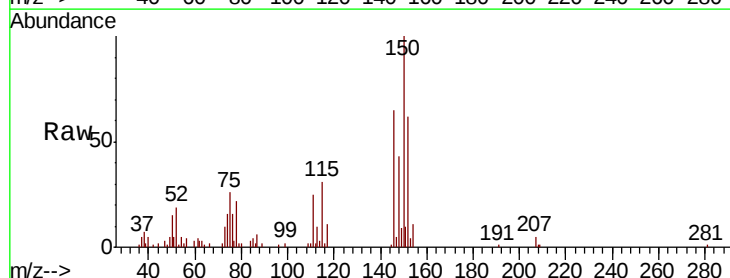
Instrument :
 MSVOA_N
 ClientSampleId :

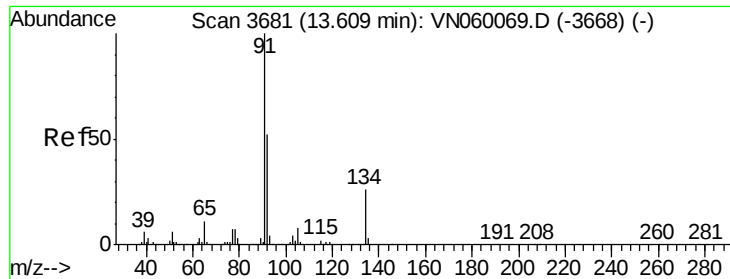
Tot Ion:146 Resp: 20466
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.8 59.3
 148 63.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 4.773 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

Tgt Ion:146 Resp: 20193
 Ion Ratio Lower Upper
 146 100
 111 45.2 18.9 56.5
 148 68.9 32.0 96.0





#89

n-Butylbenzene

Concen: 4.662 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

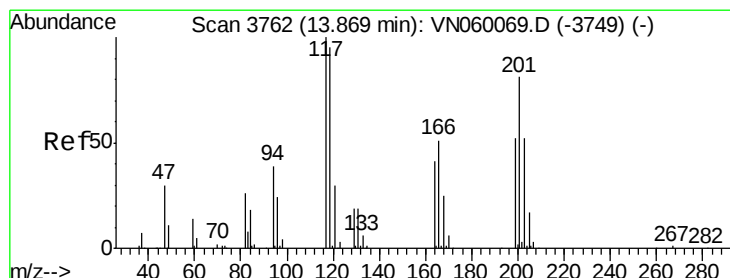
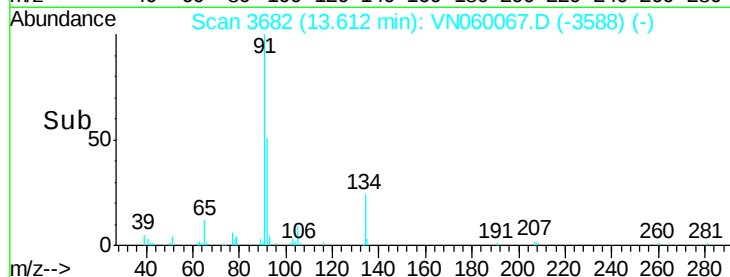
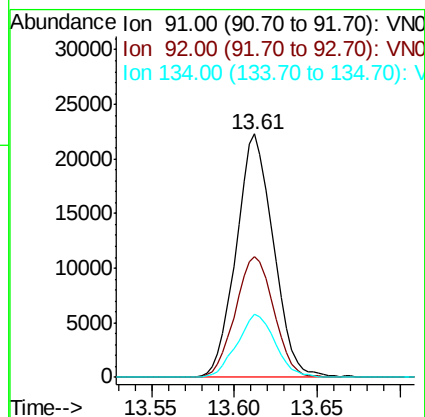
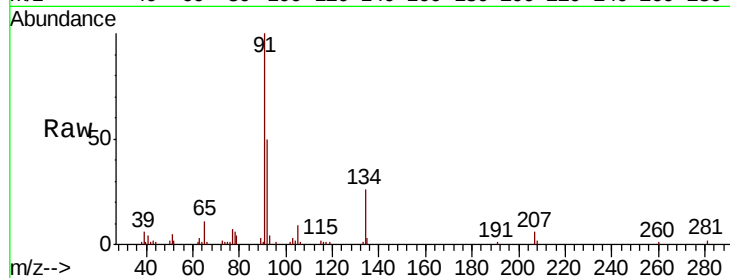
Tot Ion: 91 Resp: 34828

