

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060096.D
 Acq On : 13 Feb 2020 16:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 14 04:57:19 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	193385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	308976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	292431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151934	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	117810	50.06	ug/l	0.00
Spiked Amount						
			Recovery	=	100.12%	
35) Dibromofluoromethane	7.56	113	94425	49.72	ug/l	0.00
Spiked Amount						
			Recovery	=	99.44%	
50) Toluene-d8	10.08	98	372724	49.83	ug/l	0.00
Spiked Amount						
			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.40	95	141088	51.34	ug/l	0.00
Spiked Amount						
			Recovery	=	102.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	104813	54.223	ug/l	98
3) Chloromethane	2.04	50	121367	52.760	ug/l	98
4) Vinyl Chloride	2.17	62	137889	52.589	ug/l	100
5) Bromomethane	2.54	94	82379	51.239	ug/l	99
6) Chloroethane	2.68	64	69835	52.658	ug/l	98
7) Trichlorofluoromethane	3.00	101	174178	51.524	ug/l	99
8) Diethyl Ether	3.38	74	60478	53.744	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	97787	52.101	ug/l	98
10) Methyl Iodide	3.93	142	134049	52.988	ug/l	99
11) Tert butyl alcohol	4.73	59	88799	252.170	ug/l	99
12) 1,1-Dichloroethene	3.72	96	97715	53.444	ug/l	98
13) Acrolein	3.57	56	87107	250.258	ug/l	96
14) Allyl chloride	4.29	41	138566	51.491	ug/l	97
15) Acrylonitrile	4.94	53	234750	272.974	ug/l	100
16) Acetone	3.78	43	230840	224.894	ug/l	99
17) Carbon Disulfide	4.03	76	284182	51.566	ug/l	100
18) Methyl Acetate	4.28	43	105284	54.603	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	321750	52.328	ug/l	99
20) Methylene Chloride	4.52	84	106743	52.125	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	104888	52.626	ug/l	98
22) Diisopropyl ether	5.91	45	317460	53.827	ug/l	95
23) Vinyl Acetate	5.86	43	1356992	273.986	ug/l	100
24) 1,1-Dichloroethane	5.82	63	189401	53.012	ug/l	99
25) 2-Butanone	6.80	43	322226	249.608	ug/l	99
26) 2,2-Dichloropropane	6.79	77	171031	50.399	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	120814	51.796	ug/l	100
28) Bromochloromethane	7.17	49	68148	48.518	ug/l	99
29) Tetrahydrofuran	7.18	42	206633	260.914	ug/l	99
30) Chloroform	7.35	83	197793	52.849	ug/l	99
31) Cyclohexane	7.63	56	169521	50.935	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	179096	52.366	ug/l	99
36) 1,1-Dichloropropene	7.77	75	149725	52.317	ug/l	99
37) Ethyl Acetate	6.89	43	134746	52.097	ug/l	99
38) Carbon Tetrachloride	7.75	117	157890	50.799	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060096.D
 Acq On : 13 Feb 2020 16:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 14 04:57:19 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	184326	51.886	ug/l	99
40) Benzene	8.02	78	441761	52.037	ug/l	100
41) Methacrylonitrile	7.18	41	191026	176.111	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	155923	52.404	ug/l	100
43) Isopropyl Acetate	8.14	43	234963	53.143	ug/l	99
44) Trichloroethene	8.82	130	119272	50.740	ug/l	99
45) 1,2-Dichloropropane	9.10	63	111930	53.256	ug/l	100
46) Dibromomethane	9.19	93	77363	52.088	ug/l	99
47) Bromodichloromethane	9.38	83	159096	52.687	ug/l	99
48) Methyl methacrylate	9.18	41	103715	52.283	ug/l	99
49) 1,4-Dioxane	9.18	88	37385	1103.009	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	682486	266.684	ug/l	100
52) Toluene	10.14	92	286406	52.610	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	182957	53.678	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	189274	52.735	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	110584	52.068	ug/l	99
56) Ethyl methacrylate	10.42	69	165959	55.239	ug/l	99
57) 1,3-Dichloropropane	10.70	76	182636	52.115	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	428123	305.876	ug/l	99
59) 2-Hexanone	10.74	43	505502	255.707	ug/l	99
60) Dibromochloromethane	10.89	129	127653	52.377	ug/l	98
61) 1,2-Dibromoethane	10.99	107	118169	53.077	ug/l	100
64) Tetrachloroethene	10.62	164	105141	47.296	ug/l	98
65) Chlorobenzene	11.43	112	308145	51.721	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	118214	52.450	ug/l	99
67) Ethyl Benzene	11.50	91	564692	52.552	ug/l	99
68) m/p-Xylenes	11.62	106	430531	106.754	ug/l	99
69) o-Xylene	11.94	106	203664	52.449	ug/l	99
70) Styrene	11.96	104	342553	54.706	ug/l	100
71) Bromoform	12.12	173	97209	53.624	ug/l #	98
73) Isopropylbenzene	12.25	105	561090	49.454	ug/l	99
74) N-amyl acetate	12.07	43	216186	52.842	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	165471	50.670	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	218320	75.106	ug/l #	100
77) Bromobenzene	12.52	156	138960	49.353	ug/l	99
78) n-propylbenzene	12.59	91	647788	50.114	ug/l	100
79) 2-Chlorotoluene	12.67	91	376184	49.512	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	477190	50.585	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	61954	52.186	ug/l	99
82) 4-Chlorotoluene	12.77	91	393649	50.500	ug/l	99
83) tert-Butylbenzene	12.99	119	402435	48.225	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	475928	51.109	ug/l	99
85) sec-Butylbenzene	13.17	105	551315	49.885	ug/l	100
86) p-Isopropyltoluene	13.29	119	508410	50.774	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	253176	50.798	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	251980	50.568	ug/l	100
89) n-Butylbenzene	13.61	91	456665	51.851	ug/l	99
90) Hexachloroethane	13.87	117	93267	49.858	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	245250	50.281	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33935	48.854	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
Data File : VN060096.D
Acq On : 13 Feb 2020 16:05
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 14 04:57:19 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

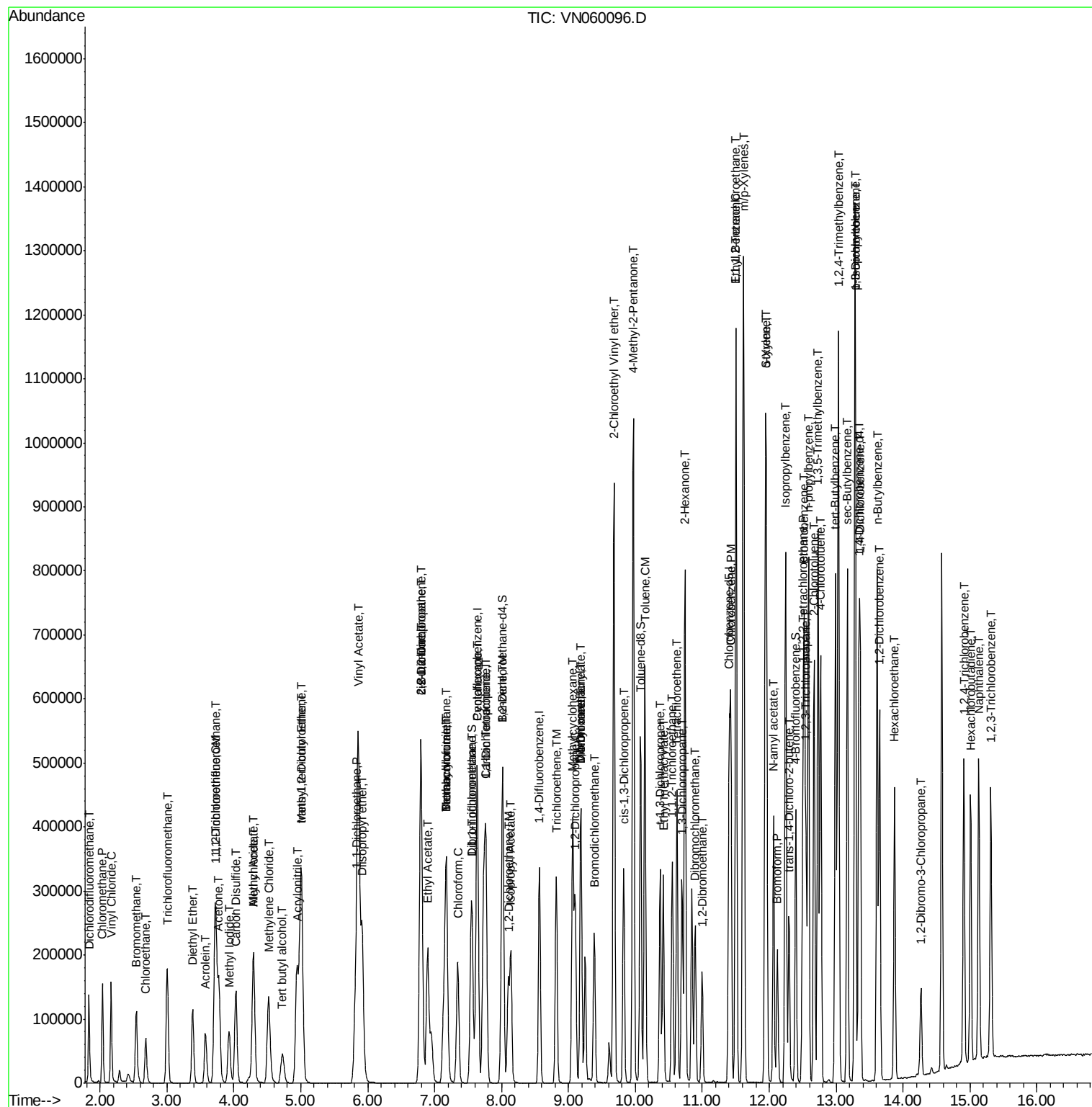
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	152445	53.192	ug/l	100
94) Hexachlorobutadiene	15.01	225	80754	48.131	ug/l	100
95) Naphthalene	15.13	128	401653	51.882	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	144924	50.779	ug/l	100

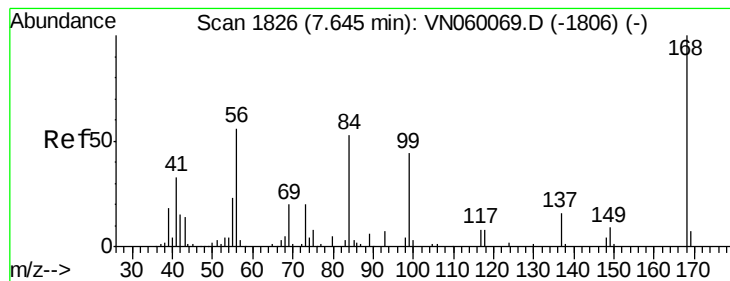
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021320\
Data File : VN060096.D
Acq On : 13 Feb 2020 16:05
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Feb 14 04:57:19 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# 1825

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

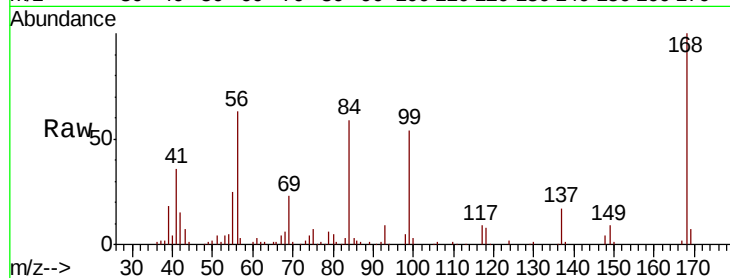
ClientSampled :

Tot Ion:168 Resp: 193385

Ion Ratio Lower Upper

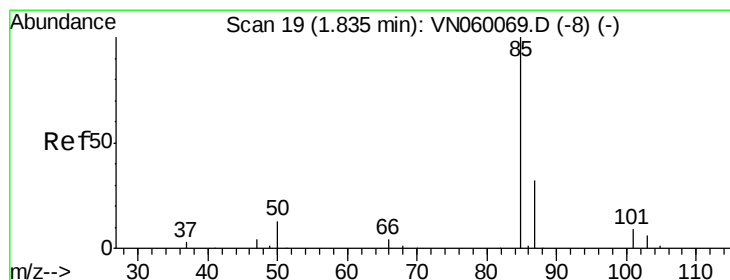
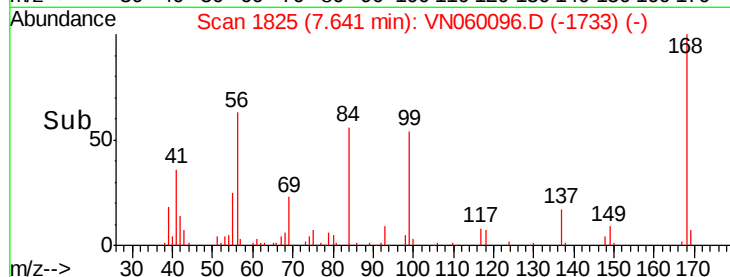
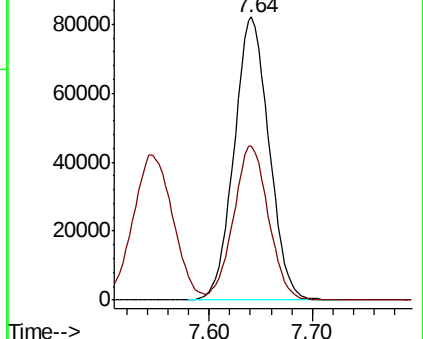
168 100

99 54.5 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: 54.223 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060096.D

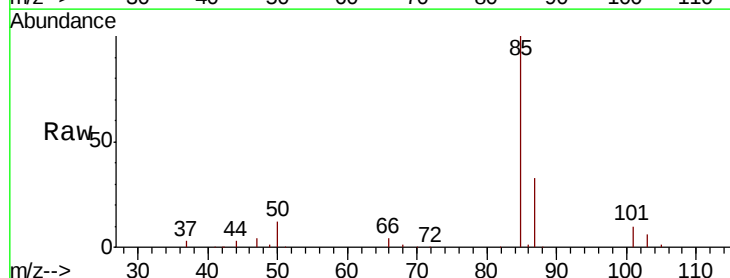
Acq: 13 Feb 2020 16:05

Tgt Ion: 85 Resp: 104813

Ion Ratio Lower Upper

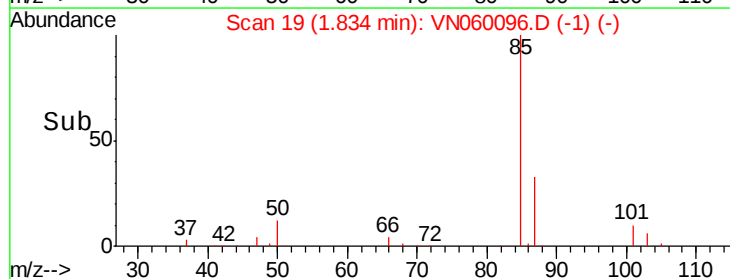
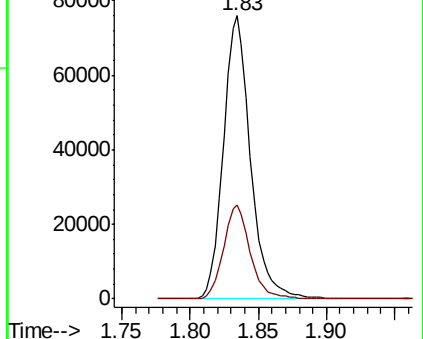
85 100

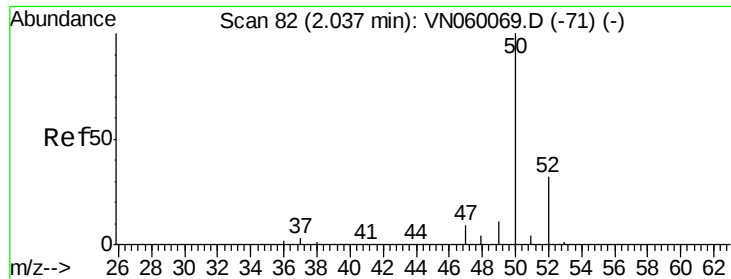
87 33.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

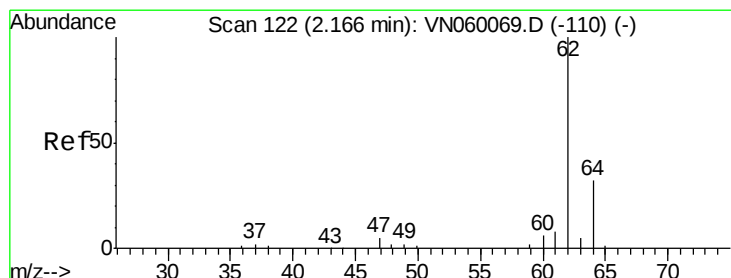
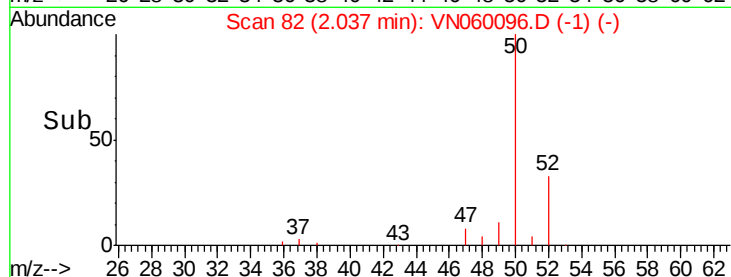
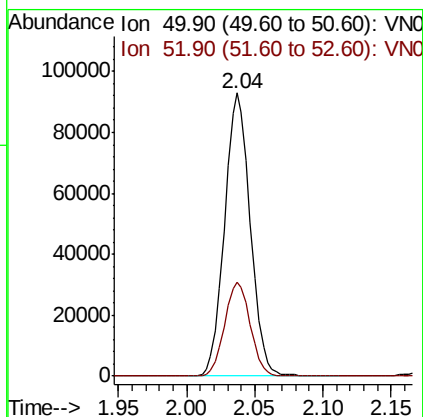
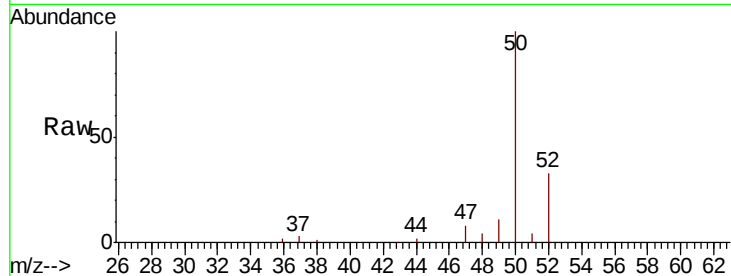




#3
Chloromethane
Concen: 52.760 ug/l
RT: 2.04 min Scan# 82
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

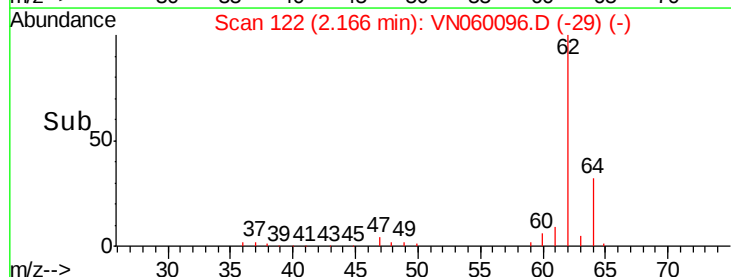
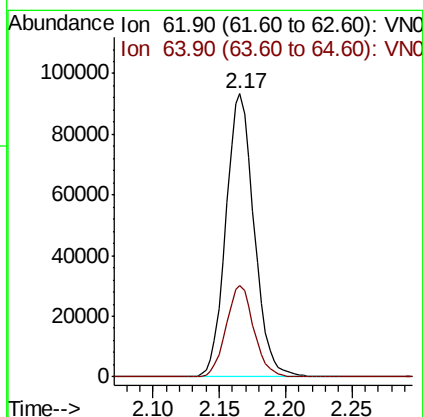
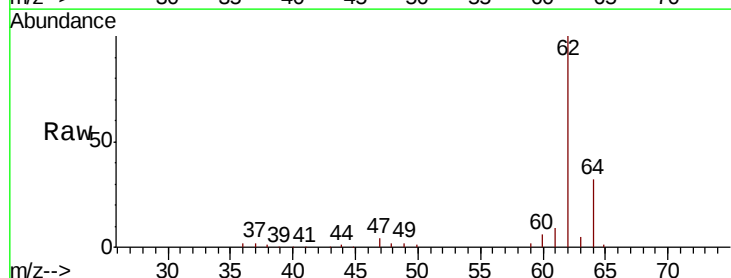
Instrument :
MSVOA_N
ClientSampled :

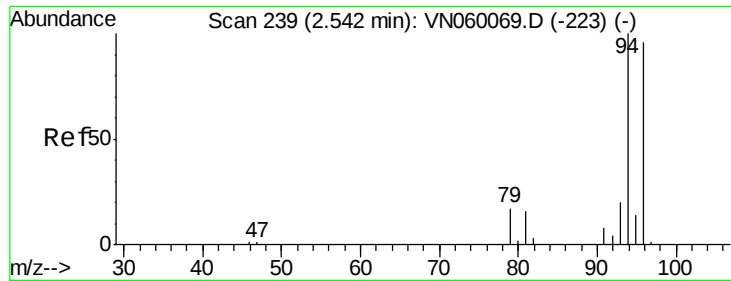
Tot Ion: 50 Resp: 121367
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4



#4
Vinyl Chloride
Concen: 52.589 ug/l
RT: 2.17 min Scan# 122
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 62 Resp: 137889
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9

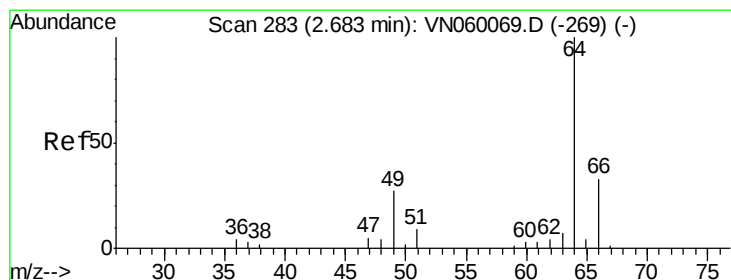
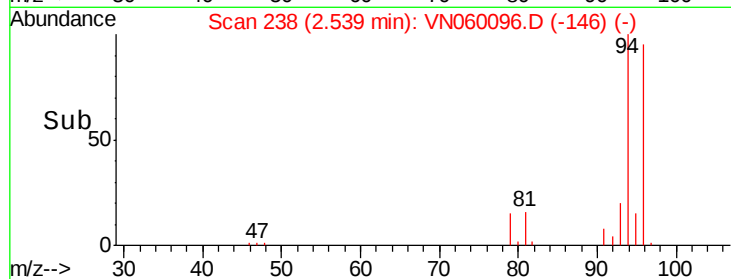
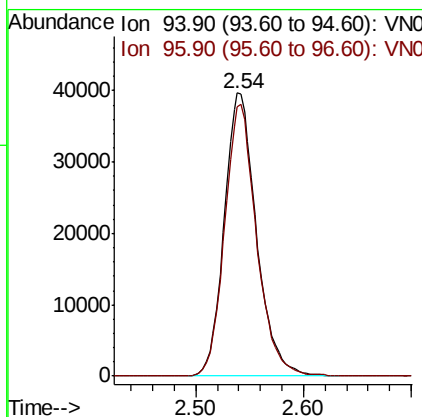
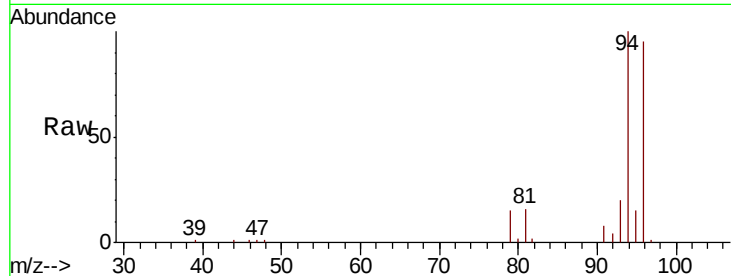




