

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060108.D
 Acq On : 14 Feb 2020 16:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 02:45:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	309799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149048	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	131629	55.59	ug/l	0.00
Spiked Amount						
			Recovery	=	111.18%	
35) Dibromofluoromethane	7.56	113	101983	53.55	ug/l	0.00
Spiked Amount						
			Recovery	=	107.10%	
50) Toluene-d8	10.08	98	410241	54.70	ug/l	0.00
Spiked Amount						
			Recovery	=	109.40%	
62) 4-Bromofluorobenzene	12.40	95	155921	56.58	ug/l	0.00
Spiked Amount						
			Recovery	=	113.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	104230	53.583	ug/l	99
3) Chloromethane	2.04	50	127614	55.128	ug/l	99
4) Vinyl Chloride	2.17	62	138818	52.611	ug/l	100
5) Bromomethane	2.54	94	86667	53.567	ug/l	98
6) Chloroethane	2.68	64	73556	55.116	ug/l	99
7) Trichlorofluoromethane	3.00	101	172245	50.632	ug/l	98
8) Diethyl Ether	3.38	74	62678	55.349	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.74	101	96541	51.115	ug/l	97
10) Methyl Iodide	3.93	142	134087	52.685	ug/l	99
11) Tert butyl alcohol	4.72	59	96617	272.649	ug/l	99
12) 1,1-Dichloroethene	3.71	96	96209	52.289	ug/l	98
13) Acrolein	3.57	56	83173	237.455	ug/l	97
14) Allyl chloride	4.29	41	151961	56.114	ug/l	95
15) Acrylonitrile	4.94	53	248759	287.448	ug/l	99
16) Acetone	3.78	43	237294	229.730	ug/l	99
17) Carbon Disulfide	4.03	76	288772	52.070	ug/l	99
18) Methyl Acetate	4.28	43	112477	57.967	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	325734	52.643	ug/l	99
20) Methylene Chloride	4.52	84	107810	52.316	ug/l	93
21) trans-1,2-Dichloroethene	5.00	96	105498	52.600	ug/l	98
22) Diisopropyl ether	5.91	45	344381	58.025	ug/l	96
23) Vinyl Acetate	5.85	43	1451784	291.284	ug/l	98
24) 1,1-Dichloroethane	5.81	63	197631	54.968	ug/l	99
25) 2-Butanone	6.79	43	344300	265.032	ug/l	96
26) 2,2-Dichloropropane	6.79	77	175742	51.462	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	121100	51.592	ug/l	97
28) Bromochloromethane	7.16	49	81818	57.884	ug/l	91
29) Tetrahydrofuran	7.17	42	221129	277.464	ug/l	95
30) Chloroform	7.34	83	199851	53.064	ug/l	99
31) Cyclohexane	7.63	56	179137	53.486	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	177801	51.661	ug/l	98
36) 1,1-Dichloropropene	7.77	75	152143	53.021	ug/l	99
37) Ethyl Acetate	6.89	43	143487	55.329	ug/l	99
38) Carbon Tetrachloride	7.75	117	154748	49.656	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060108.D
 Acq On : 14 Feb 2020 16:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 02:45:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	188929	53.040	ug/l	98
40) Benzene	8.02	78	447439	52.566	ug/l	99
41) Methacrylonitrile	7.17	41	205444	188.900	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	159651	53.515	ug/l	98
43) Isopropyl Acetate	8.14	43	247601	55.852	ug/l	98
44) Trichloroethene	8.81	130	118616	50.327	ug/l	96
45) 1,2-Dichloropropane	9.10	63	118992	56.465	ug/l	99
46) Dibromomethane	9.19	93	76543	51.399	ug/l	97
47) Bromodichloromethane	9.38	83	161962	53.494	ug/l	99
48) Methyl methacrylate	9.18	41	109194	54.899	ug/l	98
49) 1,4-Dioxane	9.18	88	39362	1158.254	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	717318	279.550	ug/l	98
52) Toluene	10.14	92	288189	52.797	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	184328	53.936	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	195206	54.244	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	110655	51.964	ug/l	99
56) Ethyl methacrylate	10.42	69	169238	56.180	ug/l	97
57) 1,3-Dichloropropane	10.70	76	185334	52.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	390949	278.575	ug/l	97
59) 2-Hexanone	10.74	43	535160	269.990	ug/l	99
60) Dibromochloromethane	10.89	129	125751	51.460	ug/l	99
61) 1,2-Dibromoethane	10.99	107	116326	52.110	ug/l	99
64) Tetrachloroethene	10.62	164	107491	47.916	ug/l	98
65) Chlorobenzene	11.42	112	306070	50.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	114162	50.194	ug/l	99
67) Ethyl Benzene	11.50	91	568620	52.439	ug/l	99
68) m/p-Xylenes	11.61	106	424636	104.340	ug/l	99
69) o-Xylene	11.94	106	203851	52.022	ug/l	99
70) Styrene	11.96	104	337411	53.397	ug/l	99
71) Bromoform	12.12	173	92665	50.655	ug/l #	98
73) Isopropylbenzene	12.24	105	559548	50.273	ug/l	99
74) N-amyl acetate	12.06	43	224843	56.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	163671	51.089	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	219442	76.954	ug/l #	100
77) Bromobenzene	12.52	156	136213	49.314	ug/l	96
78) n-propylbenzene	12.59	91	647248	51.041	ug/l	99
79) 2-Chlorotoluene	12.67	91	373304	50.085	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	468368	50.611	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	60631	52.060	ug/l	98
82) 4-Chlorotoluene	12.77	91	397283	51.953	ug/l	98
83) tert-Butylbenzene	12.99	119	401837	49.086	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	468786	51.317	ug/l	100
85) sec-Butylbenzene	13.17	105	548448	50.587	ug/l	100
86) p-Isopropyltoluene	13.28	119	500802	50.983	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	246047	50.323	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	246388	50.403	ug/l	99
89) n-Butylbenzene	13.61	91	458793	53.102	ug/l	99
90) Hexachloroethane	13.87	117	90404	49.263	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	235911	49.303	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32599	47.823	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
Data File : VN060108.D
Acq On : 14 Feb 2020 16:31
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 15 02:45:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

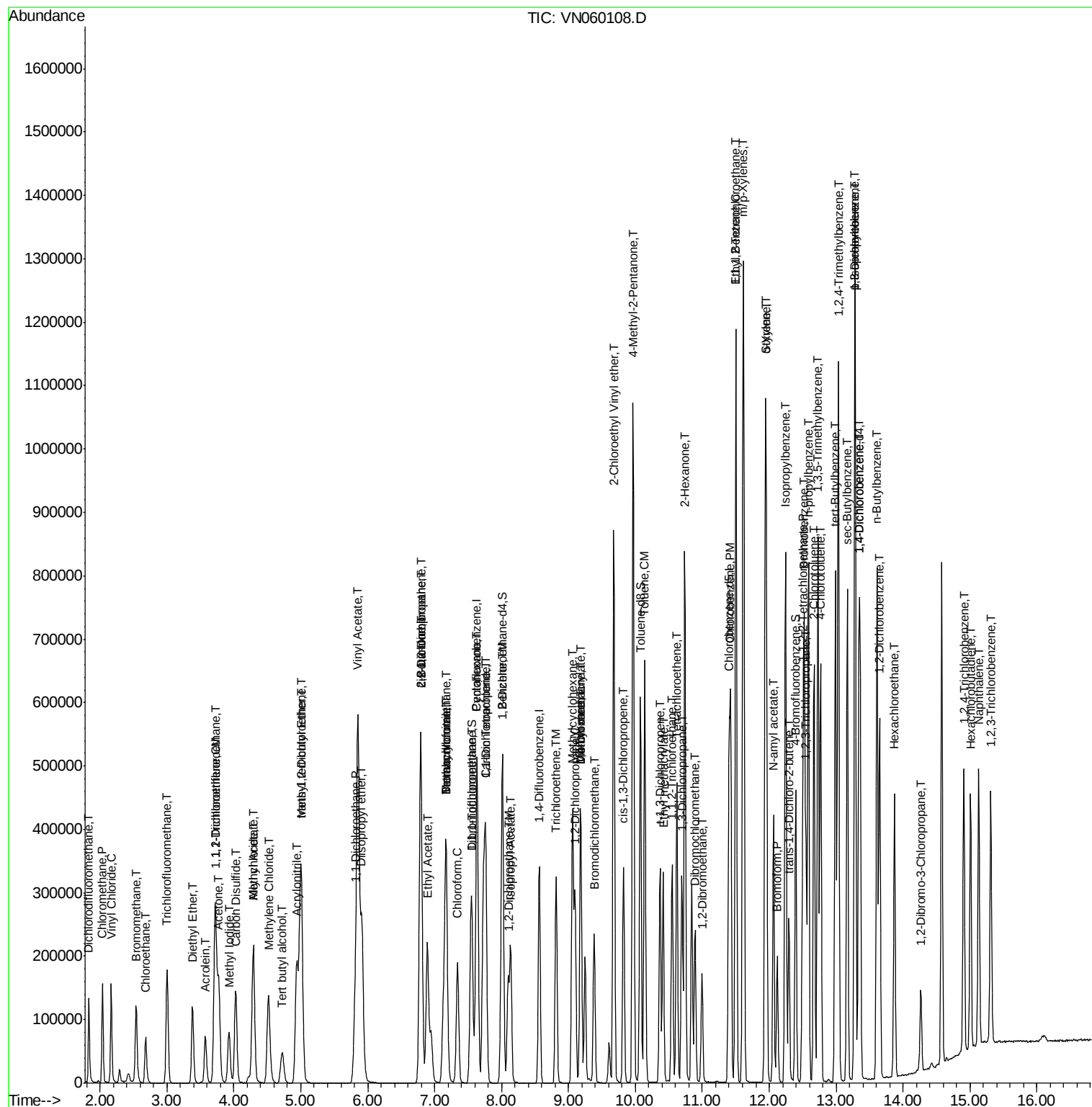
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	144748	51.485	ug/l	99
94) Hexachlorobutadiene	15.01	225	77389	47.019	ug/l	99
95) Naphthalene	15.13	128	369968	48.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	134764	48.133	ug/l	100

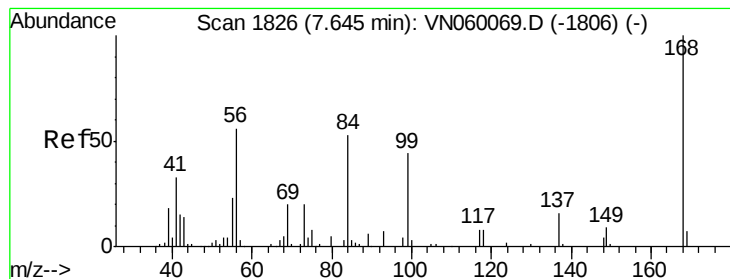
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021420\
Data File : VN060108.D
Acq On : 14 Feb 2020 16:31
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Feb 15 02:45:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

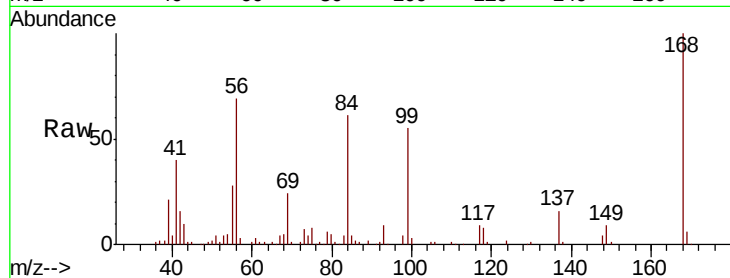
ClientSampled :

Tot Ion:168 Resp: 194607

Ion Ratio Lower Upper

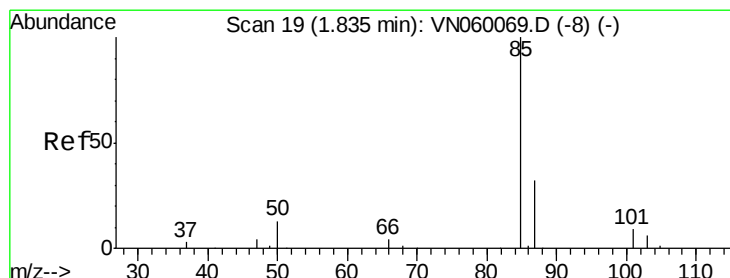
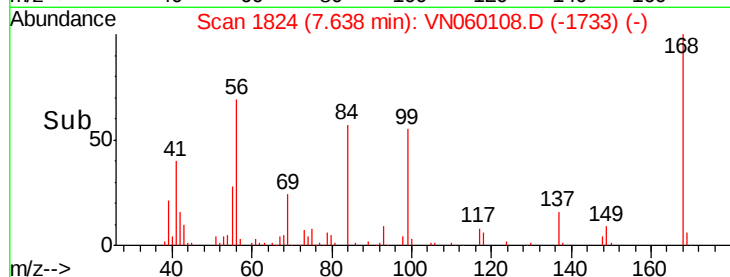
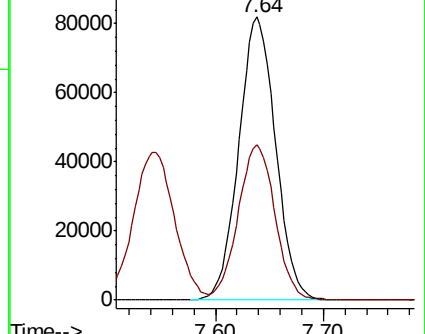
168 100

99 54.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 53.583 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060108.D

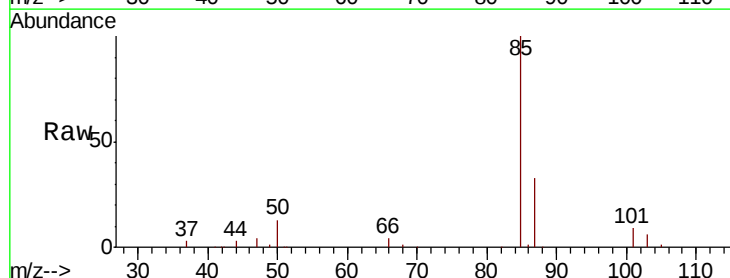
Acq: 14 Feb 2020 16:31

Tgt Ion: 85 Resp: 104230

Ion Ratio Lower Upper

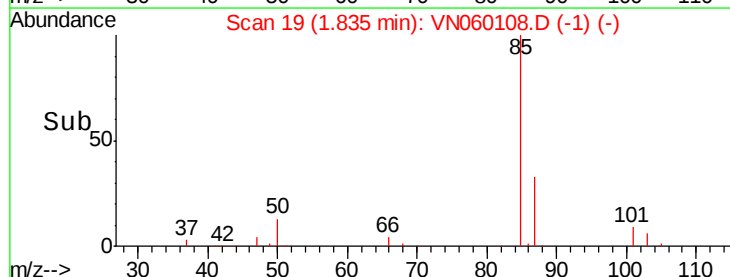
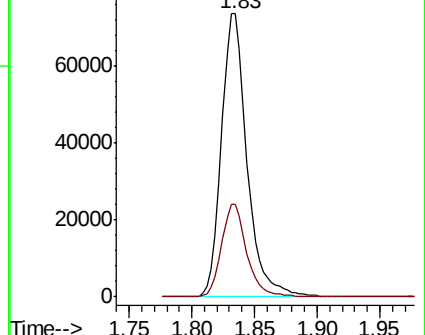
85 100

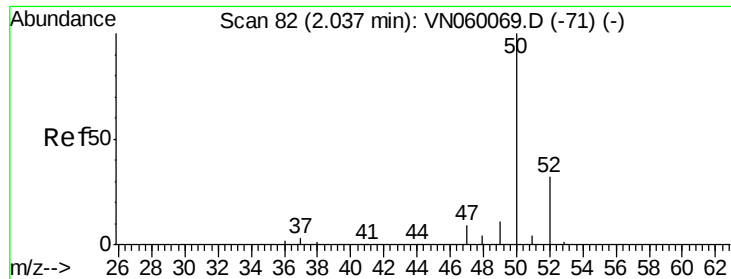
87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 55.128 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

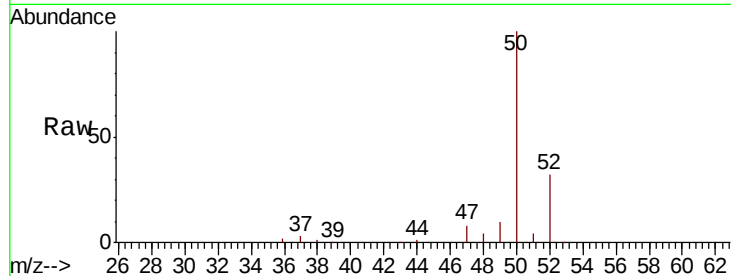
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 127614

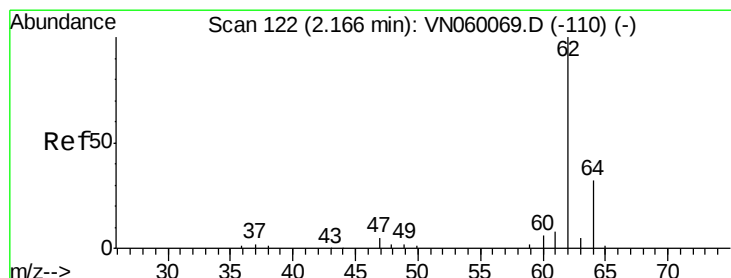
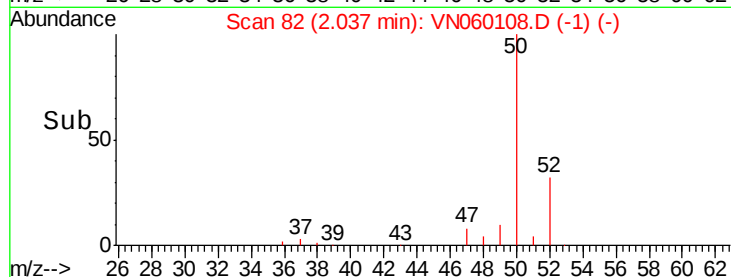
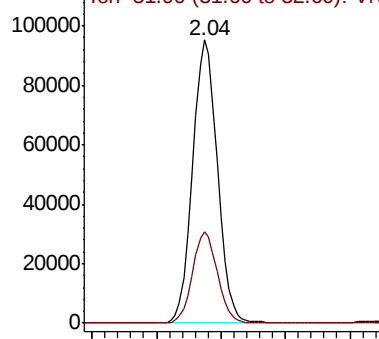
Ion Ratio Lower Upper

50 100

52 32.3 25.6 38.4



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



#4

Vinyl Chloride

Concen: 52.611 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060108.D

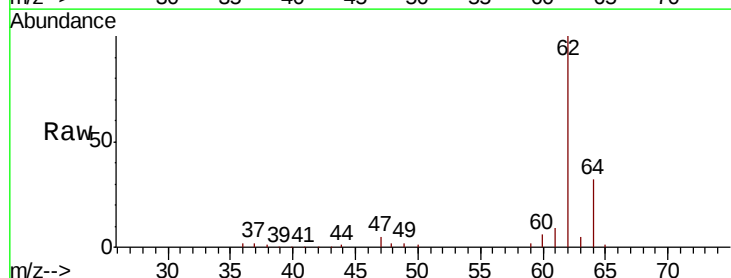
Acq: 14 Feb 2020 16:31

Tgt Ion: 62 Resp: 138818

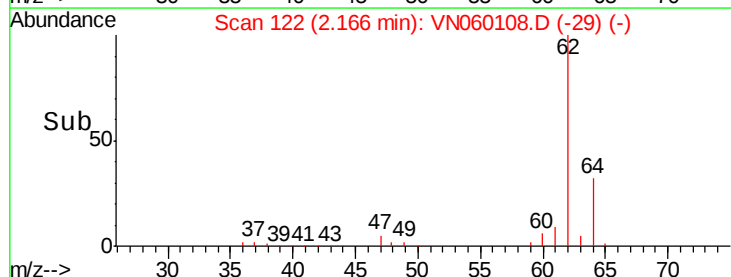
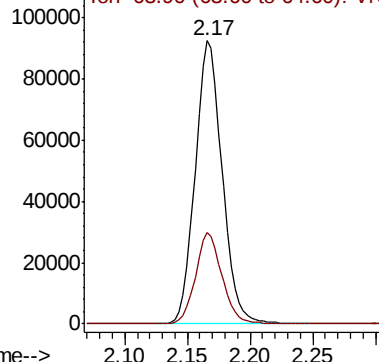
Ion Ratio Lower Upper

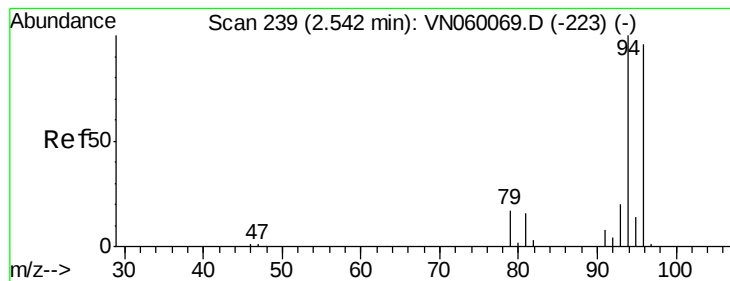
62 100

64 32.1 25.9 38.9



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





#5

Bromomethane

Concen: 53.567 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

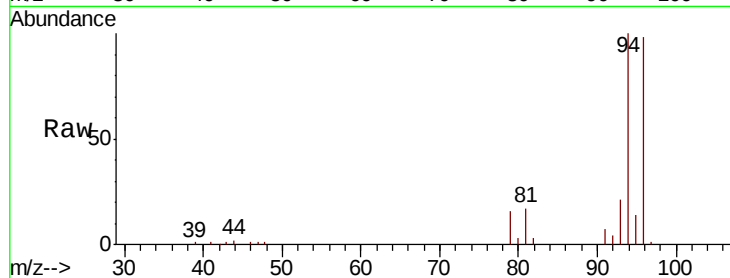
ClientSampleId :

Tot Ion: 94 Resp: 86667

Ion Ratio Lower Upper

94 100

96 97.6 76.7 115.1

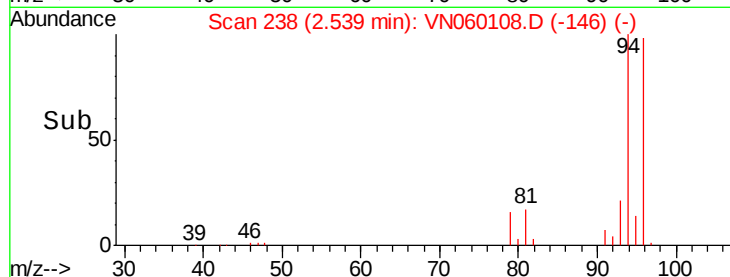


Abundance Ion 93.90 (93.60 to 94.60): VN060108.D (-223) (-)

Ion 95.90 (95.60 to 96.60): VN060108.D (-223) (-)

2.54

Time-->



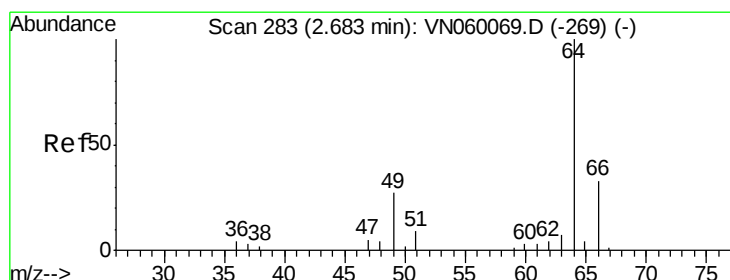
Abundance

Ion 93.90 (93.60 to 94.60): VN060108.D (-223) (-)

Ion 95.90 (95.60 to 96.60): VN060108.D (-223) (-)

2.54

Time-->



#6

Chloroethane

Concen: 55.116 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060108.D

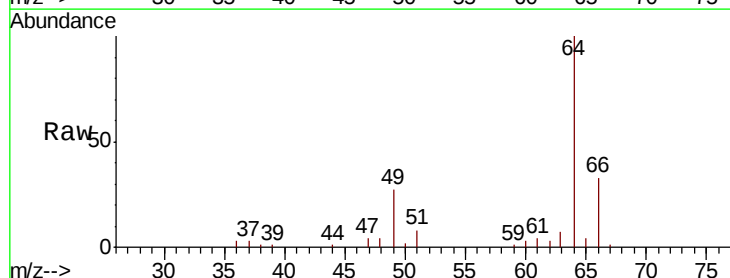
Acq: 14 Feb 2020 16:31

Tgt Ion: 64 Resp: 73556

Ion Ratio Lower Upper

64 100

66 32.6 26.6 40.0

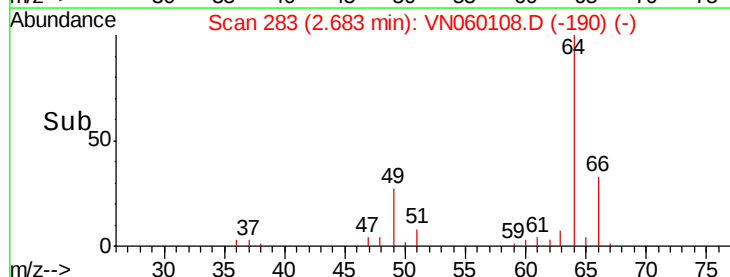


Abundance Ion 63.90 (63.60 to 64.60): VN060108.D (-269) (-)

Ion 65.90 (65.60 to 66.60): VN060108.D (-269) (-)

2.68

Time-->



Abundance

Ion 63.90 (63.60 to 64.60): VN060108.D (-269) (-)

Ion 65.90 (65.60 to 66.60): VN060108.D (-269) (-)

2.68

Time-->

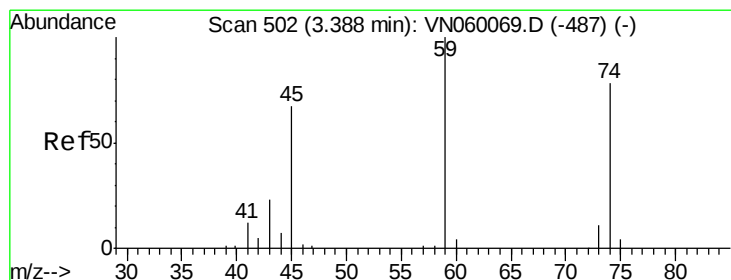
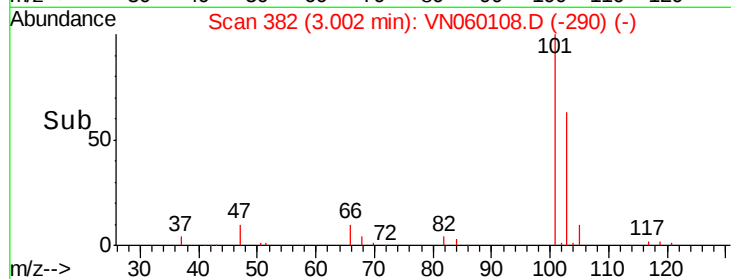
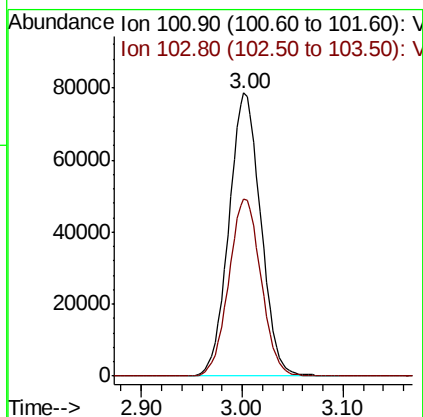
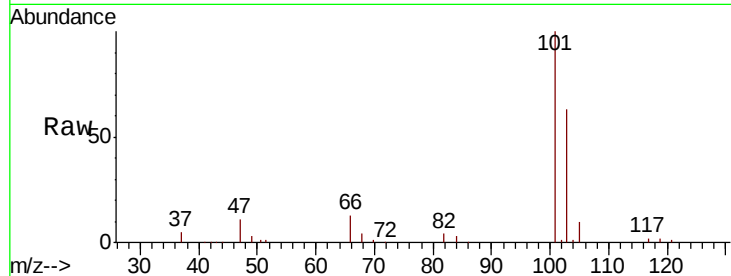


#7

Trichlorofluoromethane
 Concen: 50.632 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Instrument :
 MSVOA_N
 ClientSampled :

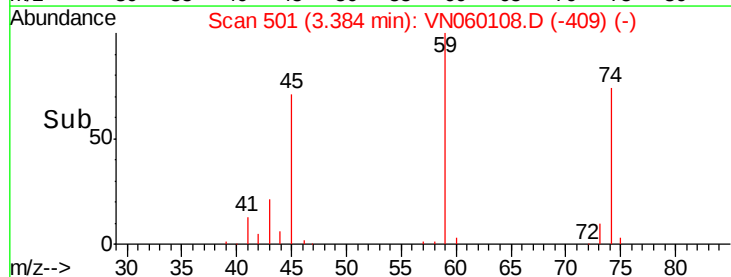
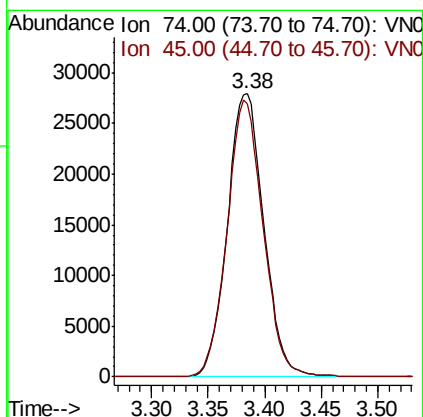
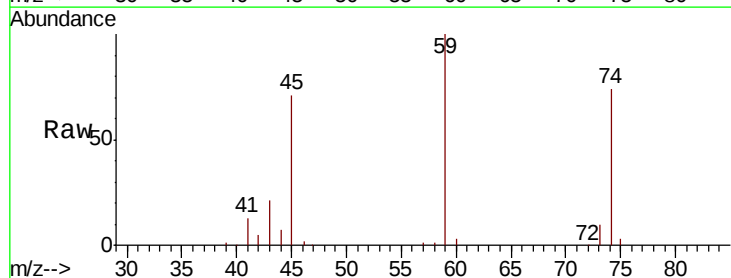
Tot Ion:101 Resp: 172245
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.0 76.6



#8

Diethyl Ether
 Concen: 55.349 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion: 74 Resp: 62678
 Ion Ratio Lower Upper
 74 100
 45 96.6 44.7 134.1

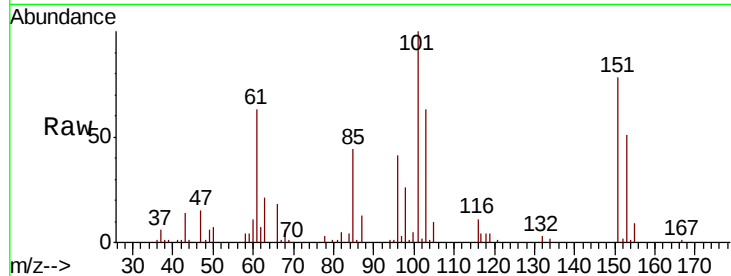




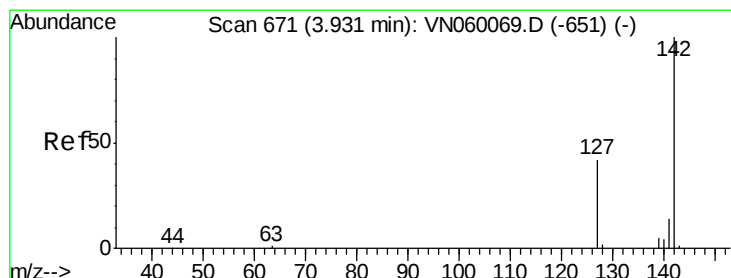
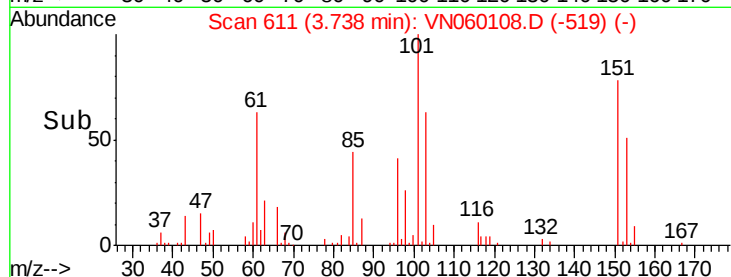
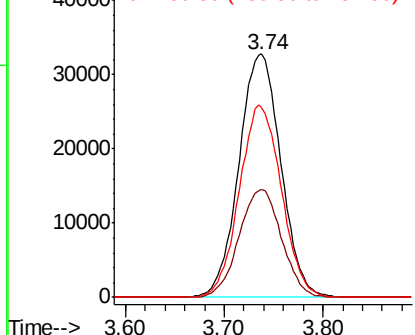
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.115 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 96541
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.1 52.7
 151 79.1 65.8 98.6