Ion Ratio Lower Upper

91 100

92 51.4 26.1 78.2

134 26.4 13.1 39.3



#90

Hexachloroethane

Concen: 4.912 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060067.D

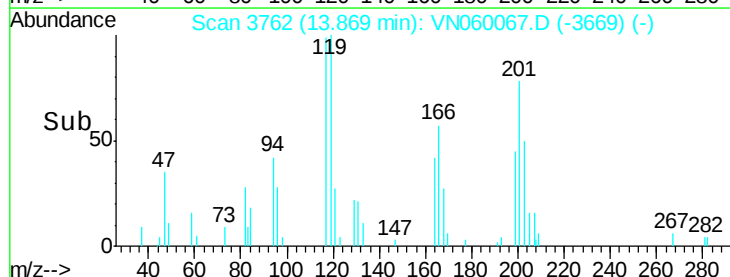
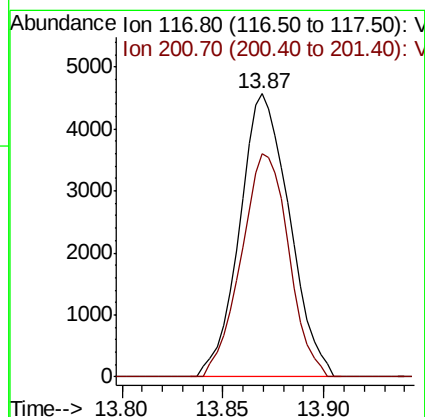
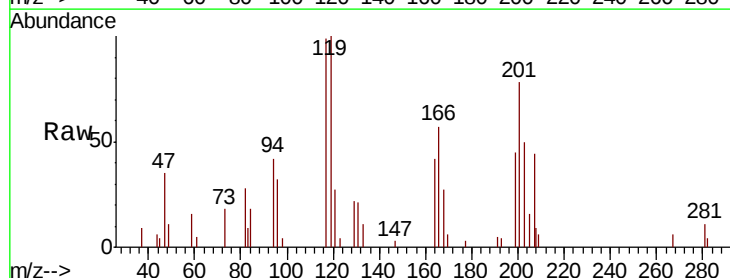
Acq: 12 Feb 2020 11:42