#5
Bromomethane
Concen: 51.239 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

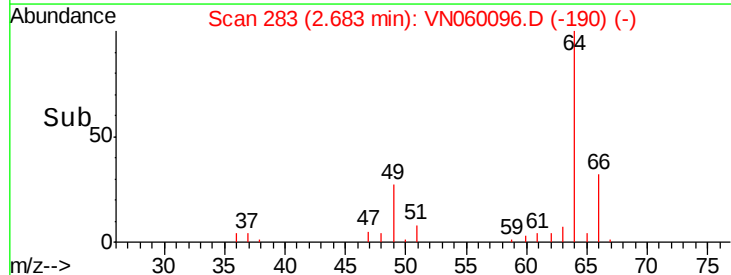
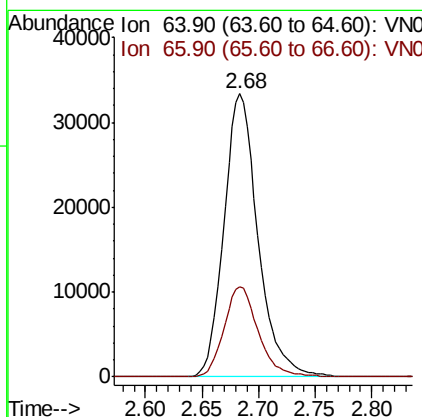
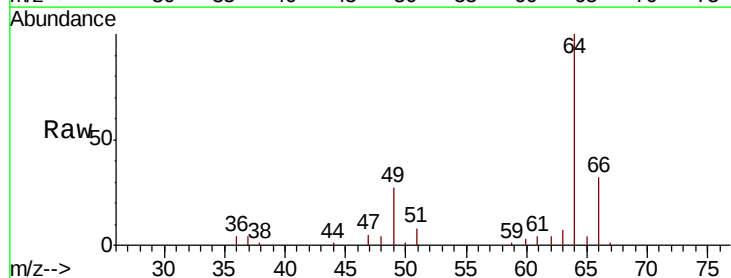
Instrument :
MSVOA_N
ClientSampled :

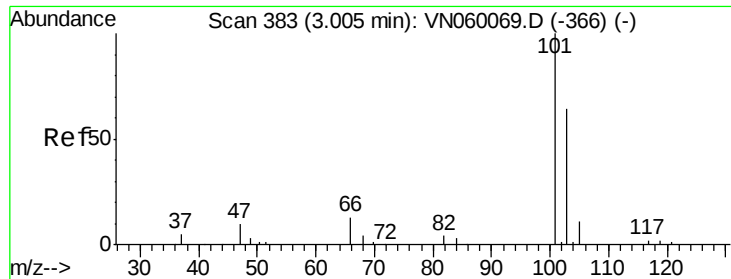
Tot Ion: 94 Resp: 82379
Ion Ratio Lower Upper
94 100
96 94.9 76.7 115.1



#6
Chloroethane
Concen: 52.658 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 64 Resp: 69835
Ion Ratio Lower Upper
64 100
66 31.9 26.6 40.0



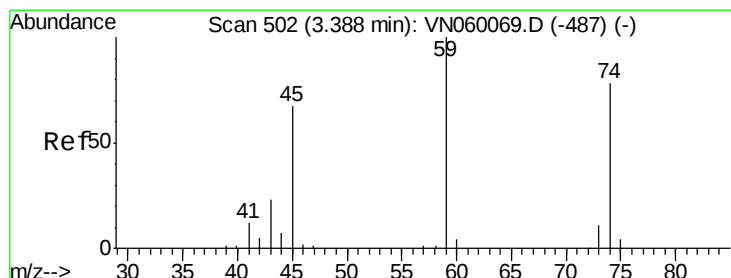
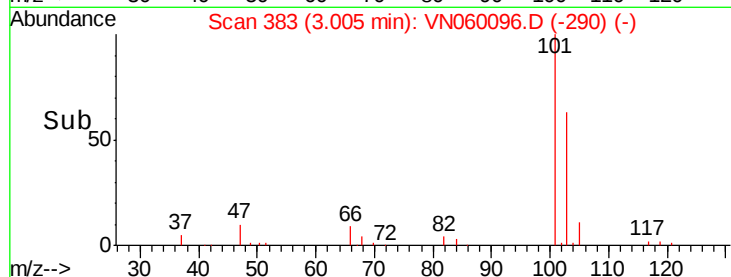
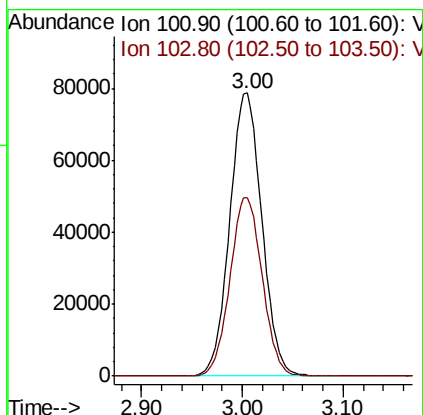
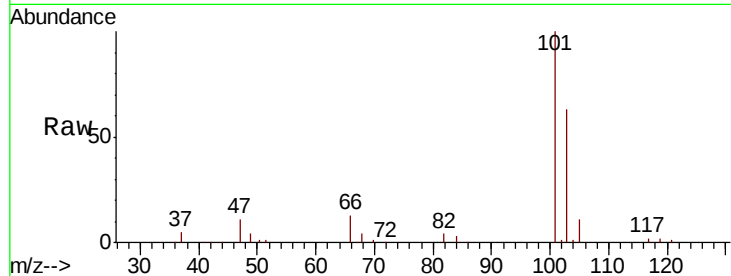


#7

Trichlorofluoromethane
 Concen: 51.524 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

Instrument :
 MSVOA_N
 ClientSampled :

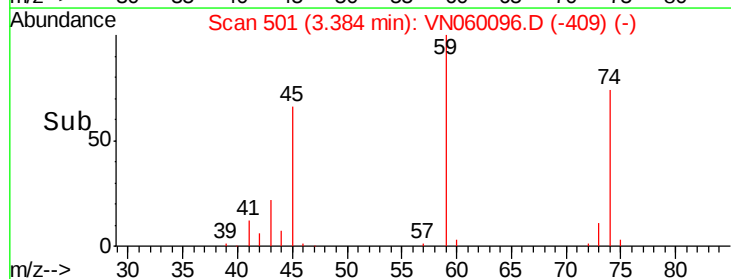
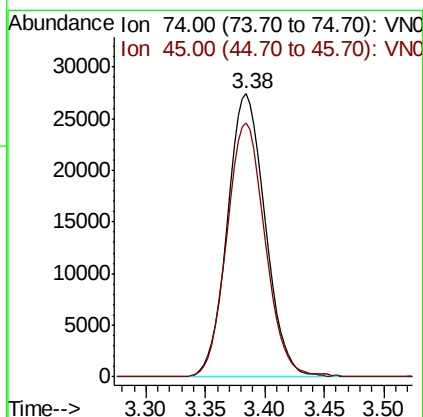
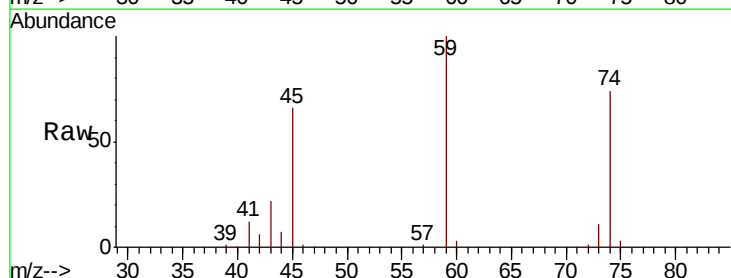
Tot Ion:101 Resp: 174178
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.0 76.6

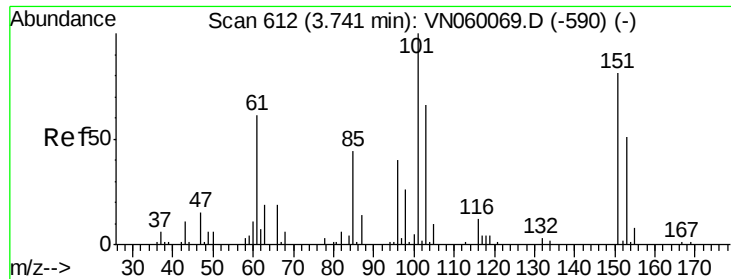


#8

Diethyl Ether
 Concen: 53.744 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

Tgt Ion: 74 Resp: 60478
 Ion Ratio Lower Upper
 74 100
 45 90.7 44.7 134.1

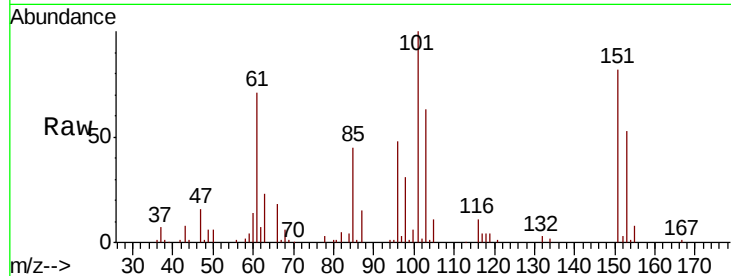




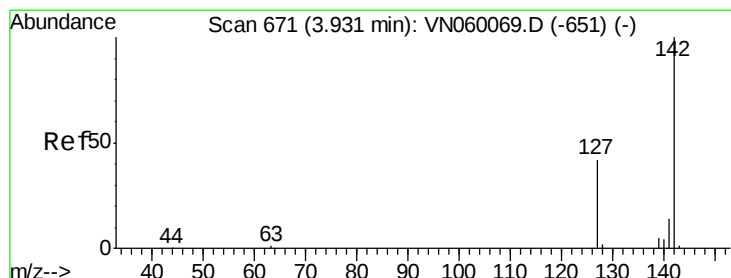
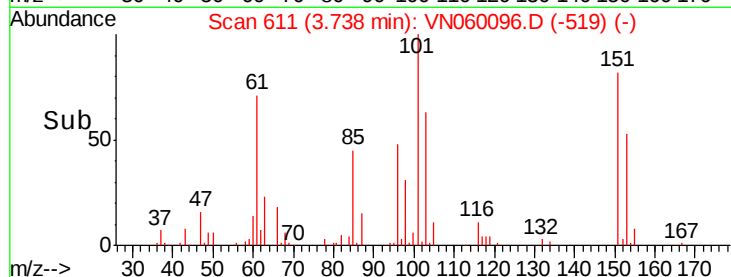
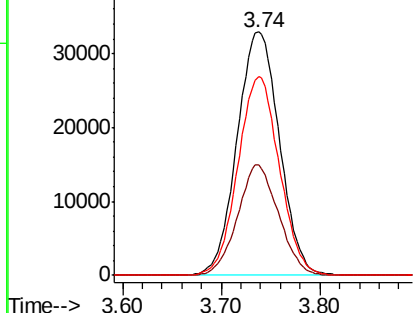
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.101 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 97787
Ion Ratio Lower Upper
101 100
85 43.9 35.1 52.7
151 79.9 65.8 98.6

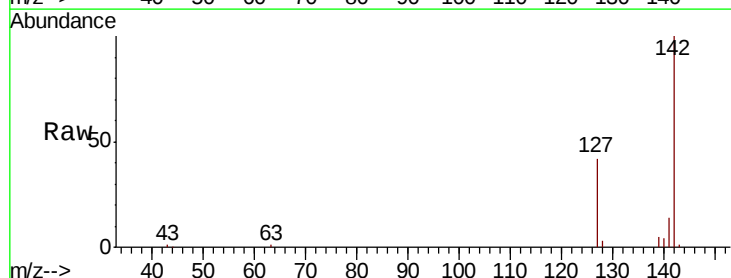


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V

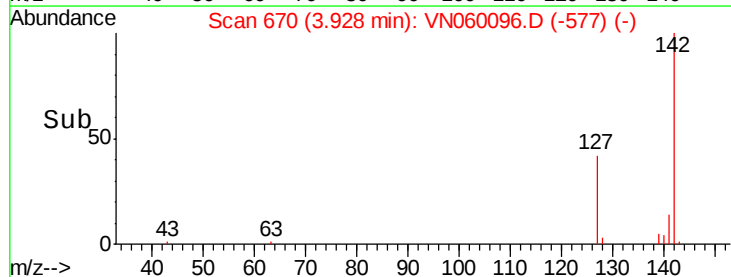
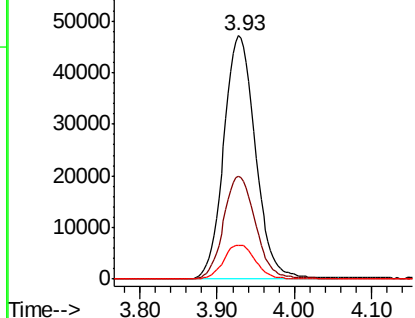


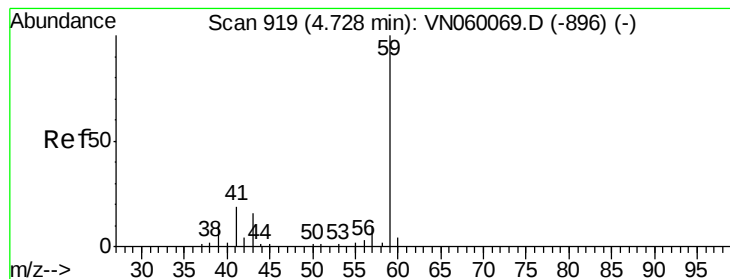
#10
Methyl Iodide
Concen: 52.988 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion:142 Resp: 134049
Ion Ratio Lower Upper
142 100
127 42.8 33.6 50.4
141 14.0 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



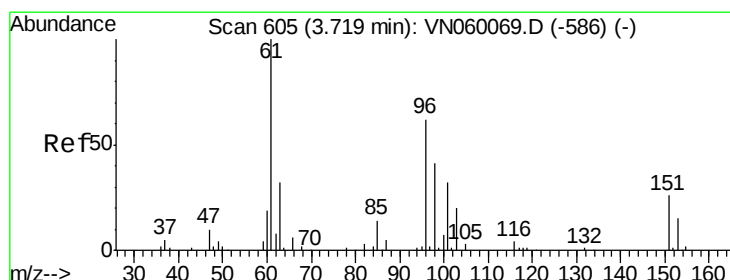
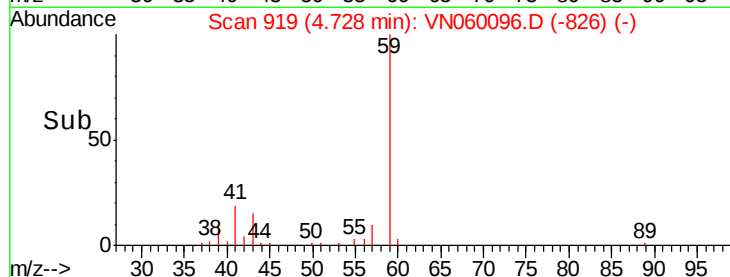
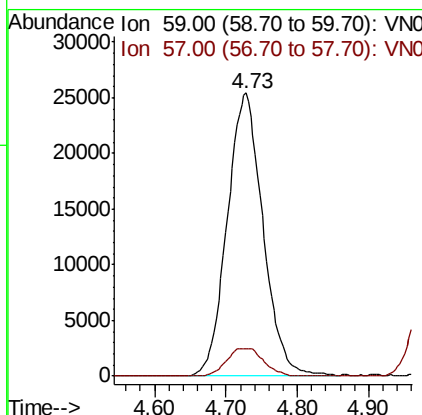
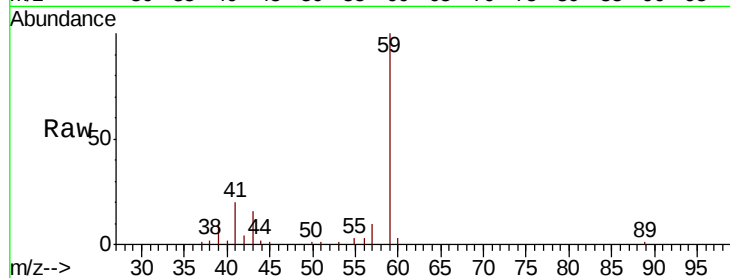


#11

Tert butyl alcohol
Concen: 252.170 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Instrument :
MSVOA_N
ClientSampled :

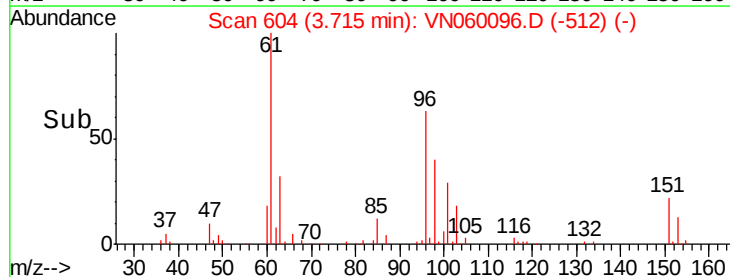
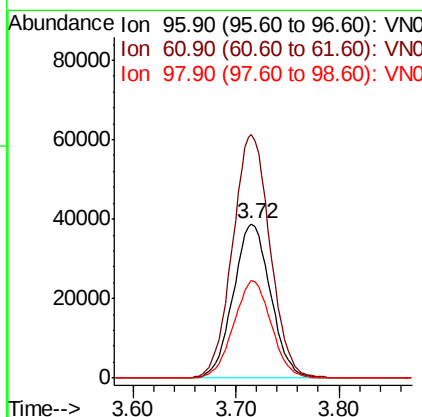
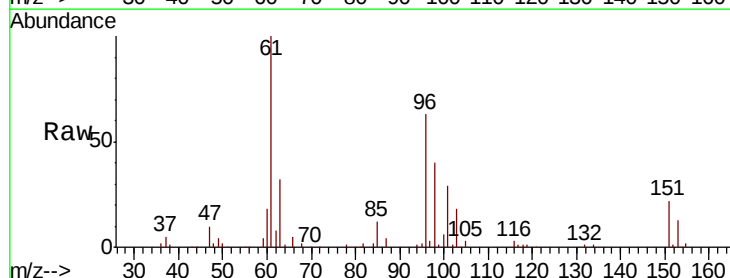
Tot Ion: 59 Resp: 88799
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

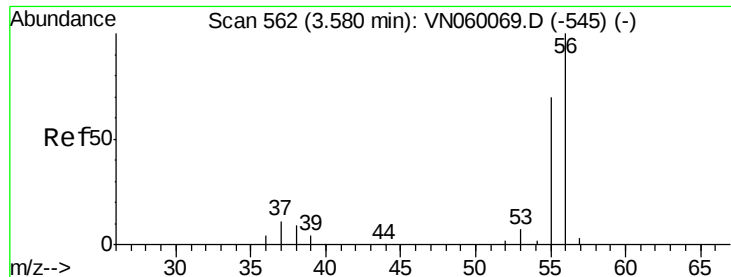


#12

1,1-Dichloroethene
Concen: 53.444 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 96 Resp: 97715
Ion Ratio Lower Upper
96 100
61 157.7 128.3 192.5
98 63.4 52.2 78.4





#13

Acrolein

Concen: 250.258 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

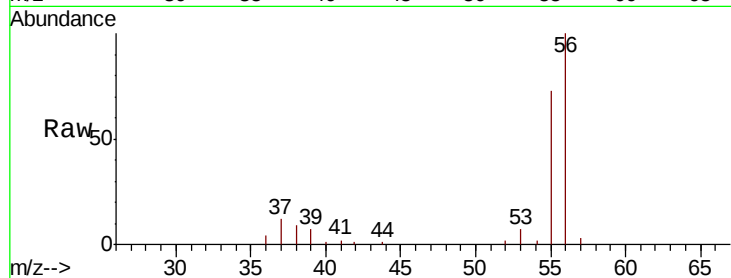
ClientSampleId :

Tot Ion: 56 Resp: 87107

Ion Ratio Lower Upper

56 100

55 72.1 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN060096.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060096.D (-545) (-)

3.57

40000

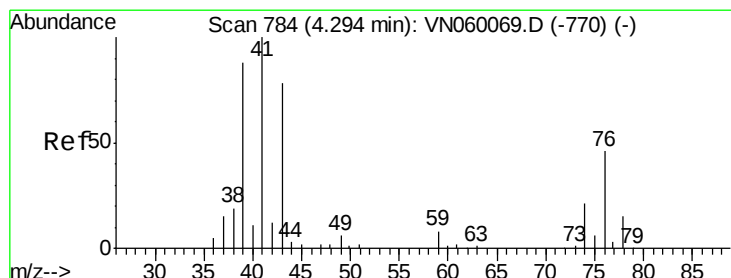
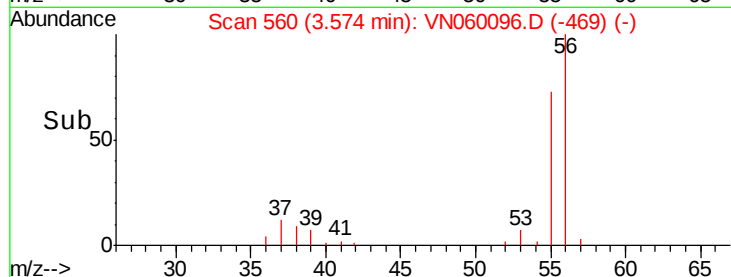
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 51.491 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

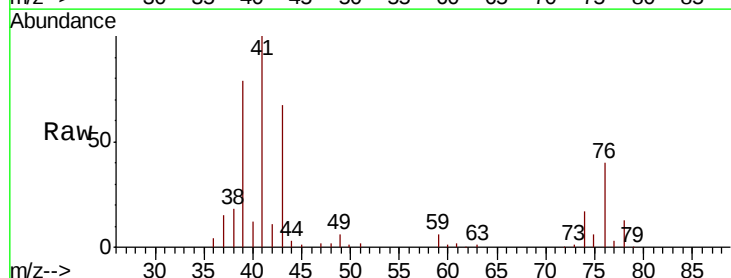
Tgt Ion: 41 Resp: 138566

Ion Ratio Lower Upper

41 100

39 81.7 67.8 101.8

76 41.0 33.9 50.9



Abundance Ion 41.00 (40.70 to 41.70): VN060096.D (-691) (-)

Ion 39.00 (38.70 to 39.70): VN060096.D (-691) (-)

Ion 75.90 (75.60 to 76.60): VN060096.D (-691) (-)

4.29

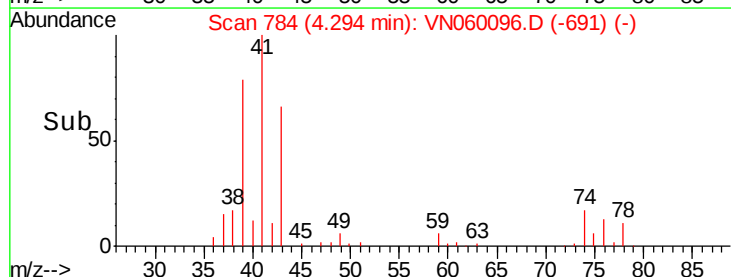
60000

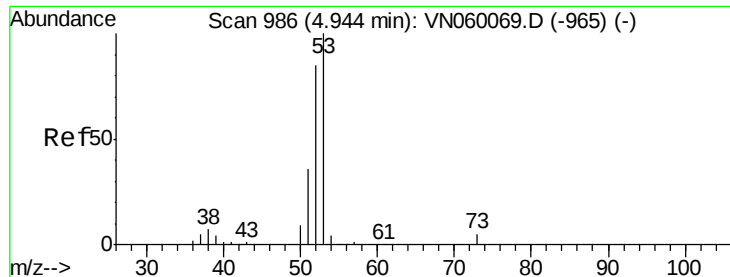
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 272.974 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