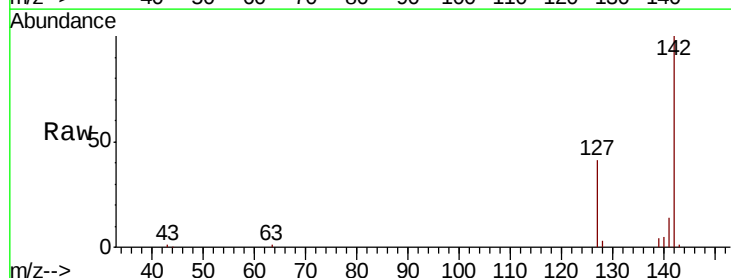


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

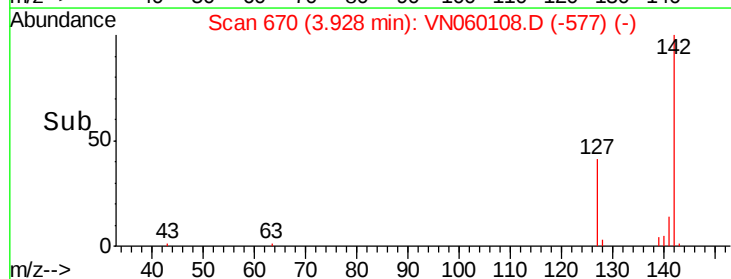
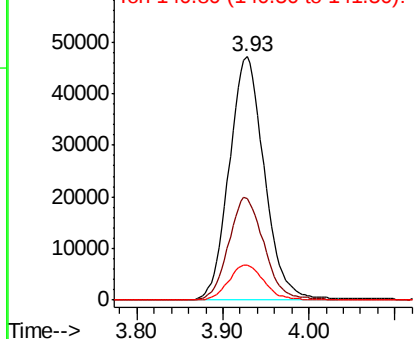


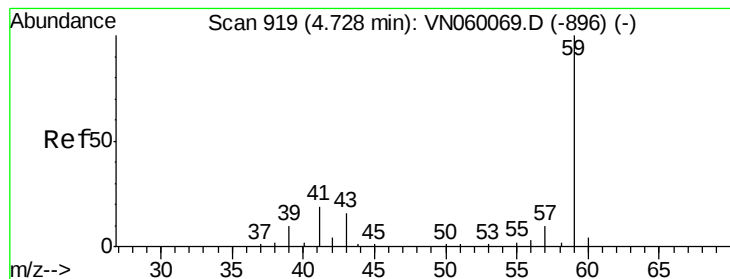
#10
 Methyl Iodide
 Concen: 52.685 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion:142 Resp: 134087
 Ion Ratio Lower Upper
 142 100
 127 42.7 33.6 50.4
 141 14.5 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



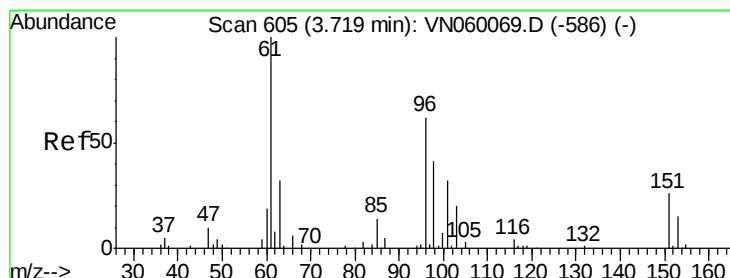
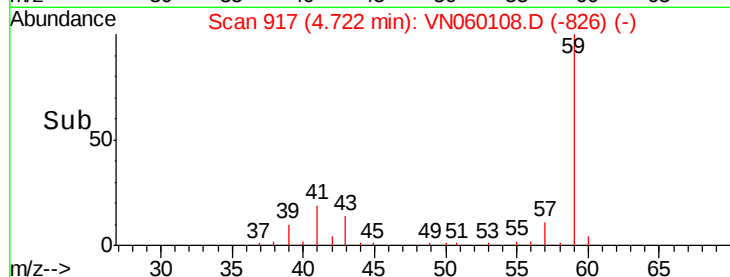
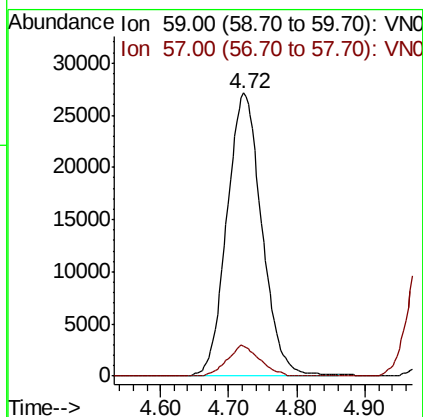
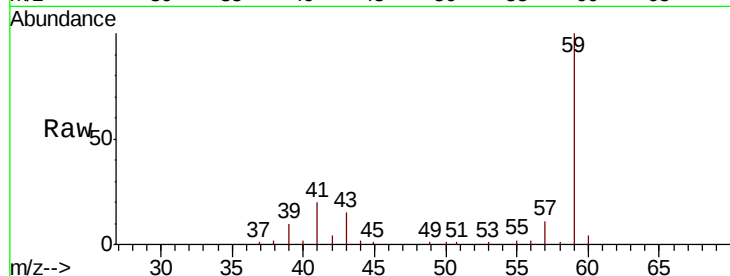


#11

Tert butyl alcohol
 Concen: 272.649 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Instrument :
 MSVOA_N
 ClientSampleId :

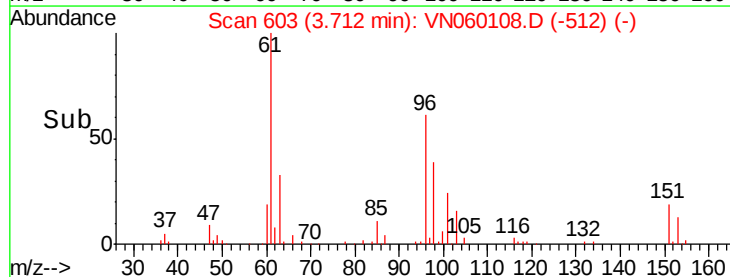
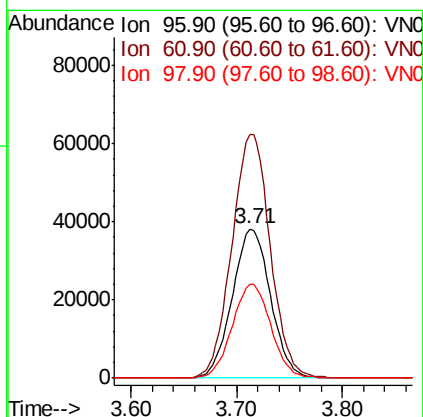
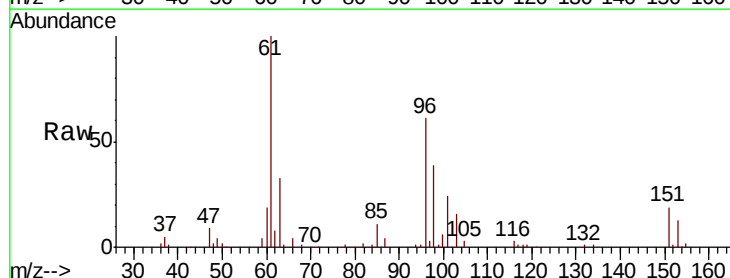
Tot Ion: 59 Resp: 96617
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

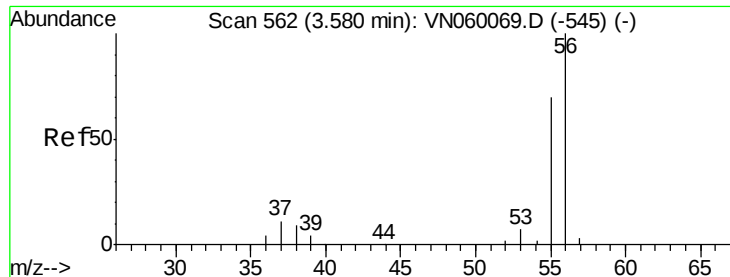


#12

1,1-Dichloroethene
 Concen: 52.289 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion: 96 Resp: 96209
 Ion Ratio Lower Upper
 96 100
 61 162.9 128.3 192.5
 98 63.3 52.2 78.4





#13

Acrolein

Concen: 237.455 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

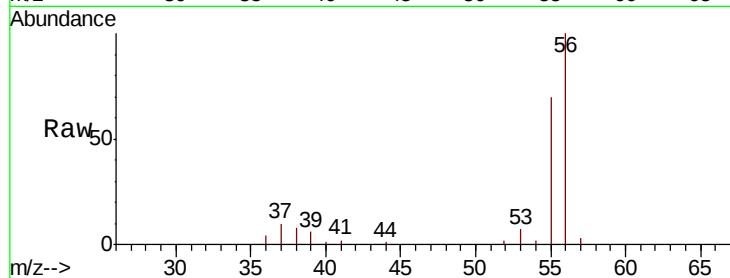
ClientSampleId :

Tot Ion: 56 Resp: 83173

Ion Ratio Lower Upper

56 100

55 71.1 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN060108.D (-469) (-)

Ion 55.00 (54.70 to 55.70): VN060108.D (-469) (-)

3.57

40000

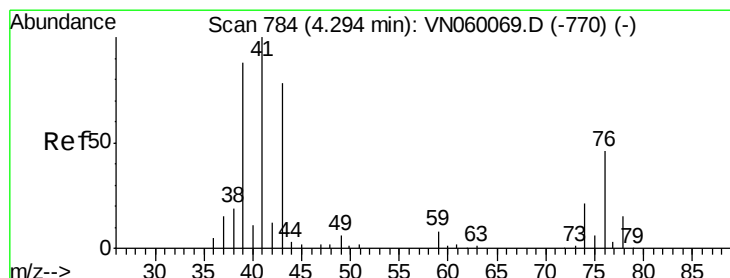
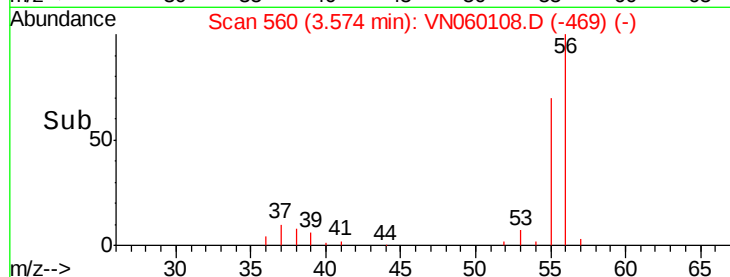
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 56.114 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

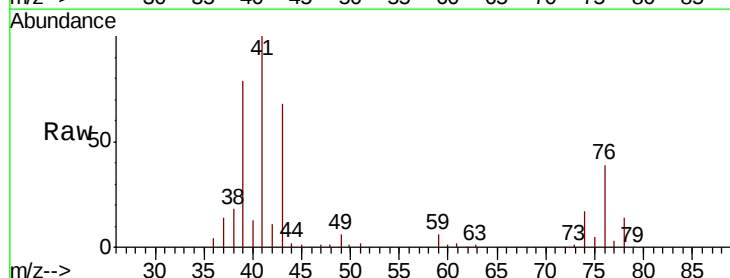
Tgt Ion: 41 Resp: 151961

Ion Ratio Lower Upper

41 100

39 80.3 67.8 101.8

76 39.0 33.9 50.9



Abundance Ion 41.00 (40.70 to 41.70): VN060108.D (-691) (-)

Ion 39.00 (38.70 to 39.70): VN060108.D (-691) (-)

Ion 75.90 (75.60 to 76.60): VN060108.D (-691) (-)

4.29

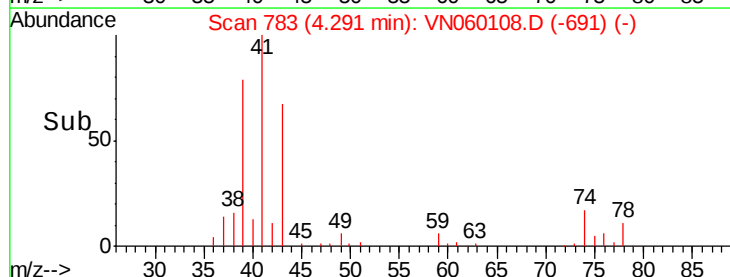
60000

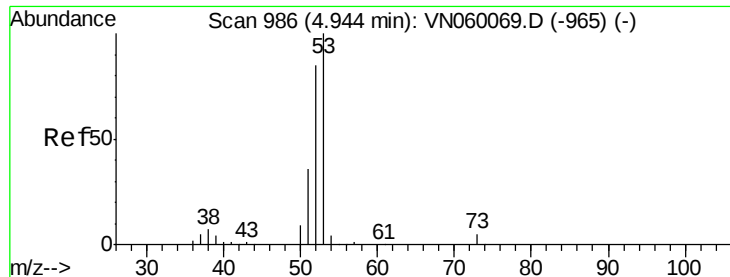
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 287.448 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

ClientSampled :

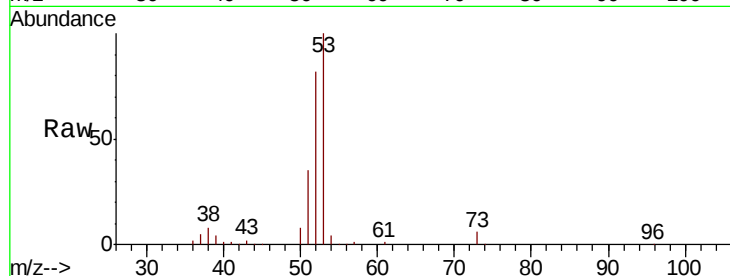
Tot Ion: 53 Resp: 248759

Ion Ratio Lower Upper

53 100

52 81.9 66.8 100.2

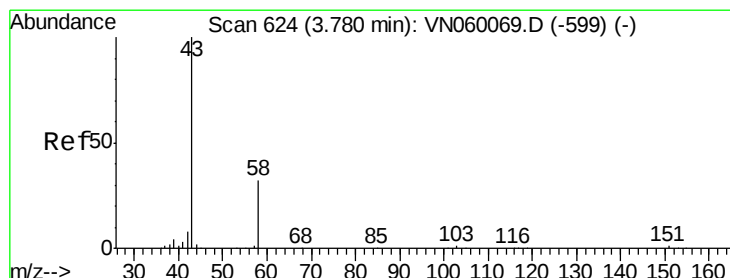
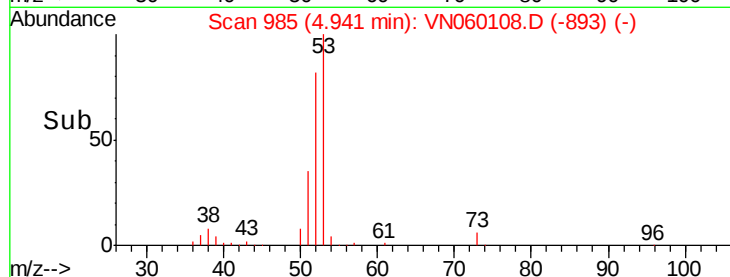
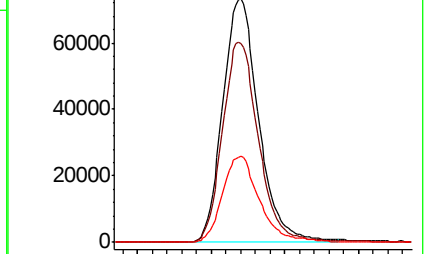
51 36.5 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060108.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN060108.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN060108.D (-965) (-)



#16

Acetone

Concen: 229.730 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060108.D

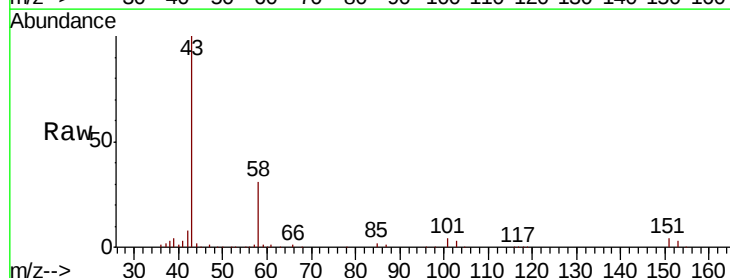
Acq: 14 Feb 2020 16:31

Tgt Ion: 43 Resp: 237294

Ion Ratio Lower Upper

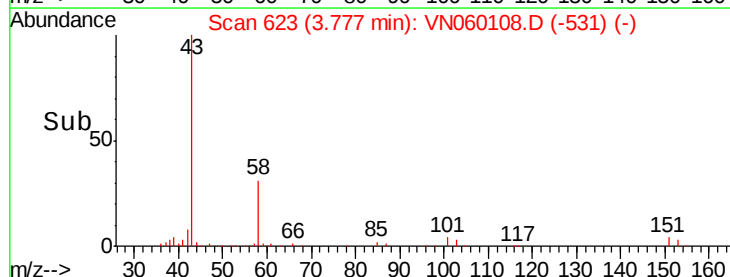
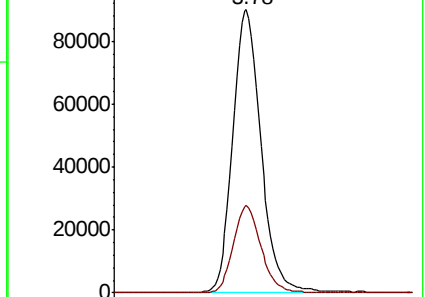
43 100

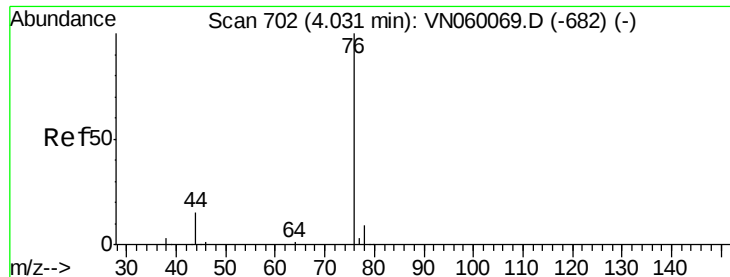
58 31.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060108.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060108.D (-531) (-)

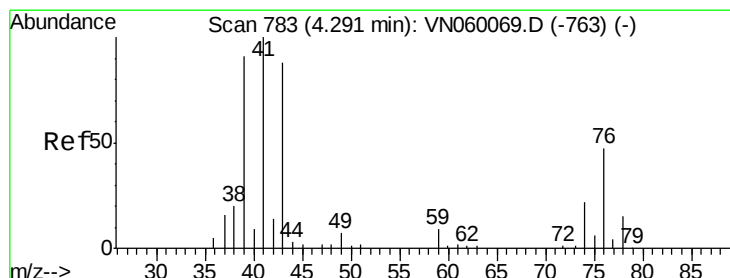
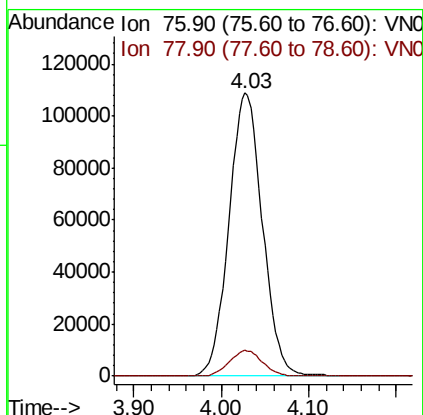
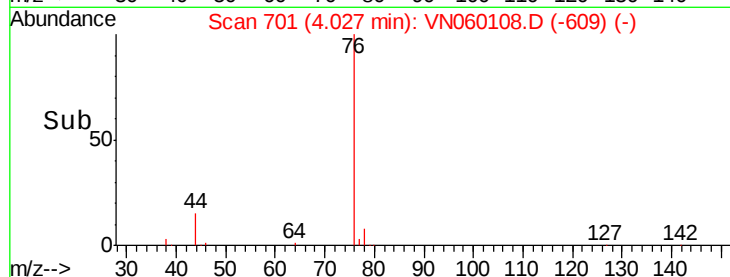
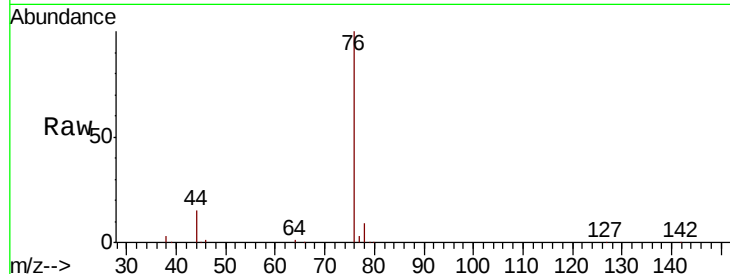




#17
Carbon Disulfide
Concen: 52.070 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

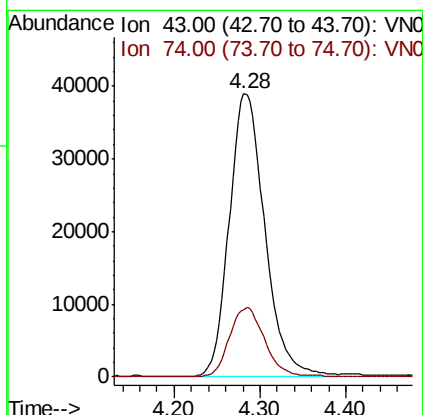
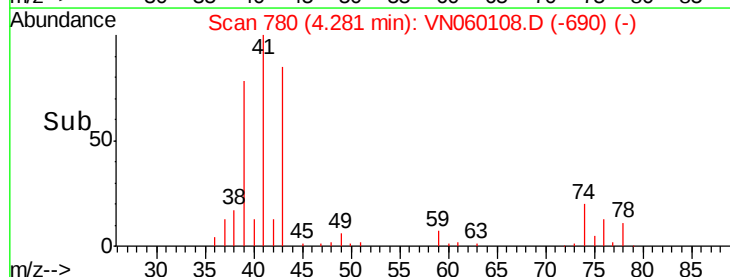
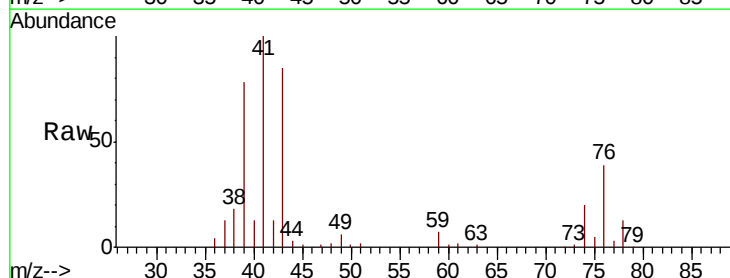
Instrument :
MSVOA_N
ClientSampled :

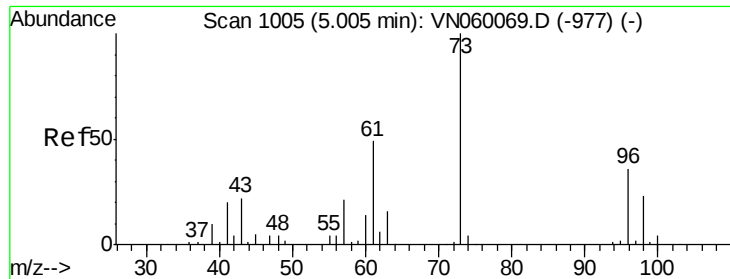
Tot Ion: 76 Resp: 288772
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 57.967 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.01 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 43 Resp: 112477
Ion Ratio Lower Upper
43 100
74 24.0 20.3 30.5

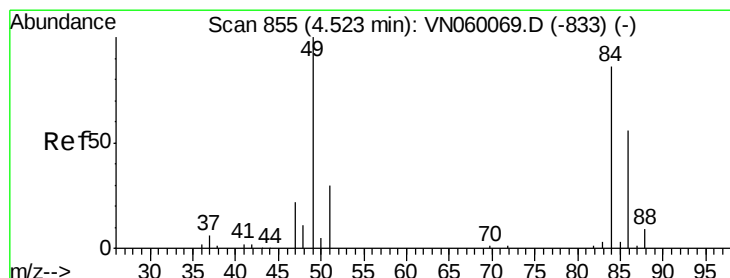
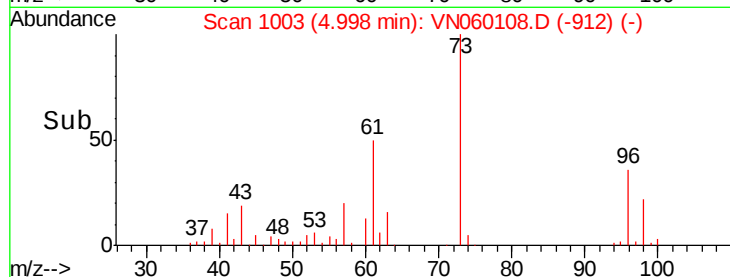
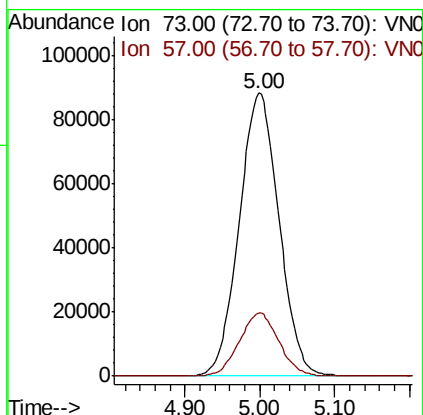
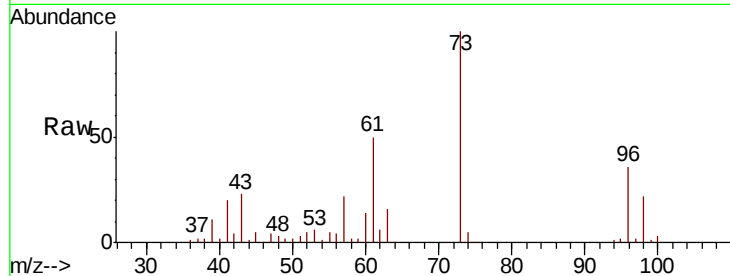




#19
Methvl tert-butvl Ether
Concen: 52.643 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

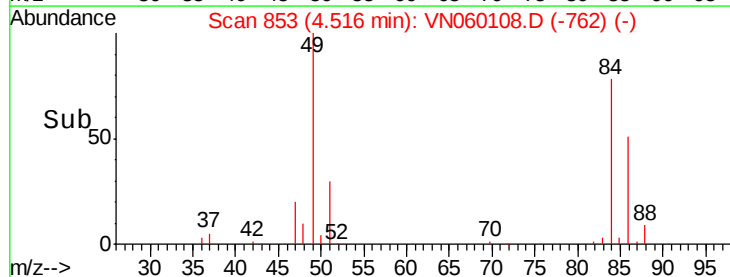
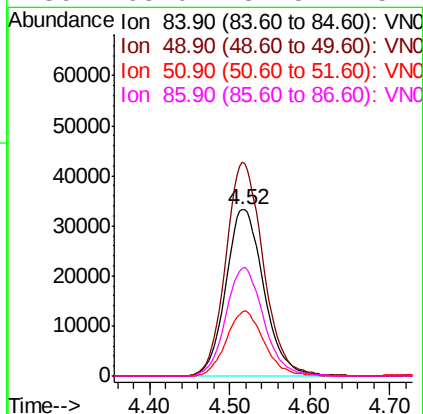
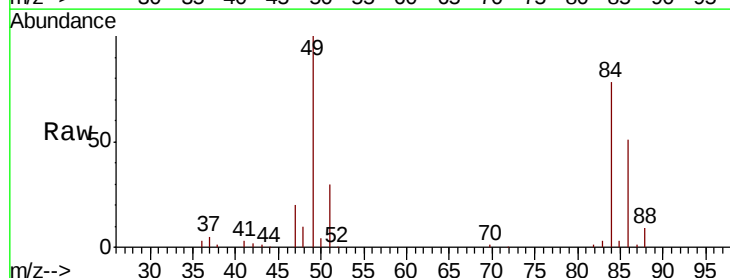
Instrument :
MSVOA_N
ClientSampled :

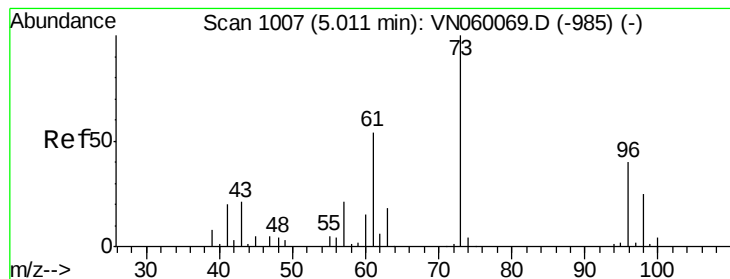
Tot Ion: 73 Resp: 325734
Ion Ratio Lower Upper
73 100
57 22.2 17.2 25.8



#20
Methylene Chloride
Concen: 52.316 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 84 Resp: 107810
Ion Ratio Lower Upper
84 100
49 128.6 93.4 140.0
51 38.5 28.4 42.6
86 65.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 52.600 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :
MSVOA_N
ClientSampled :

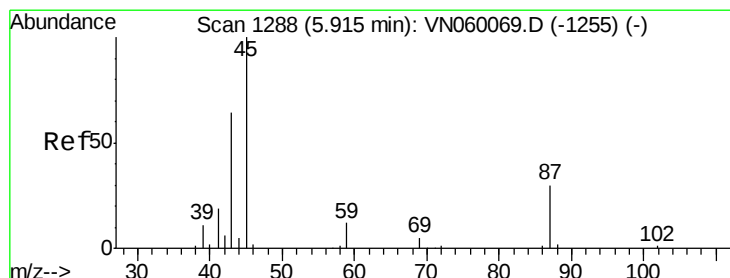
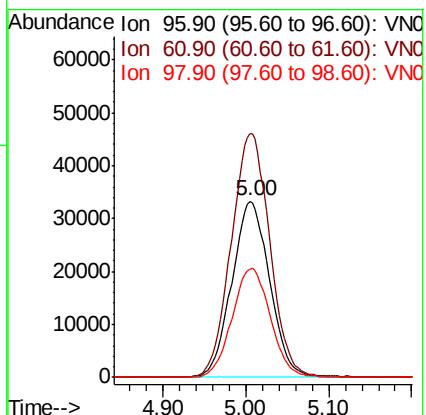
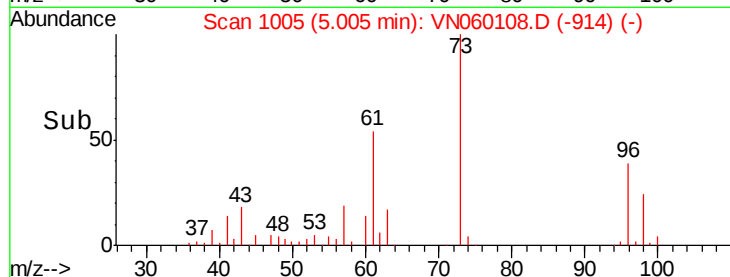
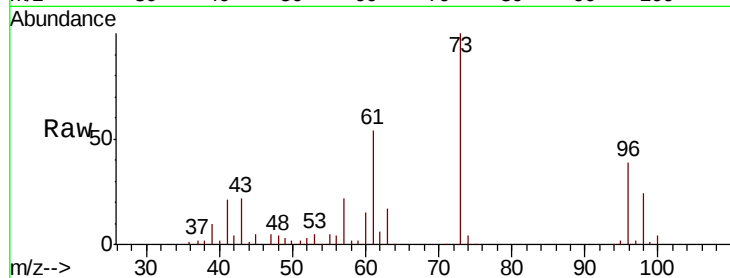
Tot Ion: 96 Resp: 105498