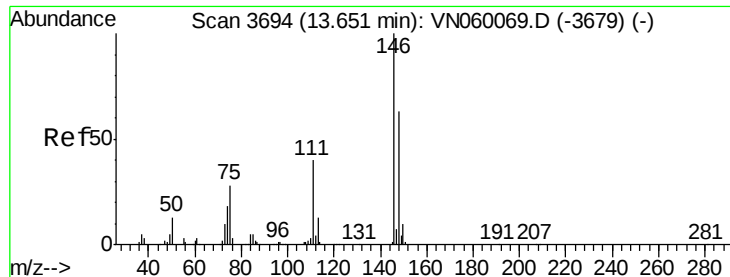
Tgt Ion: 117 Resp: 7880

Ion Ratio Lower Upper

117 100

201 75.4 41.7 125.1





#91

1,2-Dichlorobenzene

Concen: 4.781 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

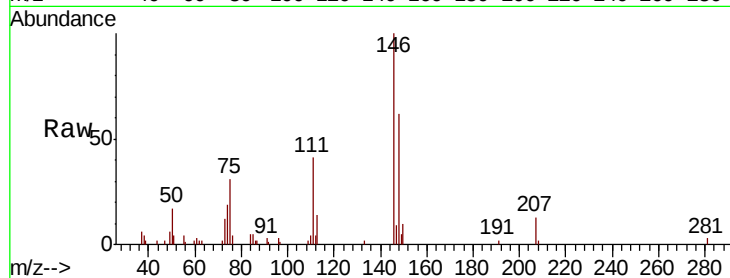
Tot Ion:146 Resp: 20199

Ion Ratio Lower Upper

146 100

111 41.1 20.1 60.2

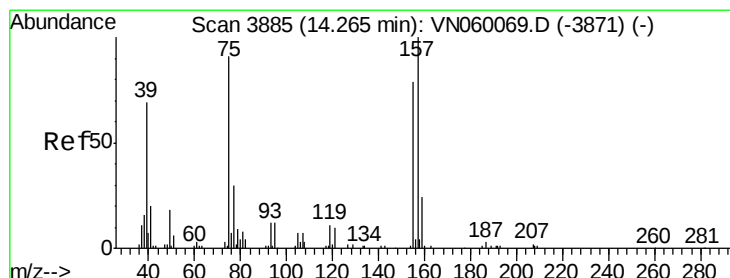
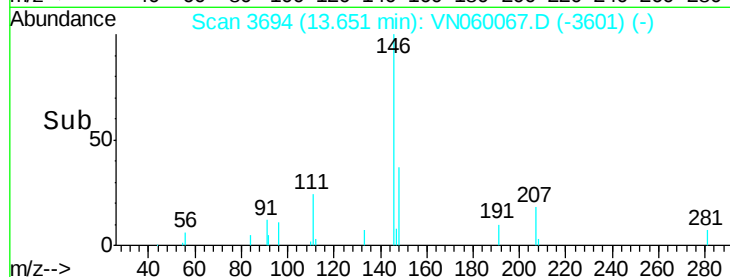
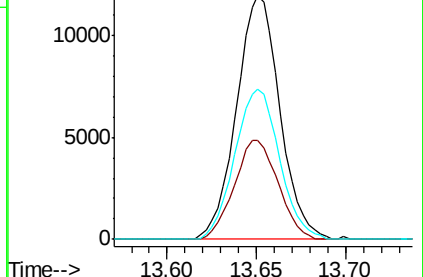
148 63.4 31.9 95.5



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: 4.576 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060067.D

Acq: 12 Feb 2020 11:42

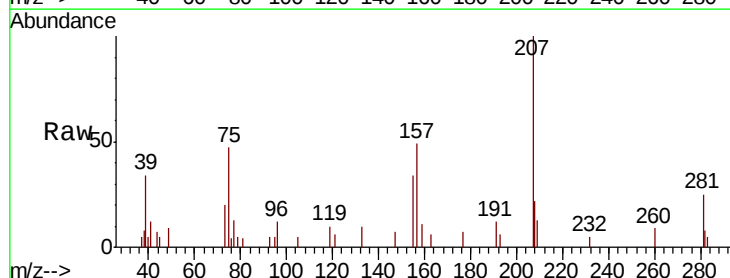
Tgt Ion: 75 Resp: 3073

Ion Ratio Lower Upper

75 100

155 71.1 43.0 129.0

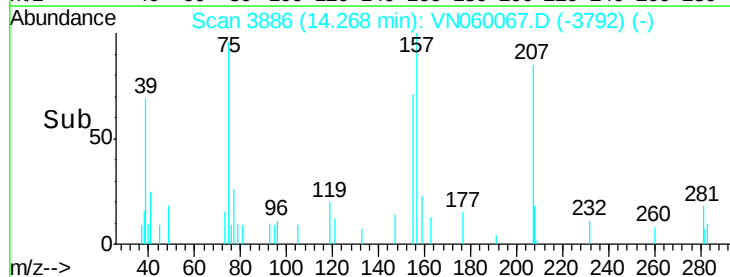
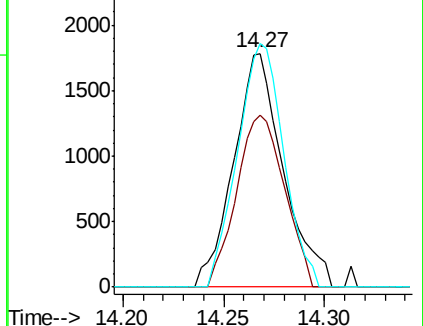
157 97.1 54.9 164.5