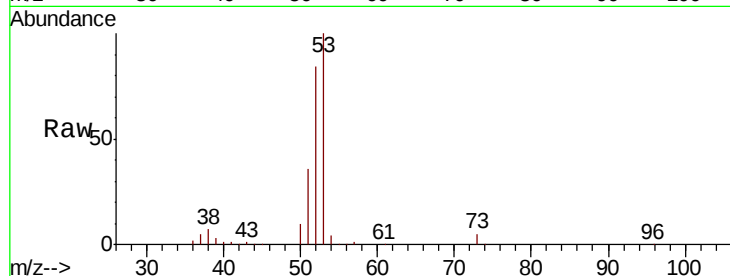
Tot Ion: 53 Resp: 234750

Ion Ratio Lower Upper

53 100

52 83.6 66.8 100.2

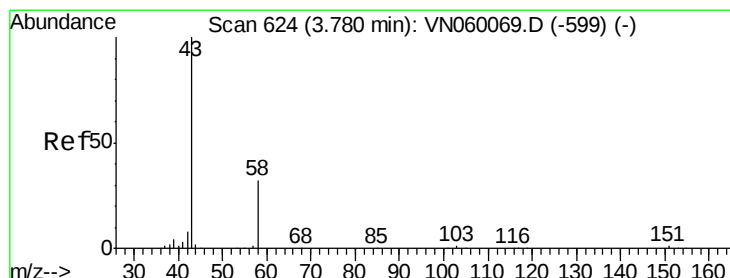
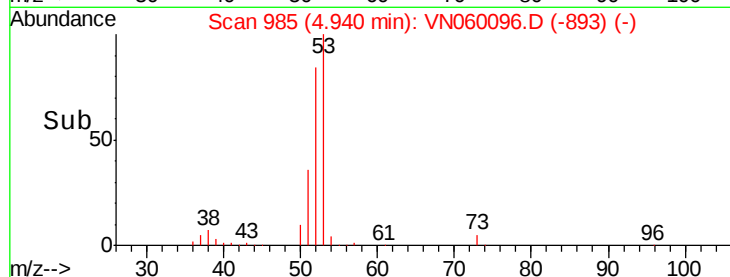
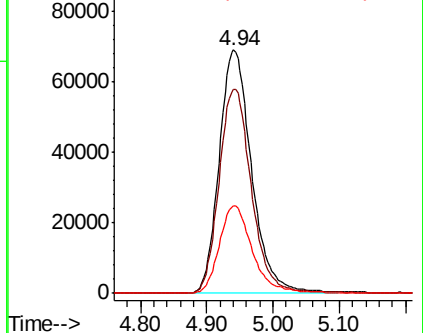
51 36.4 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060096.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN060096.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN060096.D (-965) (-)



#16

Acetone

Concen: 224.894 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060096.D

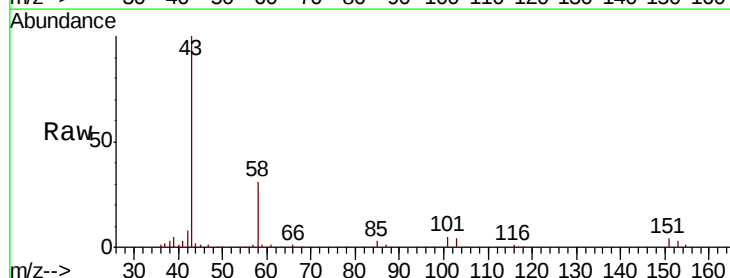
Acq: 13 Feb 2020 16:05

Tgt Ion: 43 Resp: 230840

Ion Ratio Lower Upper

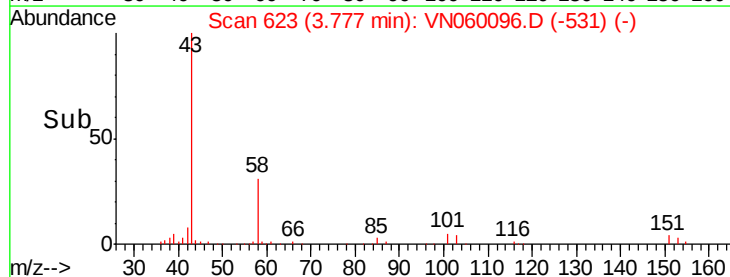
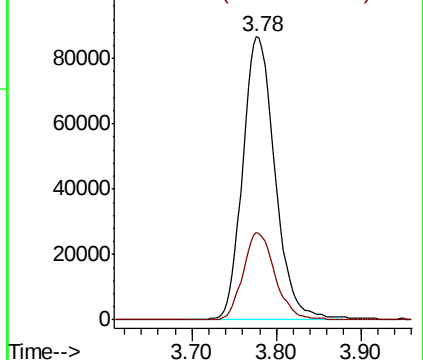
43 100

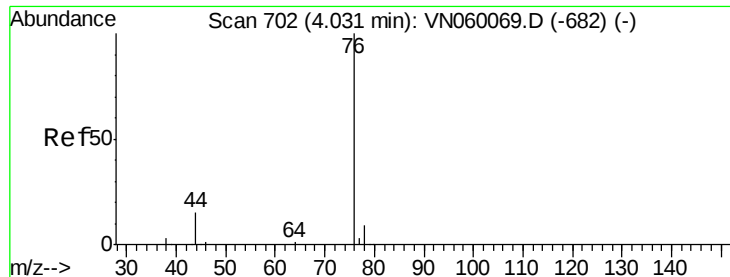
58 30.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060096.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN060096.D (-599) (-)

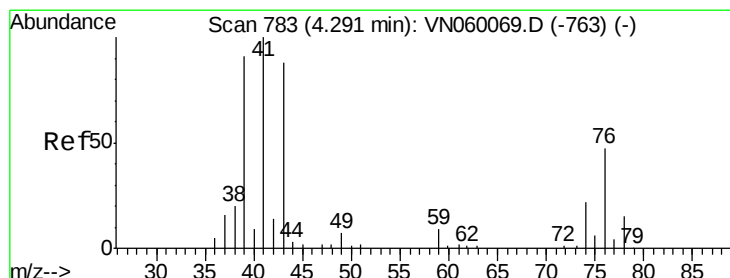
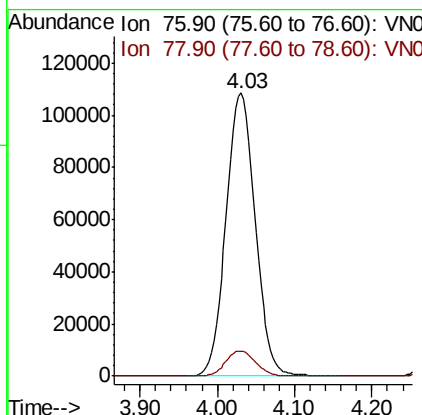
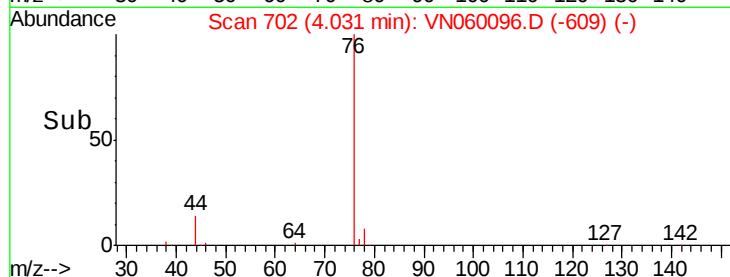
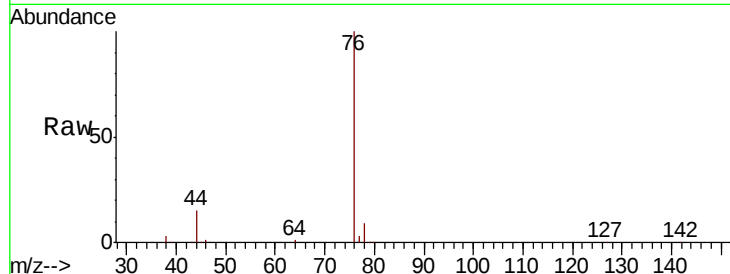




#17
Carbon Disulfide
Concen: 51.566 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

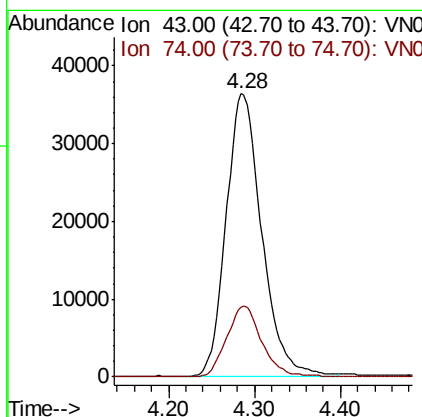
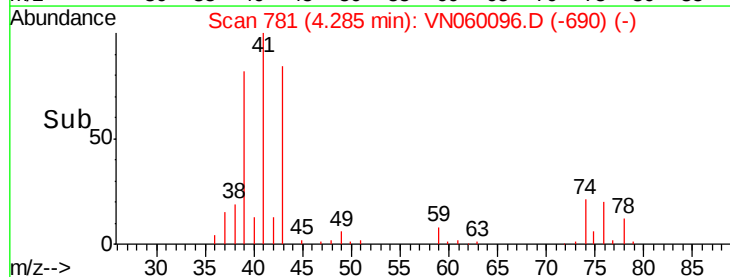
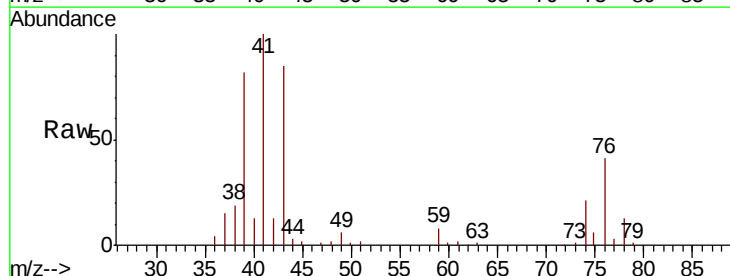
Instrument :
MSVOA_N
ClientSampled :

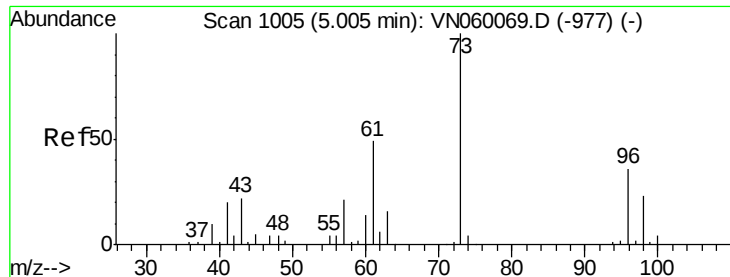
Tot Ion: 76 Resp: 284182
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 54.603 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.01 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 43 Resp: 105284
Ion Ratio Lower Upper
43 100
74 24.6 20.3 30.5

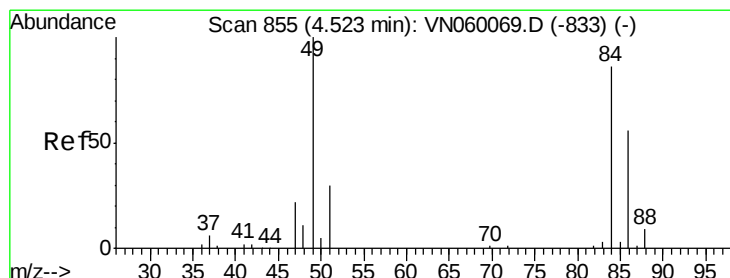
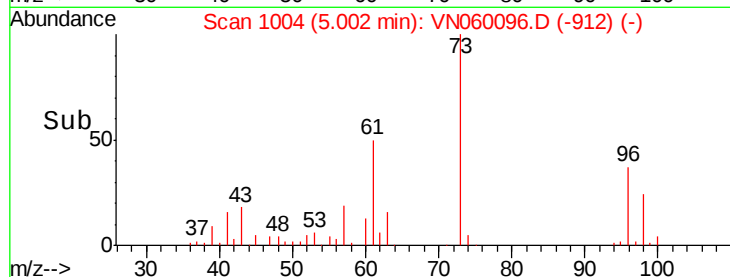
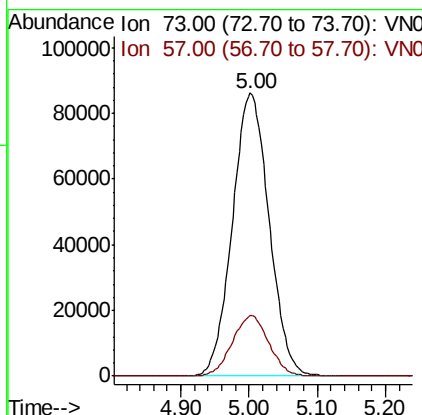
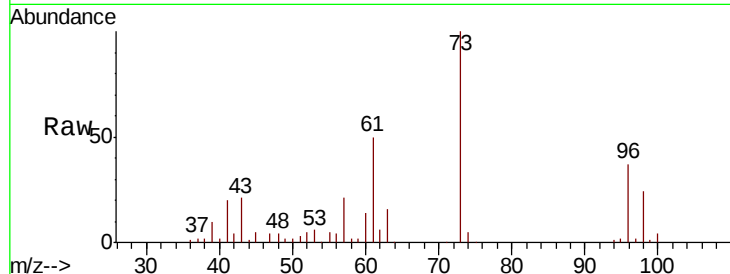




#19
Methvl tert-butvl Ether
Concen: 52.328 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

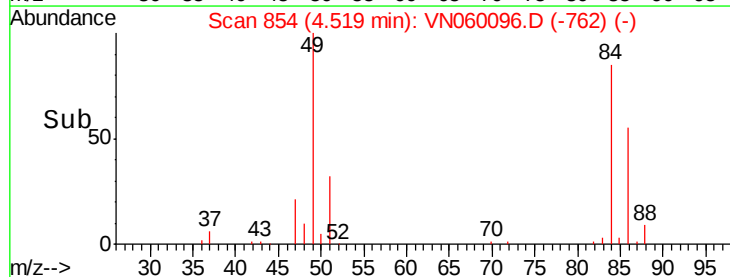
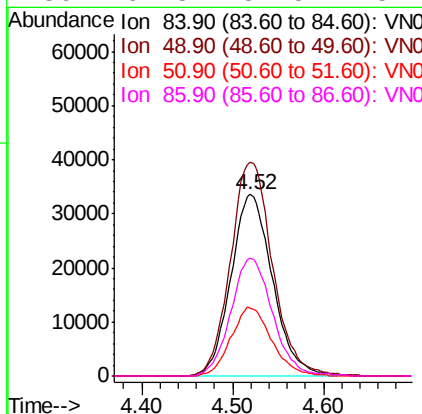
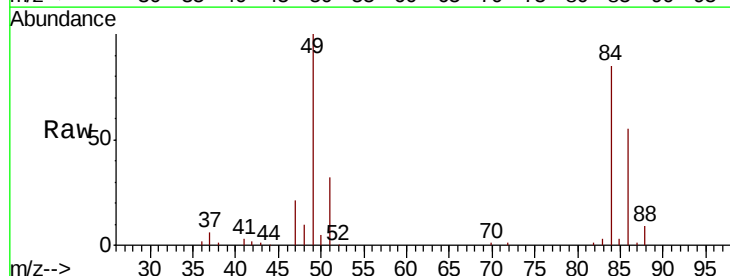
Instrument :
MSVOA_N
ClientSampled :

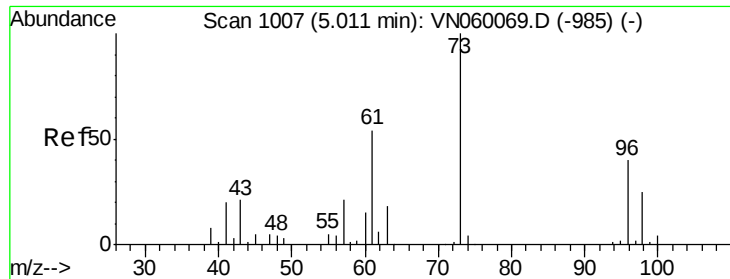
Tot Ion: 73 Resp: 321750
Ion Ratio Lower Upper
73 100
57 21.3 17.2 25.8



#20
Methylene Chloride
Concen: 52.125 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 84 Resp: 106743
Ion Ratio Lower Upper
84 100
49 117.5 93.4 140.0
51 37.6 28.4 42.6
86 64.8 52.5 78.7

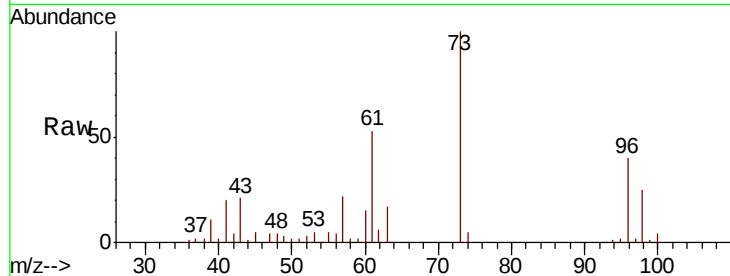




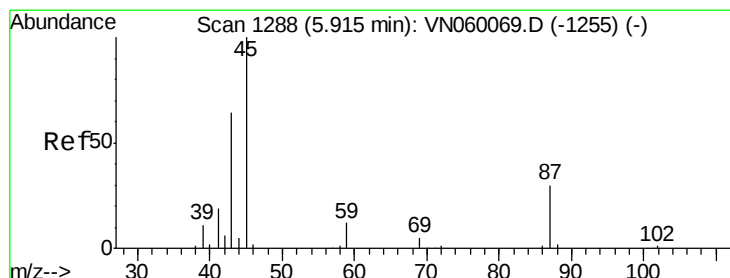
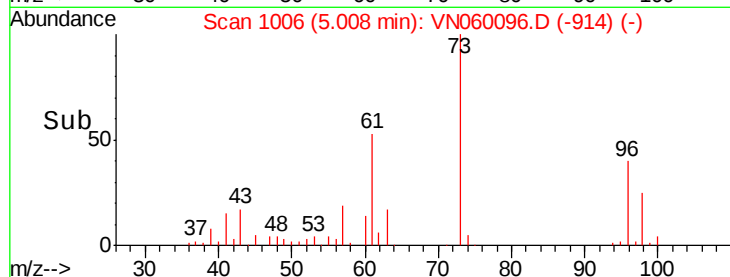
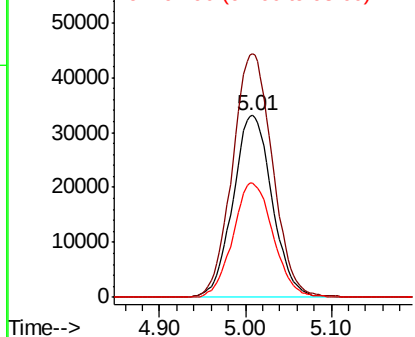
#21
trans-1,2-Dichloroethene
Concen: 52.626 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 104888
Ion Ratio Lower Upper
96 100
61 134.0 109.3 163.9
98 62.8 51.0 76.6

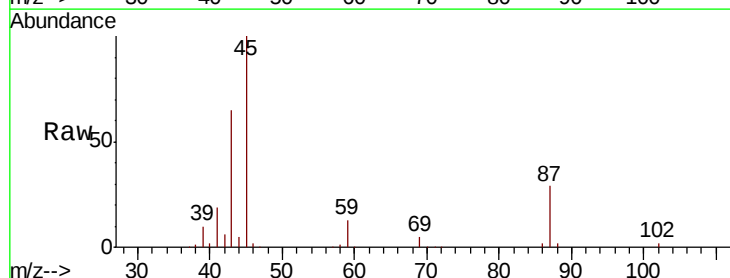


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

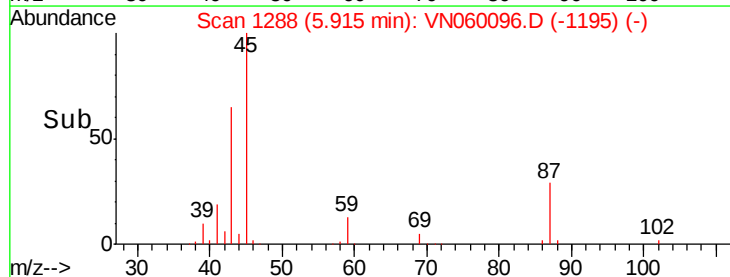
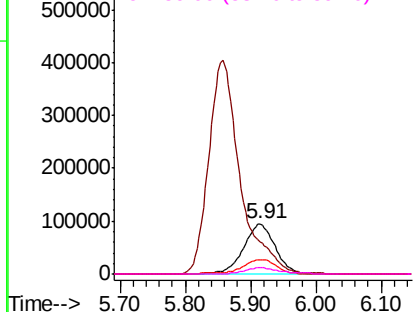


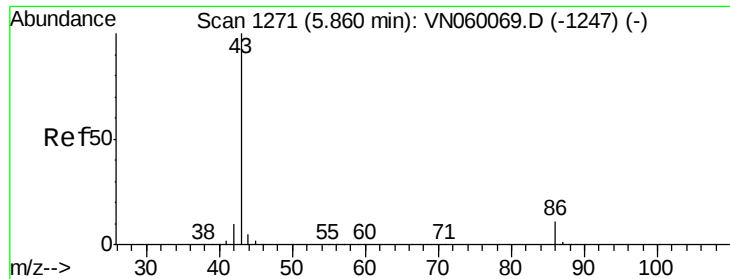
#22
Diisopropyl ether
Concen: 53.827 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 45 Resp: 317460
Ion Ratio Lower Upper
45 100
43 63.8 55.9 83.9
87 29.4 24.5 36.7
59 12.5 9.9 14.9



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





#23

Vinyl Acetate

Concen: 273.986 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

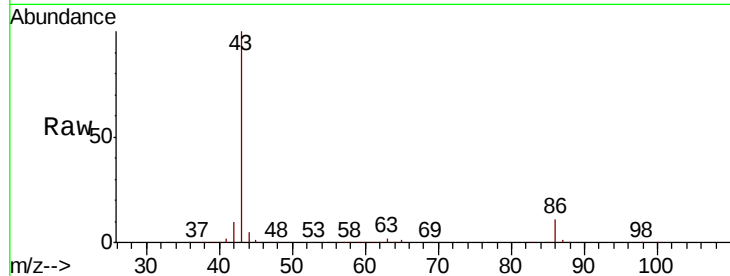
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1356992

Ion Ratio Lower Upper

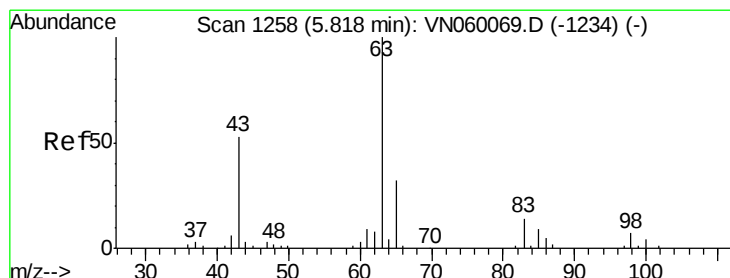
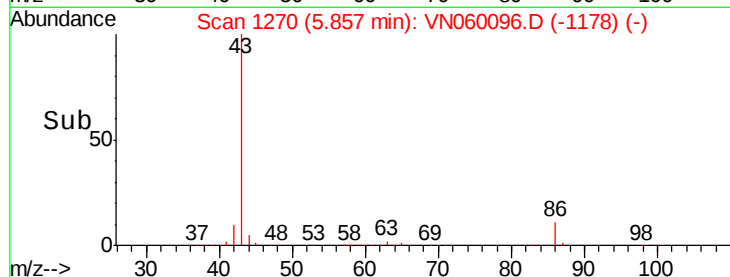
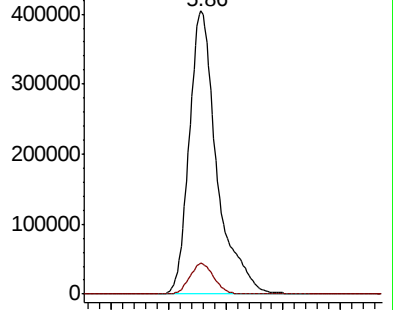
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN060096.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN060096.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 53.012 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