Ion Ratio Lower Upper

96 100

61 137.9 109.3 163.9

98 61.5 51.0 76.6



#22

Diisopropyl ether

Concen: 58.025 ug/l

RT: 5.91 min Scan# 1286

Delta R.T. -0.01 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Tgt Ion: 45 Resp: 344381

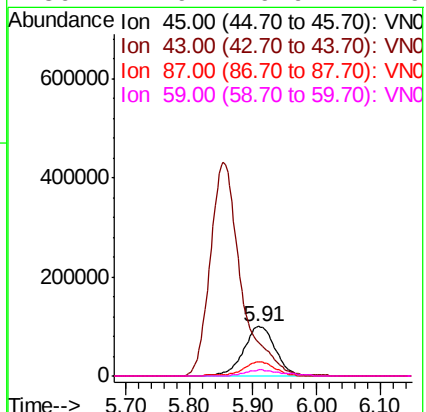
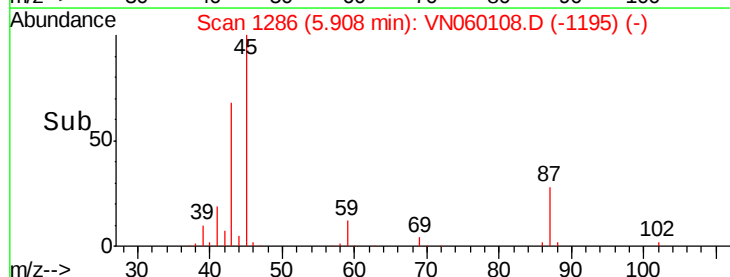
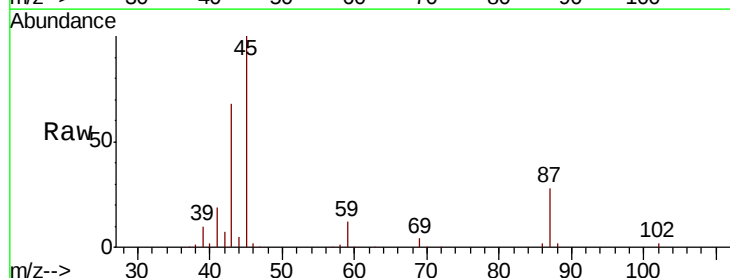
Ion Ratio Lower Upper

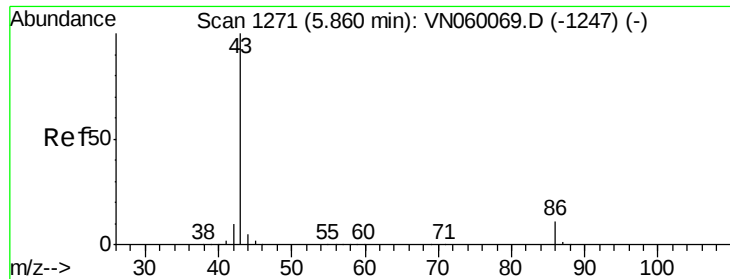
45 100

43 66.8 55.9 83.9

87 28.1 24.5 36.7

59 11.9 9.9 14.9

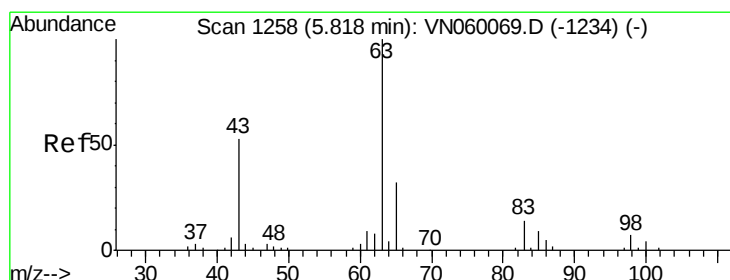
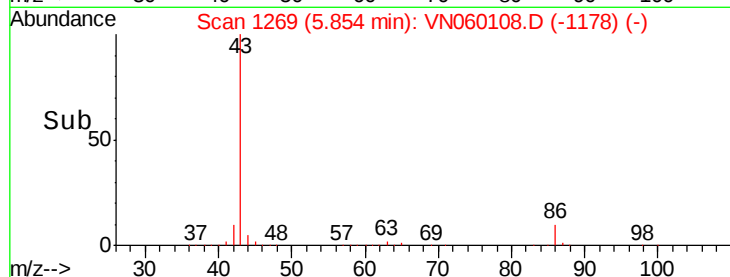
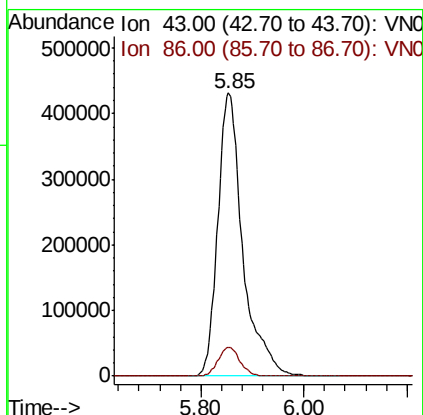
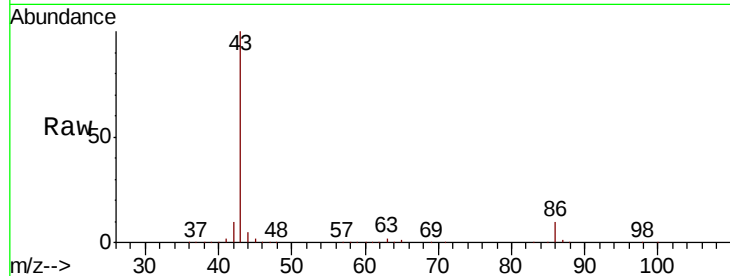




#23
 Vinyl Acetate
 Concen: 291.284 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

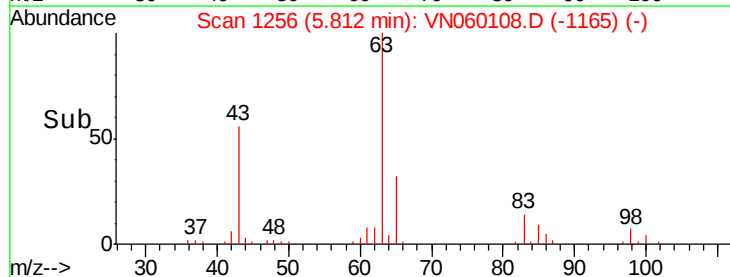
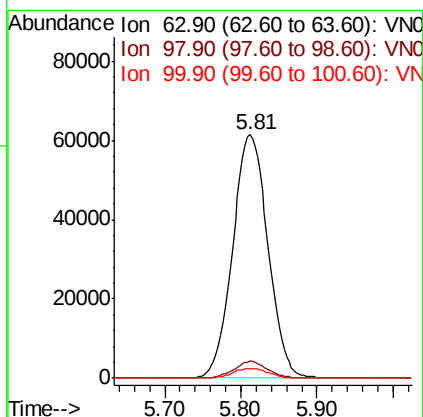
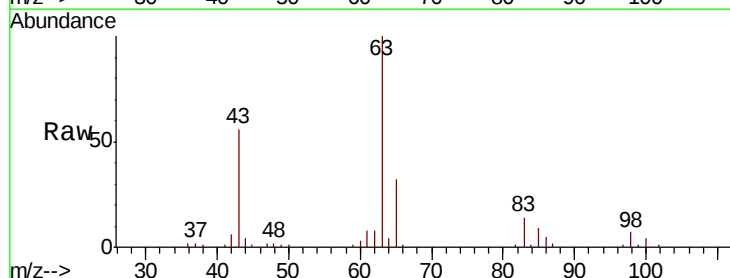
Instrument :
 MSVOA_N
 ClientSampleId :

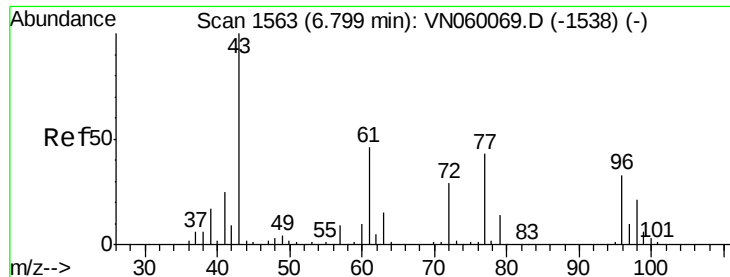
Tot Ion: 43 Resp: 1451784
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 54.968 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion: 63 Resp: 197631
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 3.8 2.2 6.6





#25

2-Butanone

Concen: 265.032 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

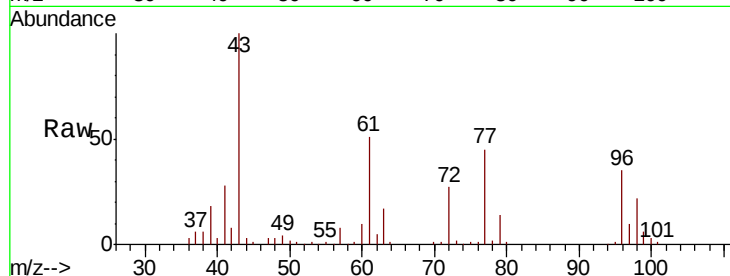
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 344300

Ion Ratio Lower Upper

43 100

72 26.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1538) (-)

Ion 72.00 (71.70 to 72.70): VN060069.D (-1538) (-)

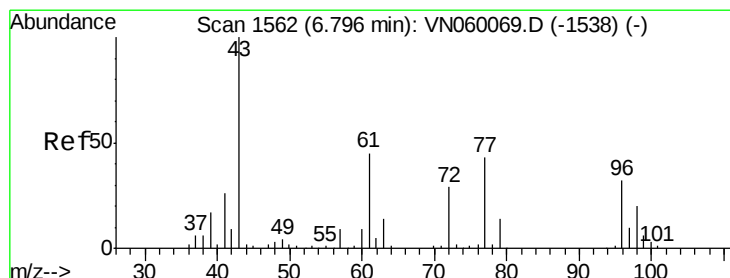
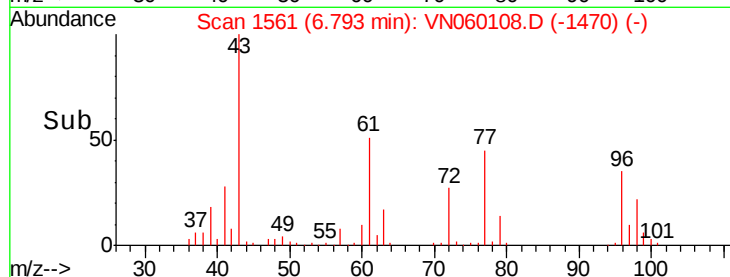
6.79

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.462 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.01 min

Lab File: VN060108.D

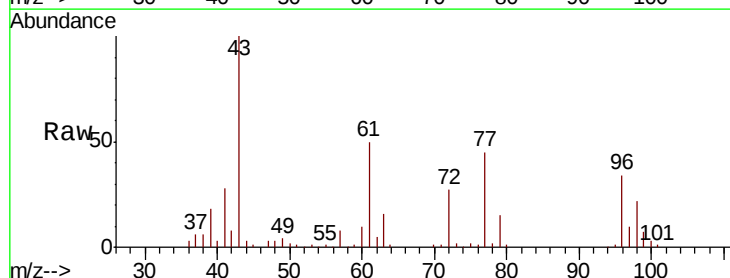
Acq: 14 Feb 2020 16:31

Tgt Ion: 77 Resp: 175742

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN060108.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN060108.D (-1469) (-)

6.79

60000

50000

40000

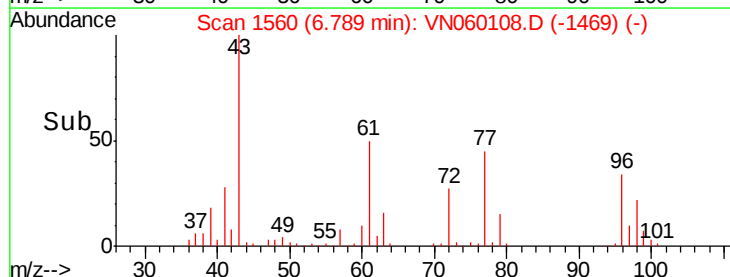
30000

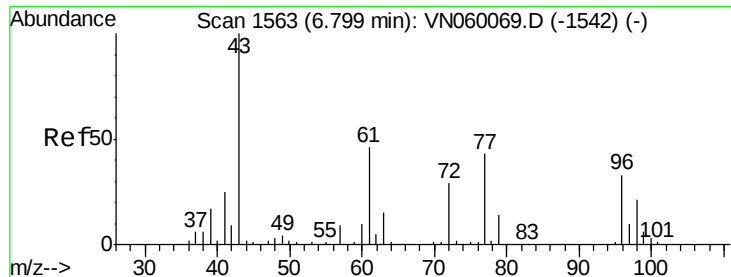
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.592 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :
MSVOA_N
ClientSampled :

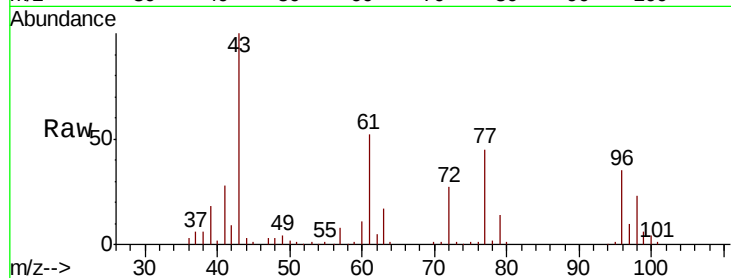
Tot Ion: 96 Resp: 121100

Ion Ratio Lower Upper

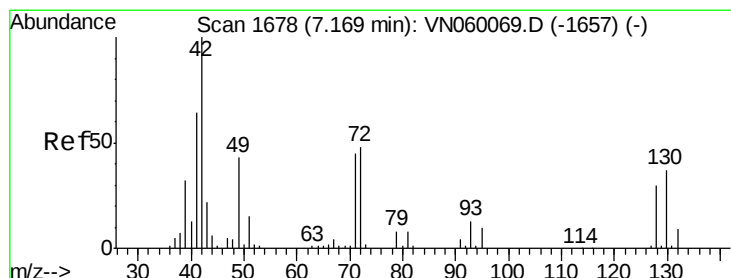
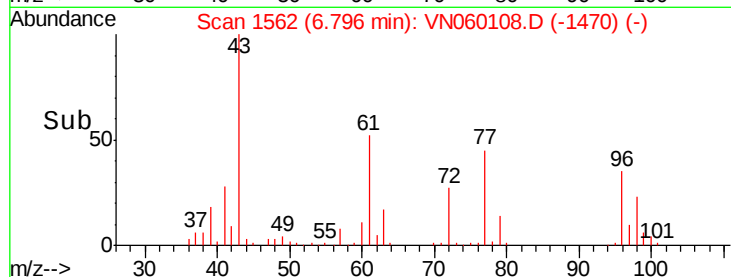
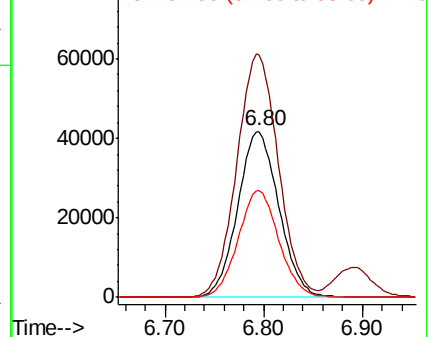
96 100

61 148.3 0.0 285.8

98 63.7 0.0 129.6



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



#28

Bromochloromethane

Concen: 57.884 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.01 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

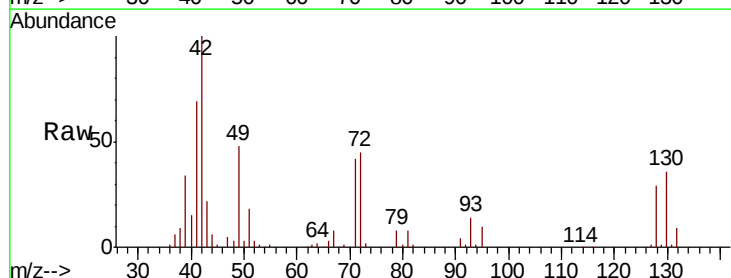
Tgt Ion: 49 Resp: 81818

Ion Ratio Lower Upper

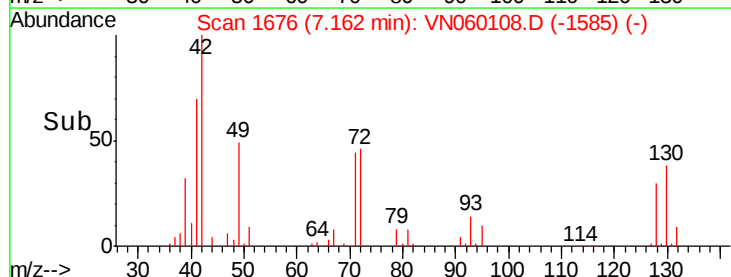
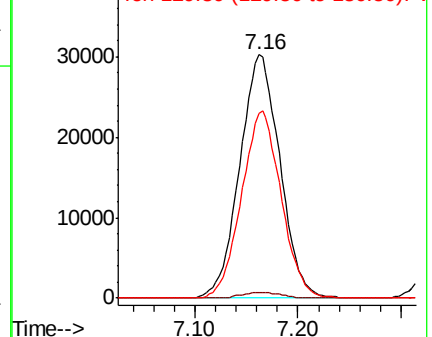
49 100

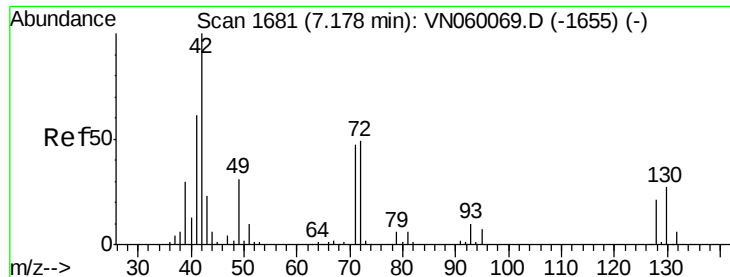
129 2.1 0.0 2.2

130 75.7 66.8 100.2



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

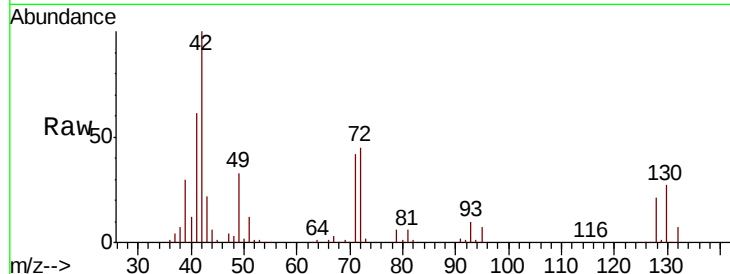




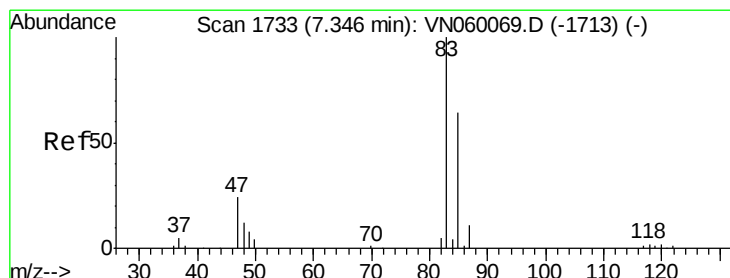
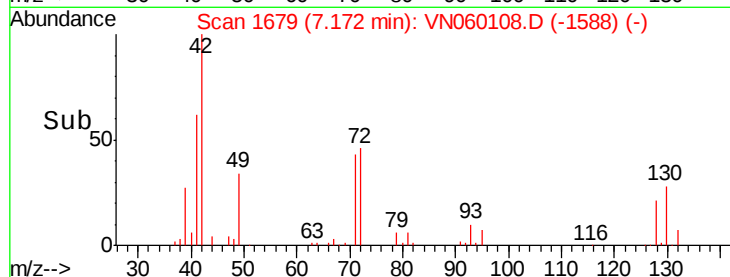
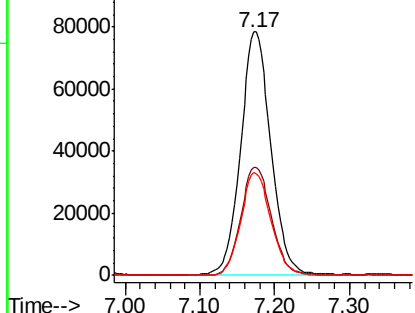
#29
Tetrahydrofuran
Concen: 277.464 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 221129
Ion Ratio Lower Upper
42 100
72 44.8 38.2 57.4
71 42.0 36.6 54.8

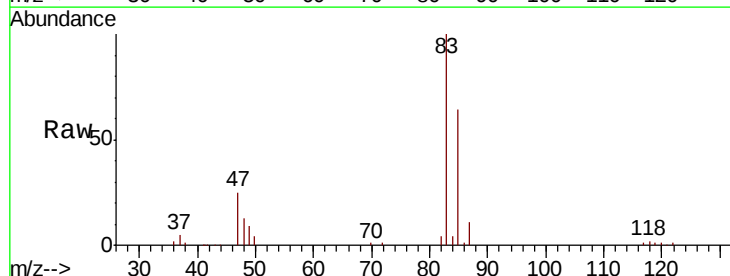


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

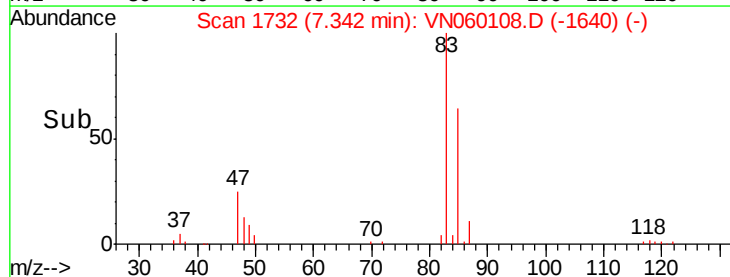
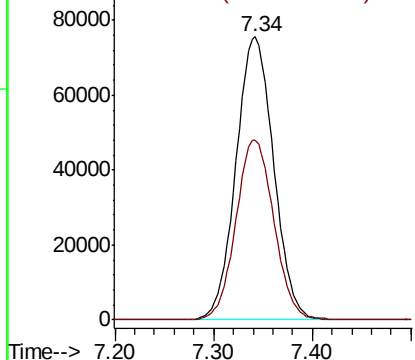


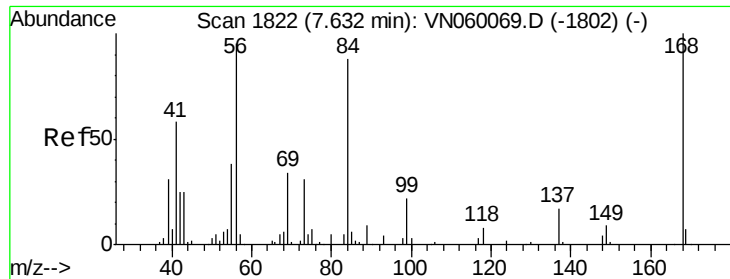
#30
Chloroform
Concen: 53.064 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 83 Resp: 199851
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.0



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

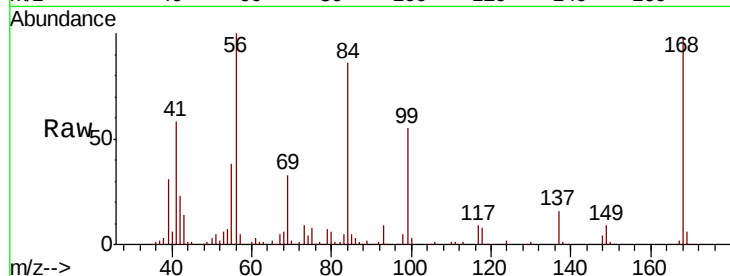




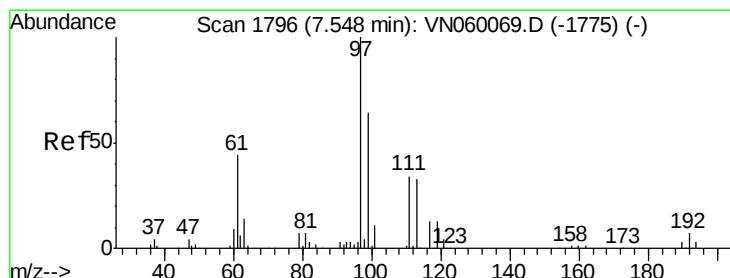
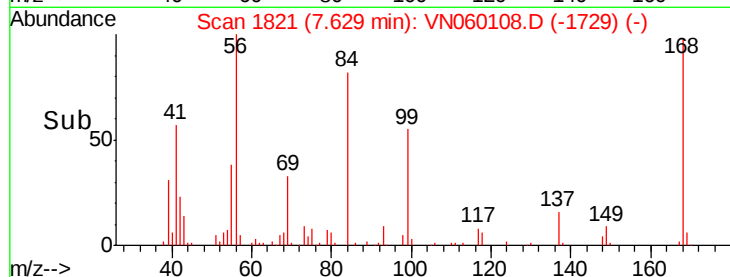
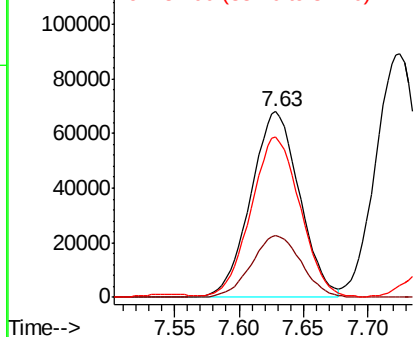
#31
Cyclohexane
Concen: 53.486 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 179137
Ion Ratio Lower Upper
56 100
69 33.1 28.3 42.5
84 85.2 72.6 108.8

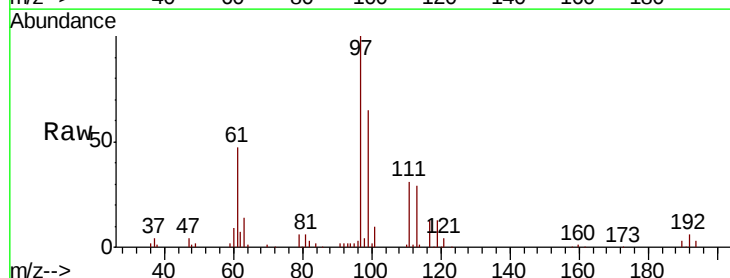


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

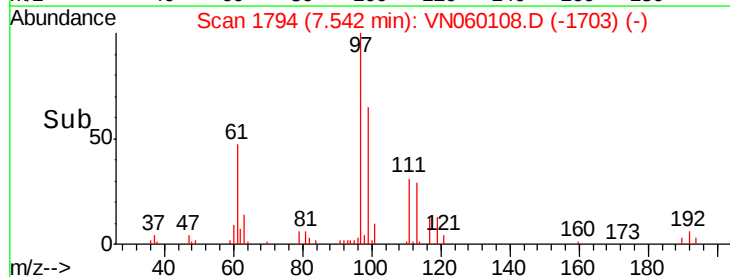
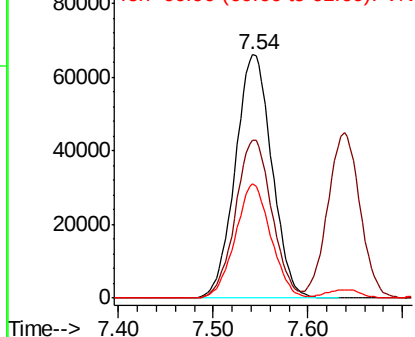


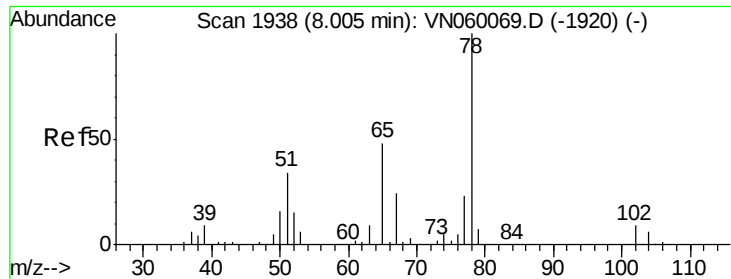
#32
1,1,1-Trichloroethane
Concen: 51.661 ug/l
RT: 7.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 97 Resp: 177801
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 45.8 34.9 52.3



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

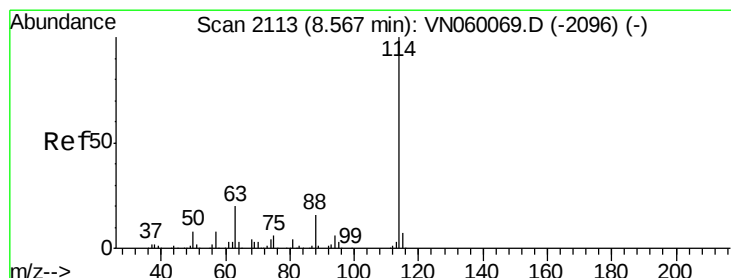
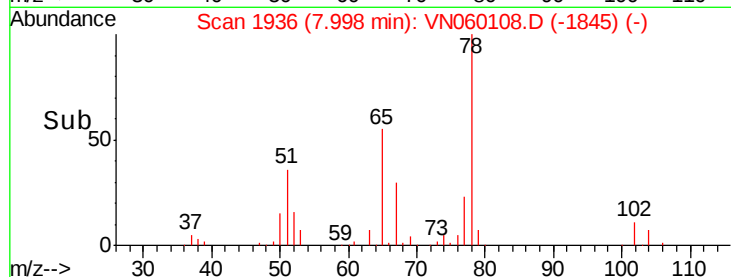
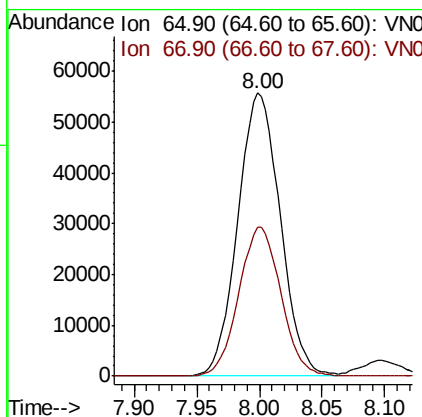
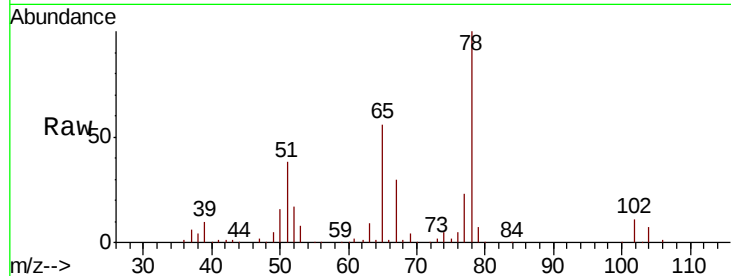




#33
 1,2-Dichloroethane-d4
 Concen: 55.586 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