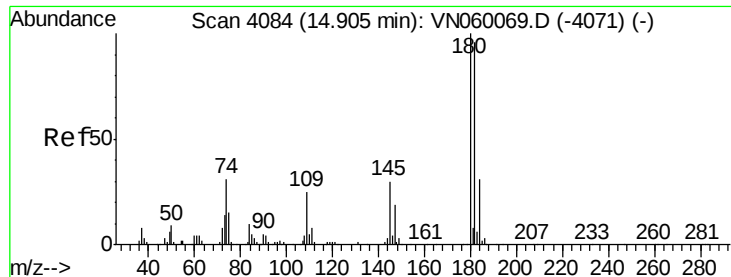


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

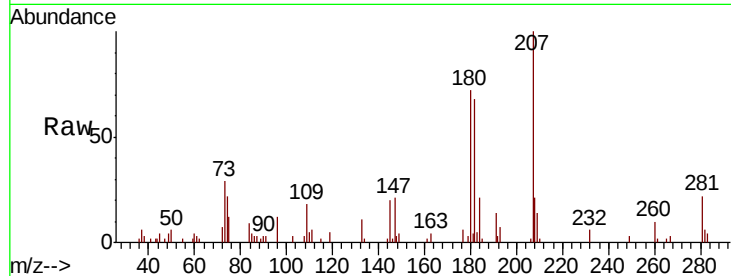




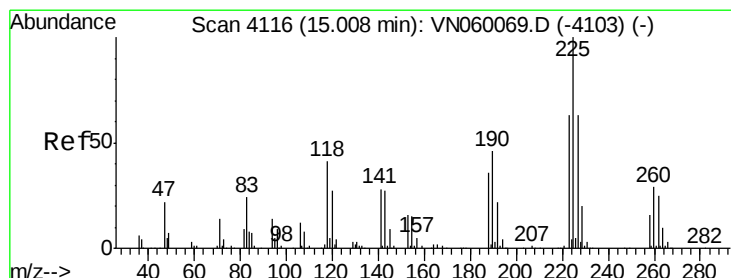
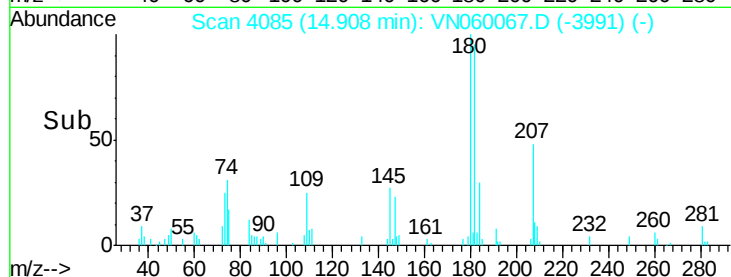
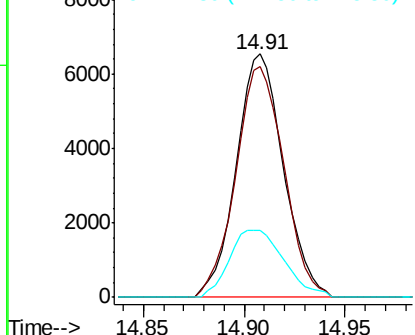
#93
 1,2,4-Trichlorobenzene
 Concen: 4.544 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.9	143.8
145	31.9	15.2	45.5

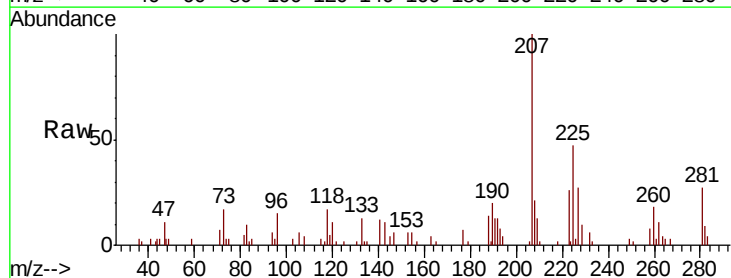


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

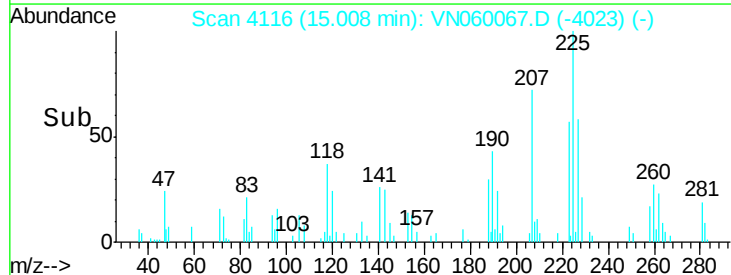
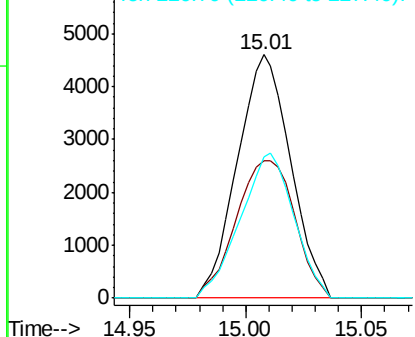