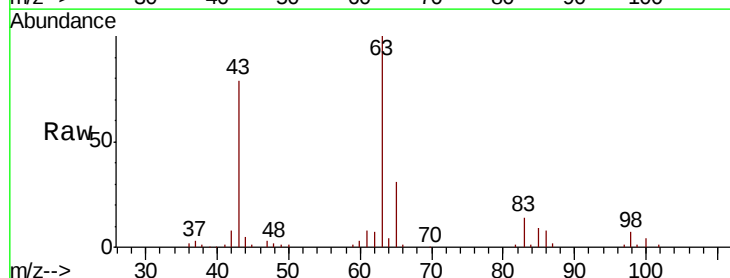
Tgt Ion: 63 Resp: 189401

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

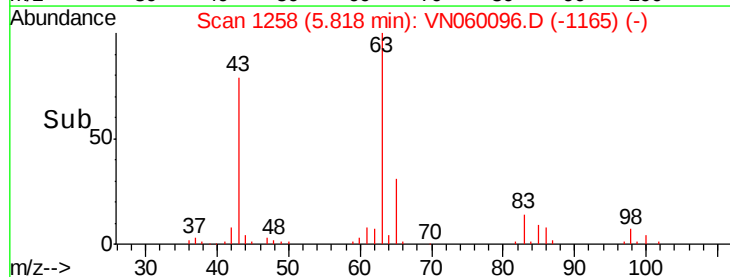
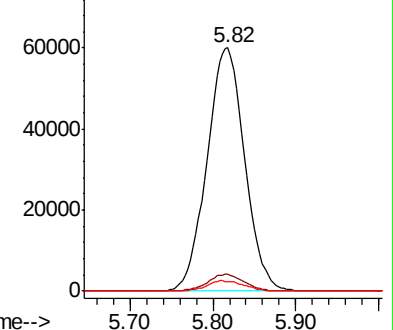
100 4.0 2.2 6.6

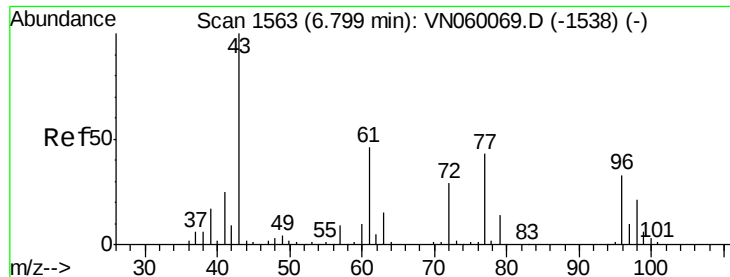


Abundance Ion 62.90 (62.60 to 63.60): VN060096.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060096.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060096.D (-1165) (-)

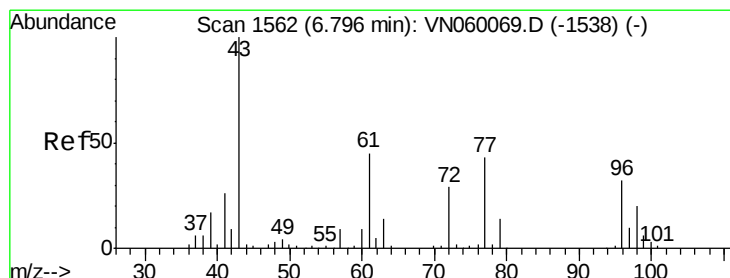
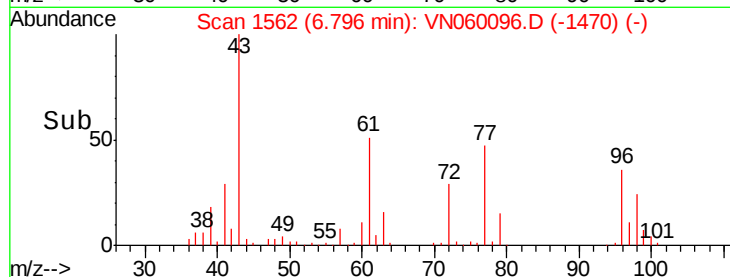
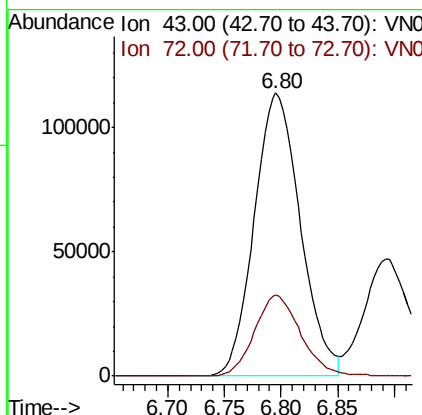
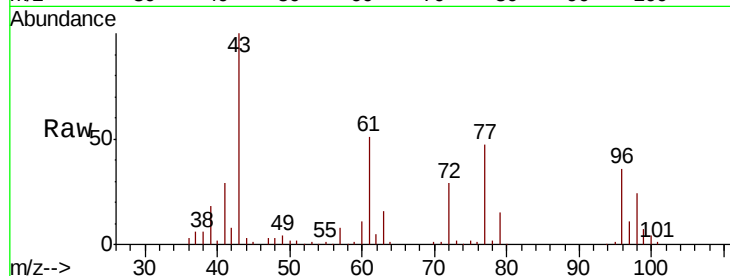




#25
2-Butanone
Concen: 249.608 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

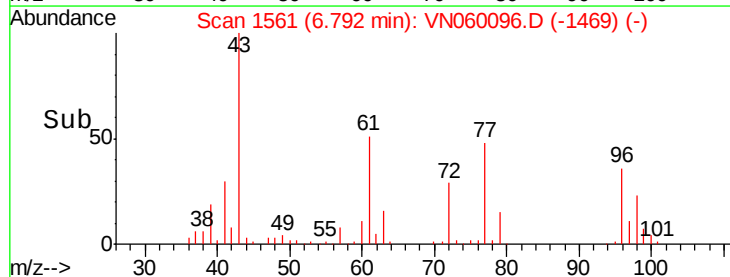
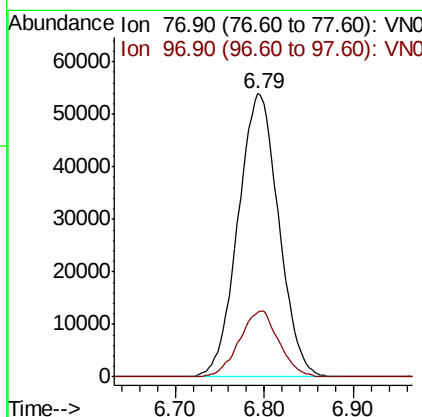
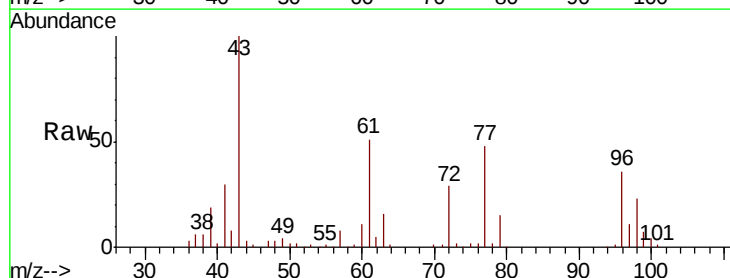
Instrument :
MSVOA_N
ClientSampled :

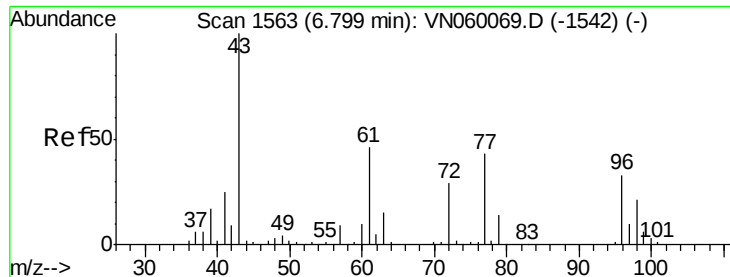
Tot Ion: 43 Resp: 322226
Ion Ratio Lower Upper
43 100
72 28.6 23.3 34.9



#26
2,2-Dichloropropane
Concen: 50.399 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 77 Resp: 171031
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 51.796 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

ClientSampled :

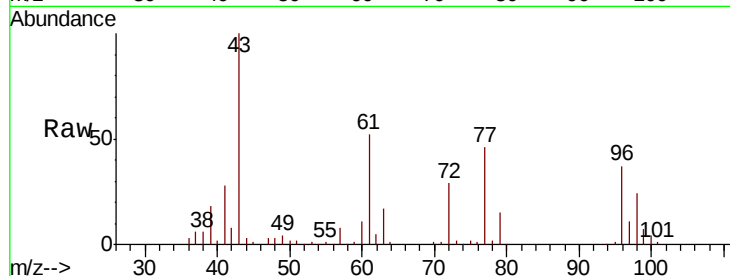
Tot Ion: 96 Resp: 120814

Ion Ratio Lower Upper

96 100

61 142.8 0.0 285.8

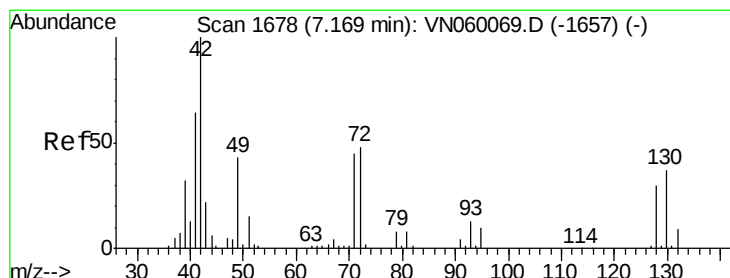
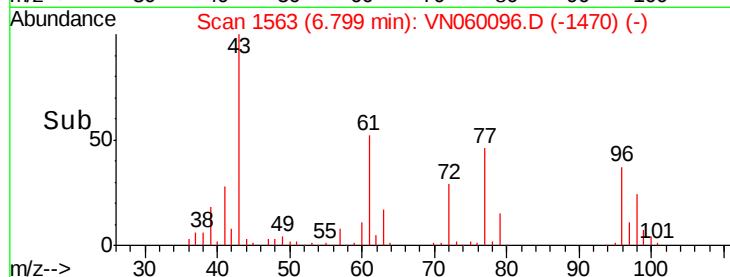
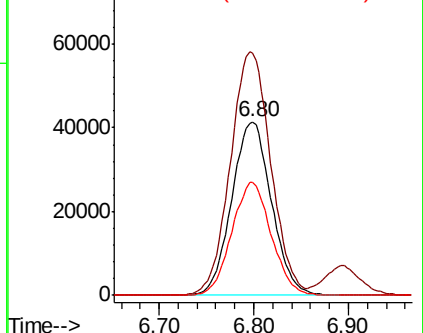
98 64.8 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN060096.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN060096.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN060096.D (-1542) (-)



#28

Bromochloromethane

Concen: 48.518 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

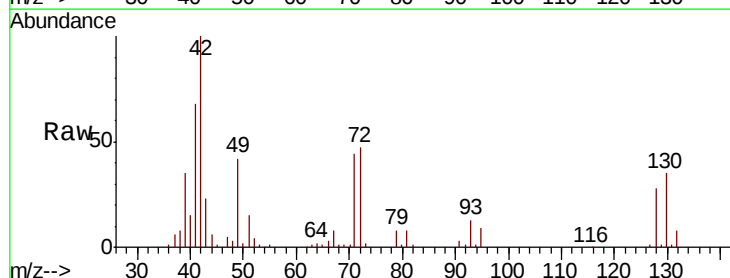
Tgt Ion: 49 Resp: 68148

Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2

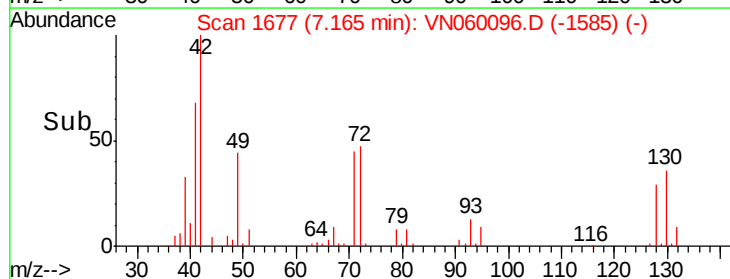
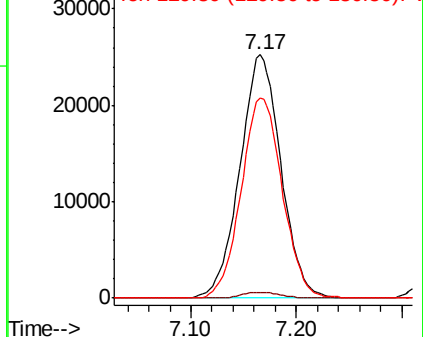
130 82.7 66.8 100.2

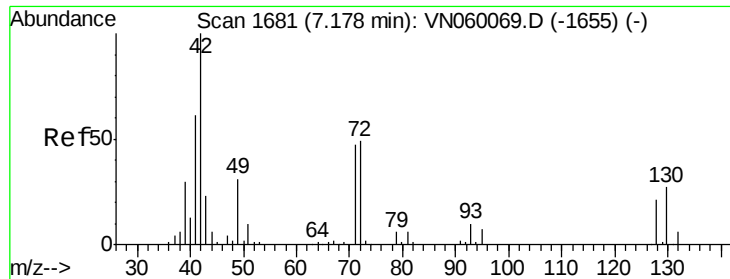


Abundance Ion 48.90 (48.60 to 49.60): VN060096.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN060096.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN060096.D (-1657) (-)

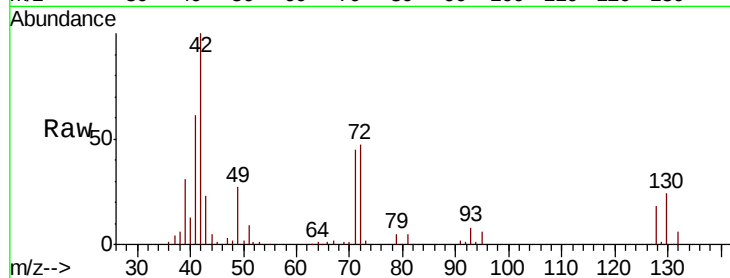




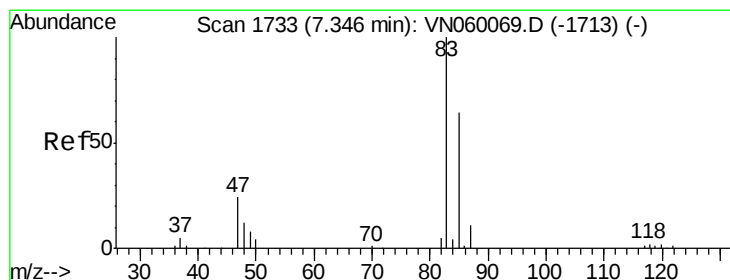
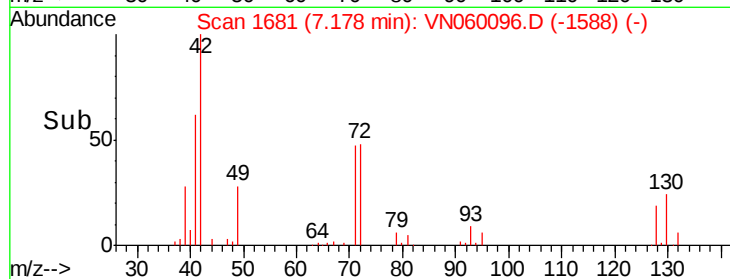
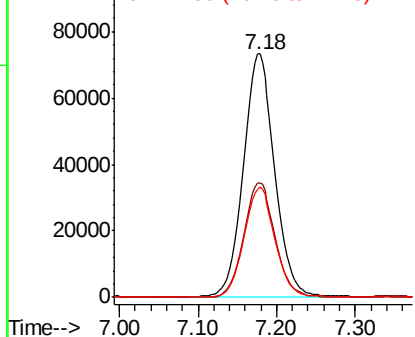
#29
Tetrahydrofuran
Concen: 260.914 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 206633
Ion Ratio Lower Upper
42 100
72 46.8 38.2 57.4
71 44.7 36.6 54.8

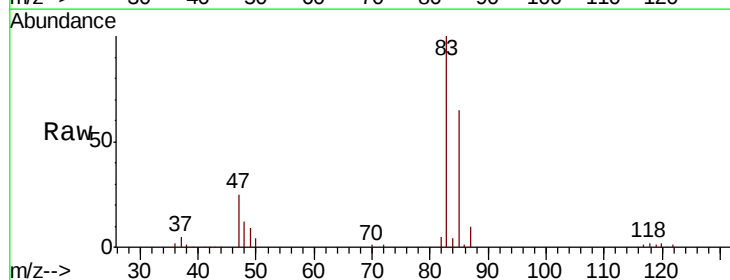


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

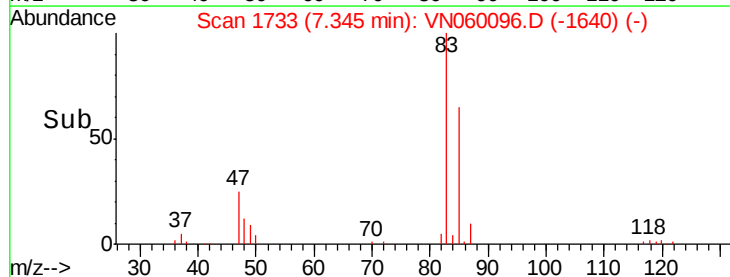
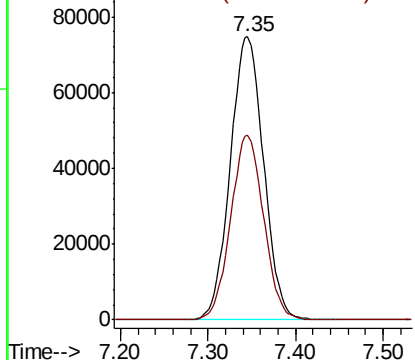


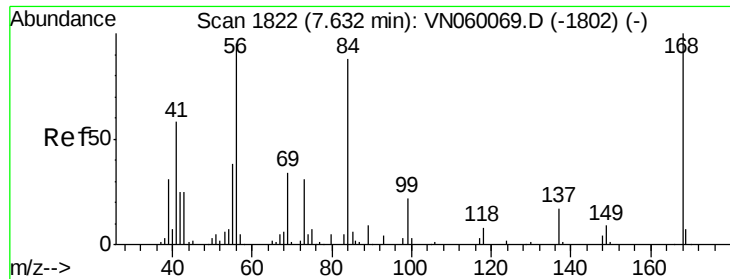
#30
Chloroform
Concen: 52.849 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 83 Resp: 197793
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0



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

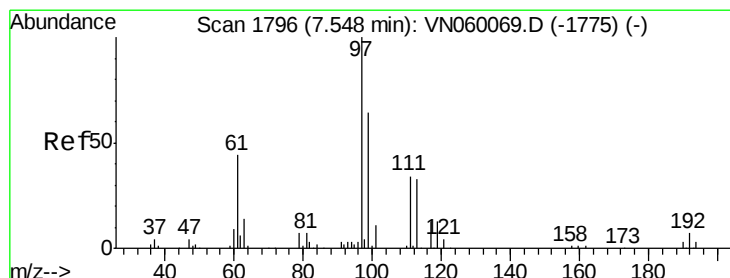
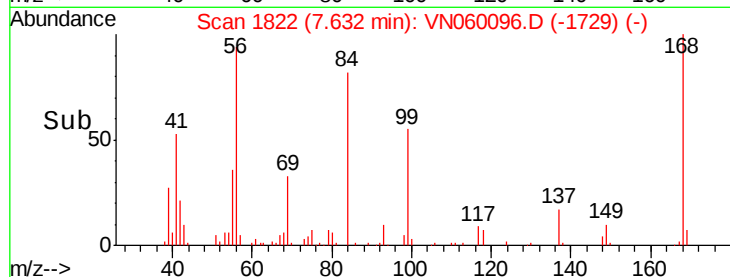
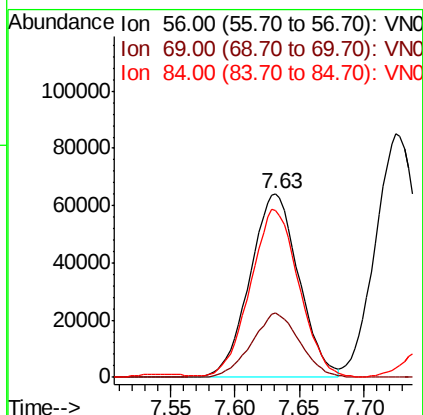
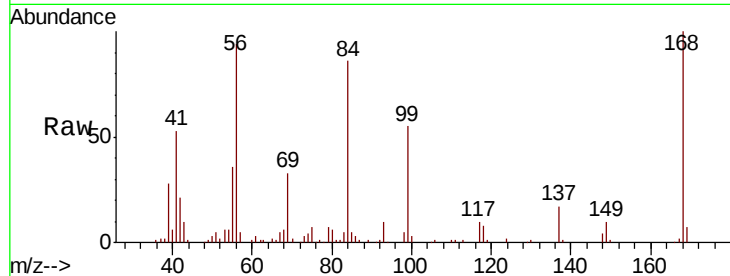




#31
Cyclohexane
Concen: 50.935 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

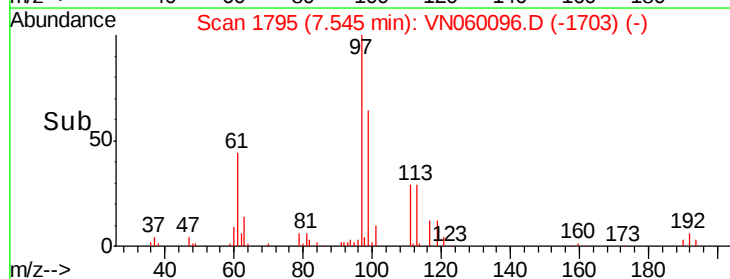
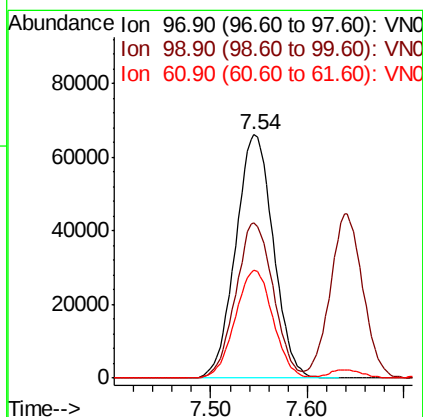
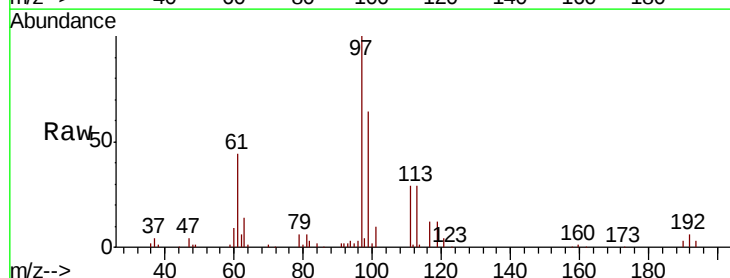
Instrument :
MSVOA_N
ClientSampled :