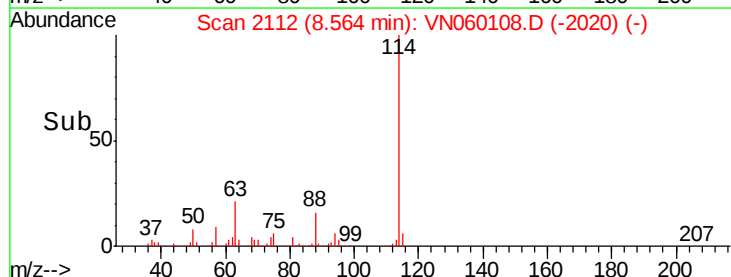
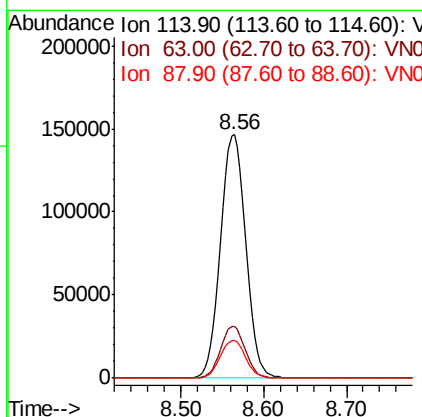
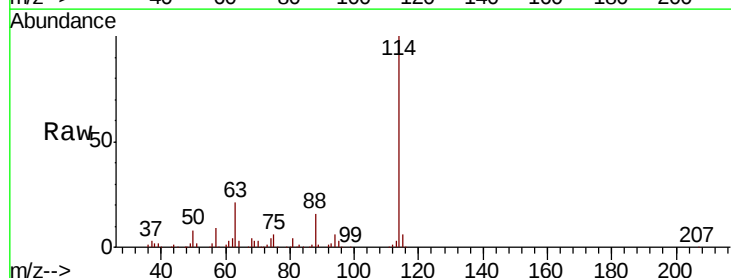
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 65 Resp: 131629
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion: 114 Resp: 309799
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.0
 88 15.5 0.0 31.6

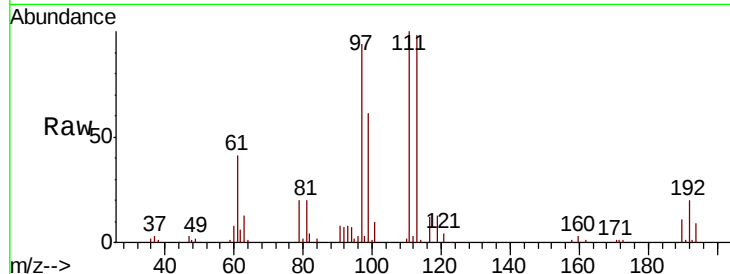




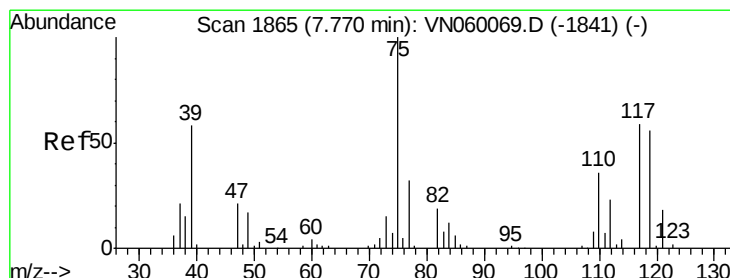
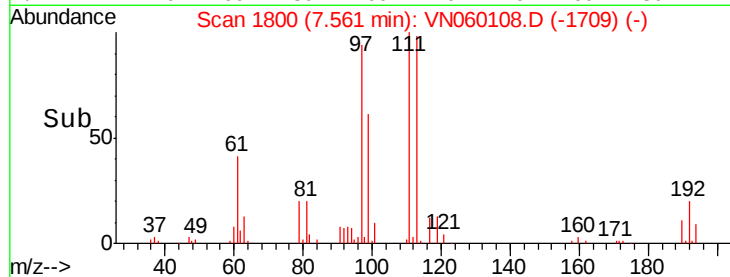
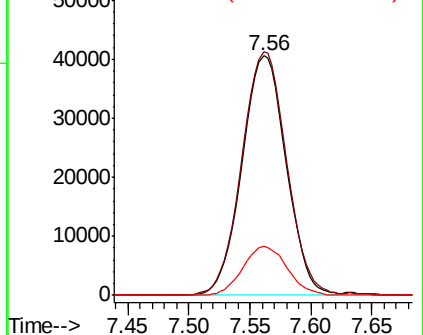
#35
 Dibromofluoromethane
 Concen: 53.553 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.2
192	20.4	16.2	24.2

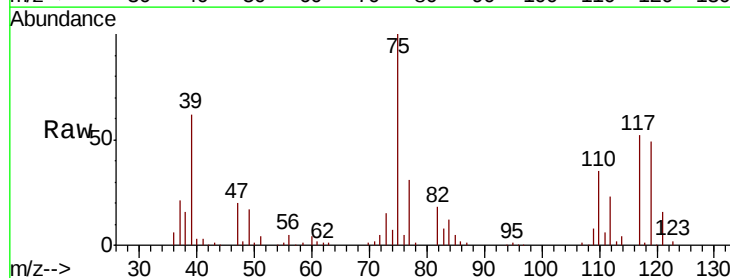


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

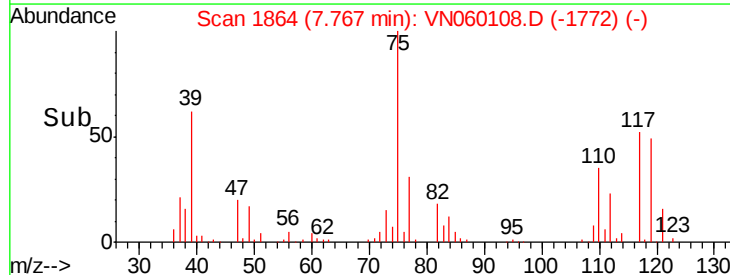
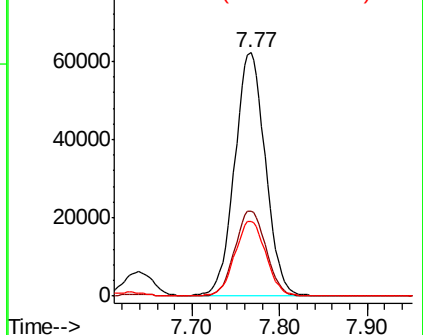


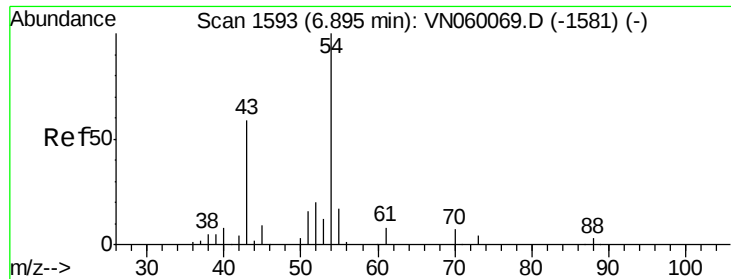
#36
 1,1-Dichloropropene
 Concen: 53.021 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	18.1	54.3
77	31.1	25.1	37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

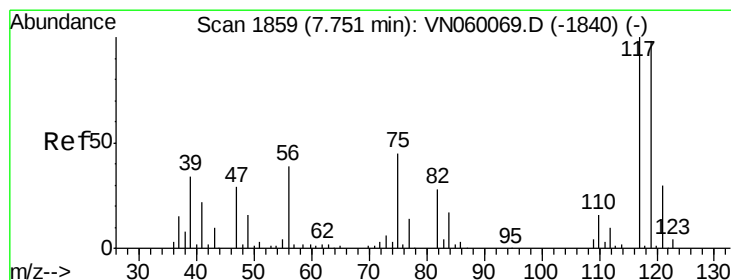
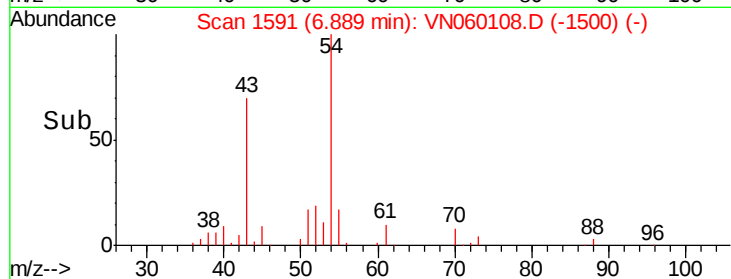
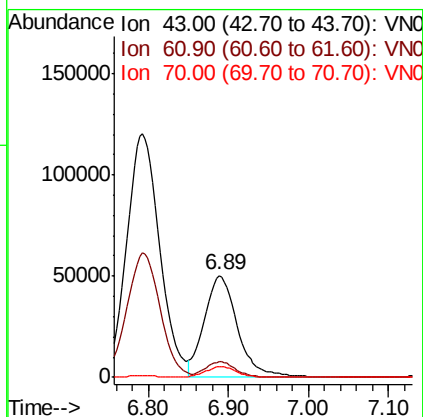
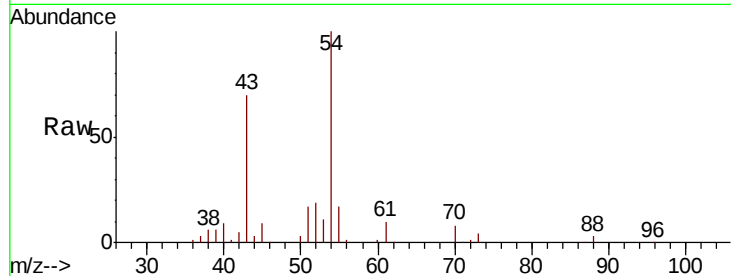




#37
Ethyl Acetate
Concen: 55.329 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

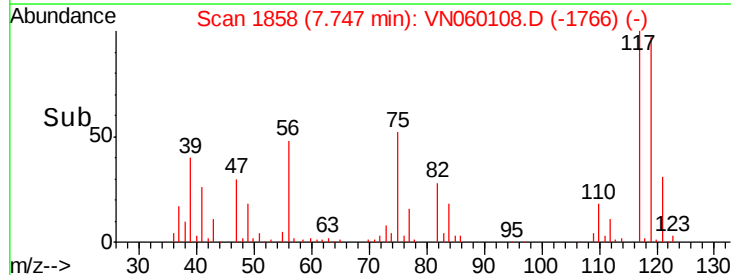
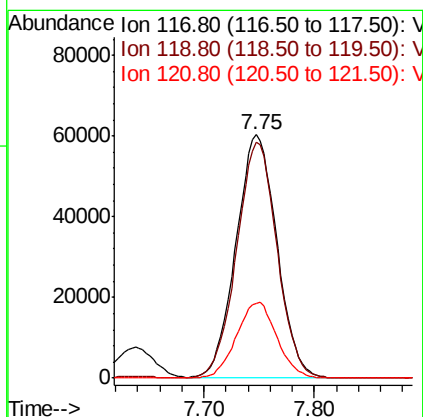
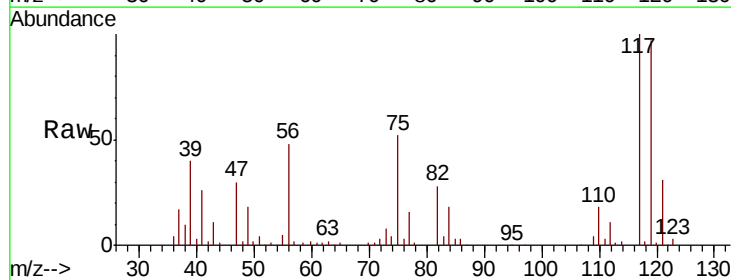
Instrument :
MSVOA_N
ClientSampleId :

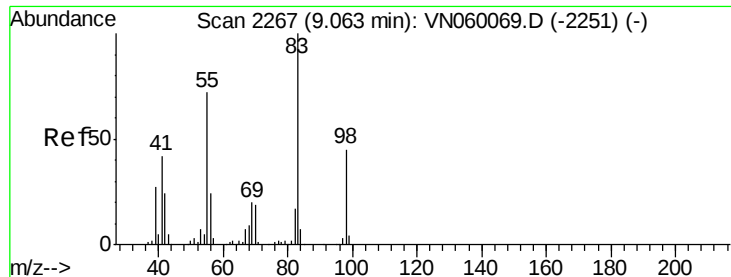
Tot Ion: 43 Resp: 143487
Ion Ratio Lower Upper
43 100
61 14.1 11.4 17.2
70 10.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.656 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 117 Resp: 154748
Ion Ratio Lower Upper
117 100
119 96.7 78.2 117.4
121 30.9 24.2 36.2

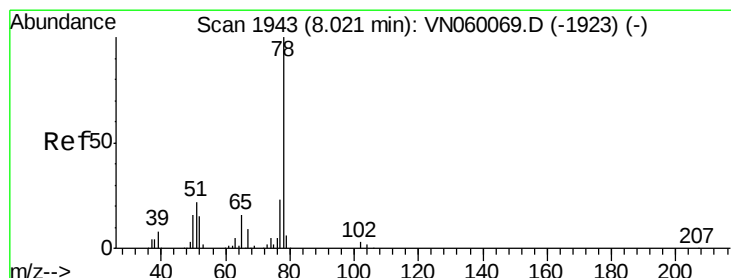
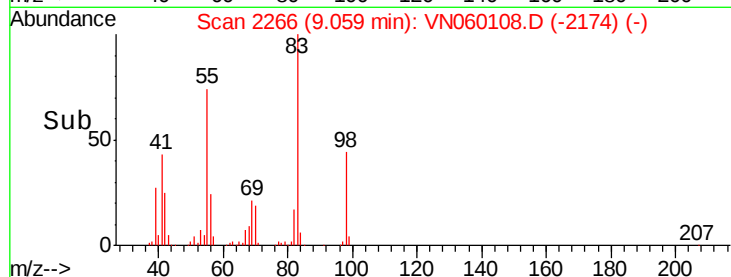
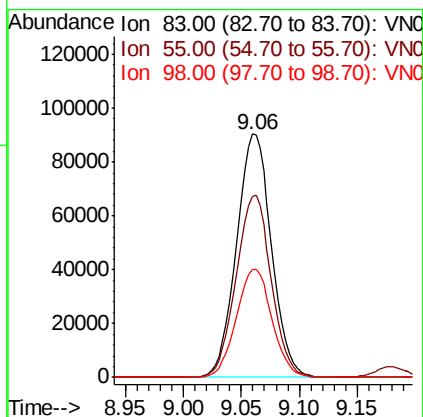
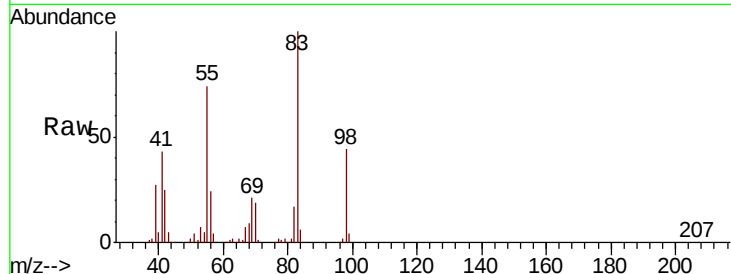




#39
Methvlcvclohexane
Concen: 53.040 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

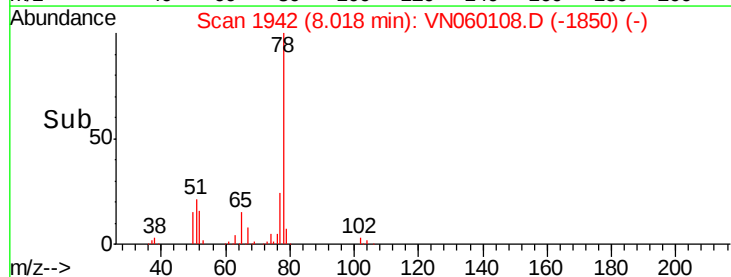
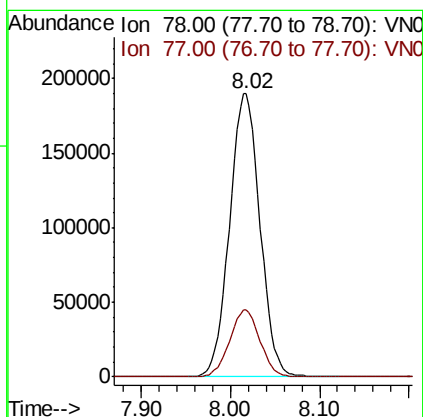
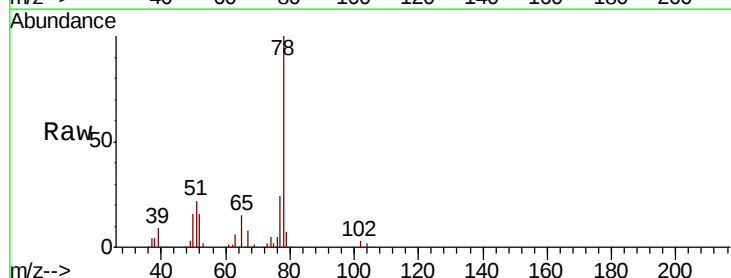
Instrument :
MSVOA_N
ClientSampled :

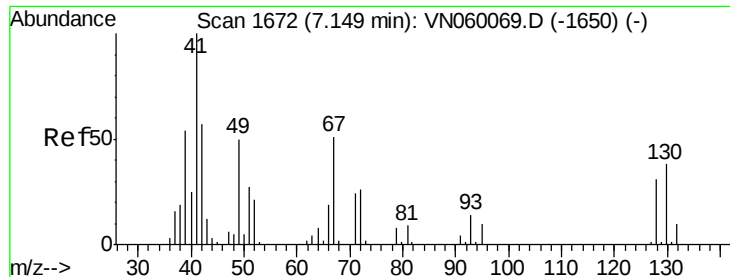
Tot Ion: 83 Resp: 188929
Ion Ratio Lower Upper
83 100
55 74.5 57.8 86.8
98 44.2 36.4 54.6



#40
Benzene
Concen: 52.566 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 78 Resp: 447439
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

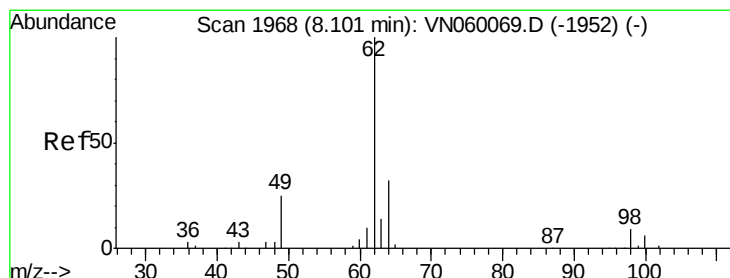
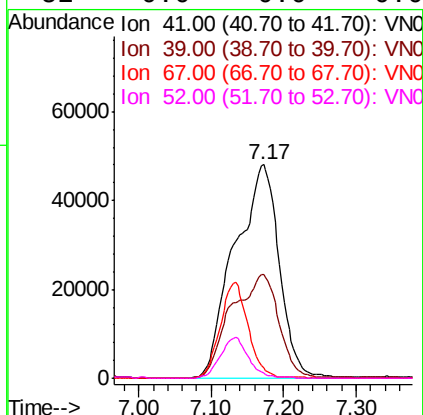
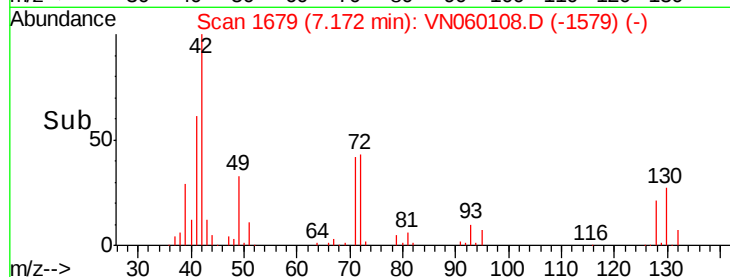
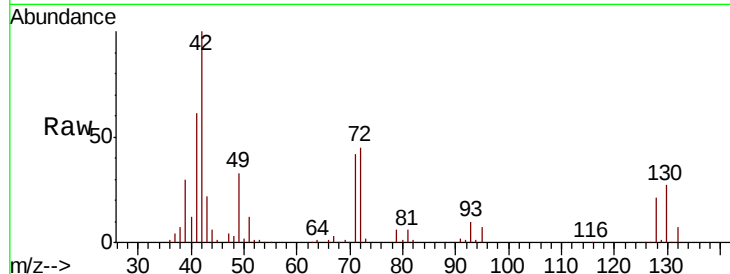




#41
Methacrylonitrile
Concen: 188.900 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.02 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

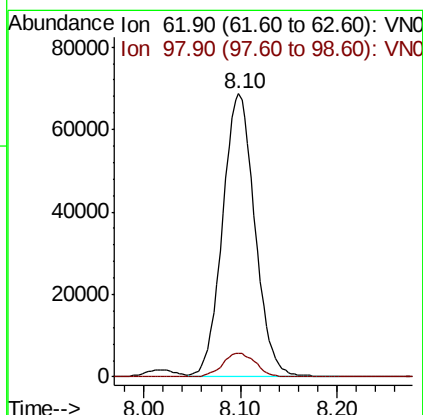
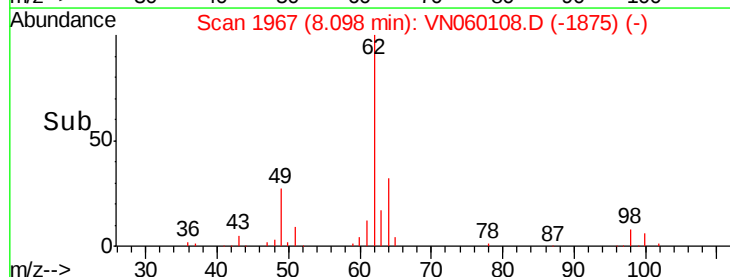
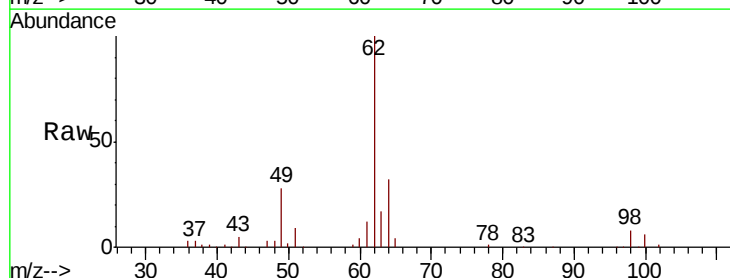
Instrument :
MSVOA_N
ClientSampled :

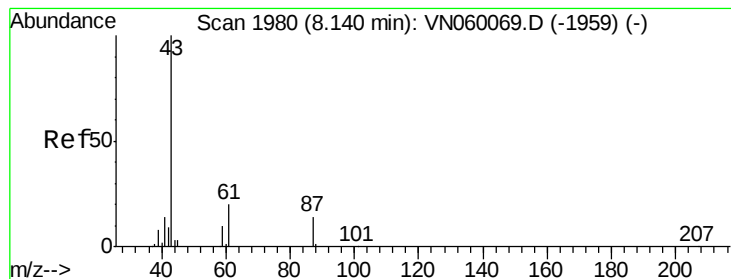
Tot Ion: 41 Resp: 205444
Ion Ratio Lower Upper
41 100
39 51.7 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.515 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 62 Resp: 159651
Ion Ratio Lower Upper
62 100
98 8.4 0.0 18.2





#43

Isopropyl Acetate

Concen: 55.852 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

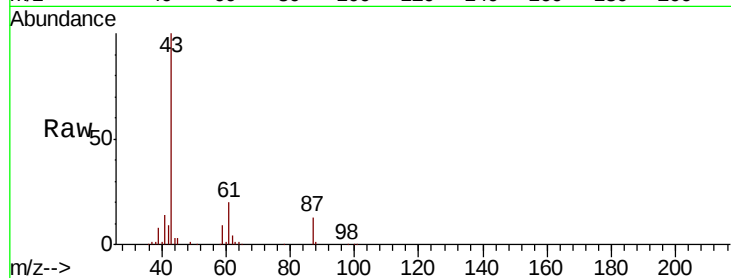
Tot Ion: 43 Resp: 247601

Ion Ratio Lower Upper

43 100

61 26.2 21.8 32.6

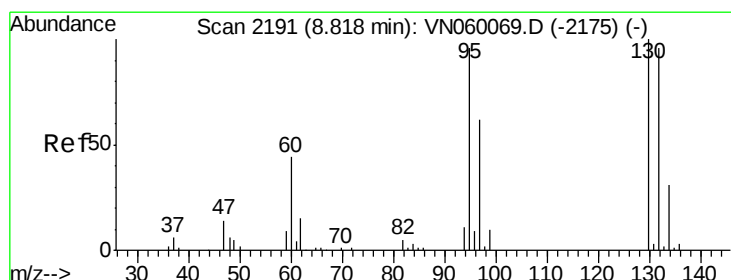
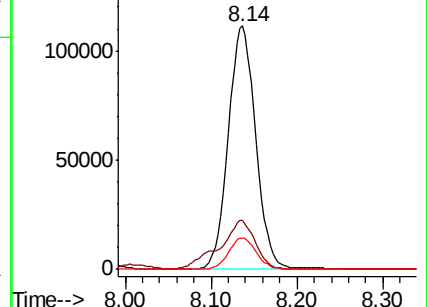
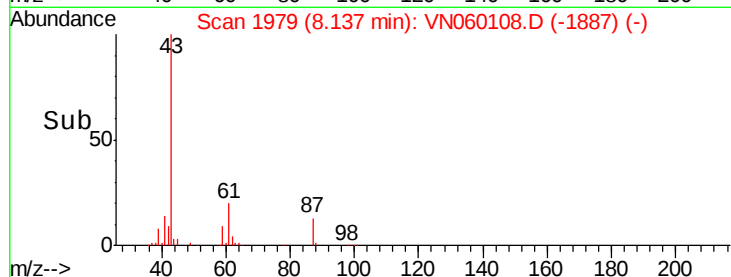
87 12.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060108.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN060108.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN060108.D (-1979) (-)



#44

Trichloroethene

Concen: 50.327 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060108.D

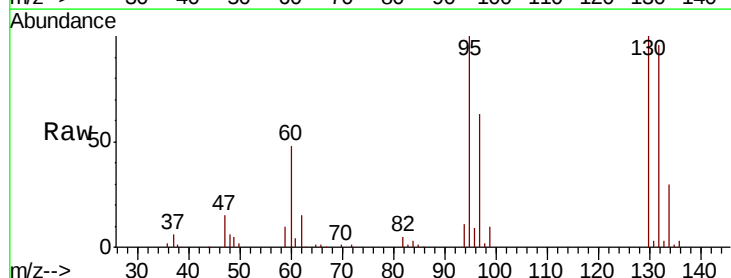
Acq: 14 Feb 2020 16:31

Tgt Ion:130 Resp: 118616

Ion Ratio Lower Upper

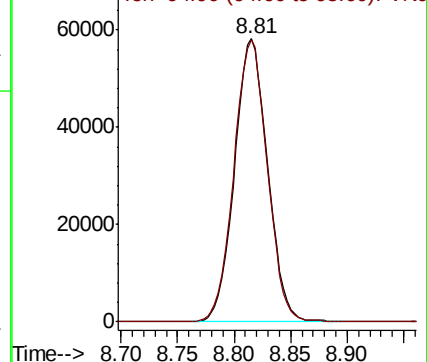
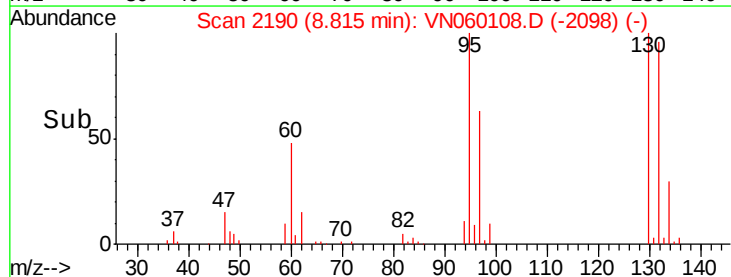
130 100

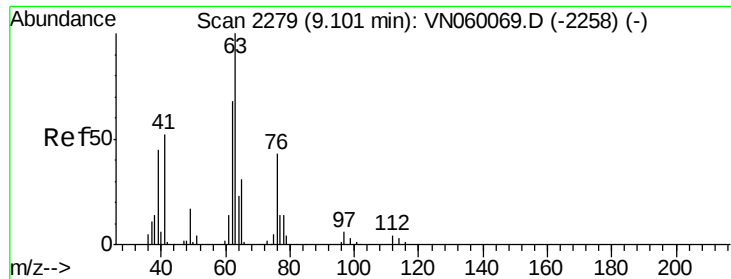
95 99.8 0.0 192.4



Abundance Ion 129.80 (129.50 to 130.50): VN060108.D (-2190) (-)

Ion 94.90 (94.60 to 95.60): VN060108.D (-2190) (-)

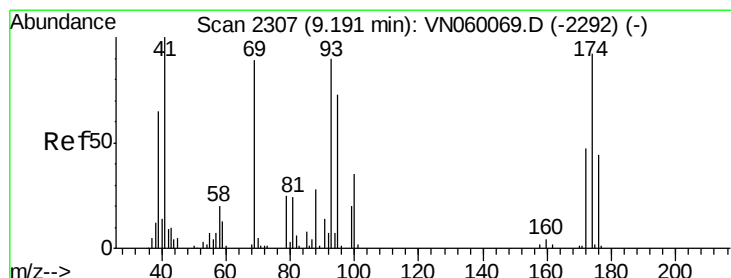
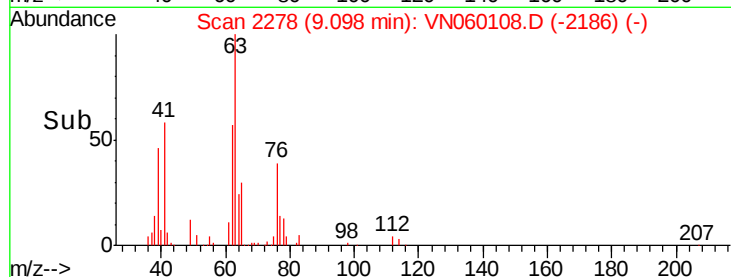
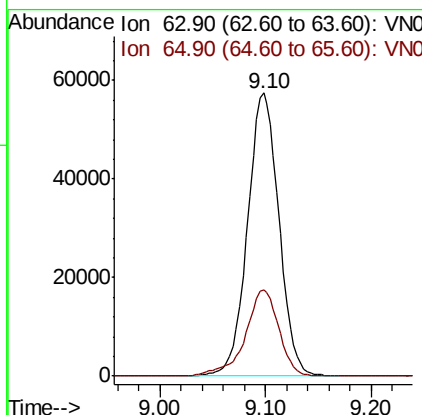
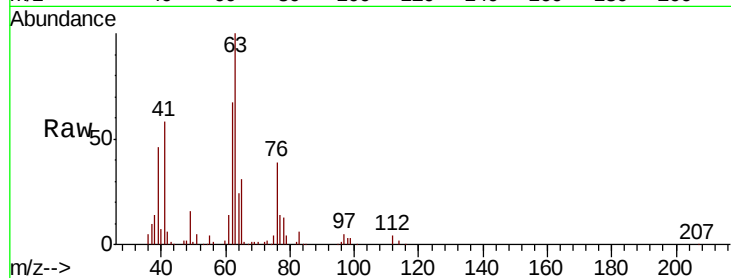




#45
 1,2-Dichloropropane
 Concen: 56.465 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

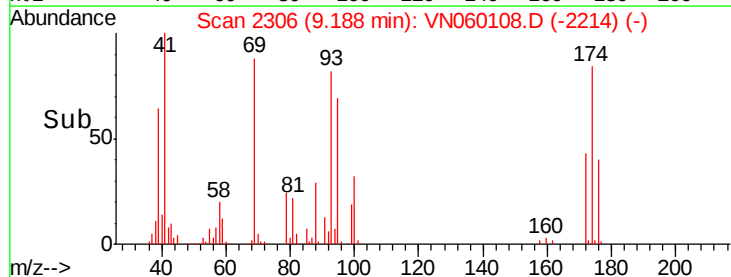
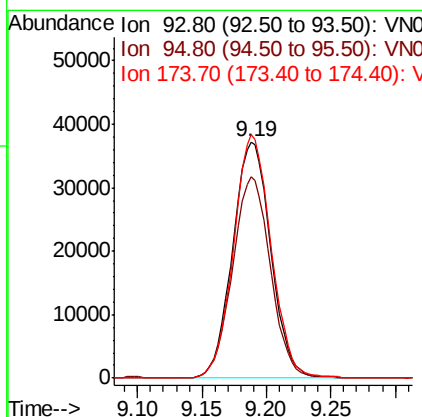
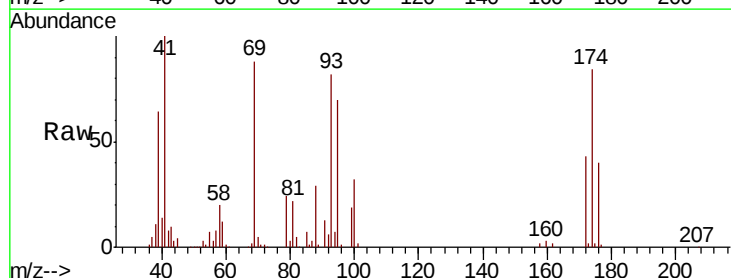
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 118992
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4