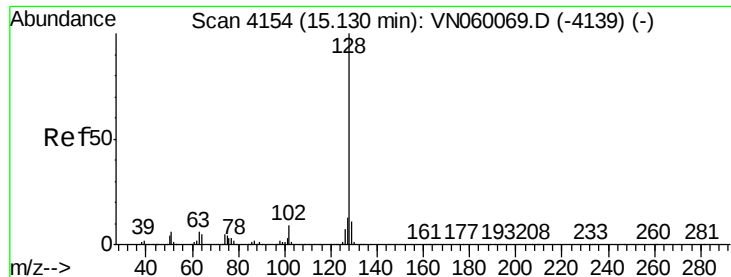
#94
 Hexachlorobutadiene
 Concen: 4.940 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060067.D
 Acq: 12 Feb 2020 11:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.5	94.5
227	60.0	31.8	95.4



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

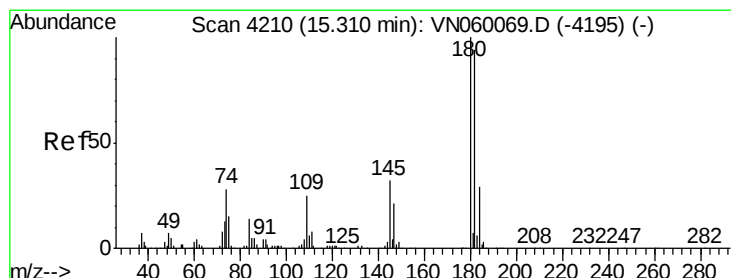
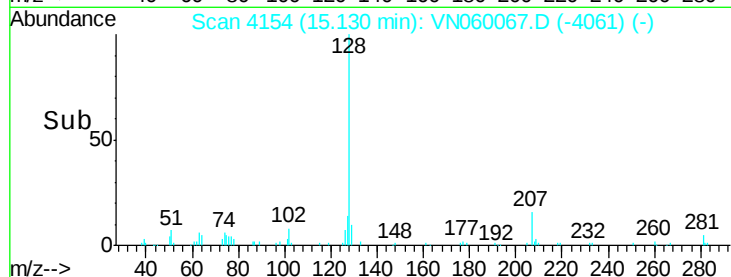
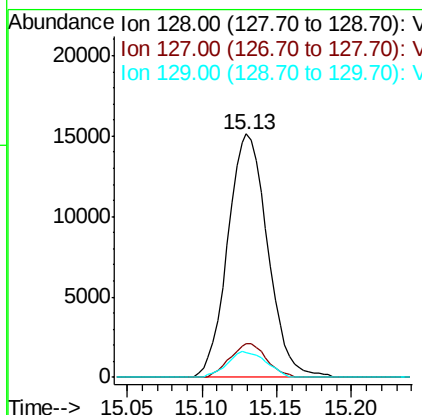
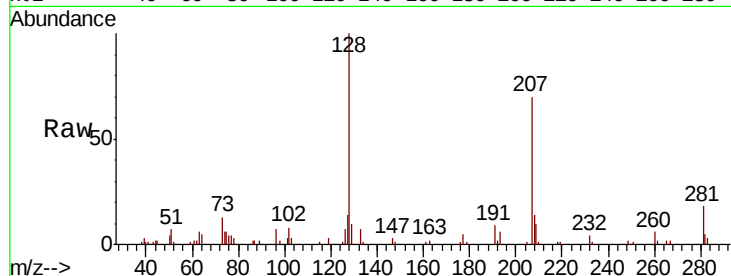




#95
Naphthalene
Concen: 4.519 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 28079
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.567 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060067.D
Acq: 12 Feb 2020 11:42

Tgt Ion:180 Resp: 10881
Ion Ratio Lower Upper
180 100
182 91.1 47.5 142.5
145 33.0 16.1 48.3