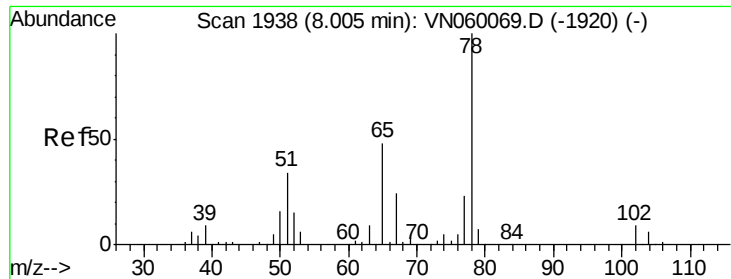
Tot Ion: 56 Resp: 169521
Ion Ratio Lower Upper
56 100
69 34.9 28.3 42.5
84 89.9 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 52.366 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 97 Resp: 179096
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 44.3 34.9 52.3

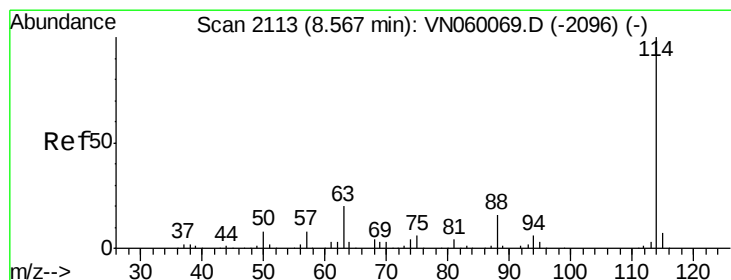
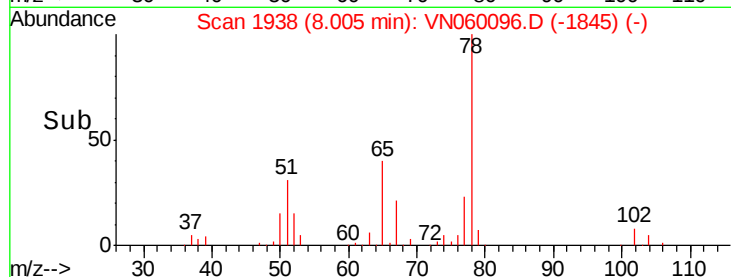
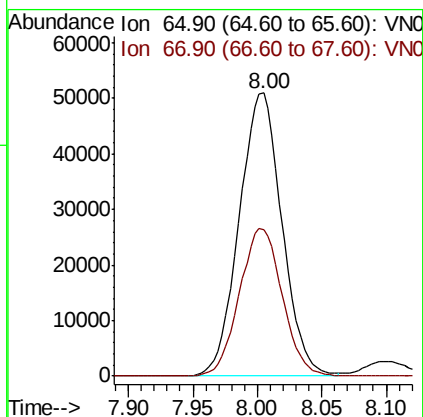
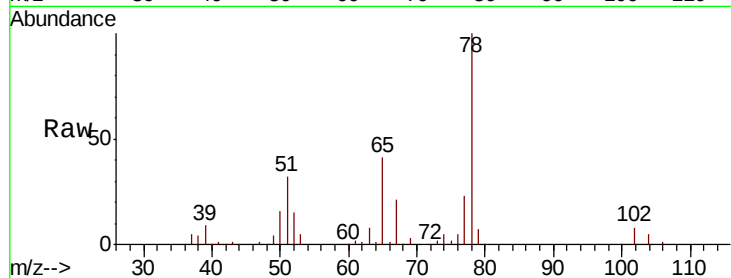




#33
 1,2-Dichloroethane-d4
 Concen: 50.064 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

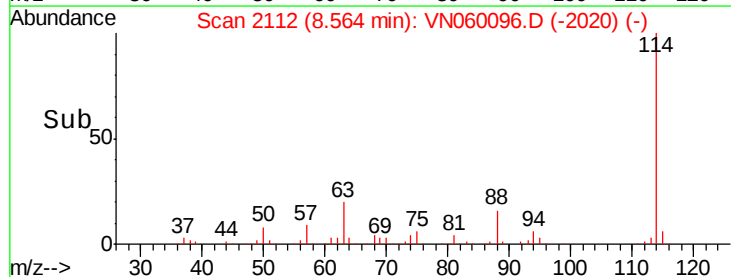
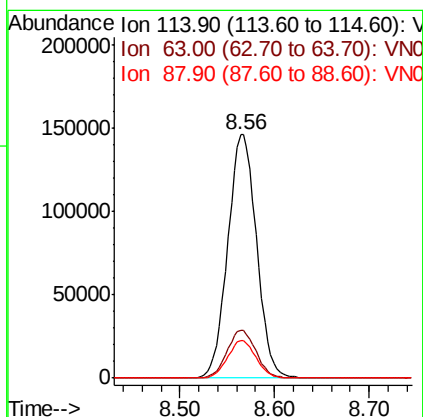
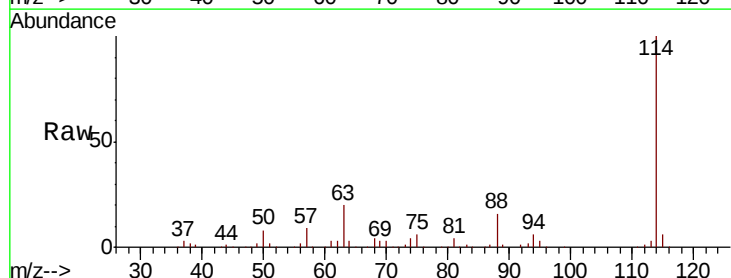
Instrument :
 MSVOA_N
 ClientSampled :

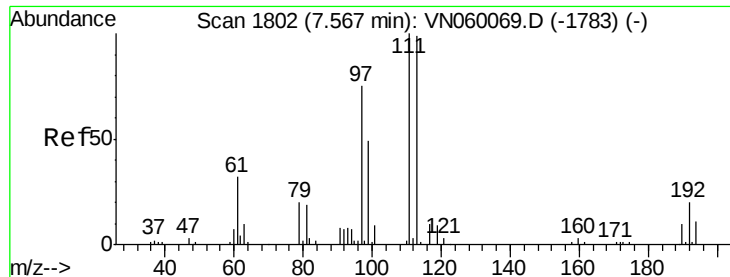
Tot Ion: 65 Resp: 117810
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

Tgt Ion: 114 Resp: 308976
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.7 0.0 31.6

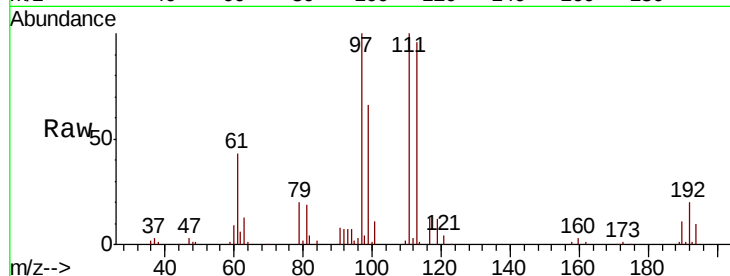




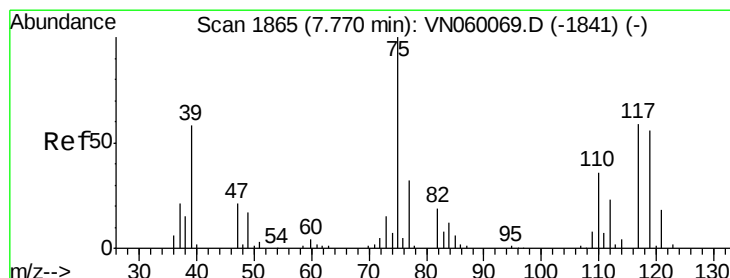
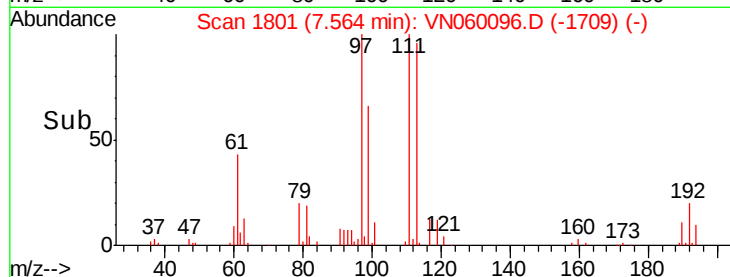
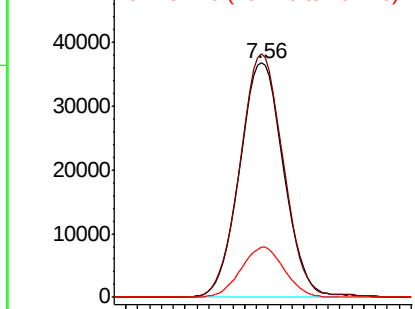
#35
 Dibromofluoromethane
 Concen: 49.716 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 94425
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.2
 192 21.0 16.2 24.2

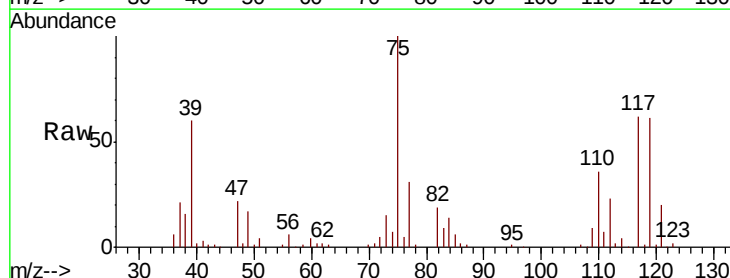


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

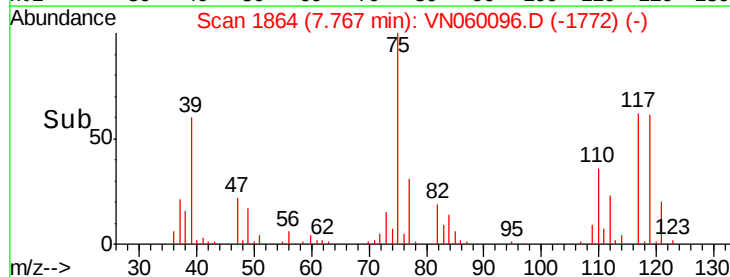
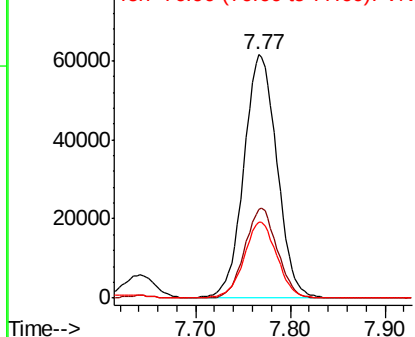


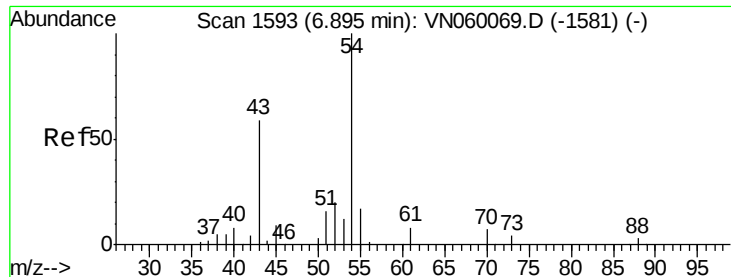
#36
 1,1-Dichloropropene
 Concen: 52.317 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

Tgt Ion: 75 Resp: 149725
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.1 54.3
 77 31.0 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

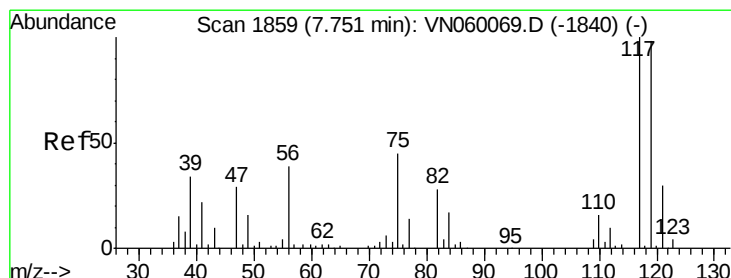
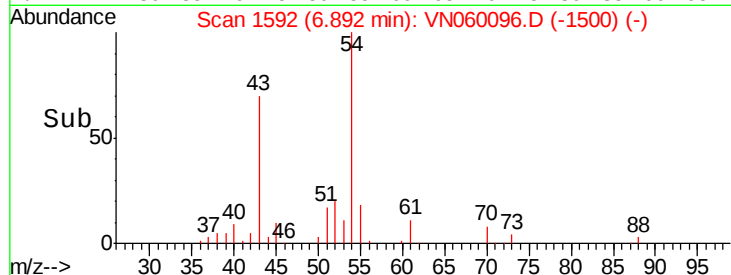
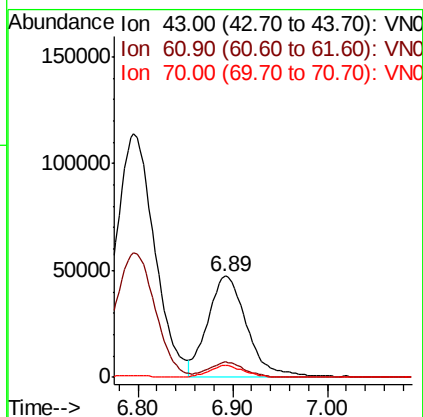
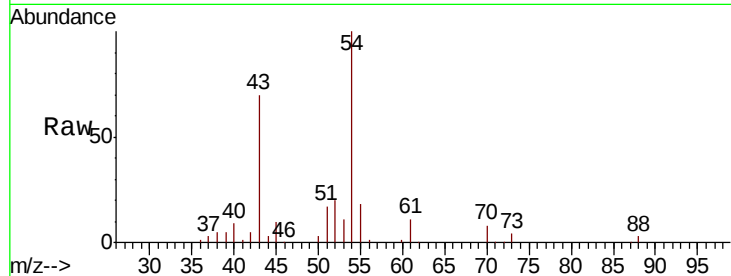




#37
Ethyl Acetate
Concen: 52.097 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

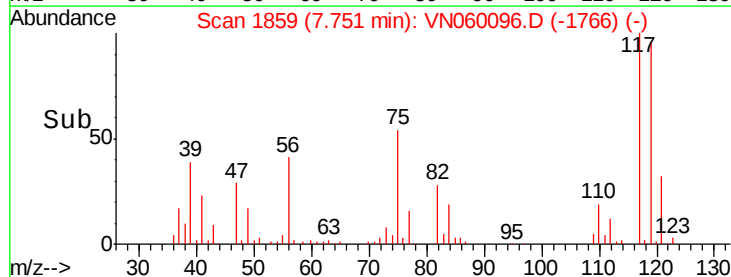
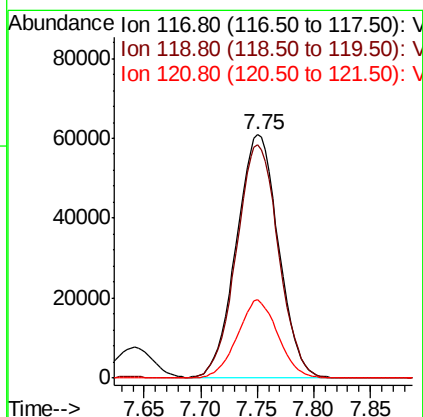
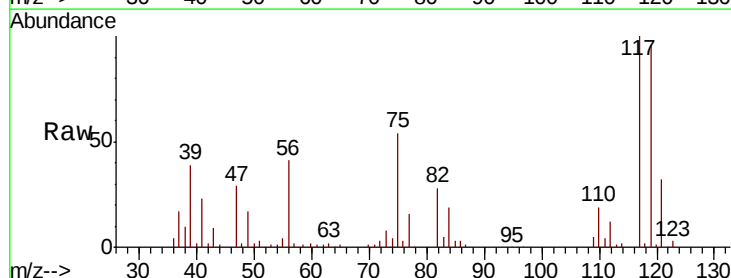
Instrument :
MSVOA_N
ClientSampled :

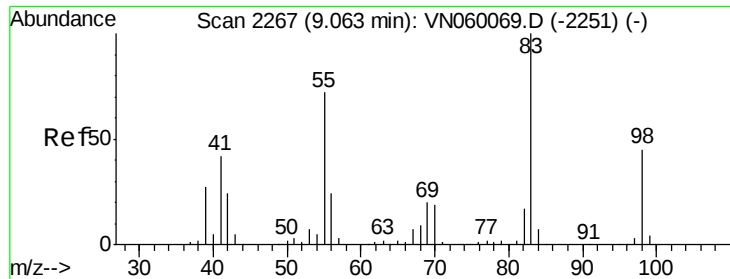
Tot Ion: 43 Resp: 134746
Ion Ratio Lower Upper
43 100
61 14.1 11.4 17.2
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 50.799 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 117 Resp: 157890
Ion Ratio Lower Upper
117 100
119 95.9 78.2 117.4
121 32.0 24.2 36.2

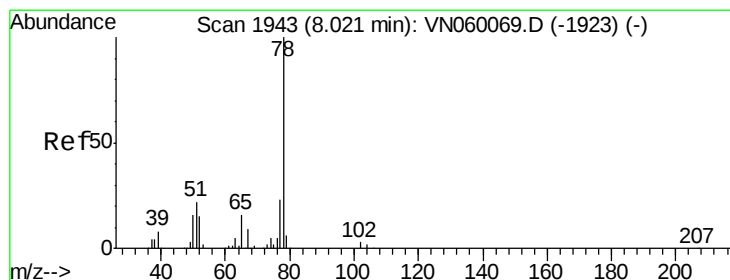
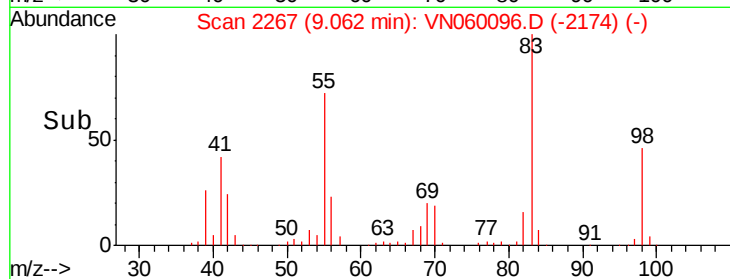
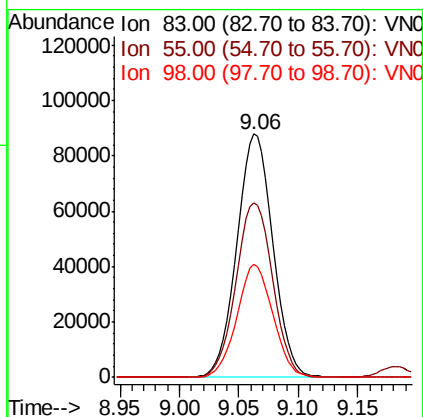
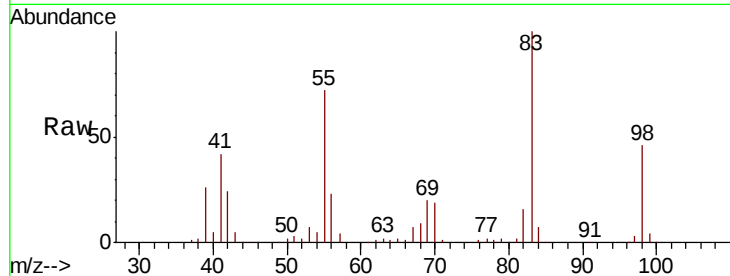




#39
Methvlcvclohexane
Concen: 51.886 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

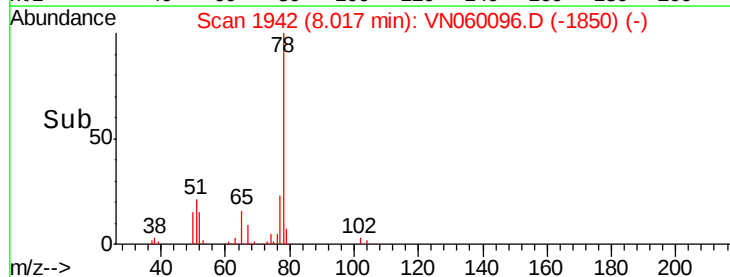
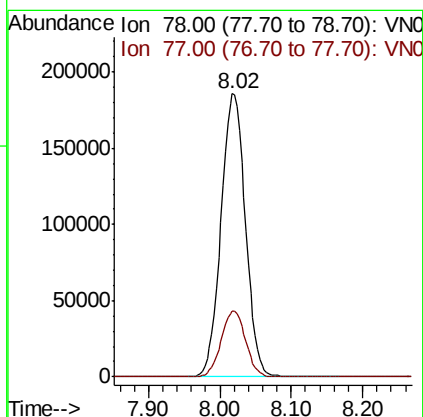
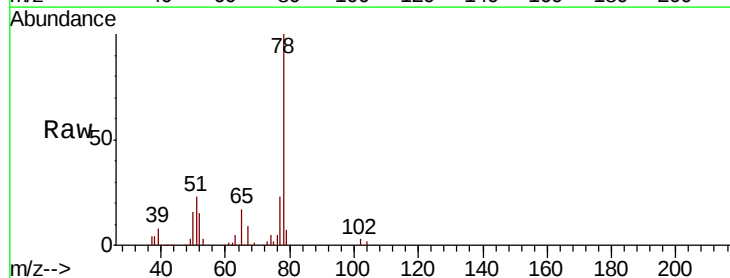
Instrument :
MSVOA_N
ClientSampled :

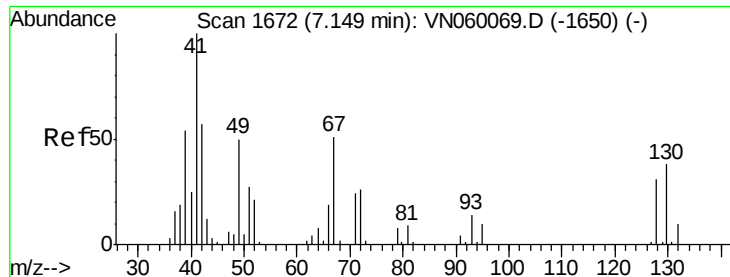
Tot Ion: 83 Resp: 184326
Ion Ratio Lower Upper
83 100
55 71.7 57.8 86.8
98 46.5 36.4 54.6



#40
Benzene
Concen: 52.037 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 78 Resp: 441761
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

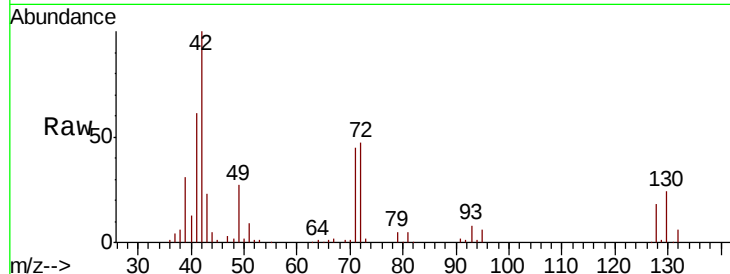




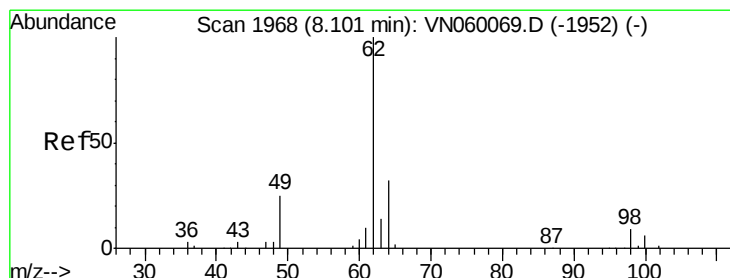
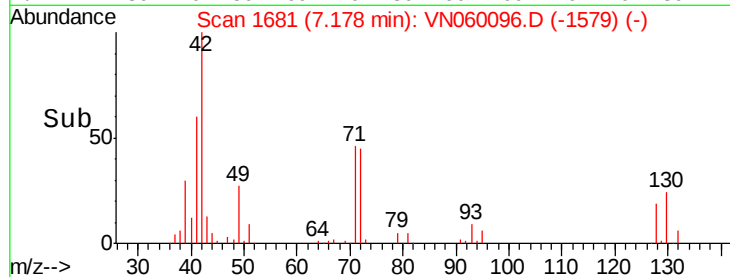
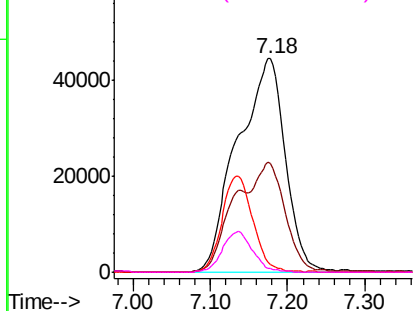
#41
Methacrylonitrile
Concen: 176.111 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	191026
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