#46
 Dibromomethane
 Concen: 51.399 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion: 93 Resp: 76543
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.0 97.6
 174 101.3 82.3 123.5

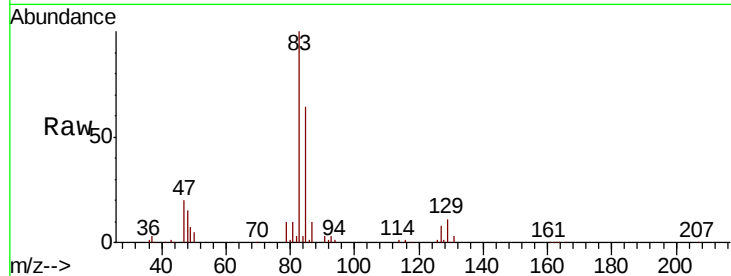




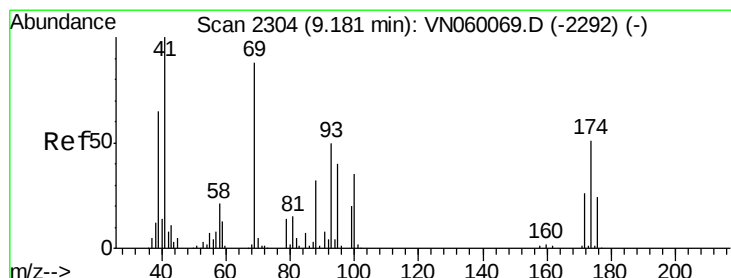
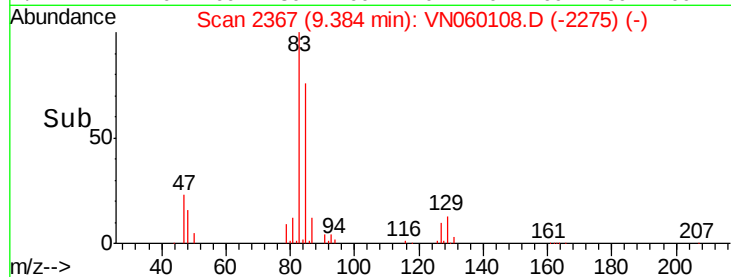
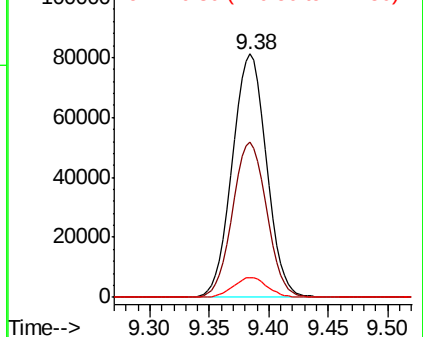
#47
 Bromodichloromethane
 Concen: 53.494 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 83 Resp: 161962
 Ion Ratio Lower Upper
 83 100
 85 63.6 50.6 75.8
 127 8.3 7.0 10.6

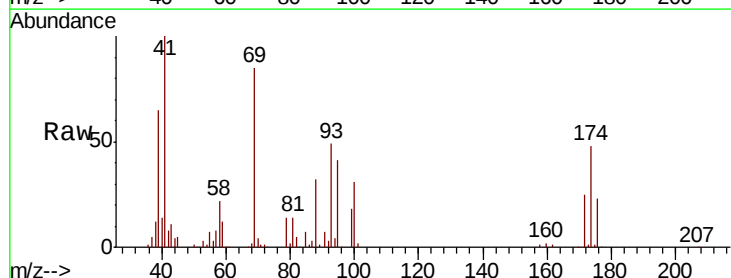


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

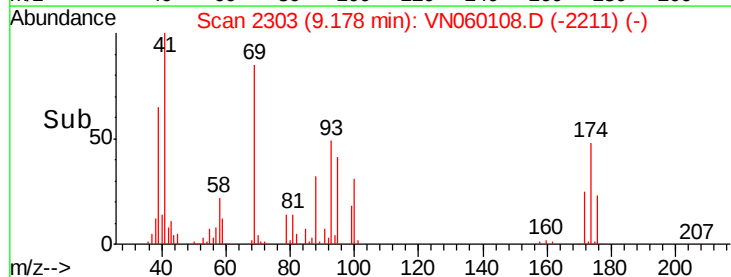
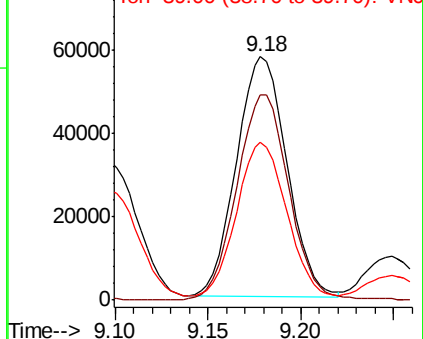


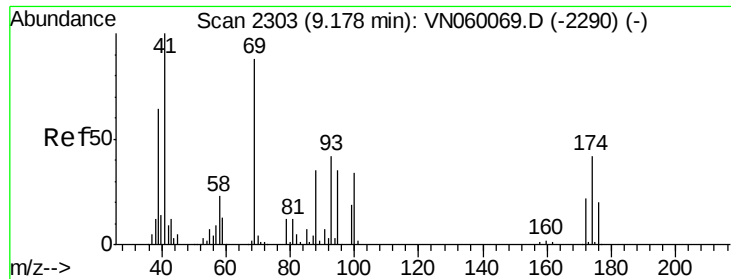
#48
 Methyl methacrylate
 Concen: 54.899 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion: 41 Resp: 109194
 Ion Ratio Lower Upper
 41 100
 69 88.3 72.0 108.0
 39 66.5 54.1 81.1



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

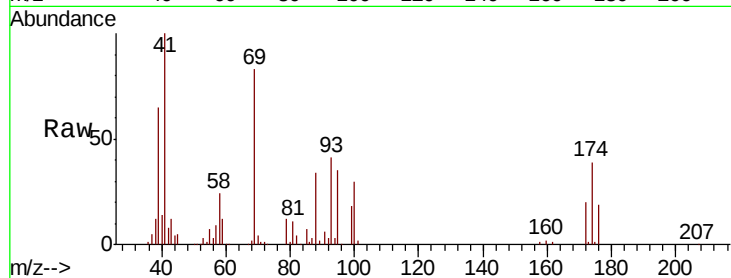




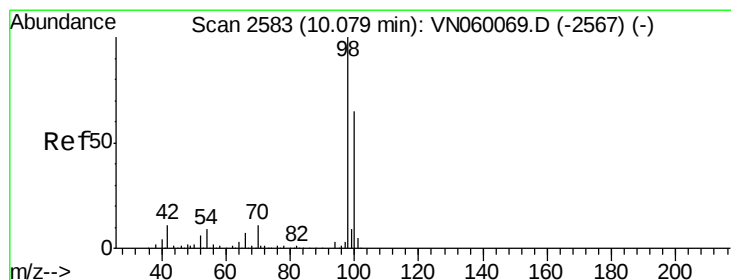
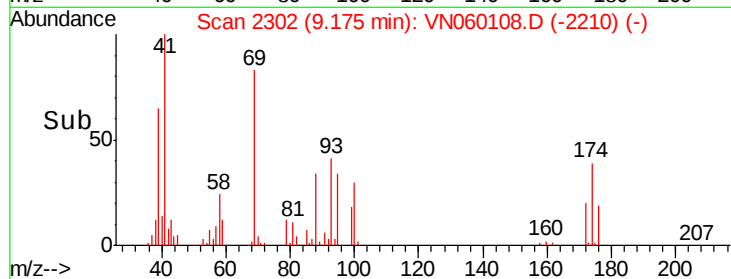
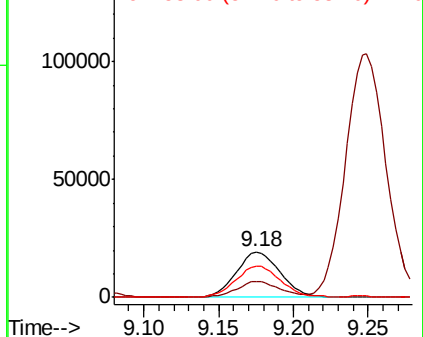
#49
1,4-Dioxane
Concen: 1158.254 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 39362
Ion Ratio Lower Upper
88 100
43 35.1 26.2 39.2
58 70.4 53.2 79.8

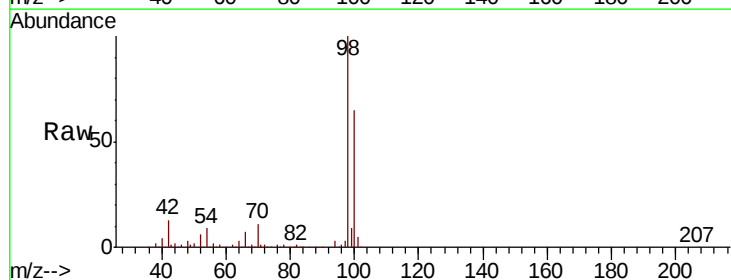


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

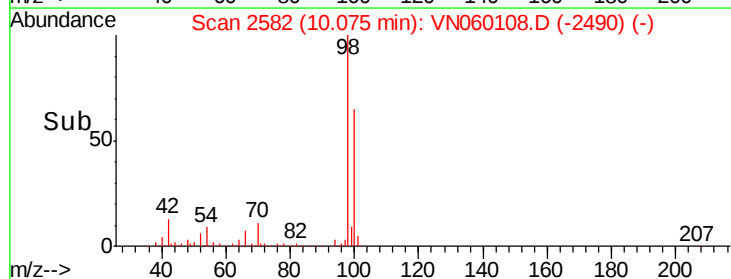
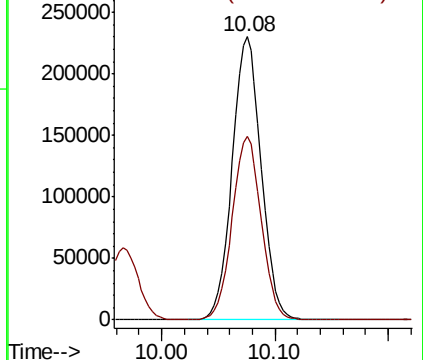


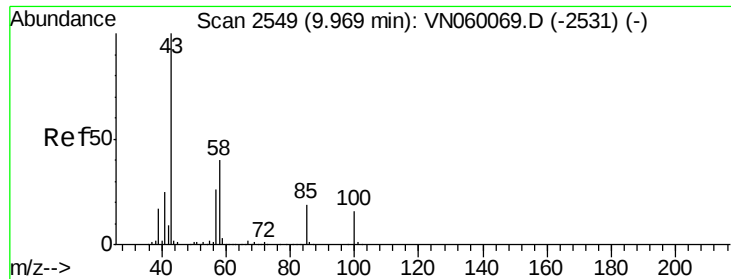
#50
Toluene-d8
Concen: 54.705 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 98 Resp: 410241
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 279.550 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

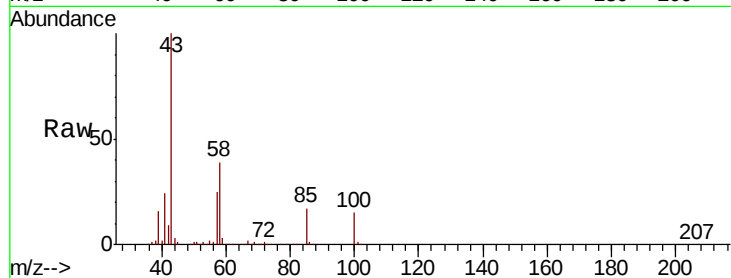
ClientSampled :

Tot Ion: 43 Resp: 717318

Ion Ratio Lower Upper

43 100

58 38.7 31.8 47.8



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

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

9.97

400000

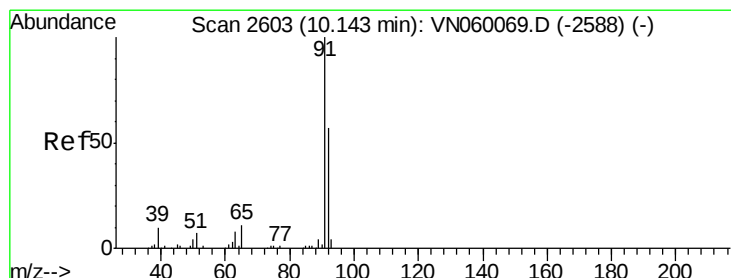
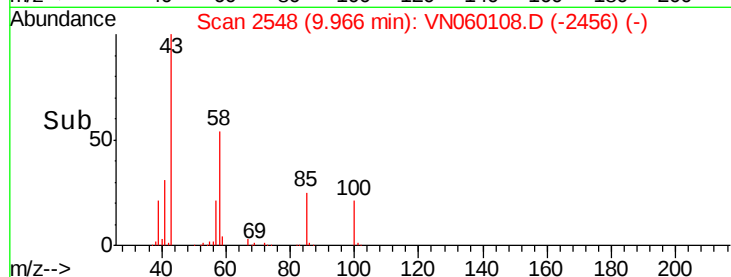
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.797 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060108.D

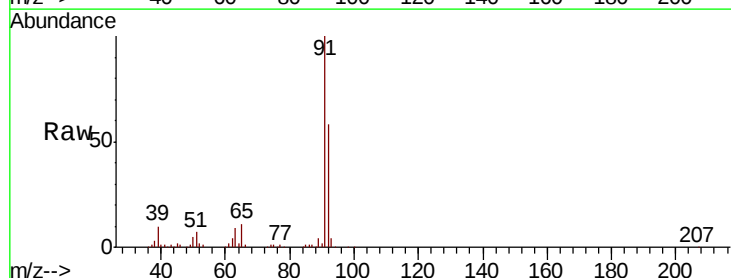
Acq: 14 Feb 2020 16:31

Tgt Ion: 92 Resp: 288189

Ion Ratio Lower Upper

92 100

91 173.1 140.9 211.3



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

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

10.14

300000

250000

200000

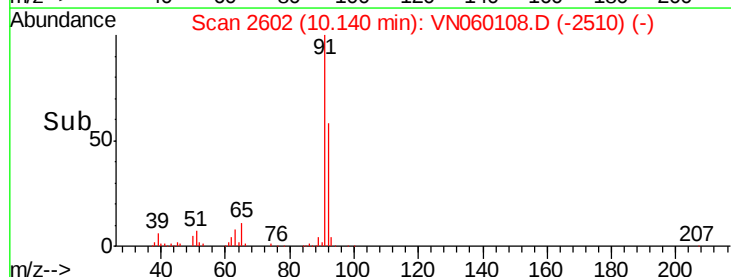
150000

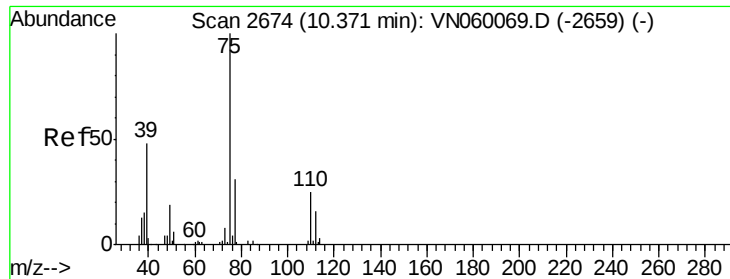
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.936 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

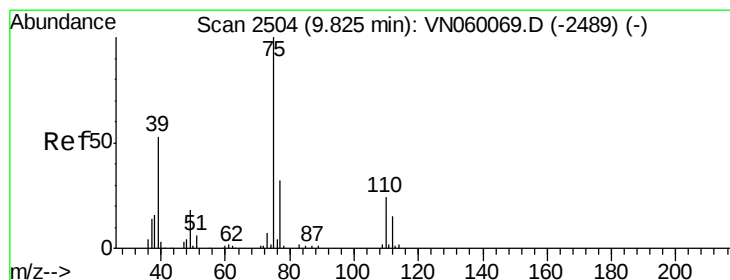
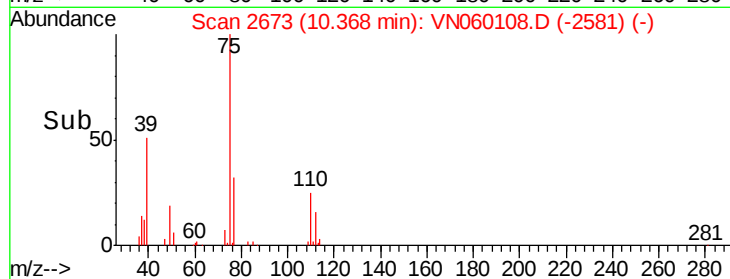
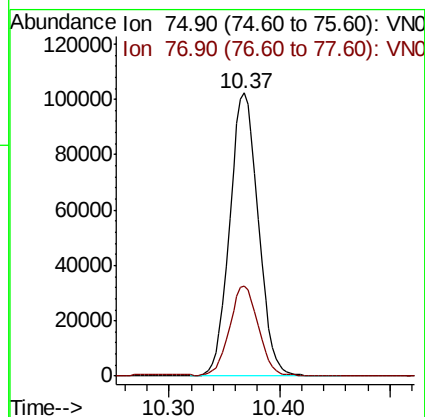
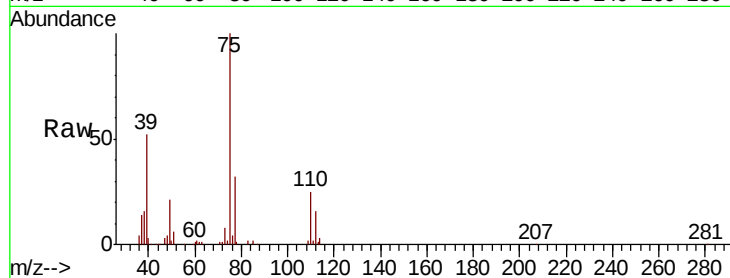
ClientSampled :

Tot Ion: 75 Resp: 184328

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 54.244 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

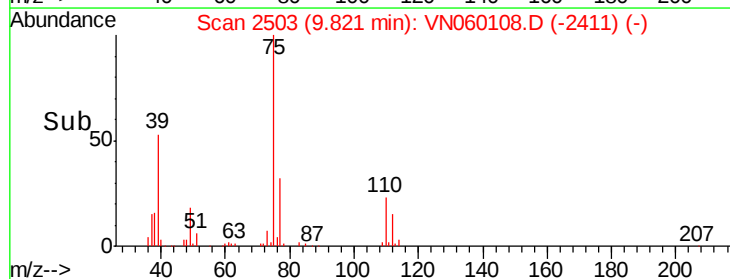
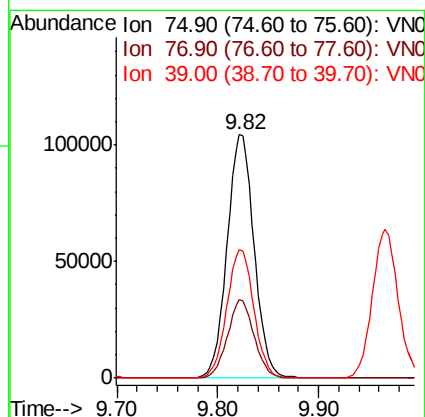
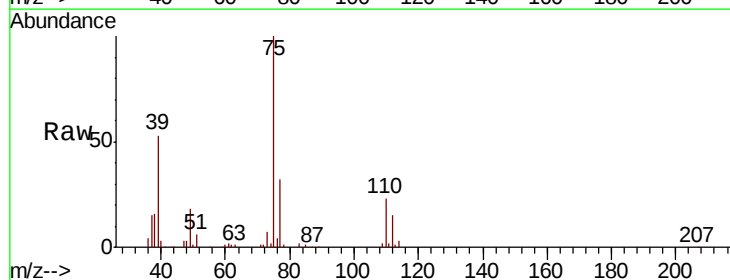
Tgt Ion: 75 Resp: 195206

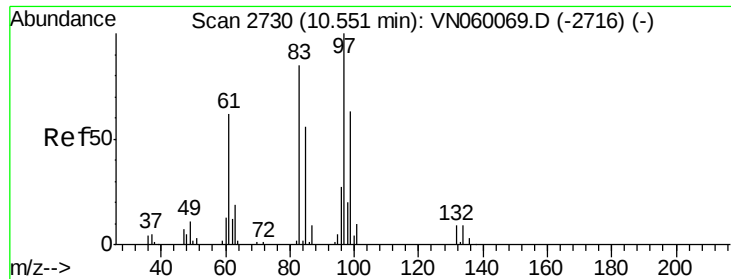
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 52.7 42.2 63.4

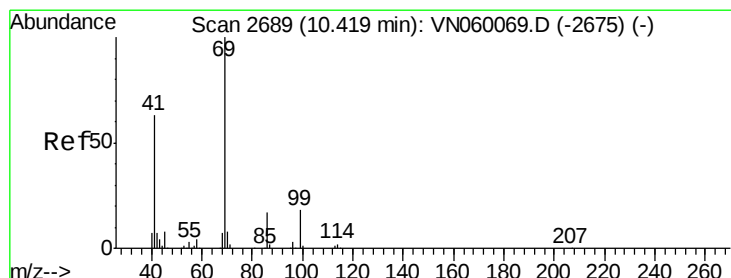
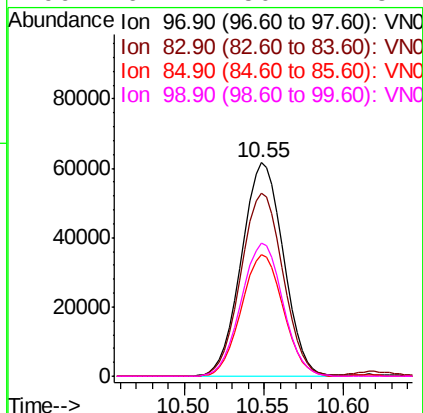
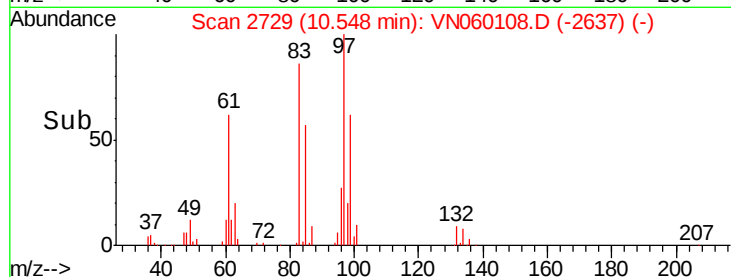
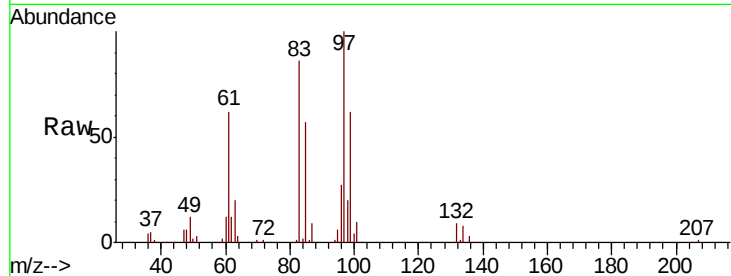




#55
 1,1,2-Trichloroethane
 Concen: 51.964 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

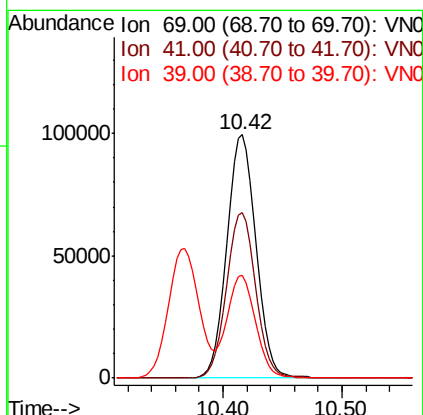
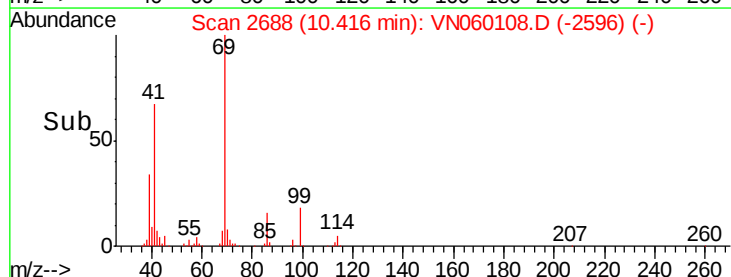
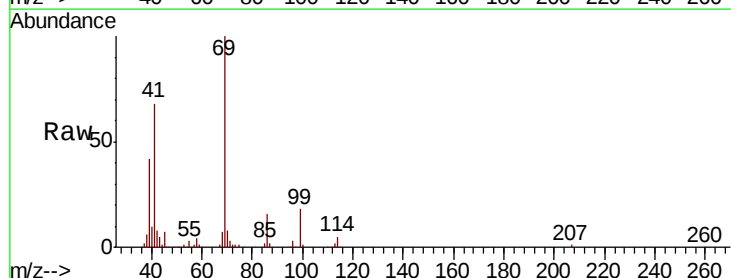
Instrument :
 MSVOA_N
 ClientSampled :

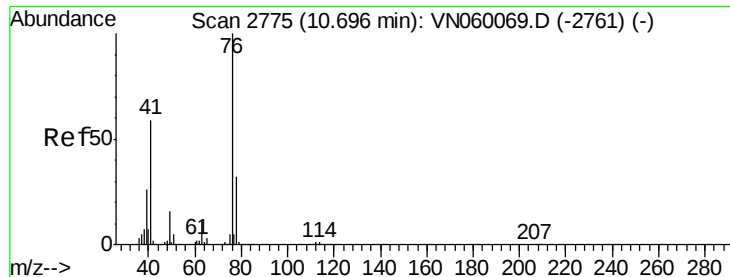
Tot Ion:	97	Resp:	110655
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.9	101.9
85	56.7	44.6	67.0
99	62.2	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 56.180 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion:	69	Resp:	169238
Ion	Ratio	Lower	Upper
69	100		
41	67.3	51.1	76.7
39	41.1	33.8	50.8





#57

1,3-Dichloropropane

Concen: 52.745 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

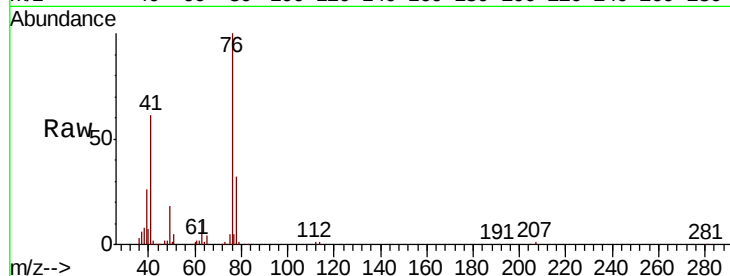
ClientSampleId :

Tot Ion: 76 Resp: 185334

Ion Ratio Lower Upper

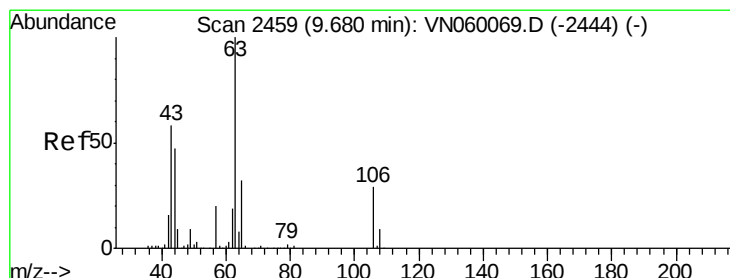
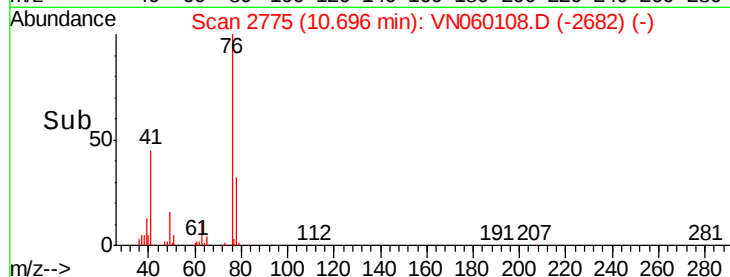
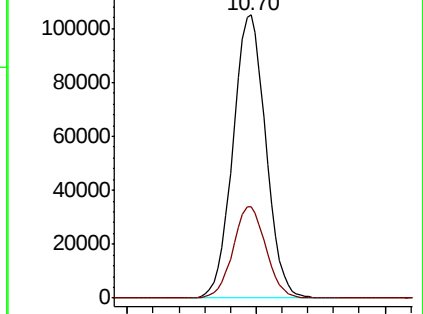
76 100

78 32.3 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN060108.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060108.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 278.575 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060108.D

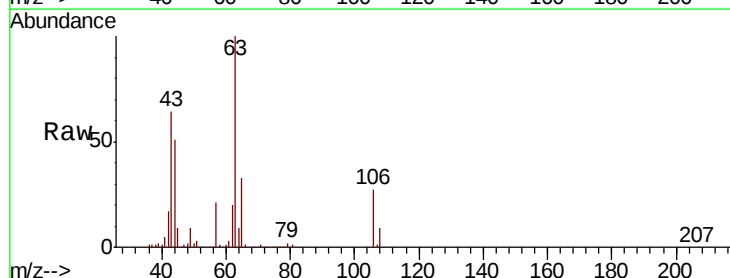
Acq: 14 Feb 2020 16:31

Tgt Ion: 63 Resp: 390949

Ion Ratio Lower Upper

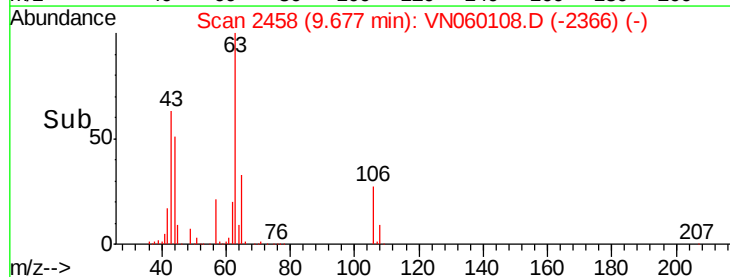
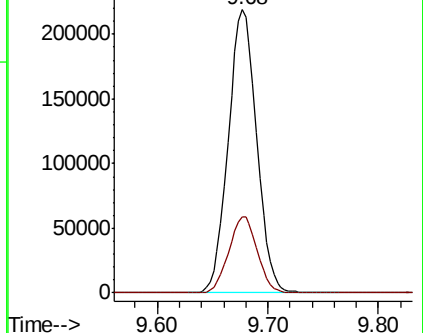
63 100

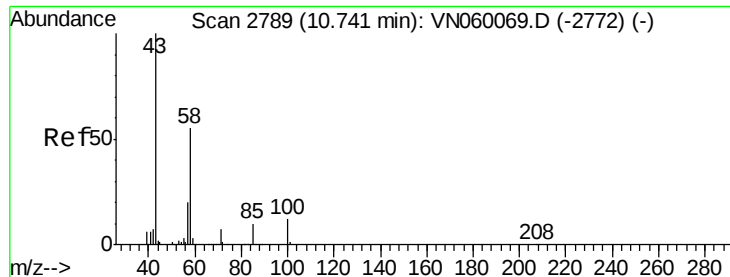
106 27.0 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VN060108.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060108.D (-2366) (-)