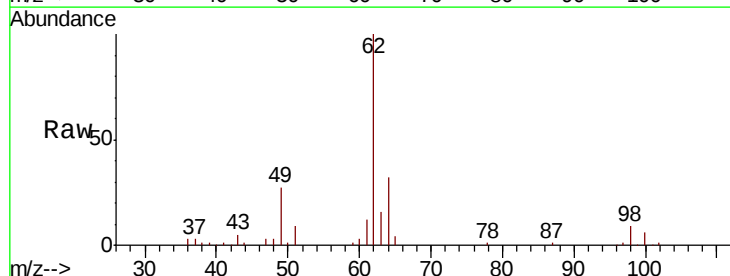


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

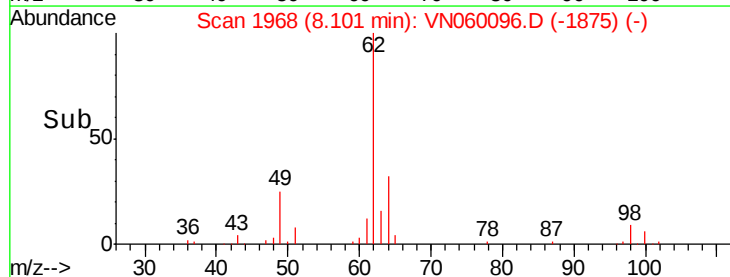
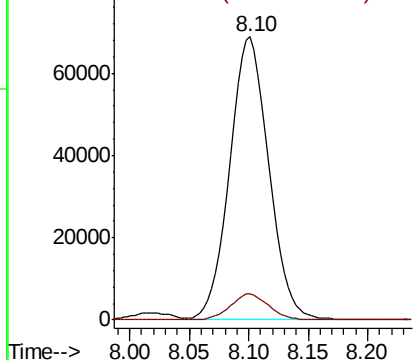


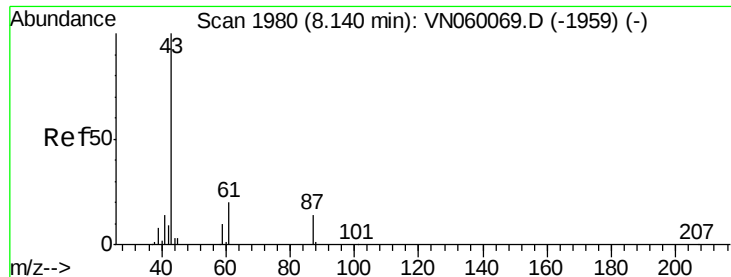
#42
1,2-Dichloroethane
Concen: 52.404 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion:	62	Resp:	155923
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2



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

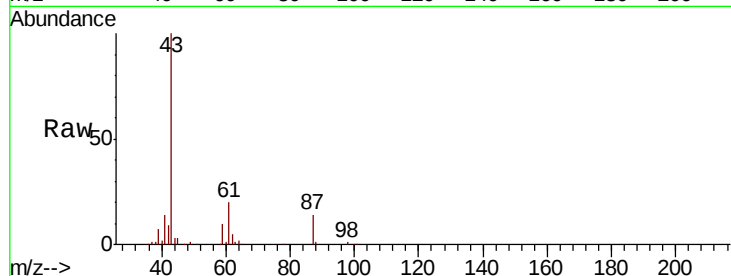




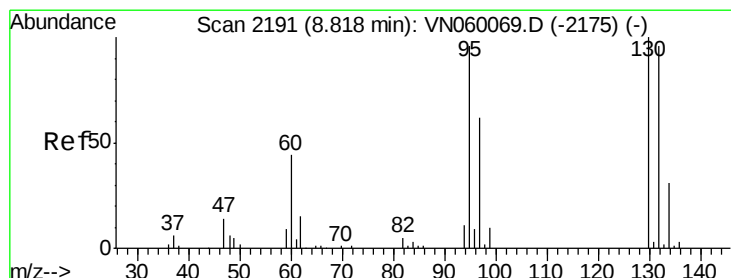
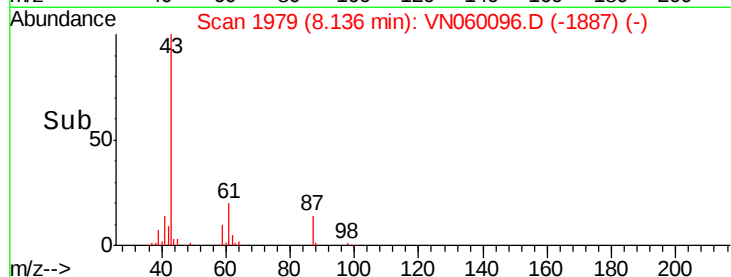
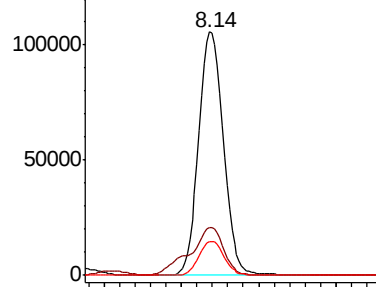
#43
Isopropyl Acetate
Concen: 53.143 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 234963
Ion Ratio Lower Upper
43 100
61 26.8 21.8 32.6
87 14.0 11.4 17.2

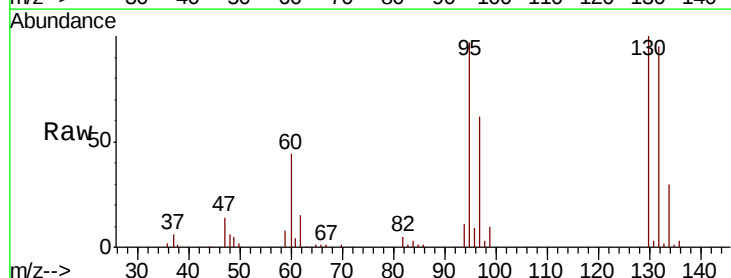


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

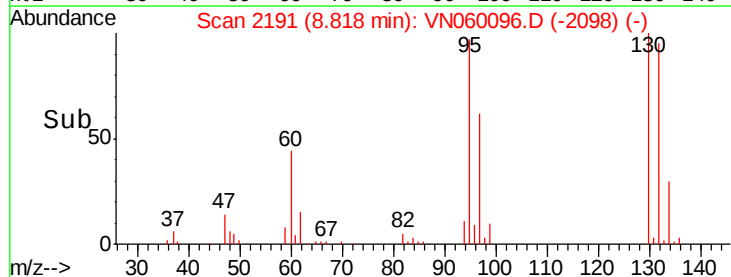
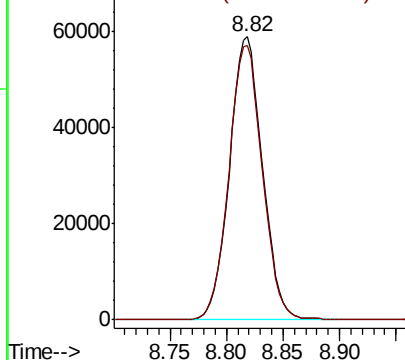


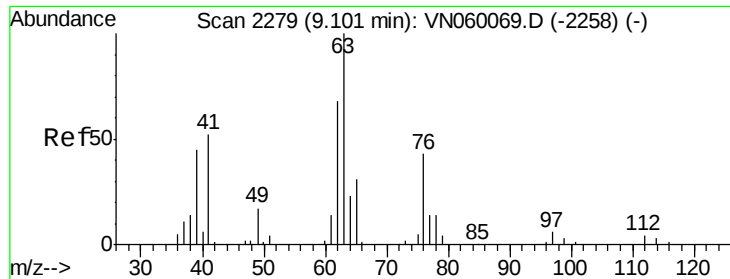
#44
Trichloroethene
Concen: 50.740 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion:130 Resp: 119272
Ion Ratio Lower Upper
130 100
95 97.1 0.0 192.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

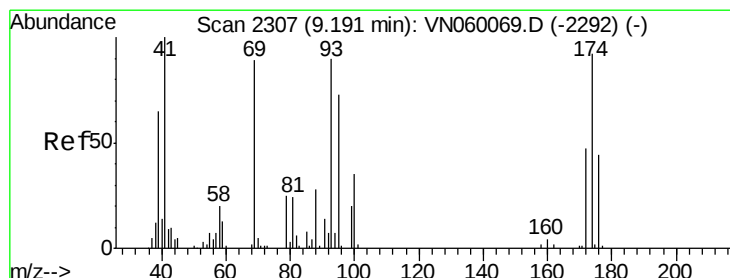
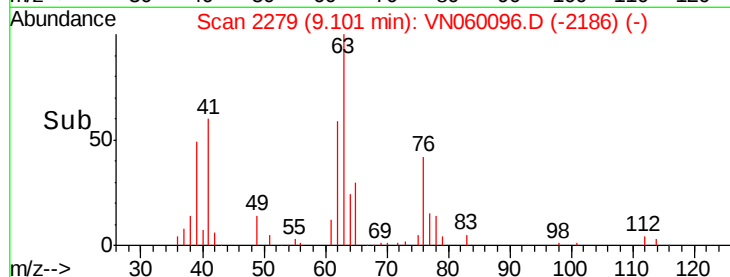
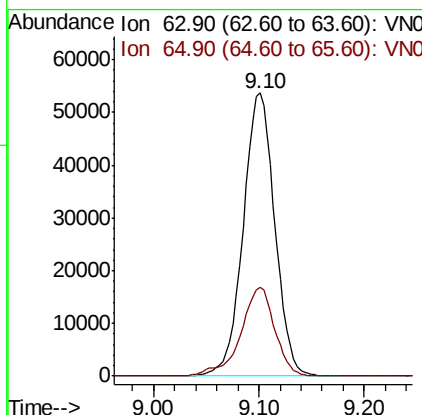
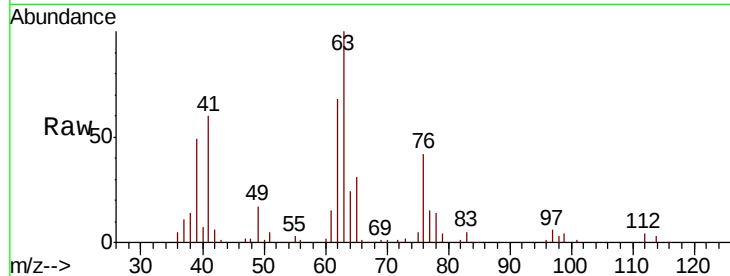




#45
 1,2-Dichloropropane
 Concen: 53.256 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

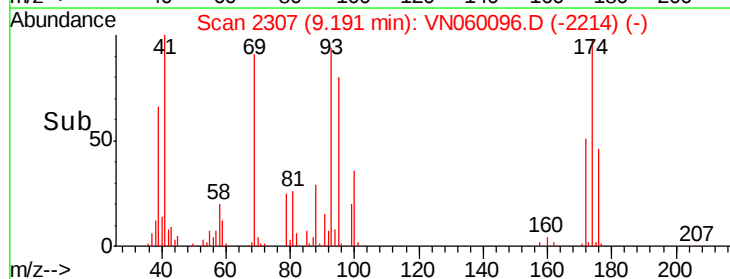
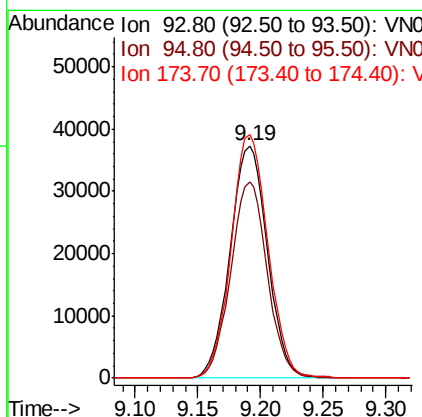
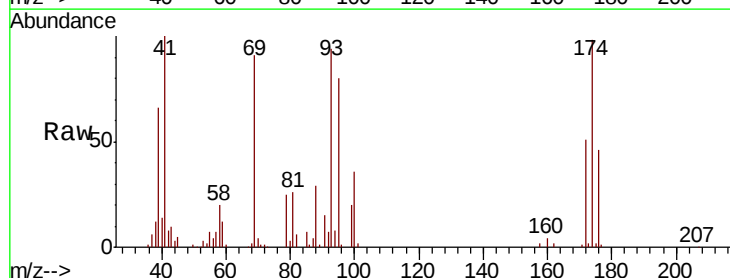
Instrument :
 MSVOA_N
 ClientSampleId :

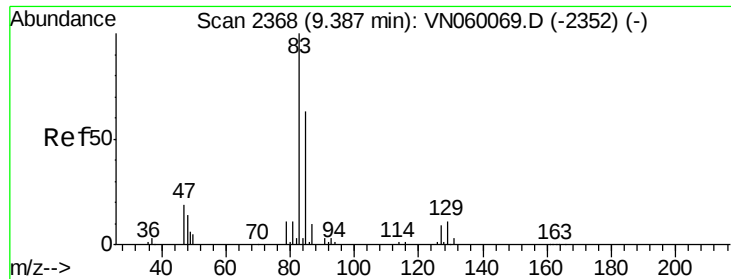
Tot Ion: 63 Resp: 111930
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4



#46
 Dibromomethane
 Concen: 52.088 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

Tgt Ion: 93 Resp: 77363
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.0 97.6
 174 103.4 82.3 123.5

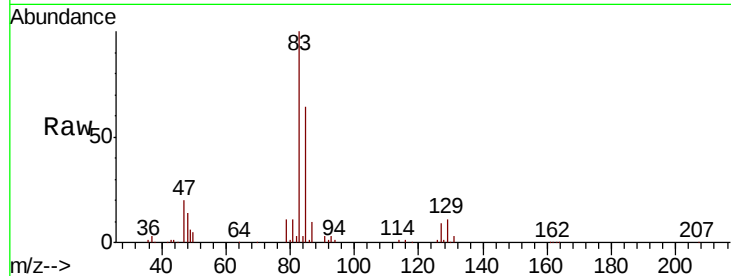




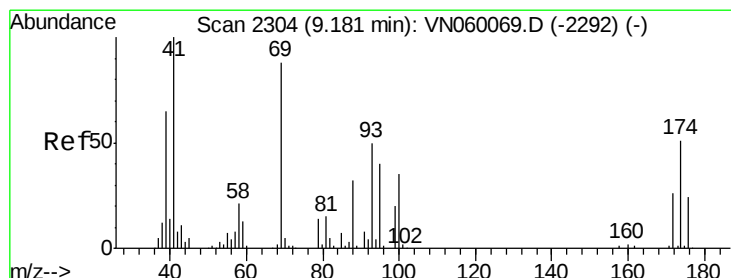
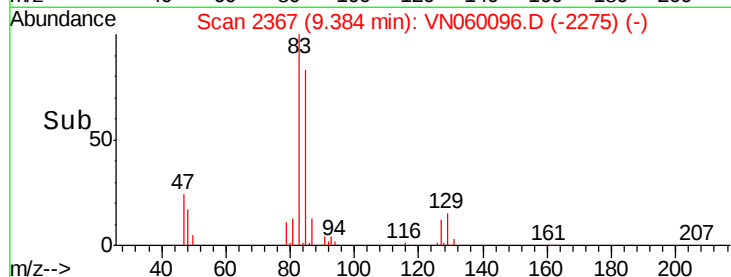
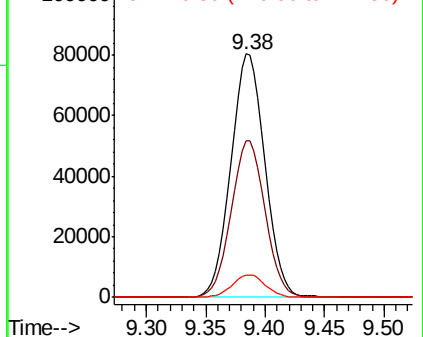
#47
Bromodichloromethane
Concen: 52.687 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 159096
Ion Ratio Lower Upper
83 100
85 64.4 50.6 75.8
127 9.1 7.0 10.6

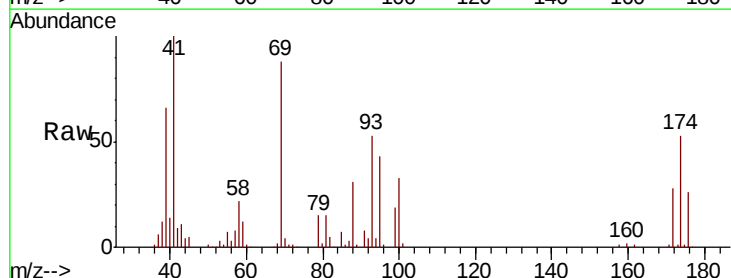


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

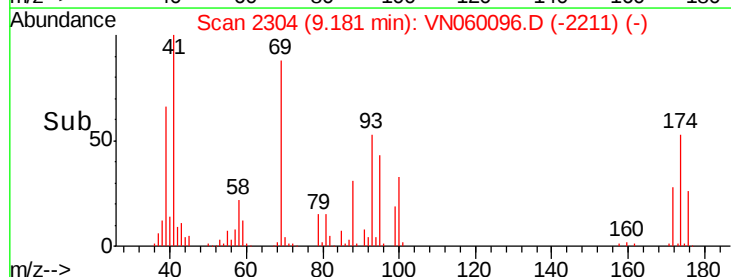
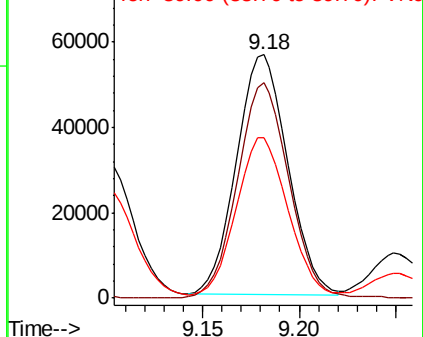


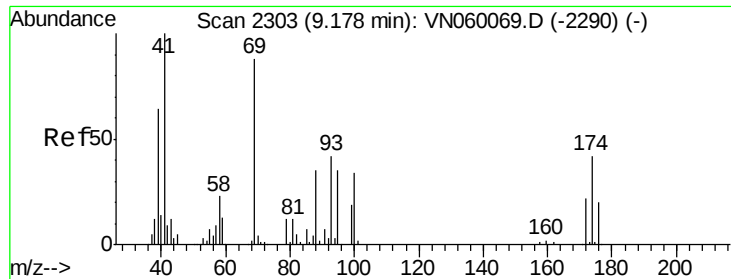
#48
Methyl methacrylate
Concen: 52.283 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 41 Resp: 103715
Ion Ratio Lower Upper
41 100
69 90.6 72.0 108.0
39 65.5 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

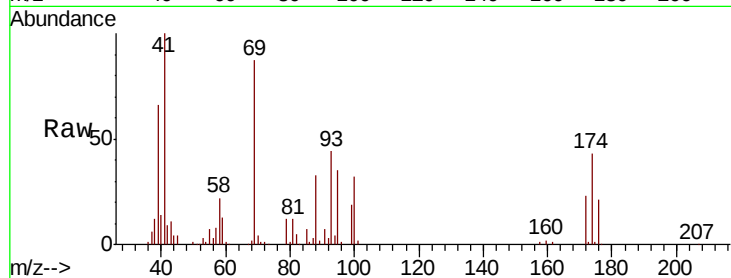




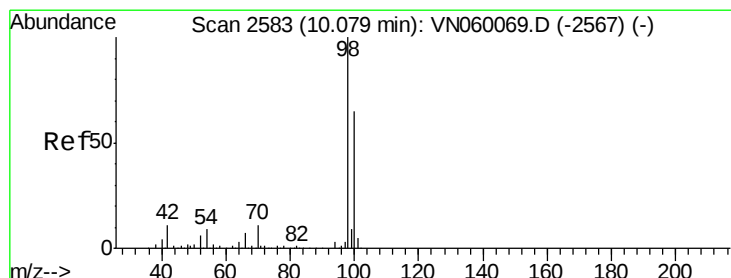
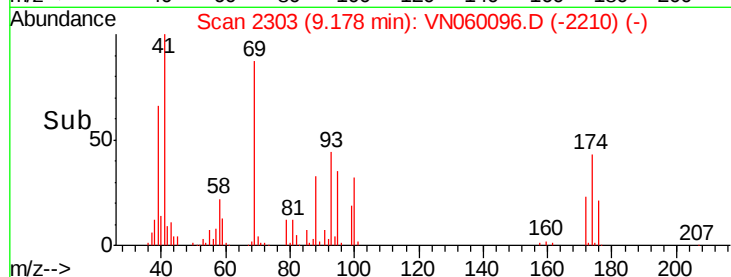
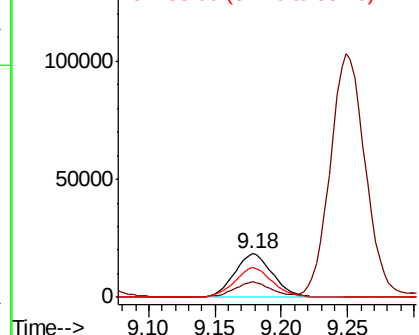
#49
1,4-Dioxane
Concen: 1103.009 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 37385
Ion Ratio Lower Upper
88 100
43 31.6 26.2 39.2
58 67.3 53.2 79.8

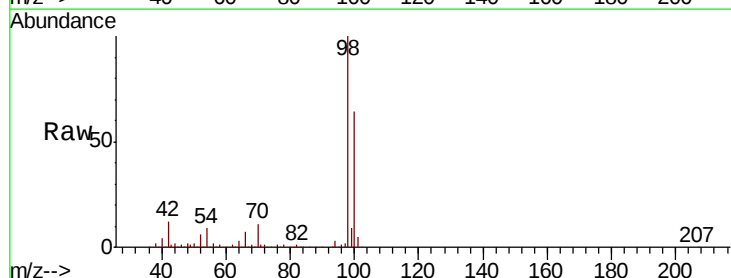


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

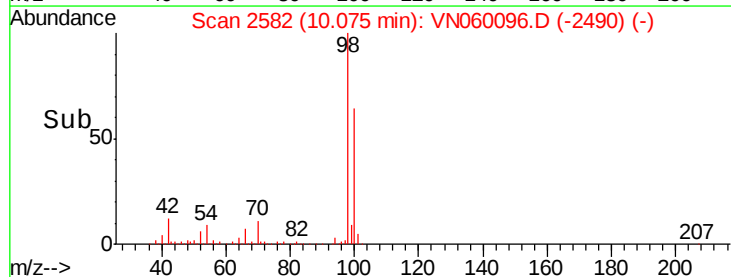
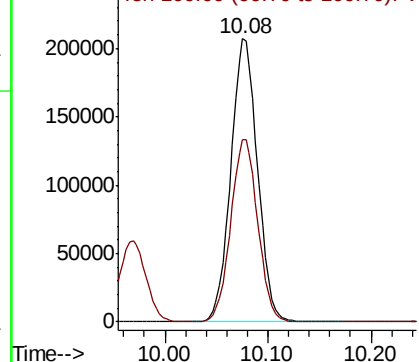