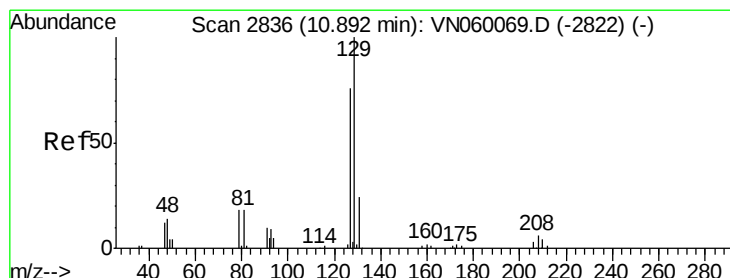
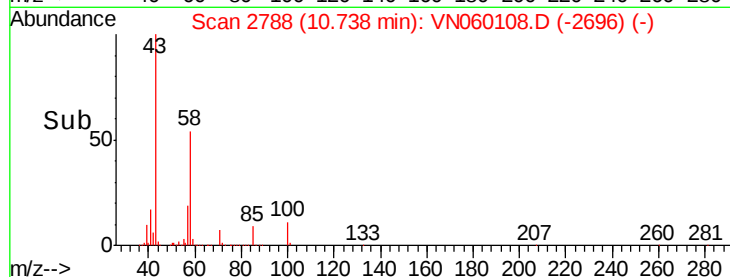
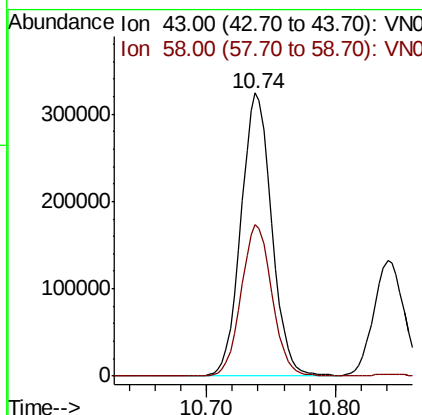
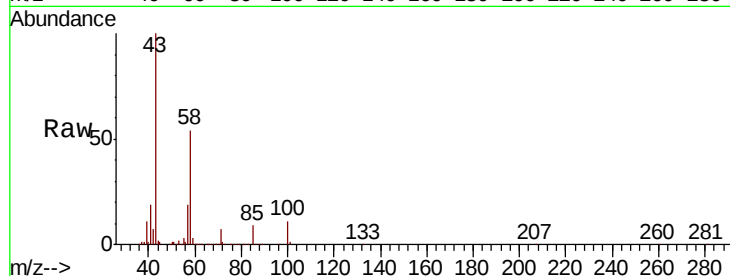




#59
2-Hexanone
Concen: 269.990 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

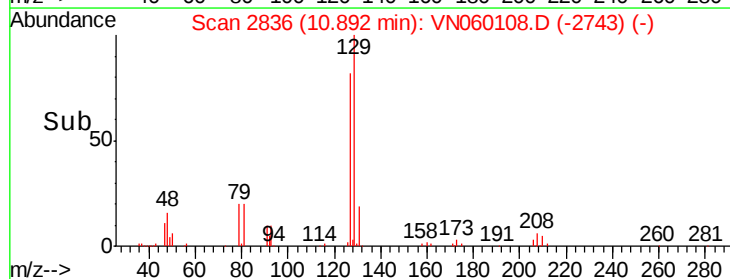
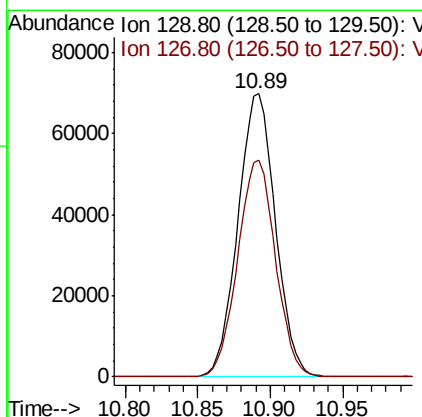
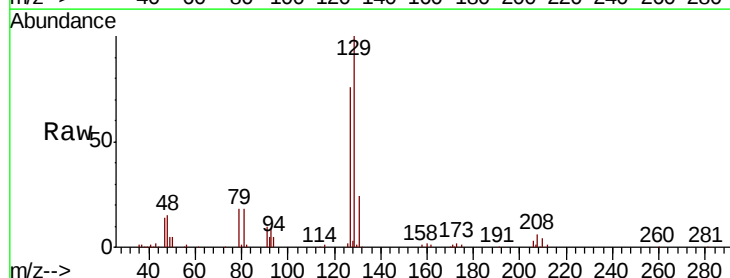
Instrument :
MSVOA_N
ClientSampled :

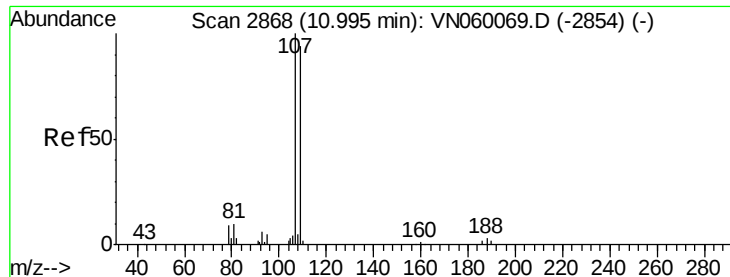
Tot Ion: 43 Resp: 535160
Ion Ratio Lower Upper
43 100
58 53.9 27.5 82.4



#60
Dibromochloromethane
Concen: 51.460 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 129 Resp: 125751
Ion Ratio Lower Upper
129 100
127 77.2 38.0 114.1

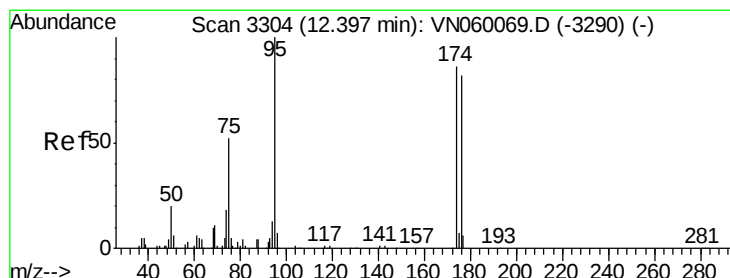
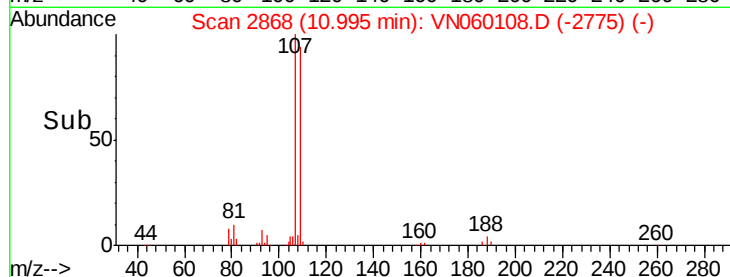
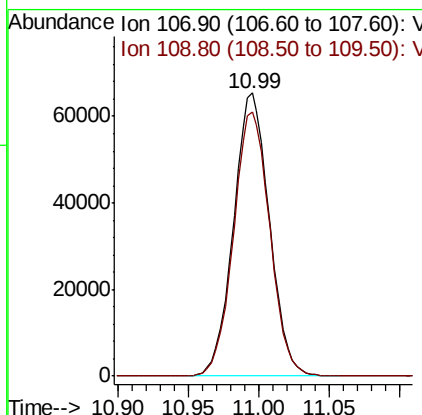
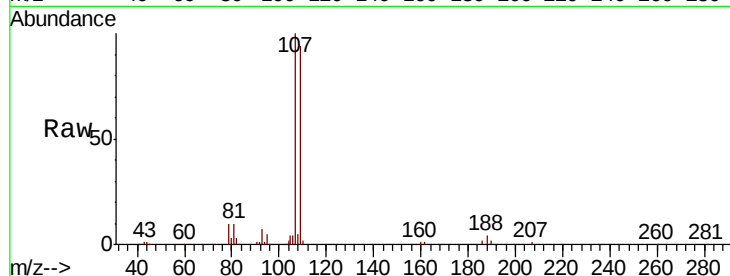




#61
 1,2-Dibromoethane
 Concen: 52.110 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

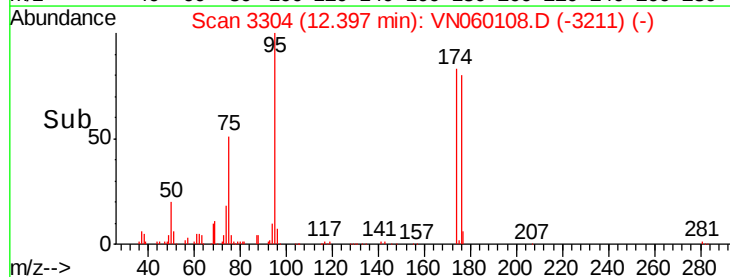
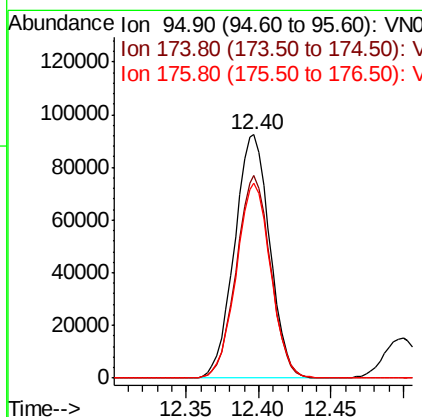
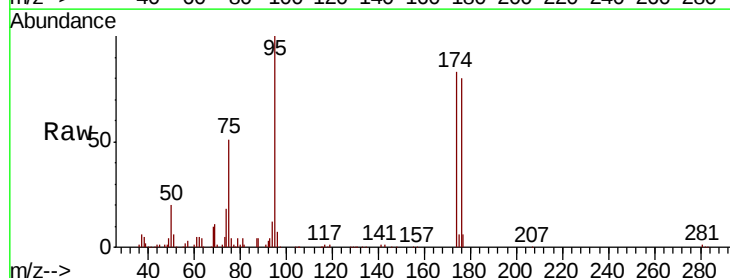
Instrument :
 MSVOA_N
 ClientSampleId :

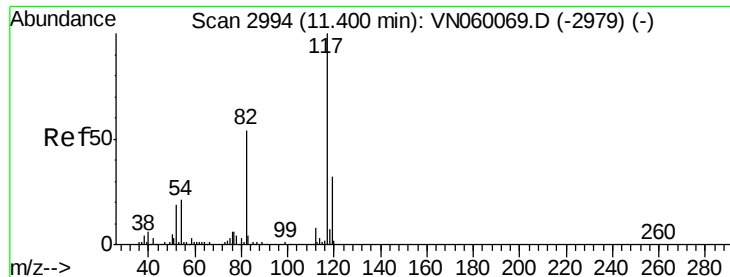
Tot Ion:107 Resp: 116326
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 56.583 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion: 95 Resp: 155921
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 169.8
 176 78.6 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

ClientSampled :

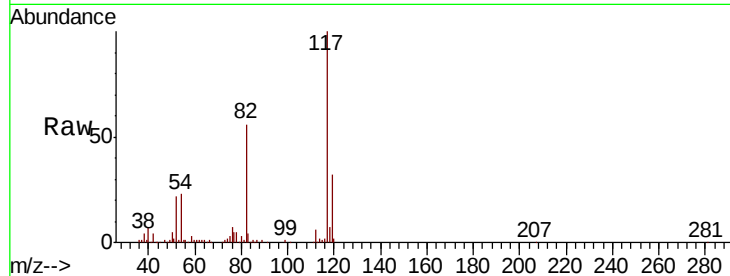
Tot Ion:117 Resp: 295102

Ion Ratio Lower Upper

117 100

82 55.6 43.4 65.0

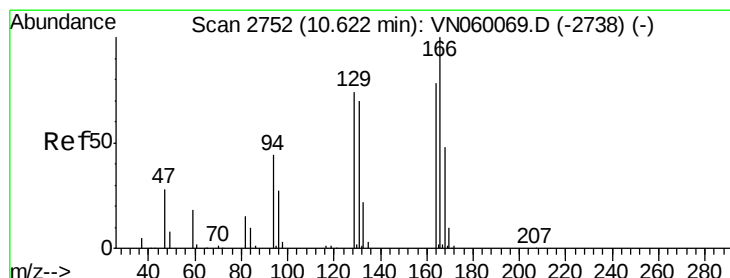
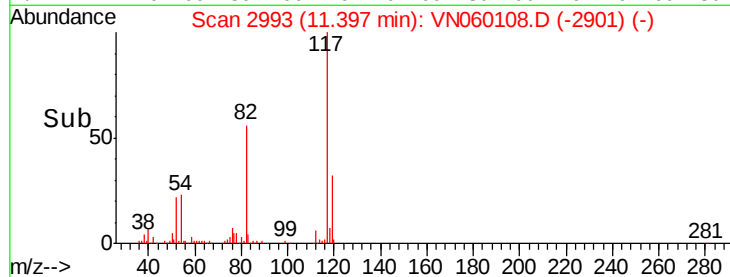
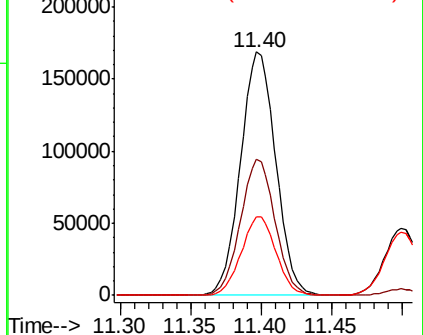
119 32.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 47.916 ug/l

RT: 10.62 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Tgt Ion:164 Resp: 107491

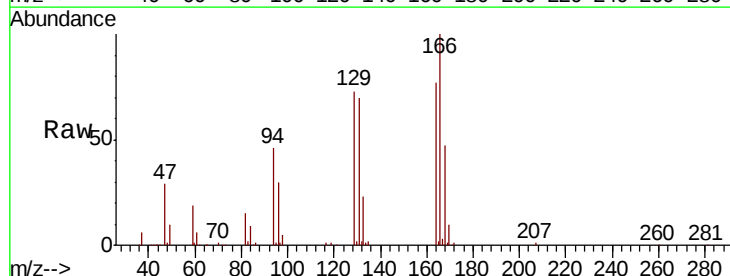
Ion Ratio Lower Upper

164 100

166 130.1 101.9 152.9

129 95.4 75.4 113.0

131 91.0 71.4 107.2

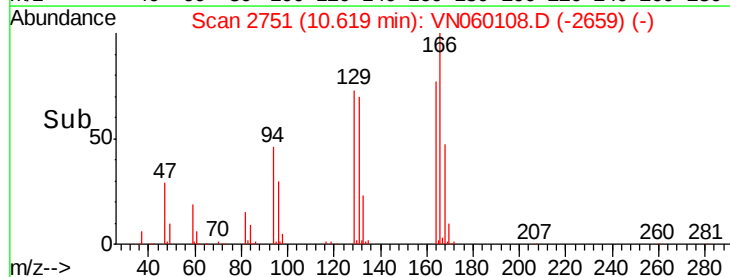
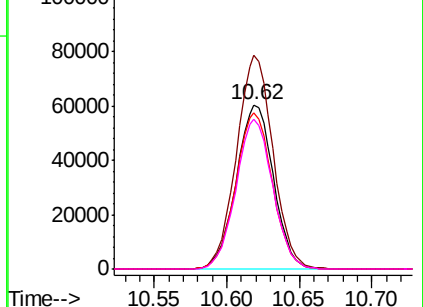


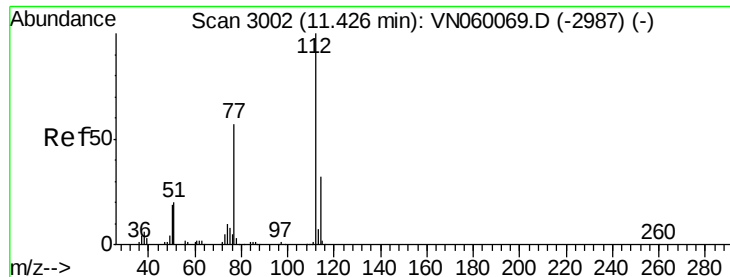
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.908 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

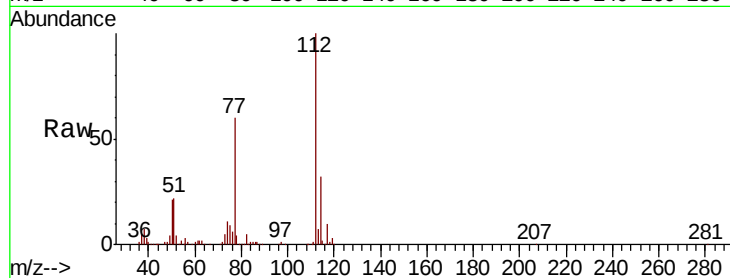
ClientSampleId :

Tot Ion:112 Resp: 306070

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

100000

50000

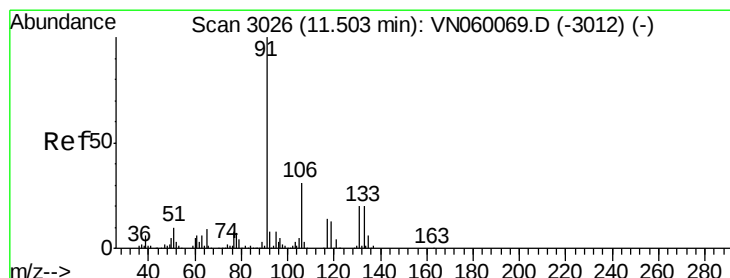
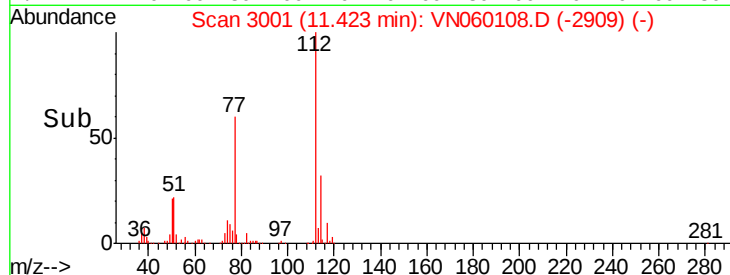
0

11.42

11.40

11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.194 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

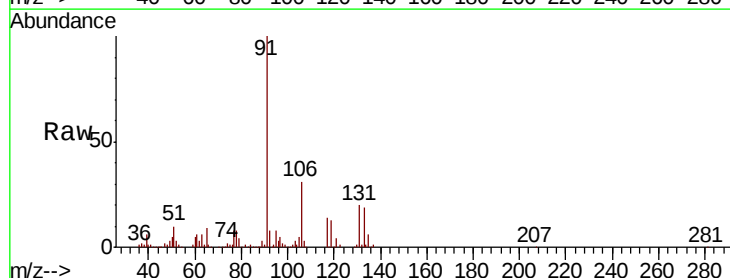
Tgt Ion:131 Resp: 114162

Ion Ratio Lower Upper

131 100

133 96.8 47.9 143.7

119 66.5 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

80000

60000

40000

20000

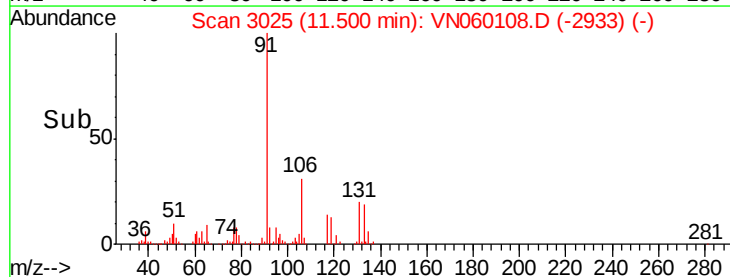
0

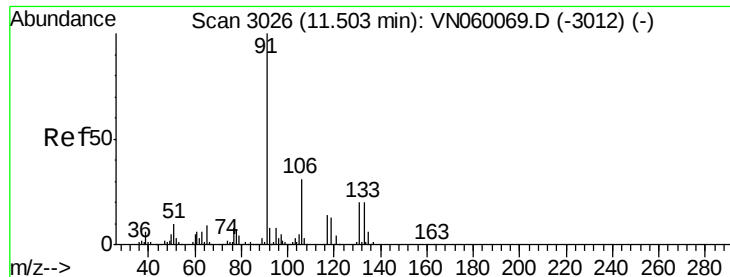
11.50

11.45

11.55

Time-->

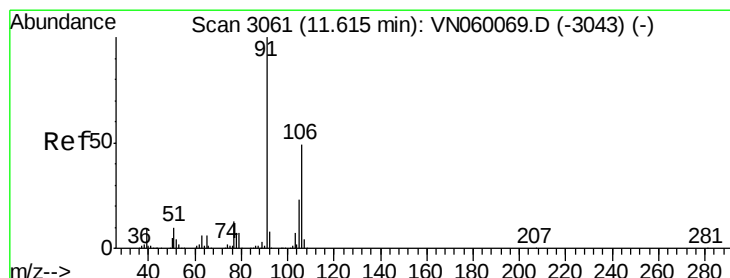
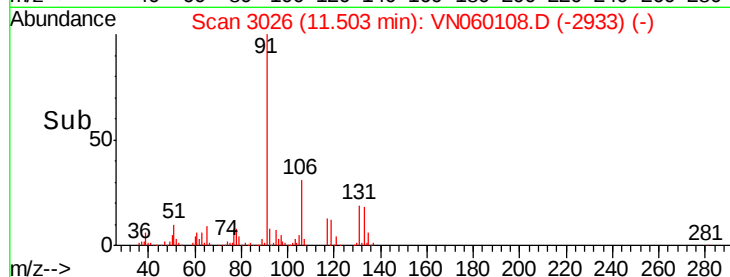
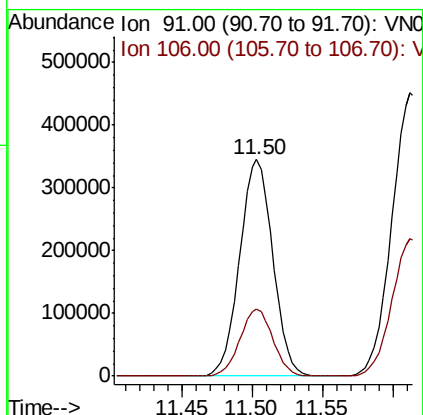
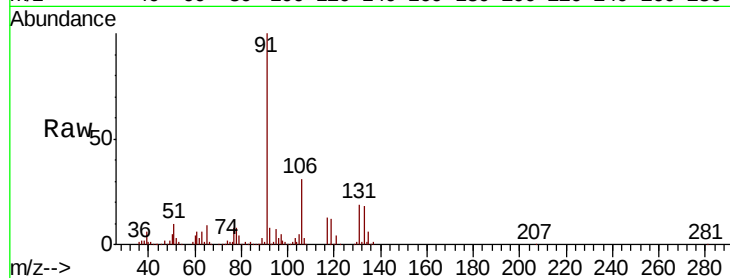




#67
Ethyl Benzene
Concen: 52.439 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

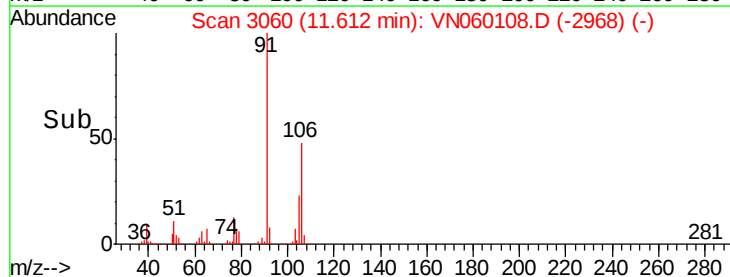
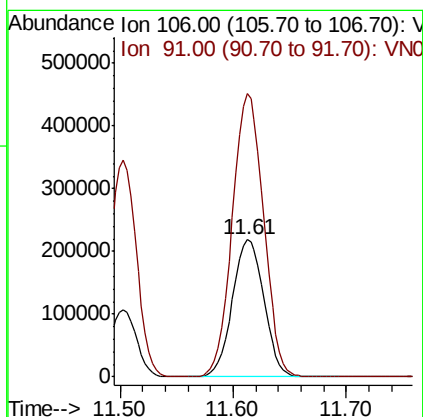
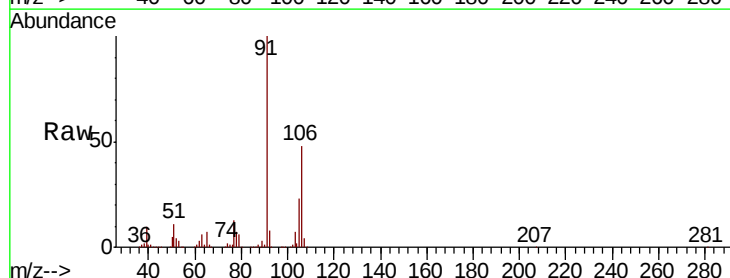
Instrument :
MSVOA_N
ClientSampled :

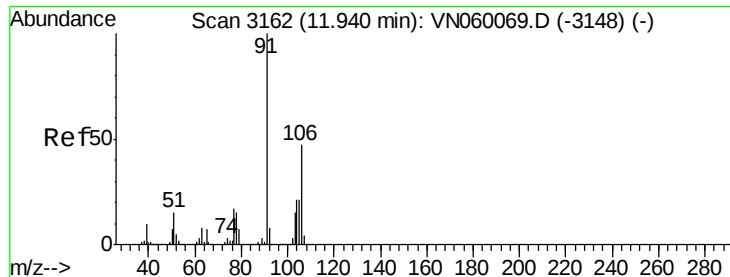
Tot Ion: 91 Resp: 568620
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 104.340 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 106 Resp: 424636
Ion Ratio Lower Upper
106 100
91 204.9 162.7 244.1

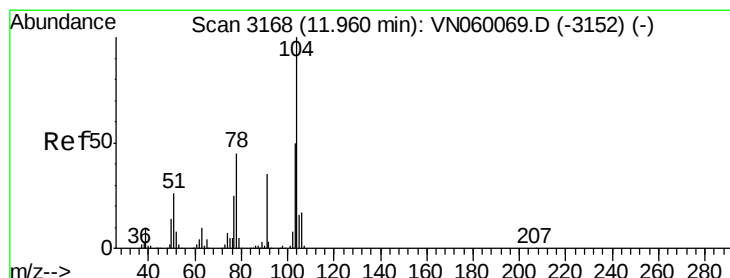
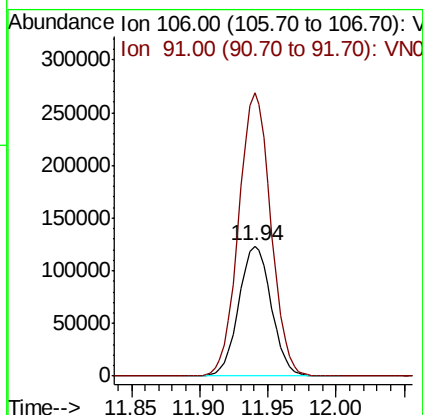
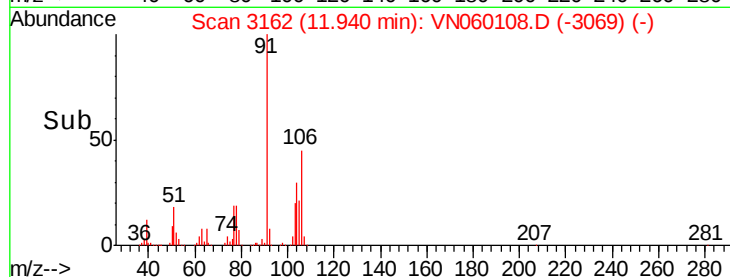
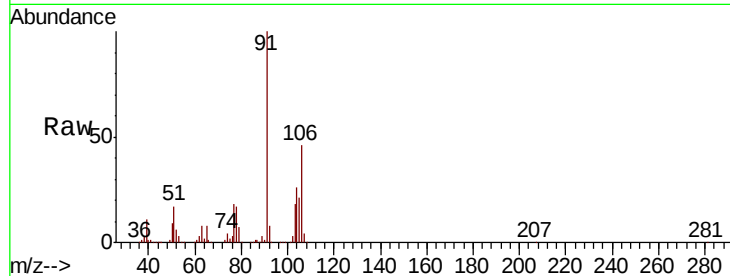




#69
o-Xylene
Concen: 52.022 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

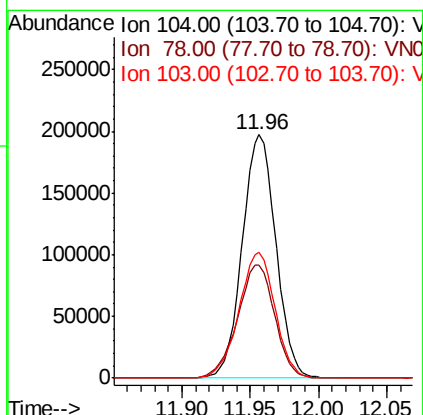
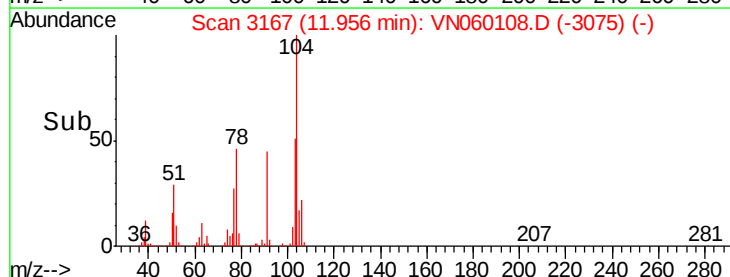
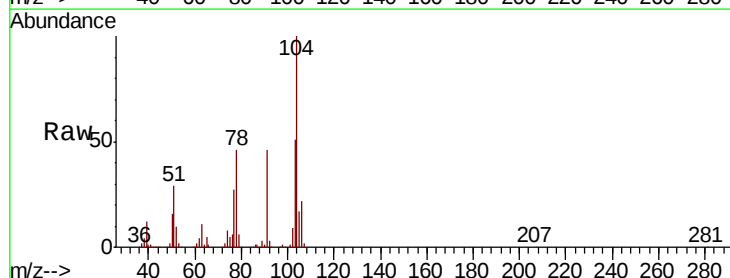
Instrument :
MSVOA_N
ClientSampled :

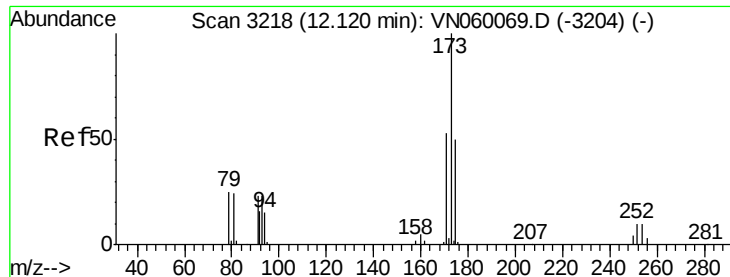
Tot Ion:106 Resp: 203851
Ion Ratio Lower Upper
106 100
91 216.3 107.2 321.6



#70
Styrene
Concen: 53.397 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Tgt Ion:104 Resp: 337411
Ion Ratio Lower Upper
104 100
78 51.5 40.2 60.2
103 55.7 44.3 66.5





#71

Bromoform

Concen: 50.655 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

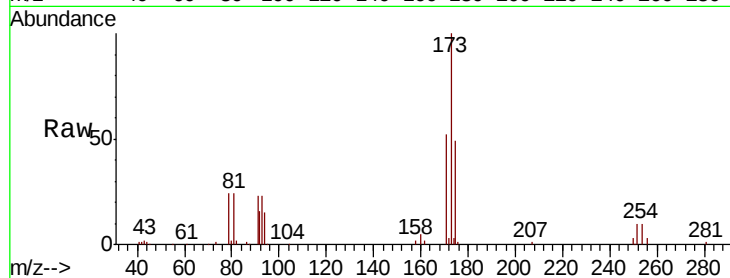
Tot Ion:173 Resp: 92665

Ion Ratio Lower Upper

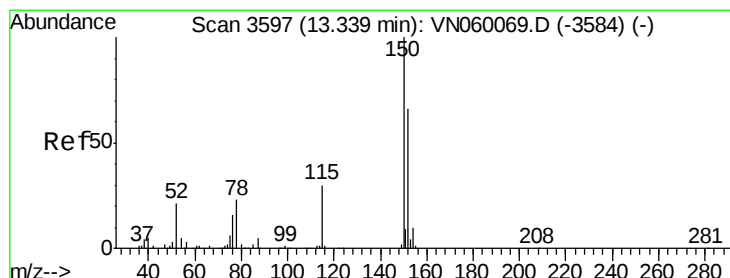
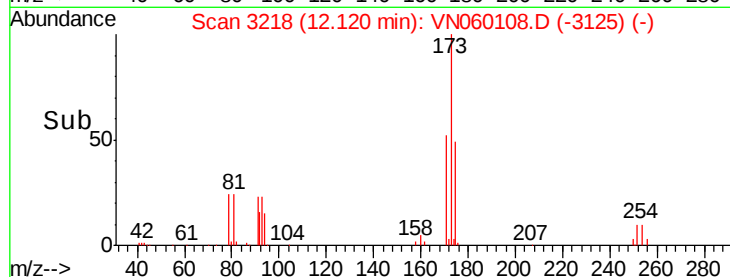
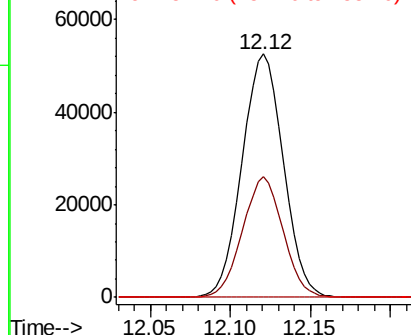
173 100

175 48.6 24.9 74.6

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

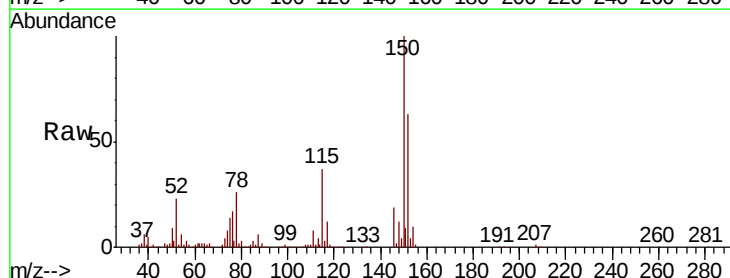
Tgt Ion:152 Resp: 149048

Ion Ratio Lower Upper

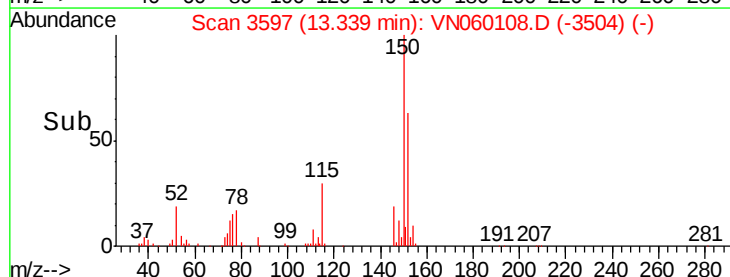
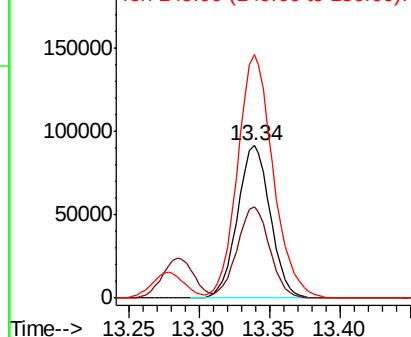
152 100

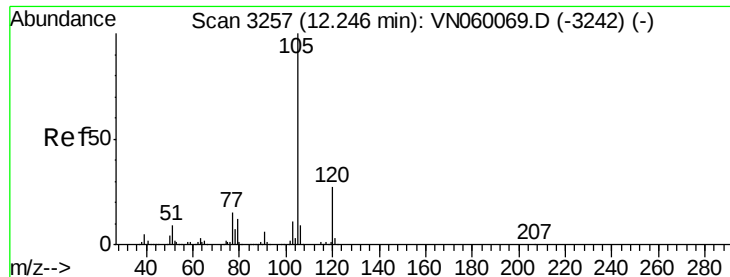
115 59.1 28.9 86.8

150 172.5 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: 50.273 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

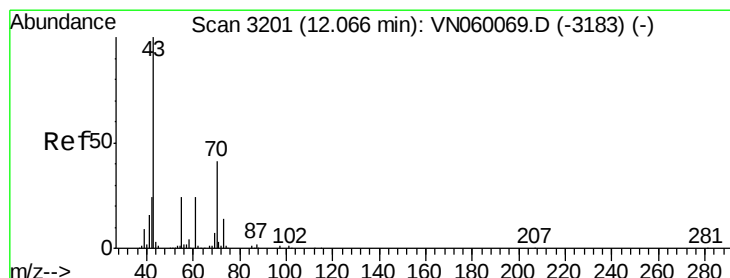
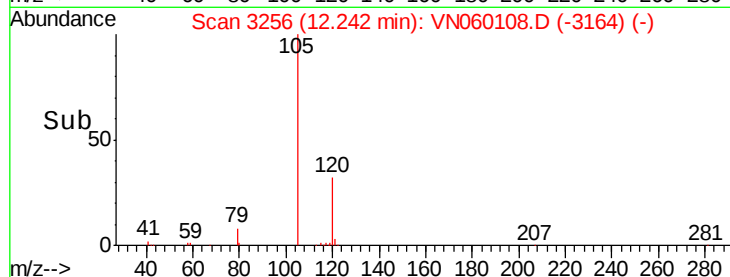
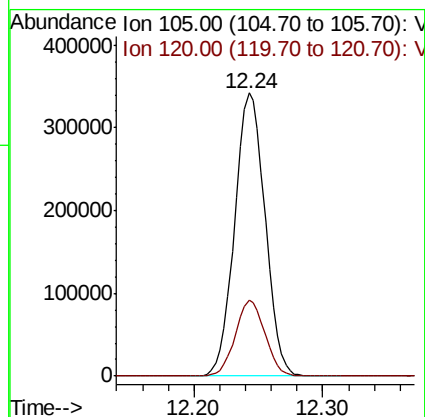
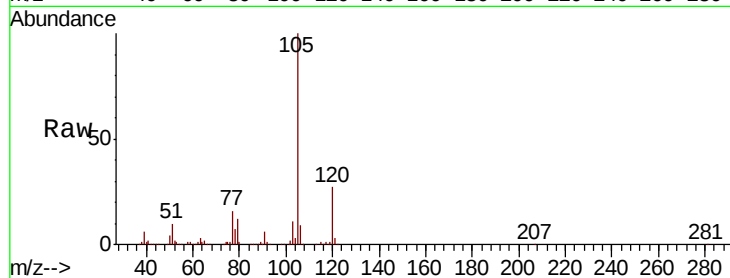
ClientSampleId :

Tot Ion:105 Resp: 559548

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.8



#74

N-ethyl acetate

Concen: 56.022 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Tgt Ion: 43 Resp: 224843

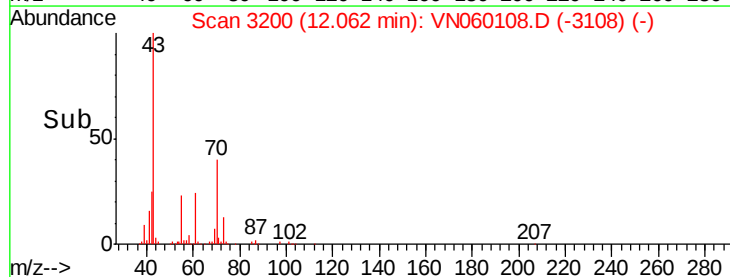
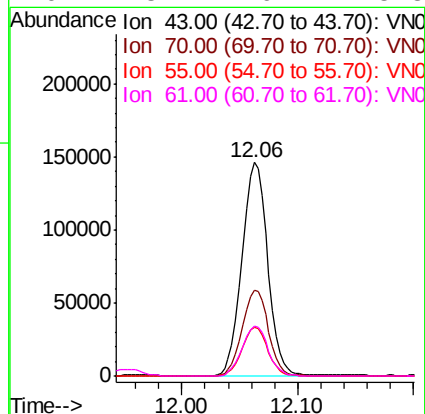
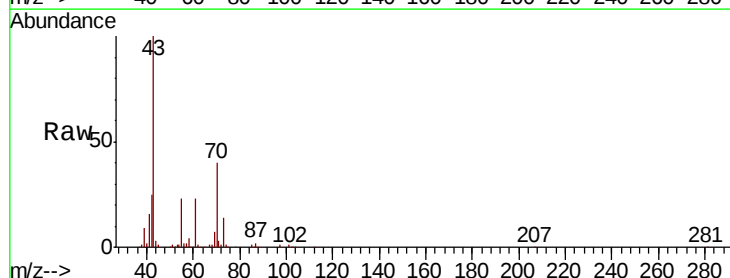
Ion Ratio Lower Upper

43 100

70 41.0 33.4 50.0

55 23.1 18.8 28.2

61 23.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.089 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

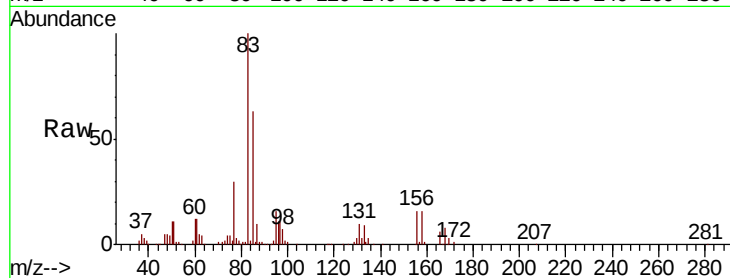
Tot Ion: 83 Resp: 163671

Ion Ratio Lower Upper

83 100

131 9.7 5.2 15.6

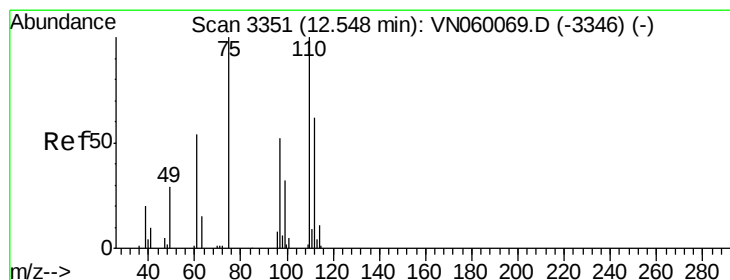
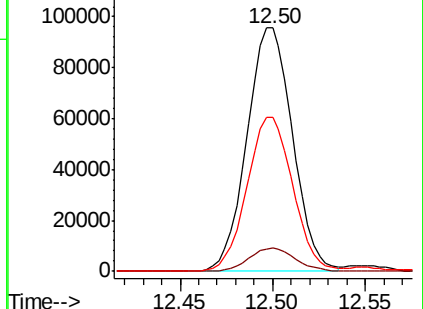
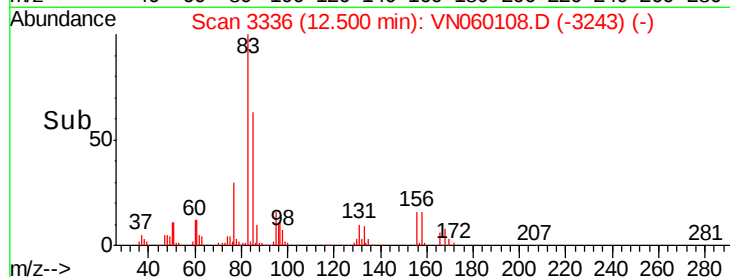
85 63.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060108.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060108.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060108.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 76.954 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060108.D

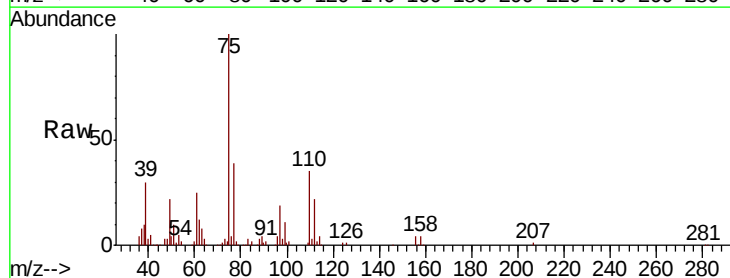
Acq: 14 Feb 2020 16:31

Tgt Ion: 75 Resp: 219442

Ion Ratio Lower Upper

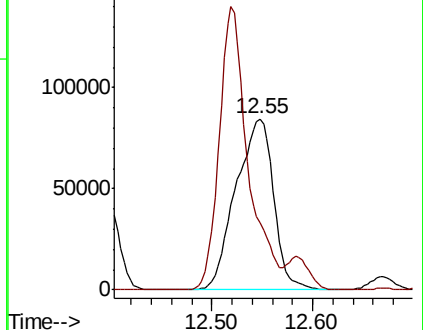
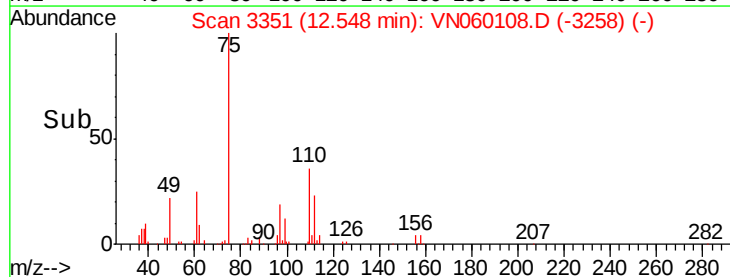
75 100

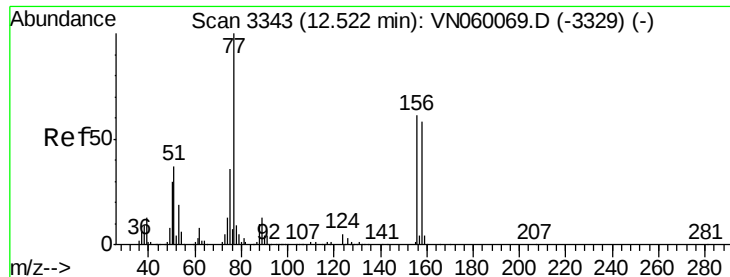
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060108.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060108.D (-3258) (-)





#77

Bromobenzene

Concen: 49.314 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

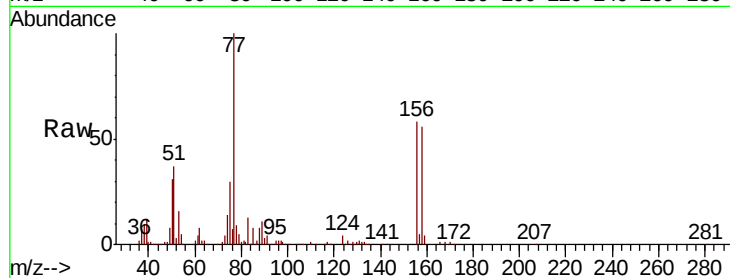
Tot Ion:156 Resp: 136213

Ion Ratio Lower Upper

156 100

77 205.8 98.7 296.1

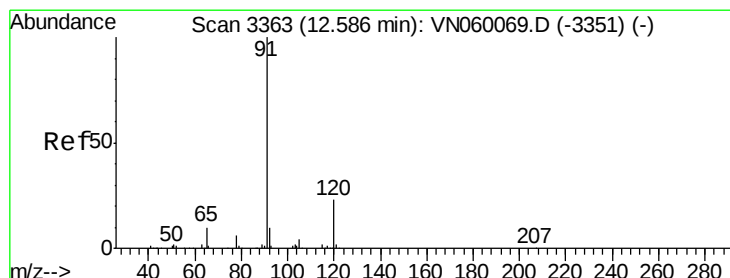
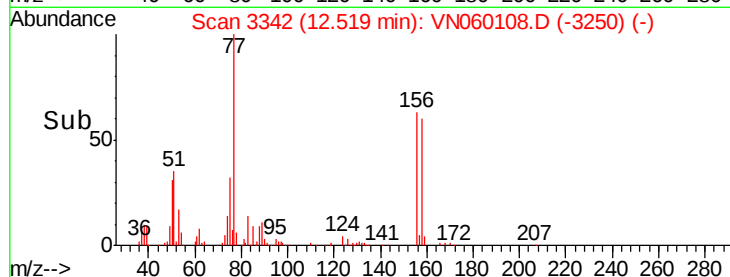
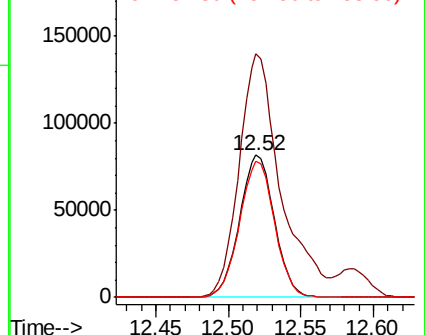
158 96.0 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.041 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060108.D

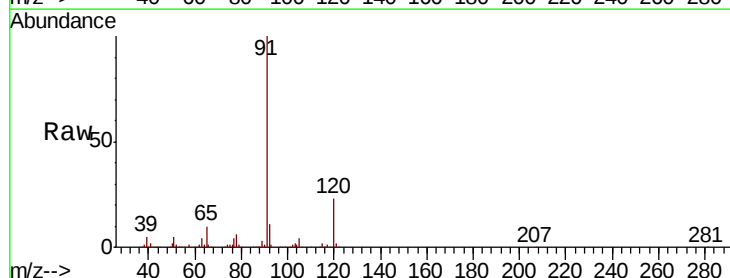
Acq: 14 Feb 2020 16:31

Tgt Ion: 91 Resp: 647248

Ion Ratio Lower Upper

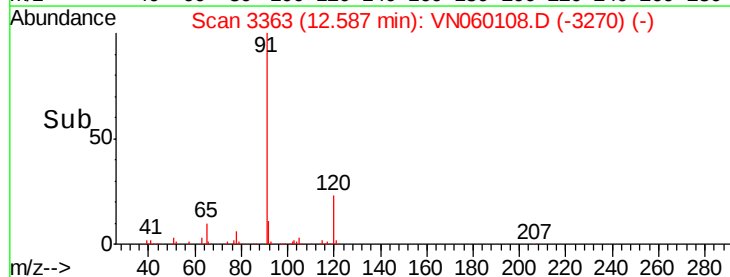
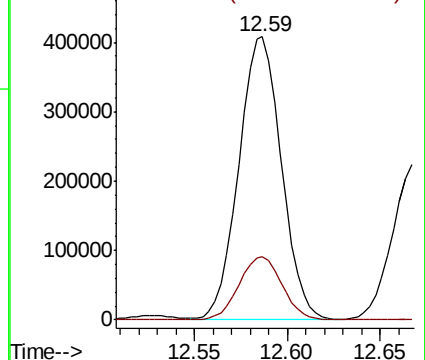
91 100

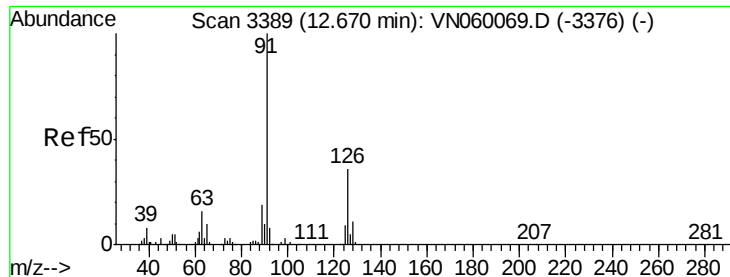
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.085 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

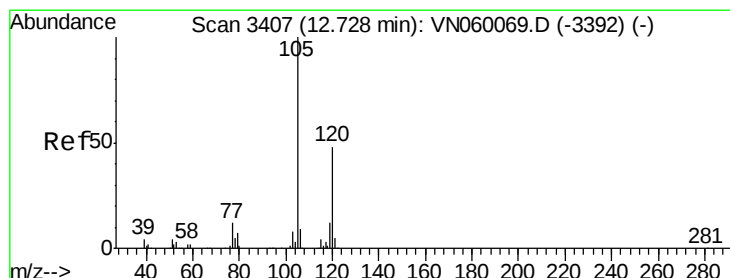
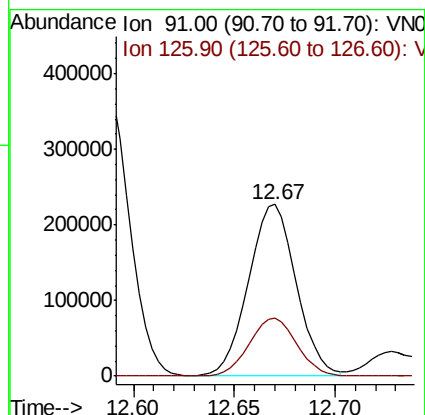
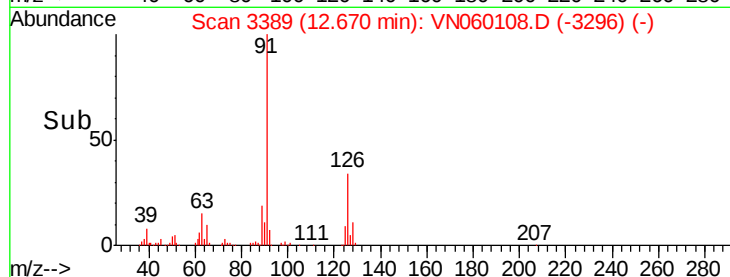
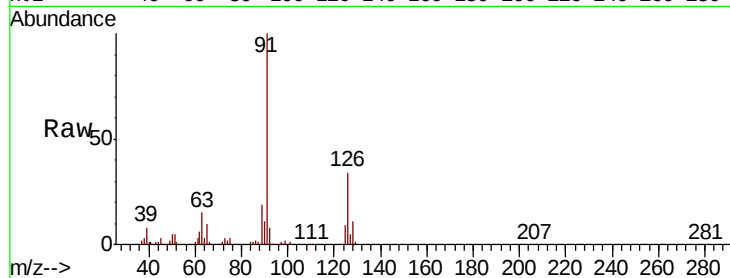
ClientSampled :

Tot Ion: 91 Resp: 373304

Ion Ratio Lower Upper

91 100

126 34.4 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 50.611 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060108.D

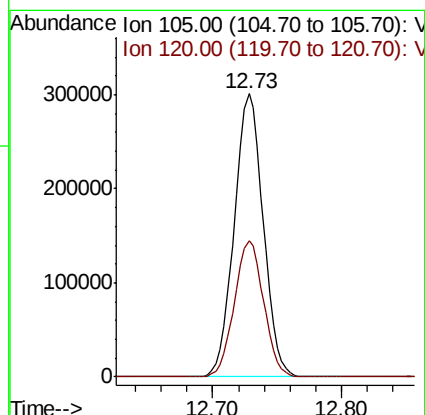
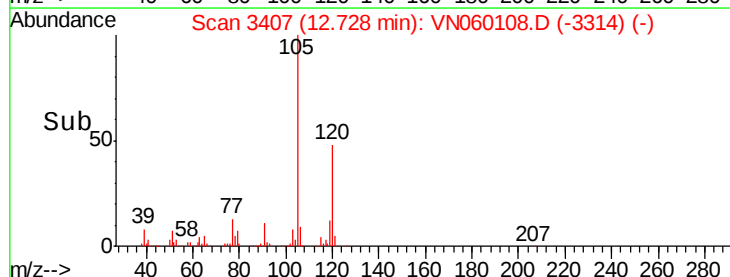
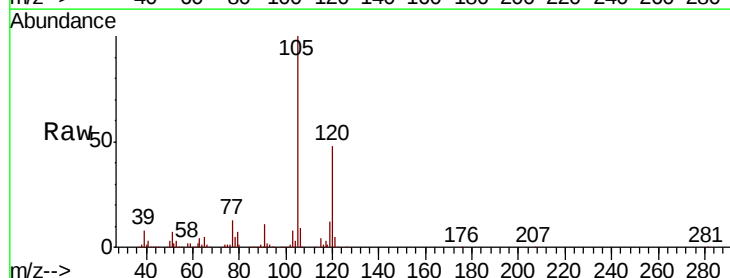
Acq: 14 Feb 2020 16:31

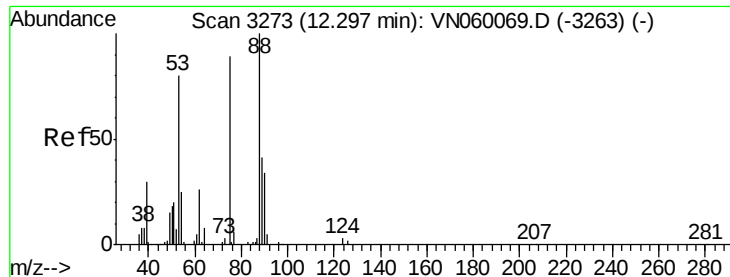
Tgt Ion:105 Resp: 468368

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 52.060 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

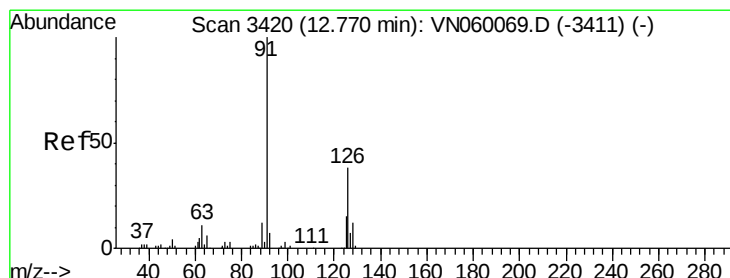
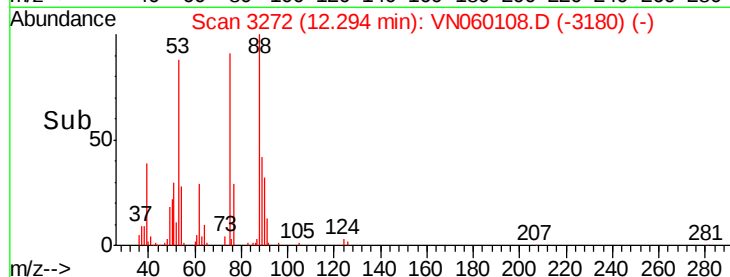
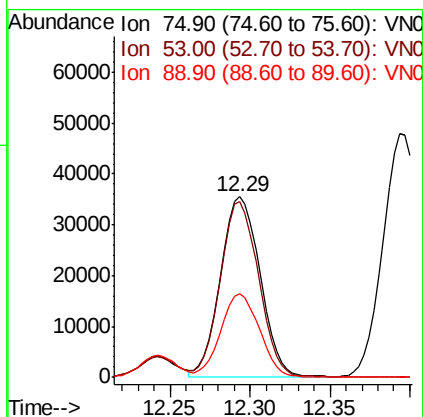
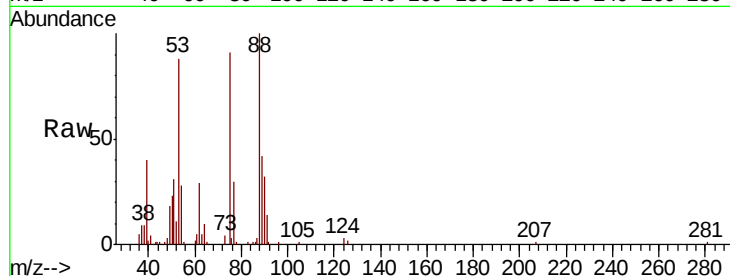
Tot Ion: 75 Resp: 60631

Ion Ratio Lower Upper

75 100

53 94.5 73.9 110.9

89 45.0 37.0 55.4



#82

4-Chlorotoluene

Concen: 51.953 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060108.D

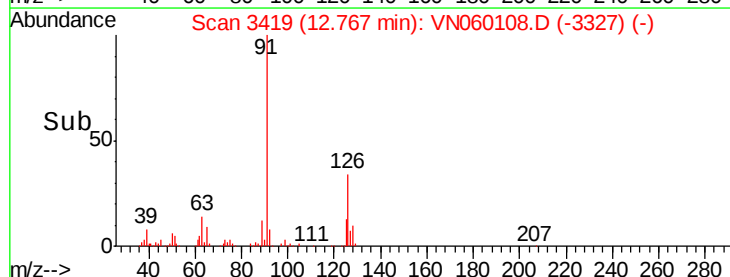
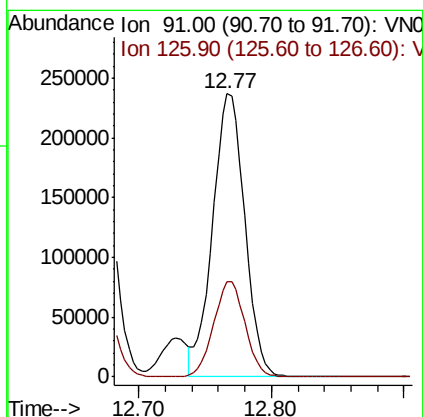
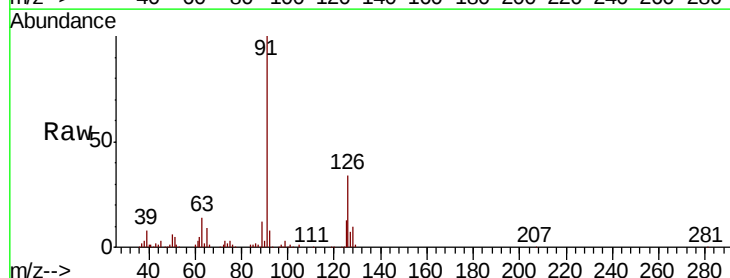
Acq: 14 Feb 2020 16:31

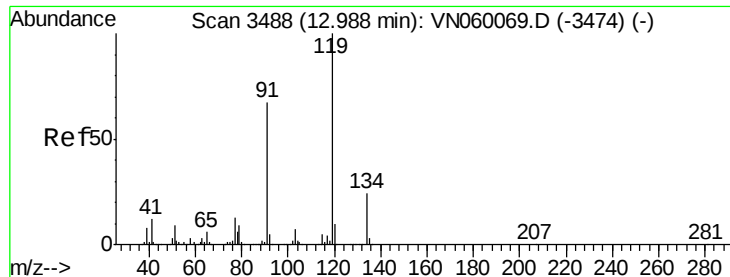
Tgt Ion: 91 Resp: 397283

Ion Ratio Lower Upper

91 100

126 33.1 17.1 51.3





#83

tert-Butylbenzene

Concen: 49.086 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

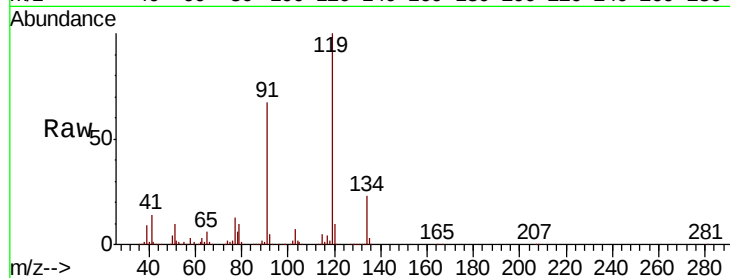
Tot Ion:119 Resp: 401837

Ion Ratio Lower Upper

119 100

91 66.7 32.7 98.1

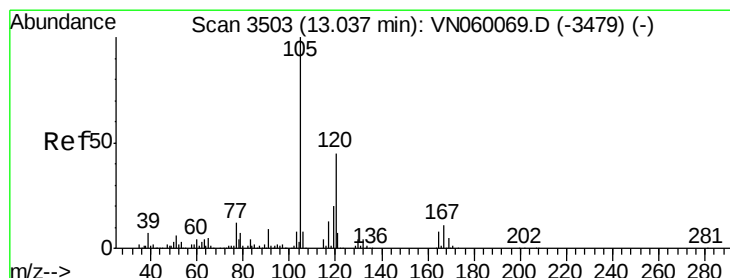
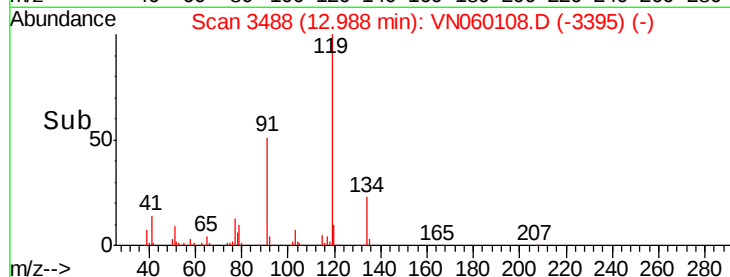
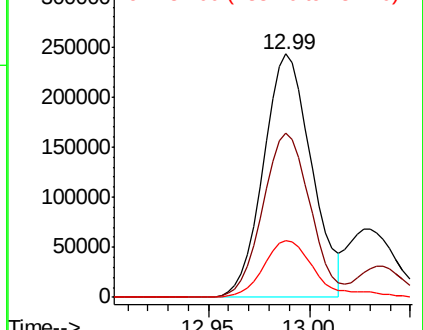
134 25.3 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.317 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN060108.D