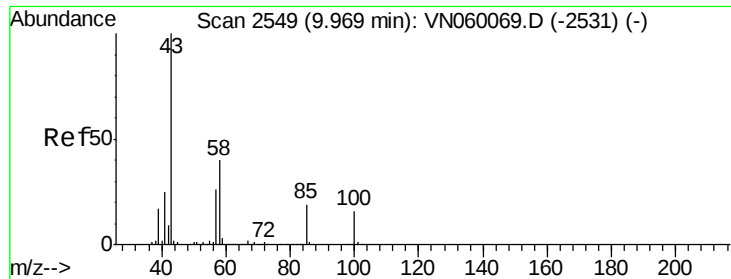
#50
Toluene-d8
Concen: 49.834 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 98 Resp: 372724
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 266.684 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

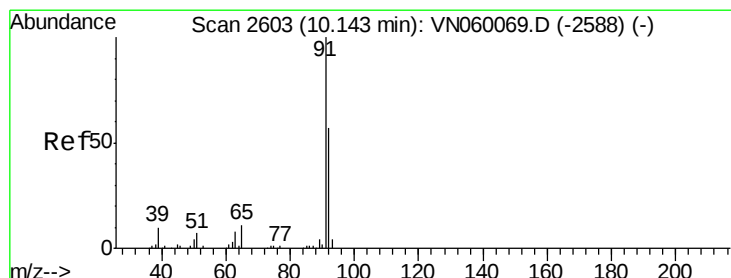
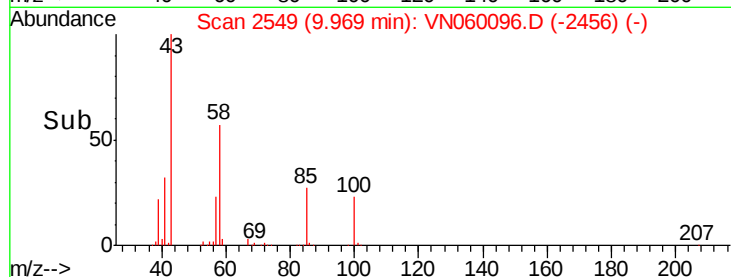
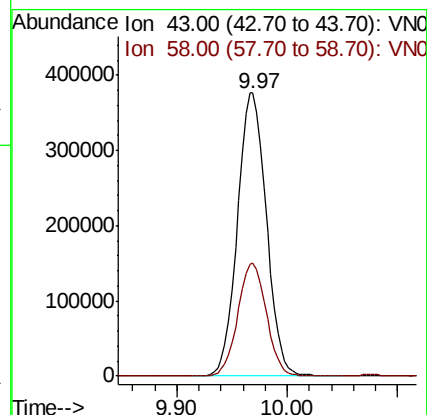
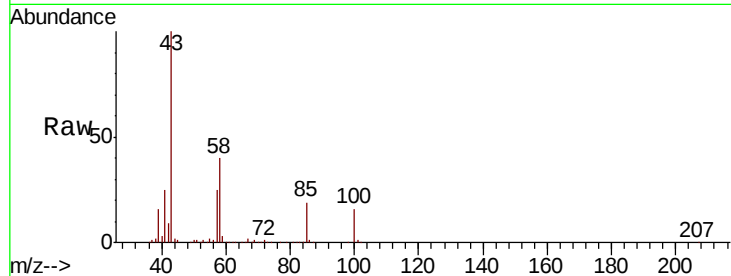
ClientSampleId :

Tot Ion: 43 Resp: 682486

Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.8



#52

Toluene

Concen: 52.610 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060096.D

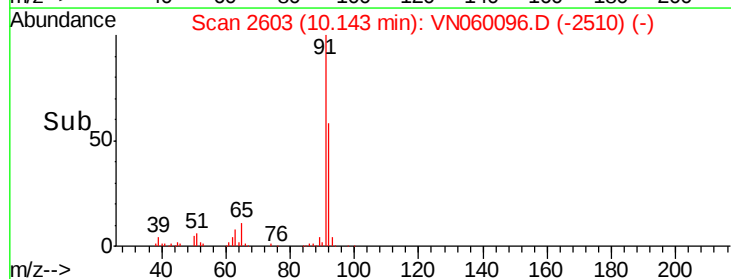
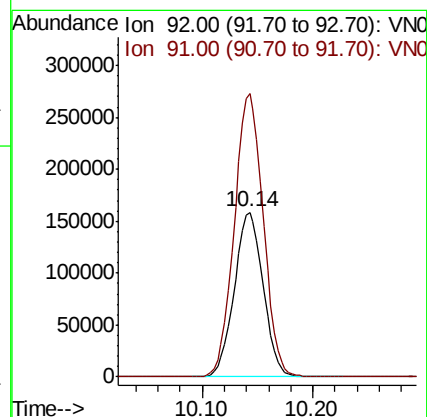
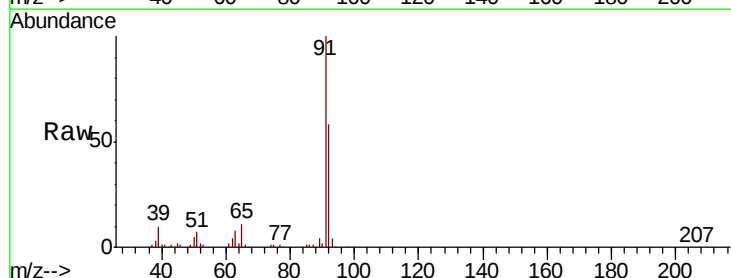
Acq: 13 Feb 2020 16:05

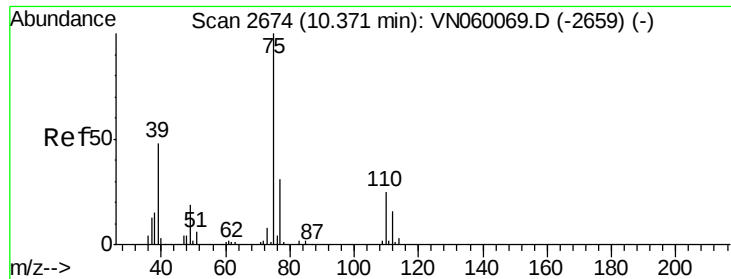
Tgt Ion: 92 Resp: 286406

Ion Ratio Lower Upper

92 100

91 173.1 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 53.678 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

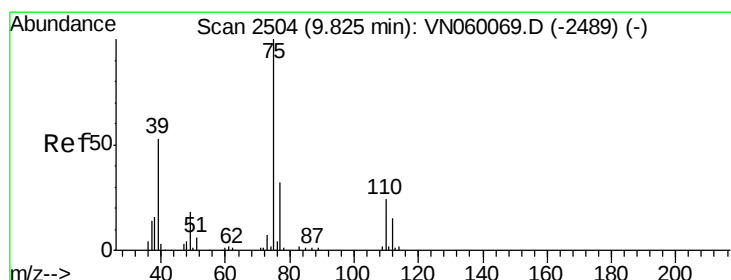
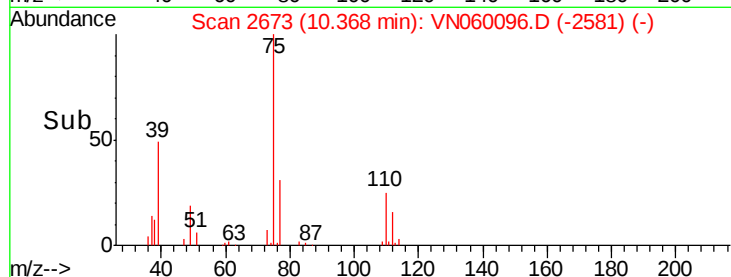
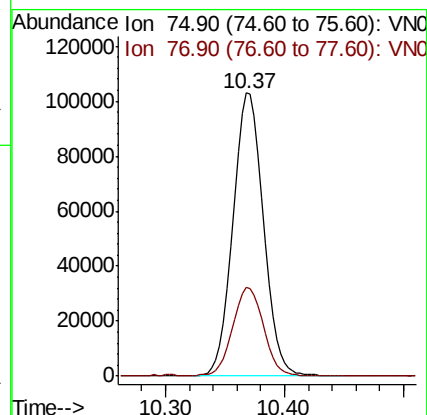
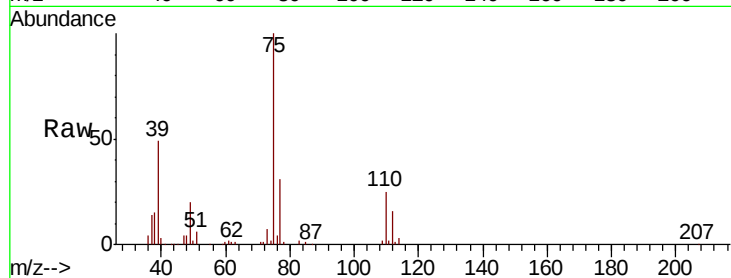
ClientSampled :

Tot Ion: 75 Resp: 182957

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.735 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

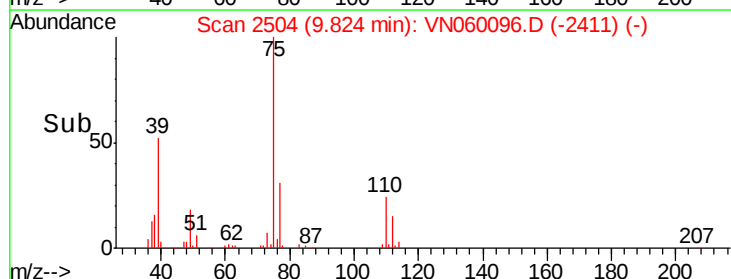
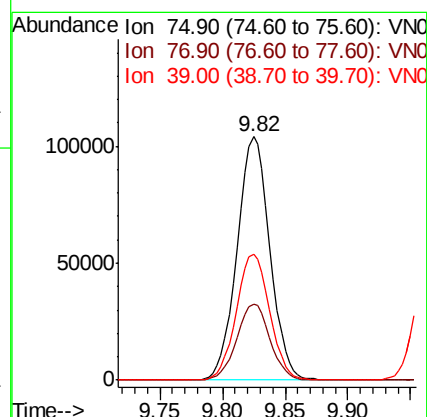
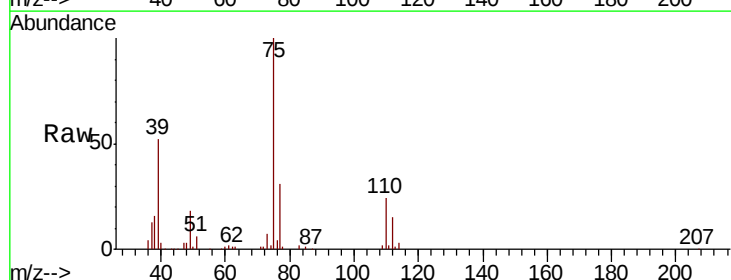
Tgt Ion: 75 Resp: 189274

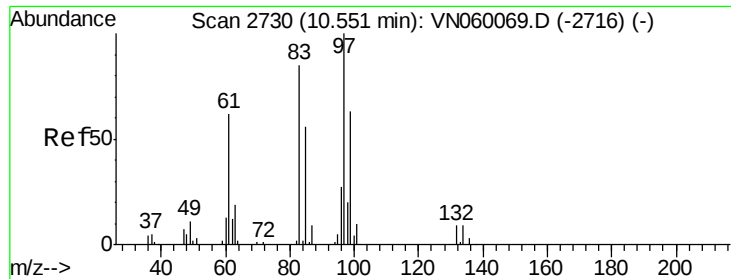
Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

39 51.8 42.2 63.4



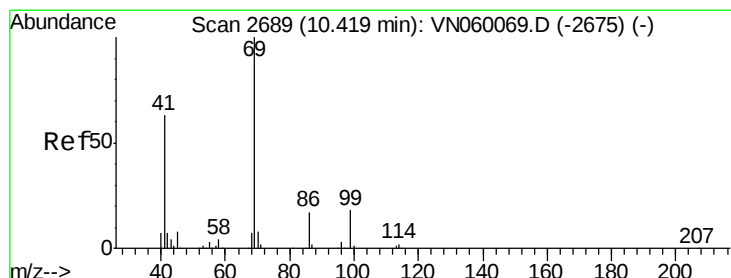
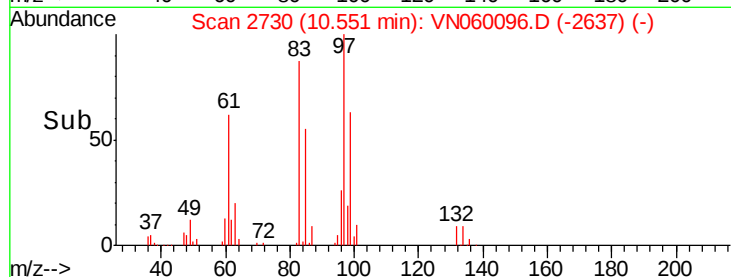
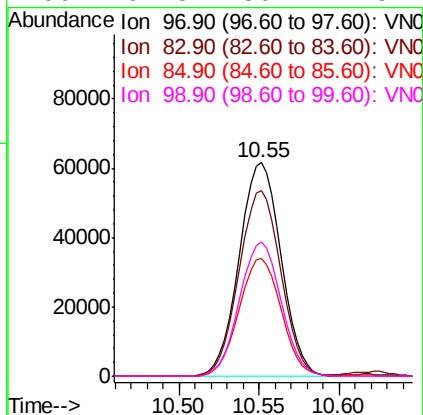
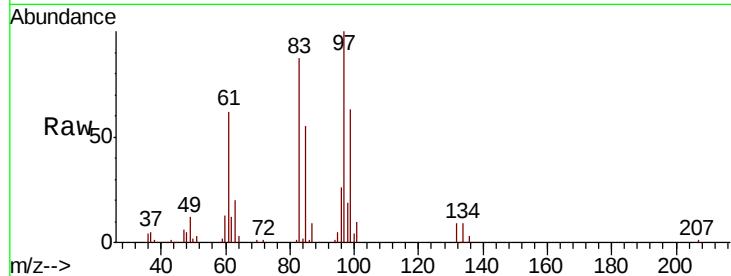


#55
 1,1,2-Trichloroethane
 Concen: 52.068 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 110584

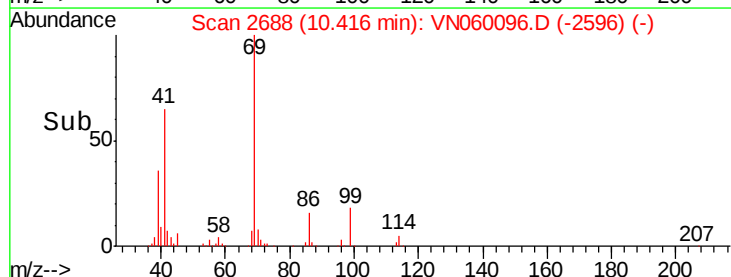
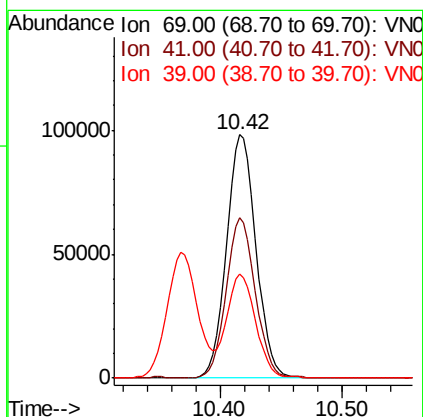
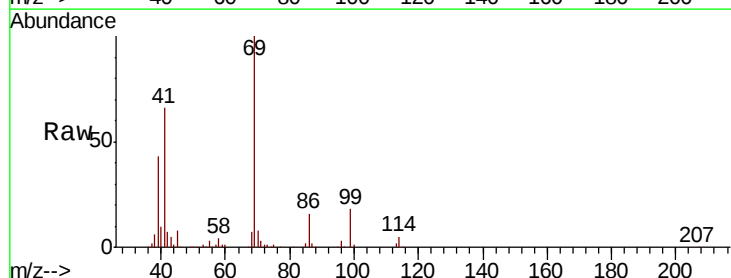
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.9	101.9
85	55.1	44.6	67.0
99	62.8	50.1	75.1

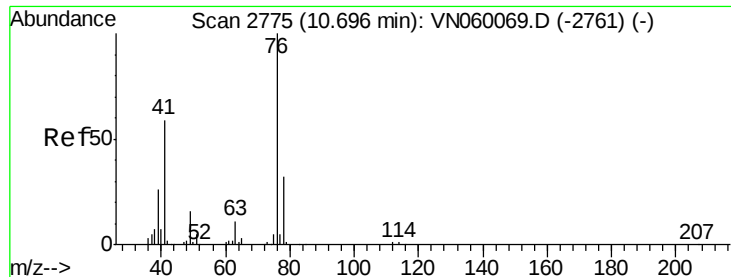


#56
 Ethyl methacrylate
 Concen: 55.239 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

Tgt Ion: 69 Resp: 165959

Ion	Ratio	Lower	Upper
69	100		
41	64.8	51.1	76.7
39	42.5	33.8	50.8





#57

1,3-Dichloropropane

Concen: 52.115 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

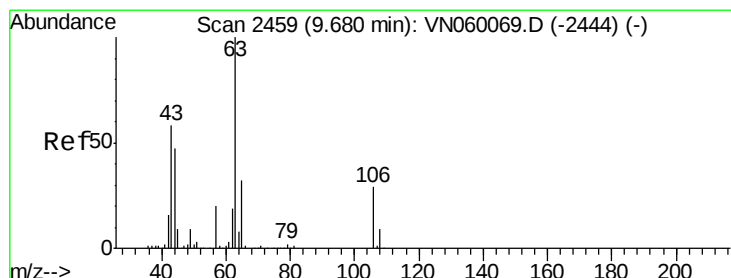
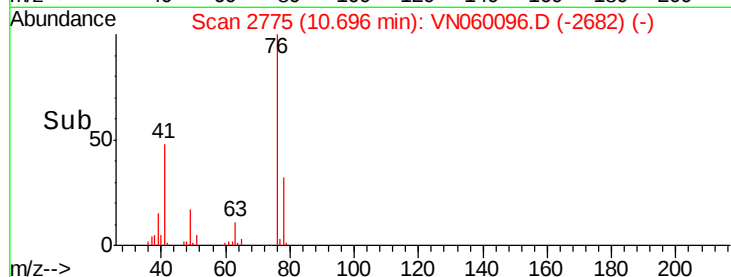
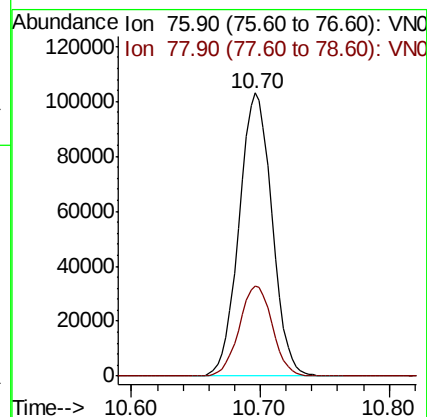
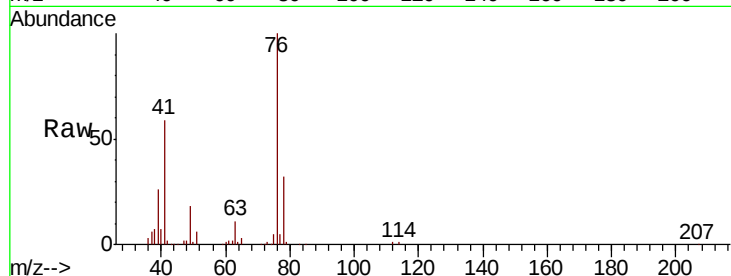
ClientSampled :

Tot Ion: 76 Resp: 182636

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 305.876 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060096.D

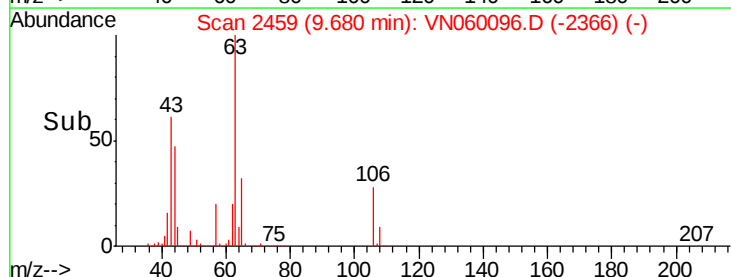
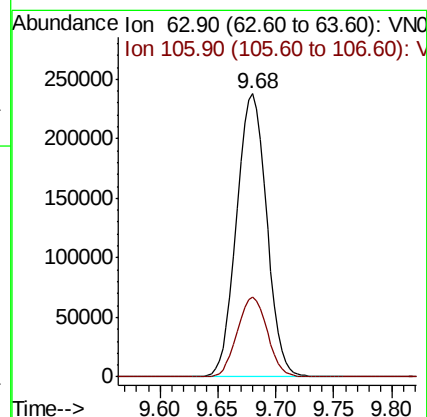
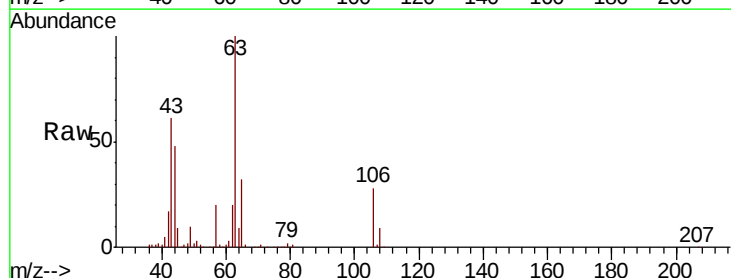
Acq: 13 Feb 2020 16:05

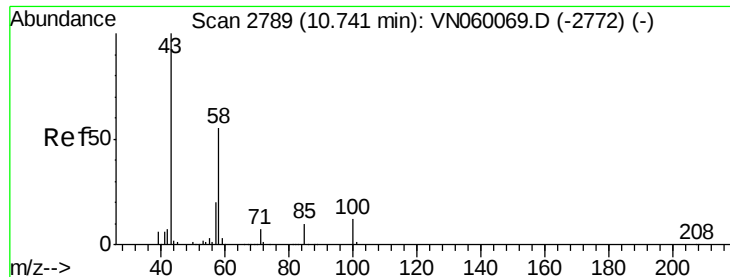
Tgt Ion: 63 Resp: 428123

Ion Ratio Lower Upper

63 100

106 28.1 22.9 34.3

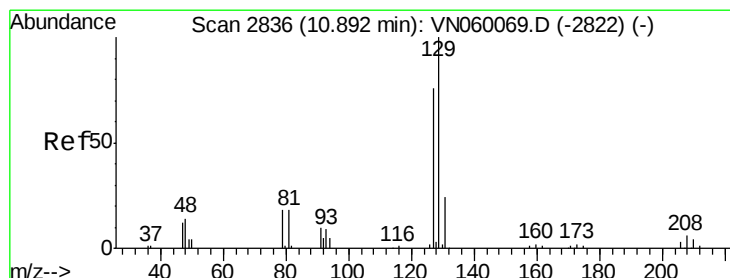
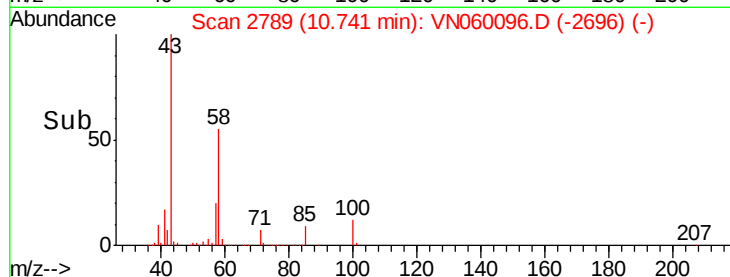
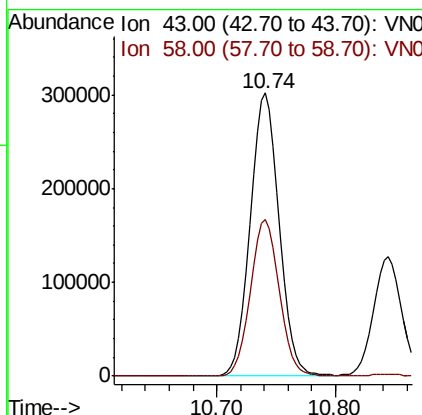
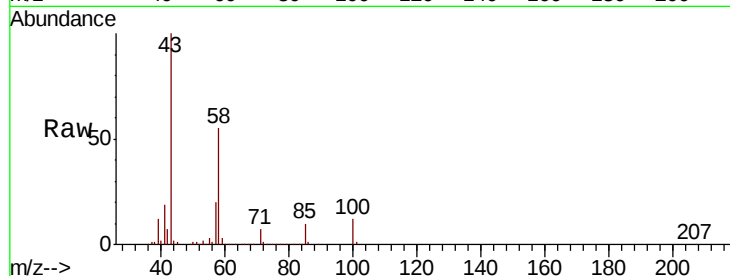