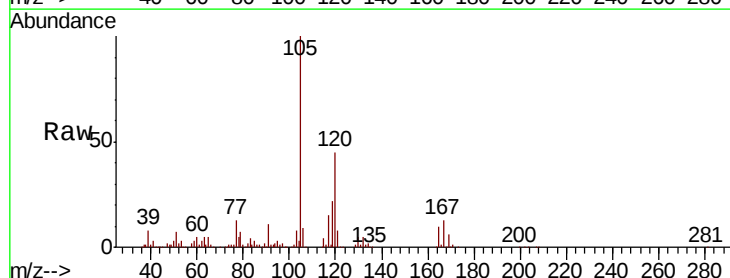
Acq: 14 Feb 2020 16:31

Tgt Ion:105 Resp: 468786

Ion Ratio Lower Upper

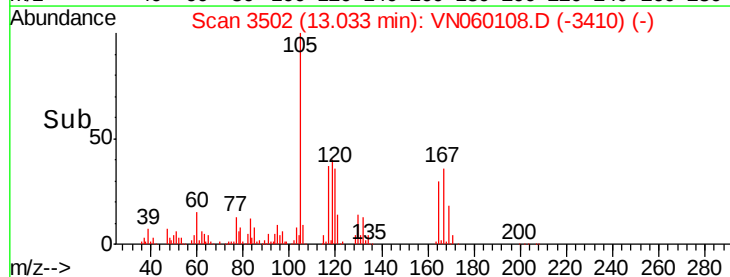
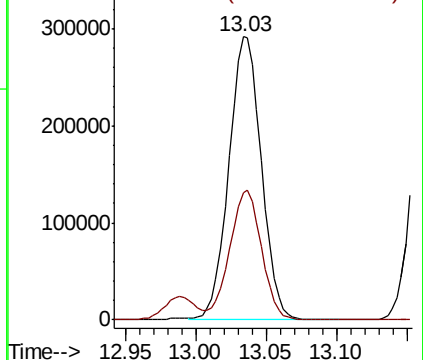
105 100

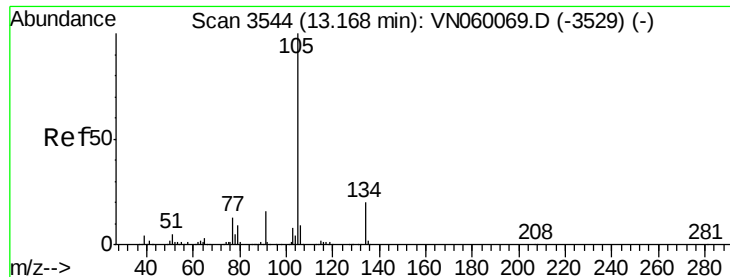
120 44.9 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

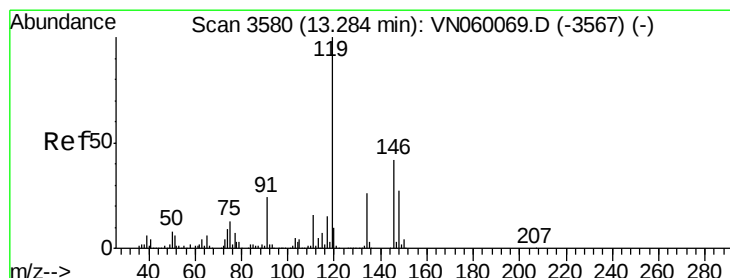
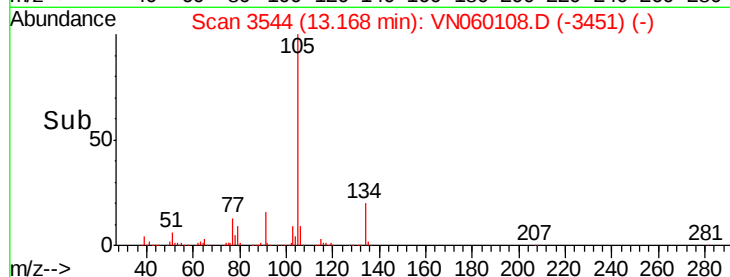
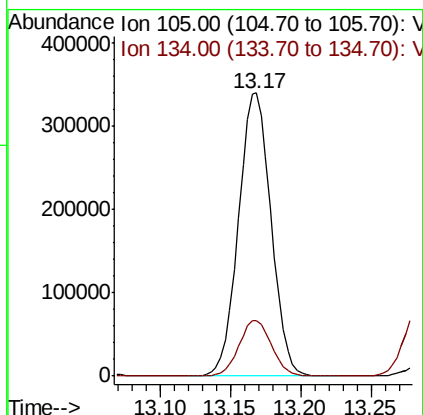
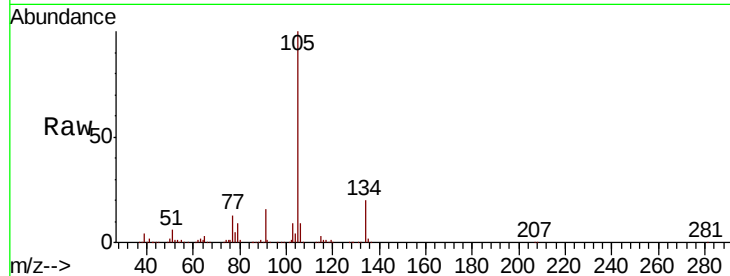




#85
 sec-Butylbenzene
 Concen: 50.587 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

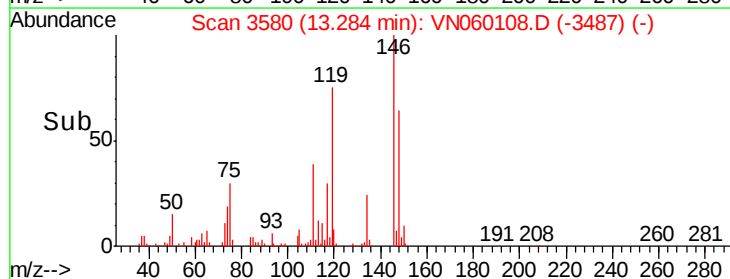
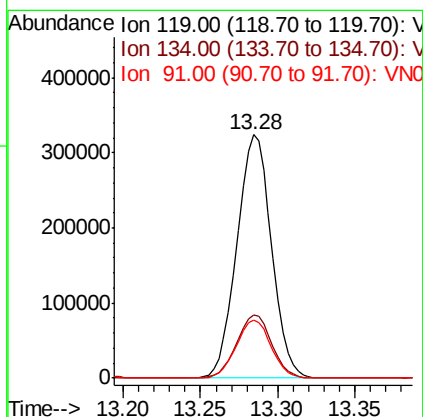
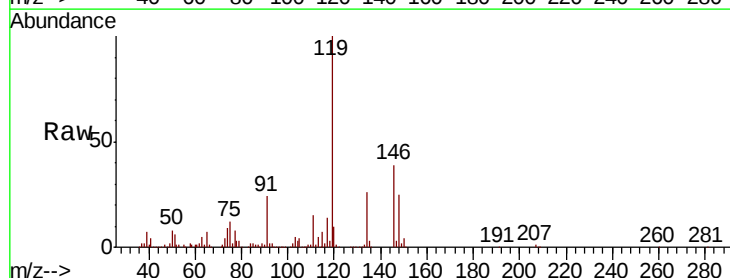
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:105 Resp: 548448
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 50.983 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion:119 Resp: 500802
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 50.323 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060108.D

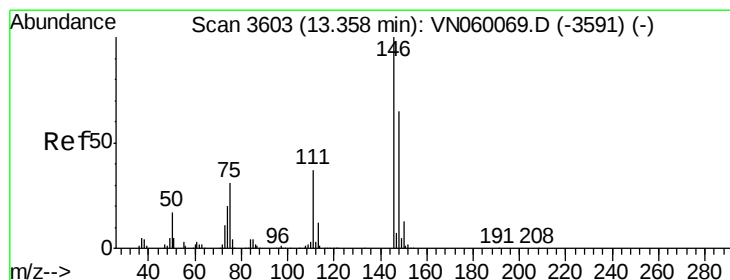
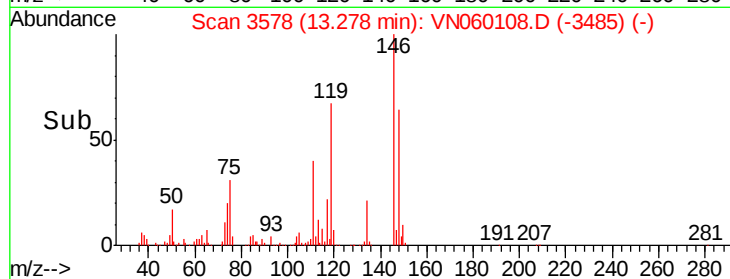
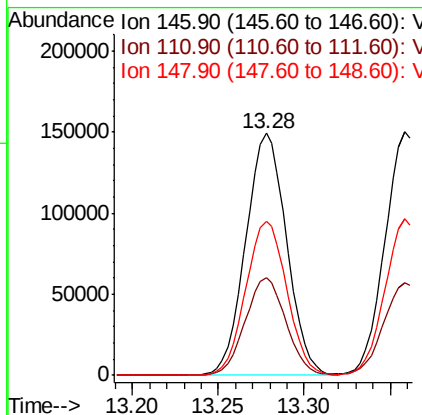
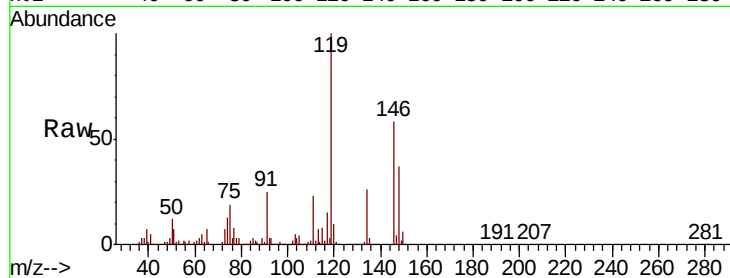
Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	246047
Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.8	59.3
148	63.8	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 50.403 ug/l

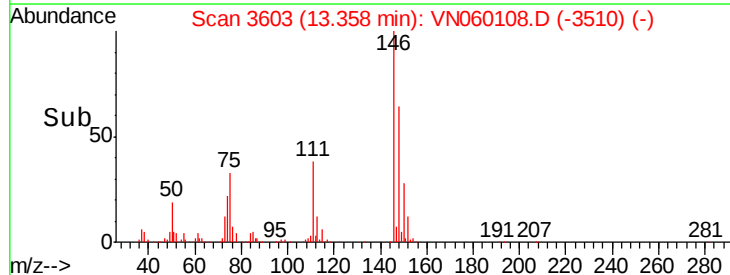
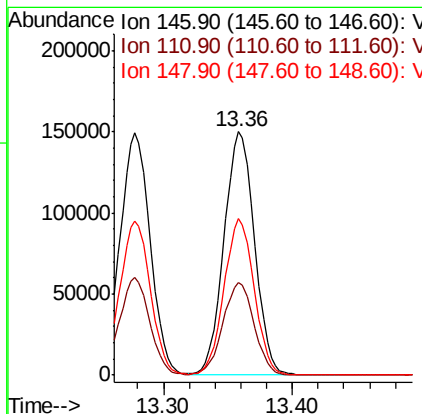
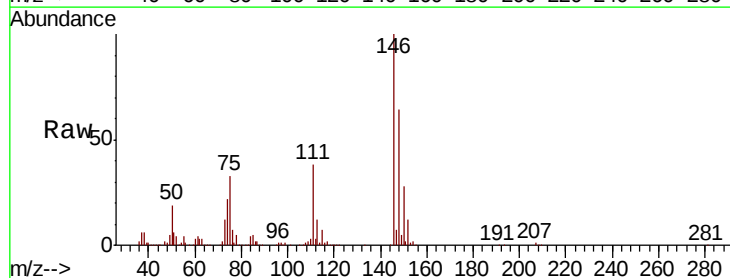
RT: 13.36 min Scan# 3603

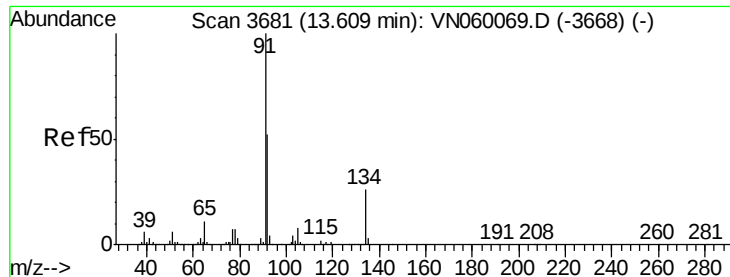
Delta R.T. 0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Tgt Ion:	146	Resp:	246388
Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.5
148	63.7	32.0	96.0

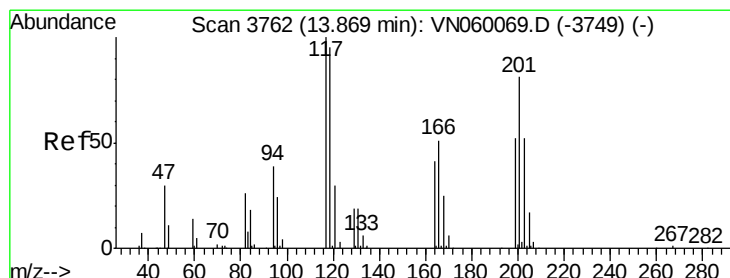
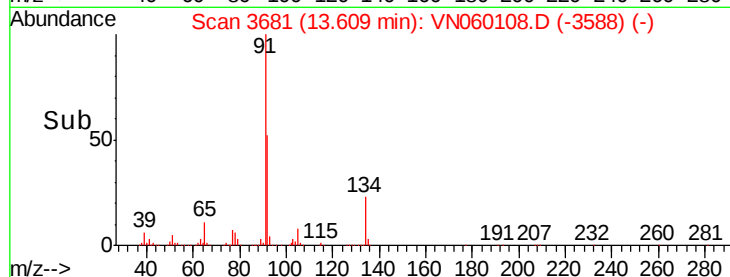
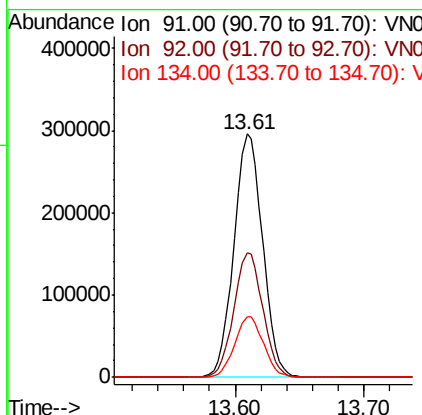
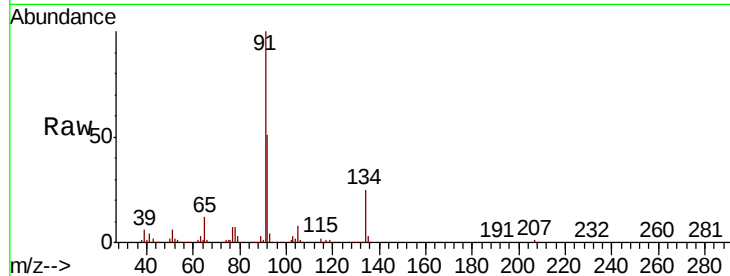




#89
n-Butylbenzene
Concen: 53.102 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

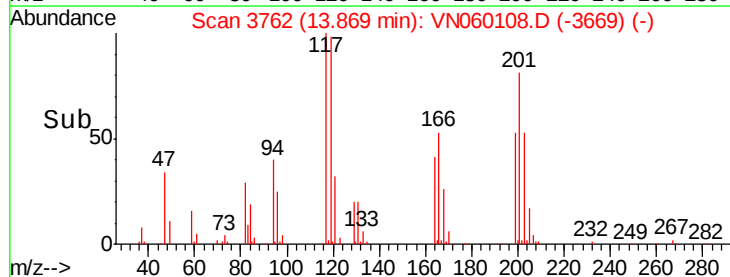
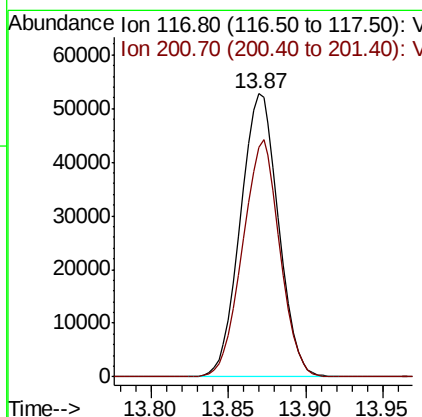
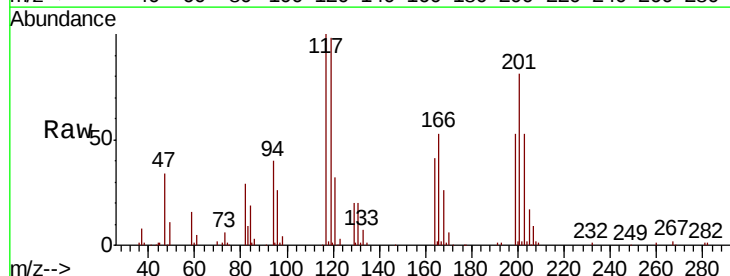
Instrument :
MSVOA_N
ClientSampleId :

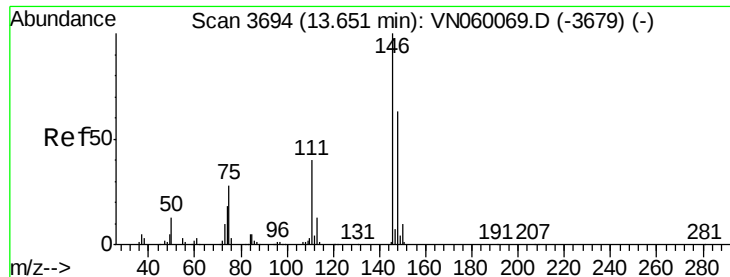
Tot Ion: 91 Resp: 458793
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.2
134 25.2 13.1 39.3



#90
Hexachloroethane
Concen: 49.263 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060108.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 117 Resp: 90404
Ion Ratio Lower Upper
117 100
201 81.8 41.7 125.1

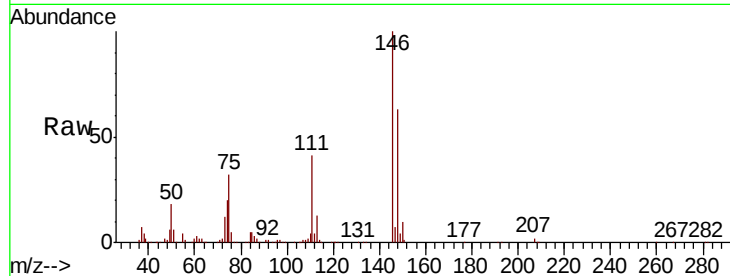




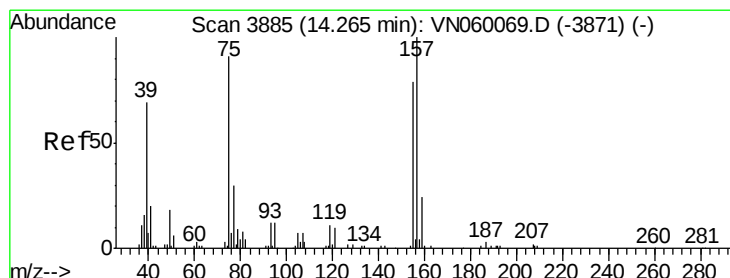
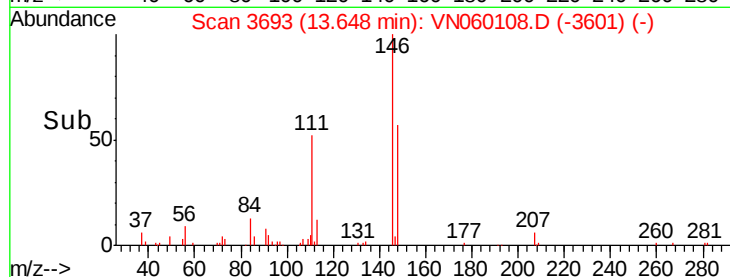
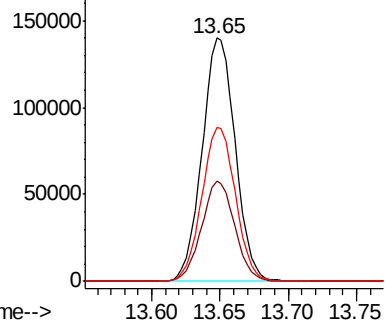
#91
 1,2-Dichlorobenzene
 Concen: 49.303 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.1	60.2
148	64.2	31.9	95.5

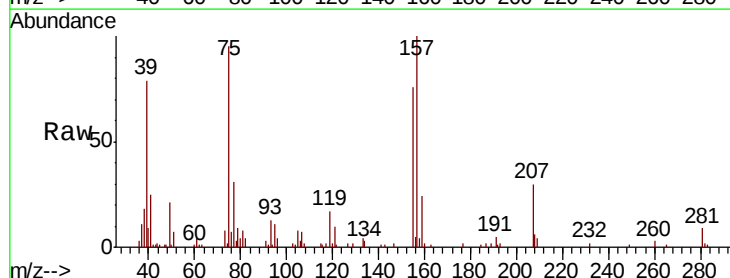


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

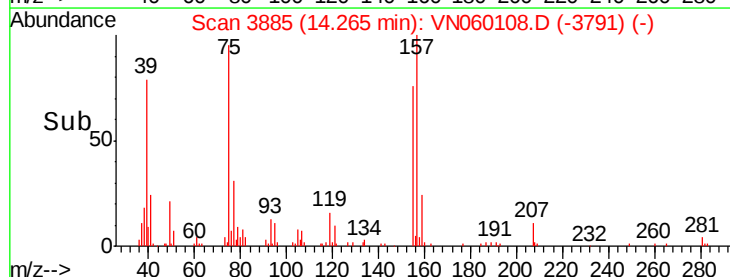
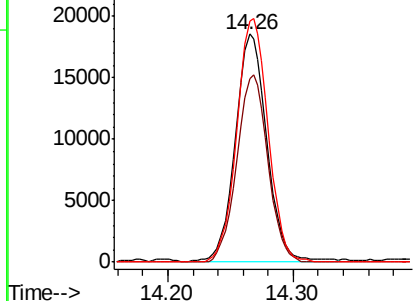


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.823 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	43.0	129.0
157	105.0	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

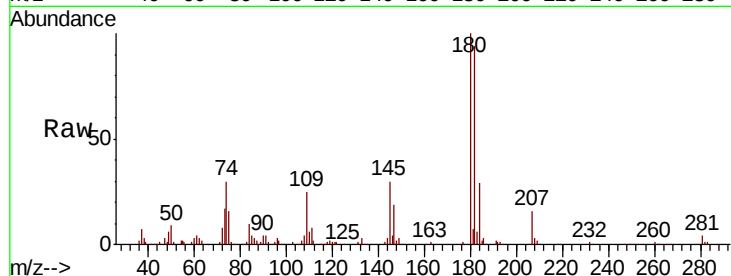




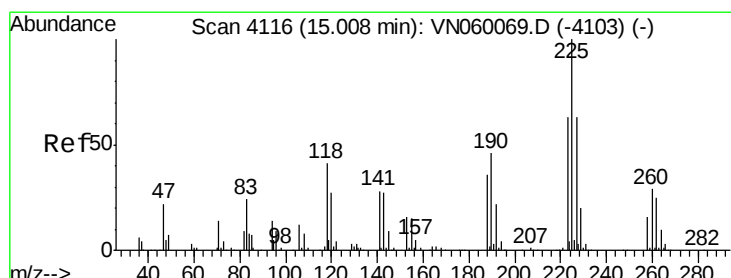
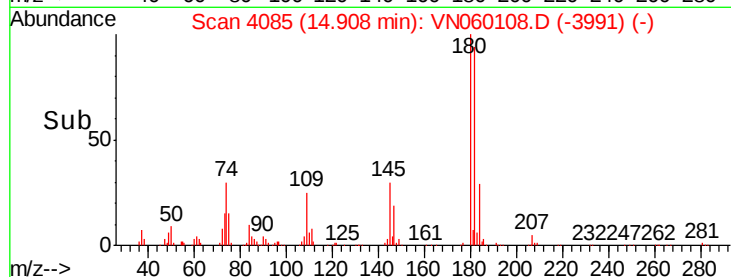
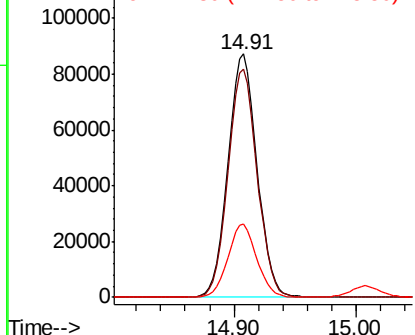
#93
 1,2,4-Trichlorobenzene
 Concen: 51.485 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 144748
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.9 143.8
 145 29.9 15.2 45.5

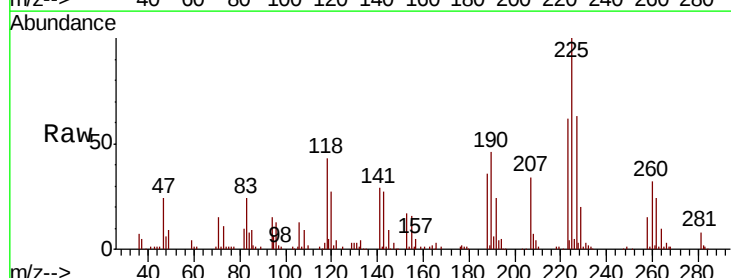


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

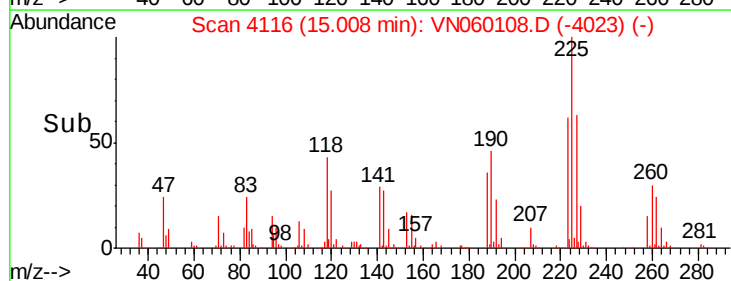
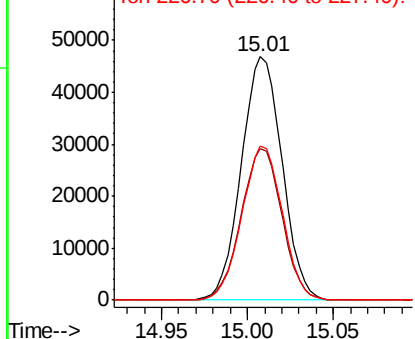


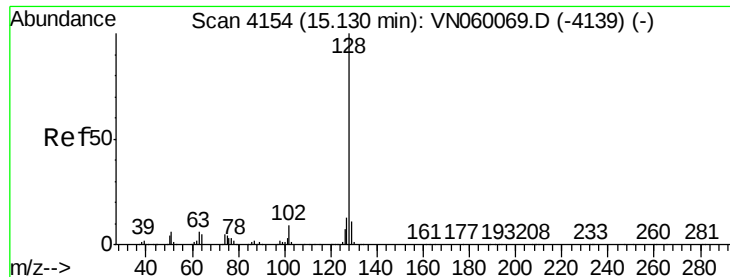
#94
 Hexachlorobutadiene
 Concen: 47.019 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060108.D
 Acq: 14 Feb 2020 16:31

Tgt Ion:225 Resp: 77389
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.5 94.5
 227 62.7 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: 48.715 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

Instrument :

MSVOA_N

ClientSampled :

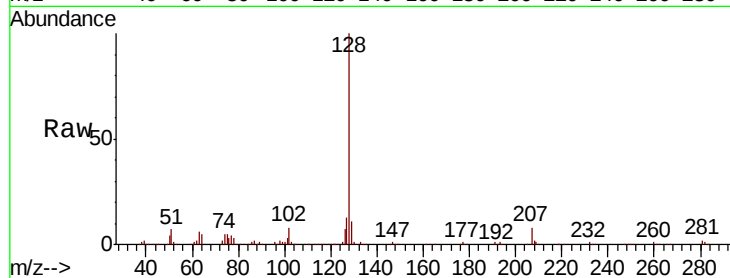
Tot Ion:128 Resp: 369968

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

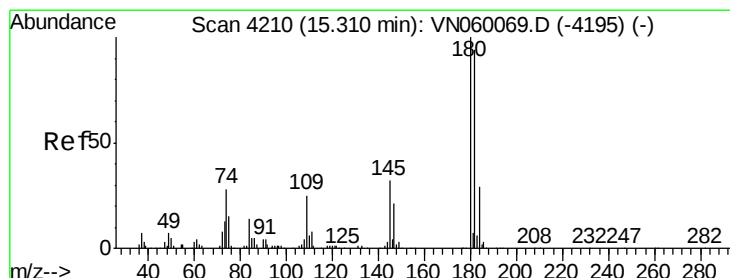
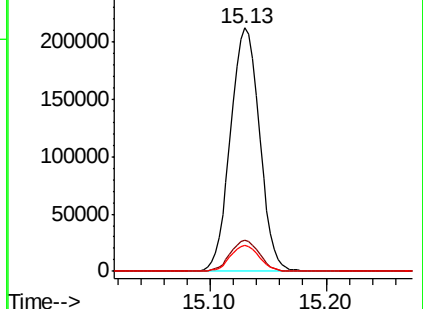
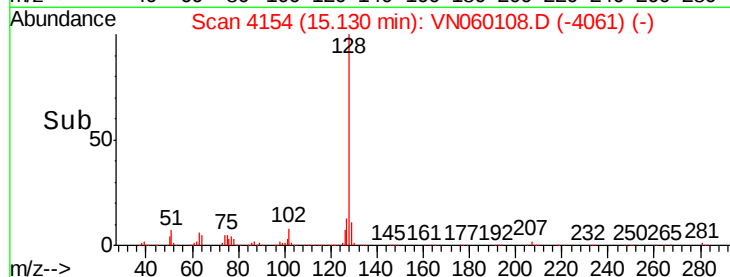
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.133 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060108.D

Acq: 14 Feb 2020 16:31

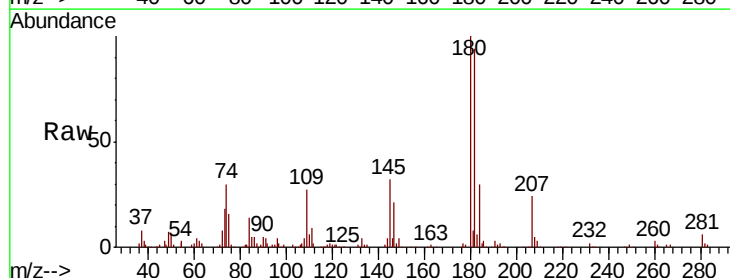
Tgt Ion:180 Resp: 134764

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

145 32.3 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