#59
2-Hexanone
Concen: 255.707 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

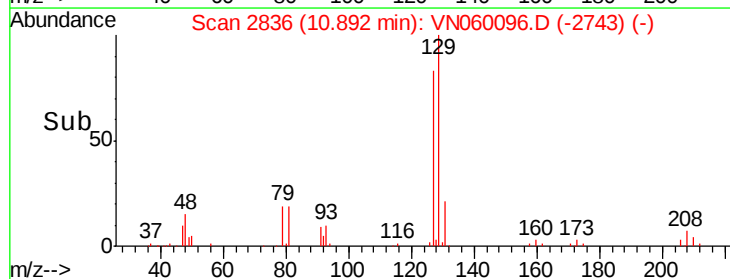
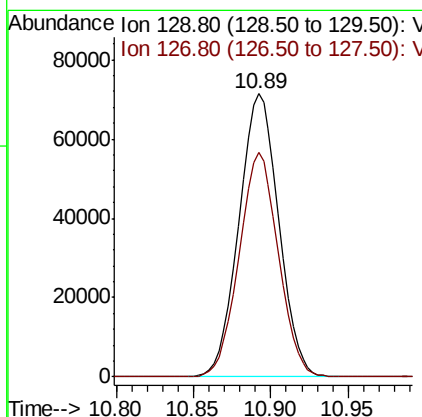
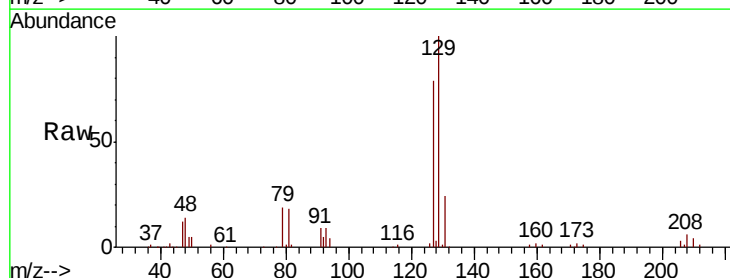
Instrument :
MSVOA_N
ClientSampled :

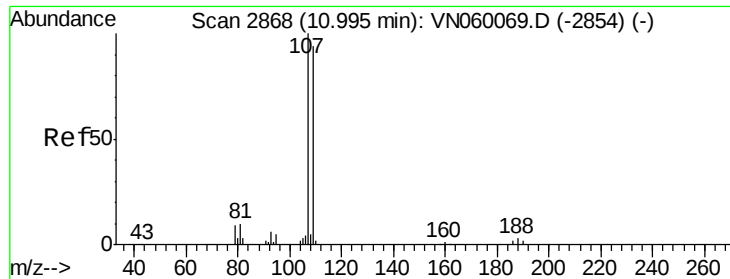
Tot Ion: 43 Resp: 505502
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.4



#60
Dibromochloromethane
Concen: 52.377 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 129 Resp: 127653
Ion Ratio Lower Upper
129 100
127 78.2 38.0 114.1

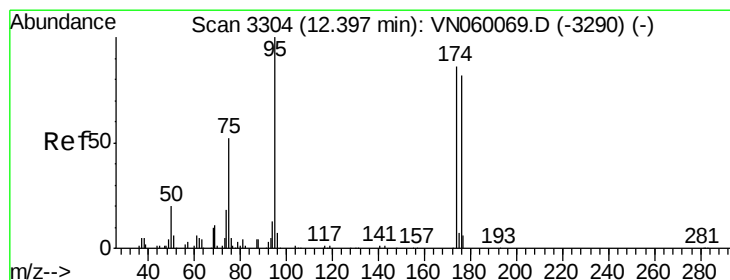
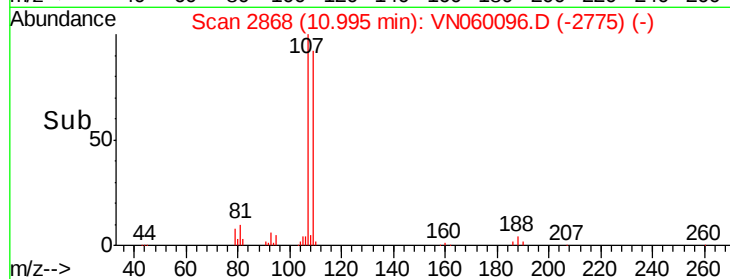
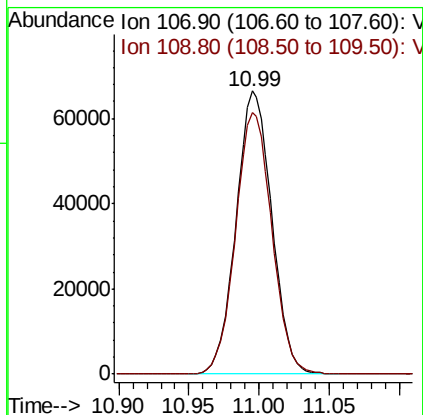
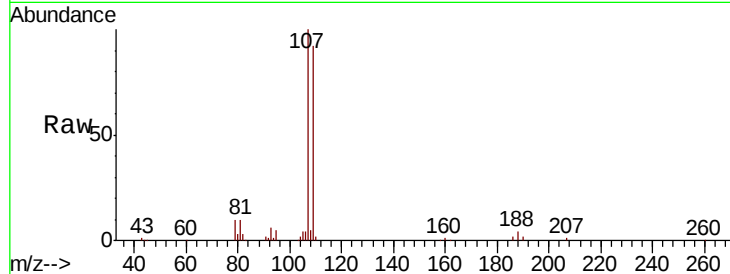




#61
 1,2-Dibromoethane
 Concen: 53.077 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

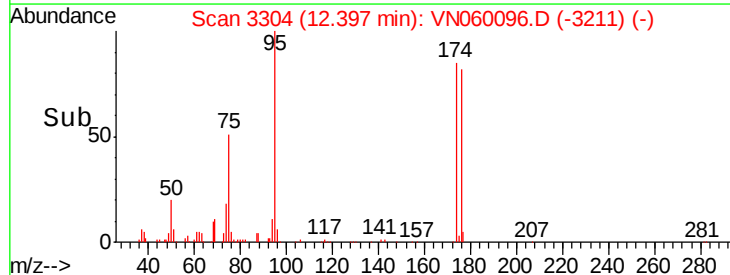
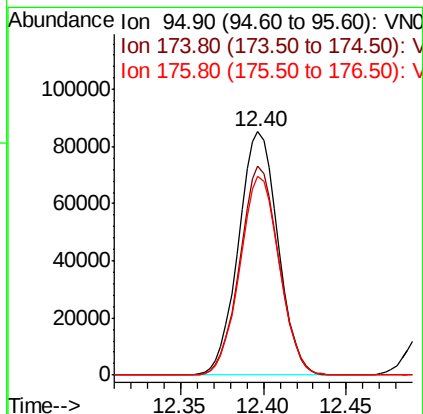
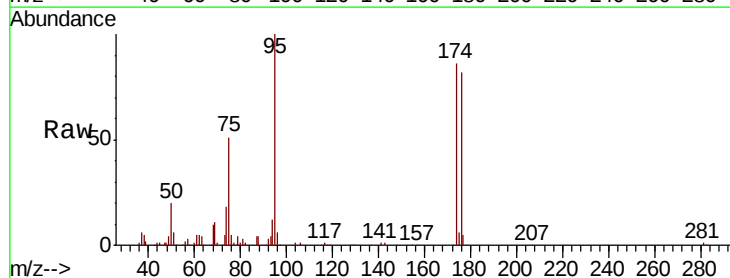
Instrument :
 MSVOA_N
 ClientSampled :

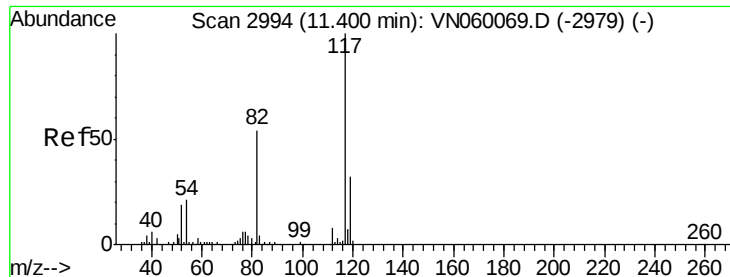
Tot Ion: 107 Resp: 118169
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 51.337 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

Tgt Ion: 95 Resp: 141088
 Ion Ratio Lower Upper
 95 100
 174 84.8 0.0 169.8
 176 81.8 0.0 164.8

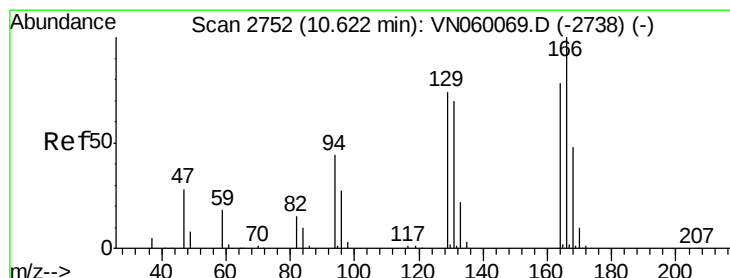
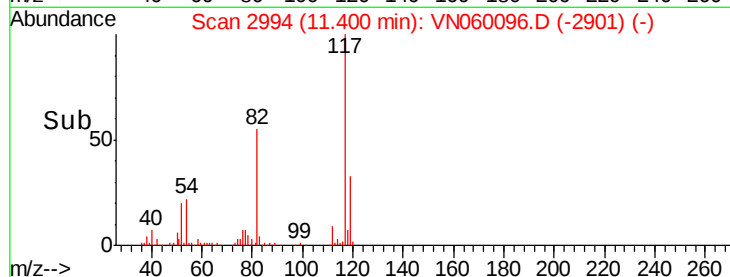
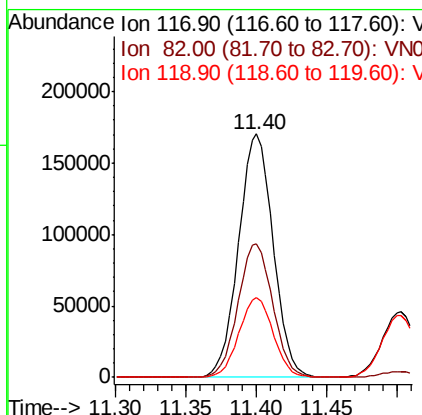
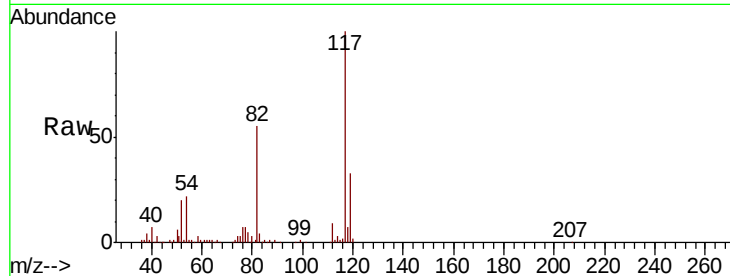




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

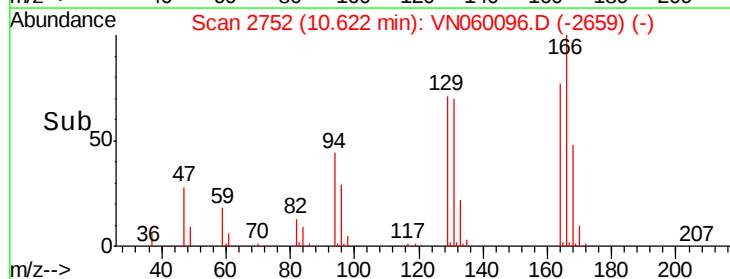
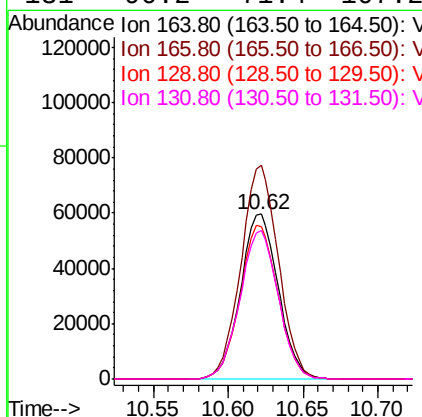
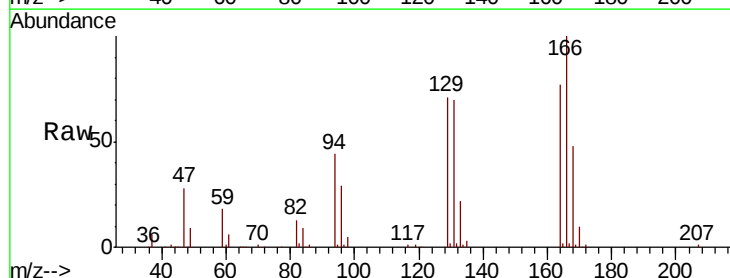
Instrument :
MSVOA_N
ClientSampled :

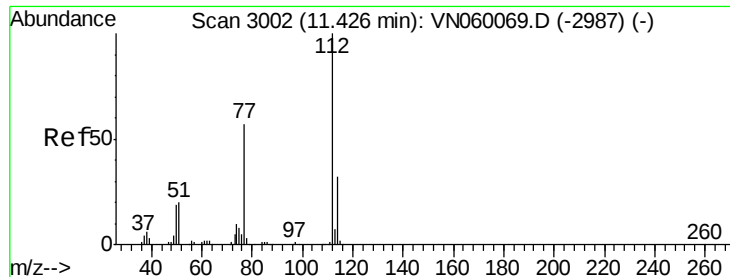
Tot Ion:117 Resp: 292431
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 47.296 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion:164 Resp: 105141
Ion Ratio Lower Upper
164 100
166 129.5 101.9 152.9
129 92.6 75.4 113.0
131 90.2 71.4 107.2

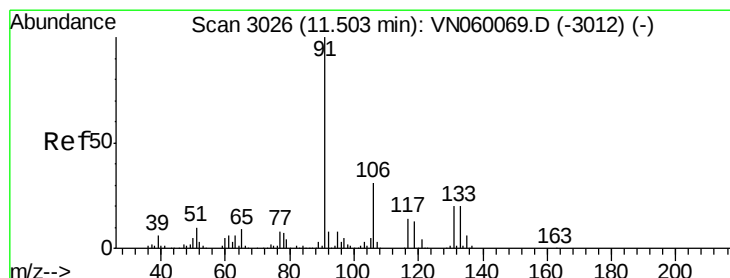
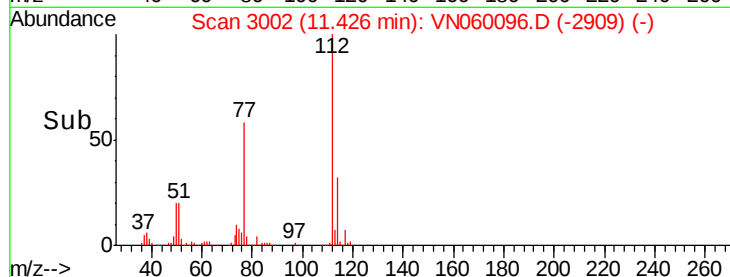
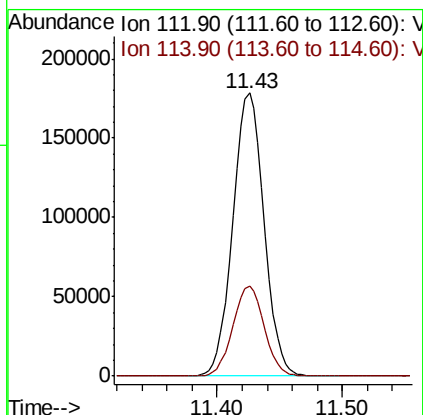
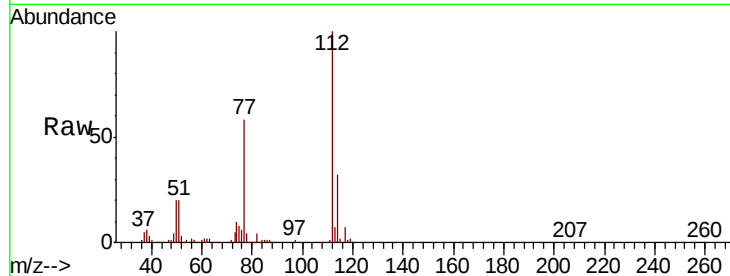




#65
Chlorobenzene
Concen: 51.721 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

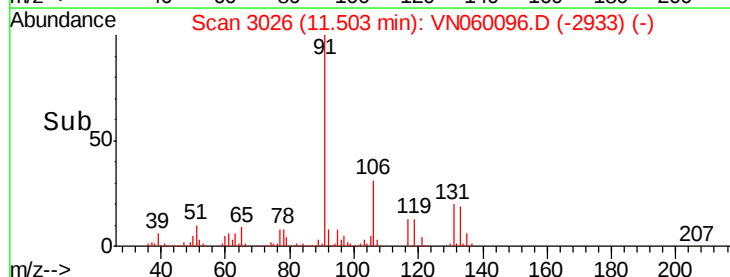
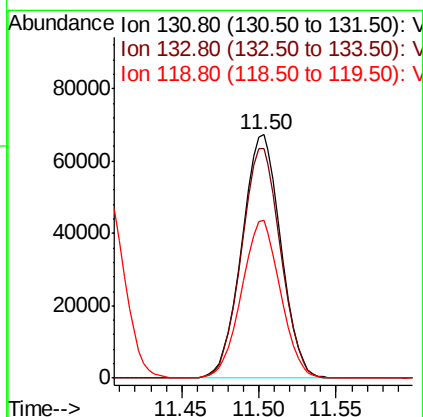
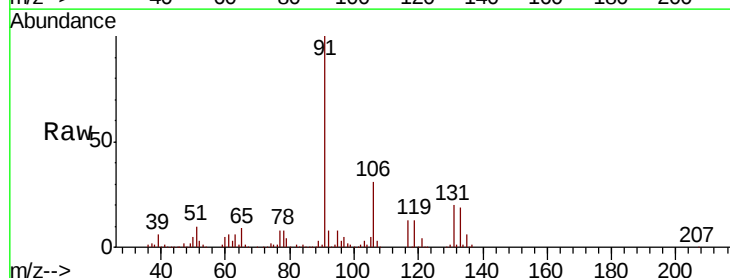
Instrument :
MSVOA_N
ClientSampleId :

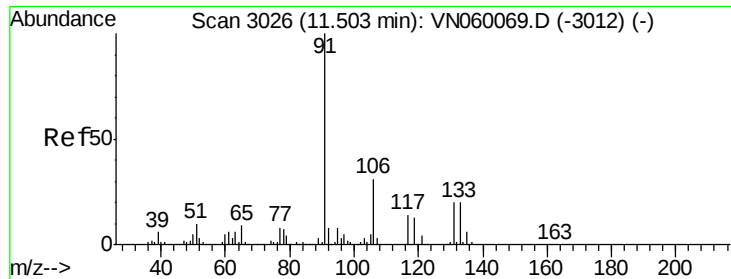
Tot Ion:112 Resp: 308145
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.450 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion:131 Resp: 118214
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 64.4 32.6 97.7

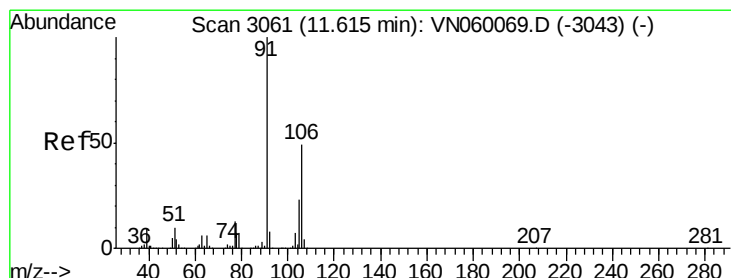
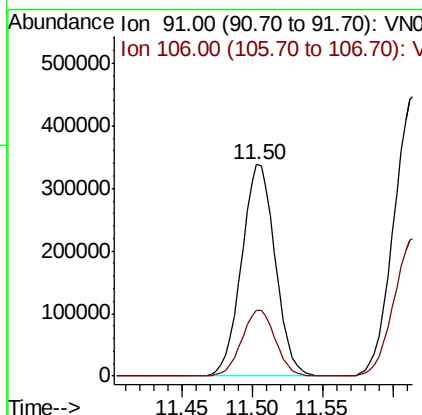
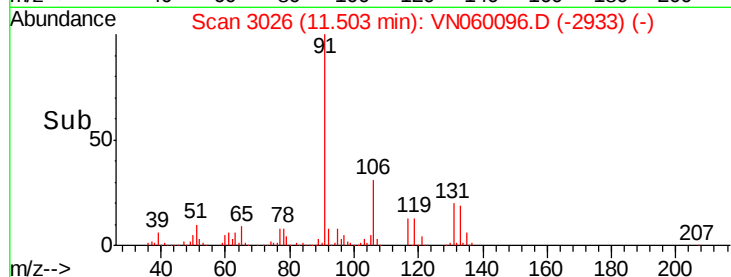
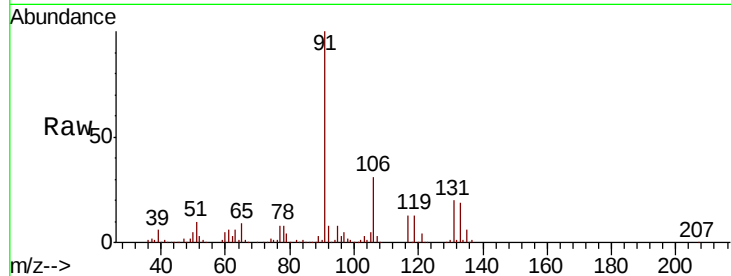




#67
Ethyl Benzene
Concen: 52.552 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

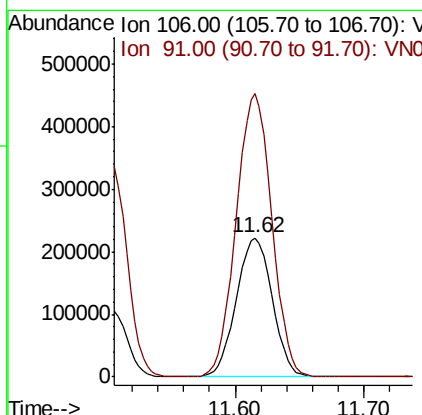
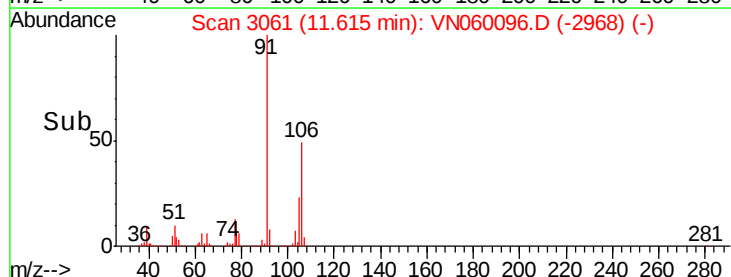
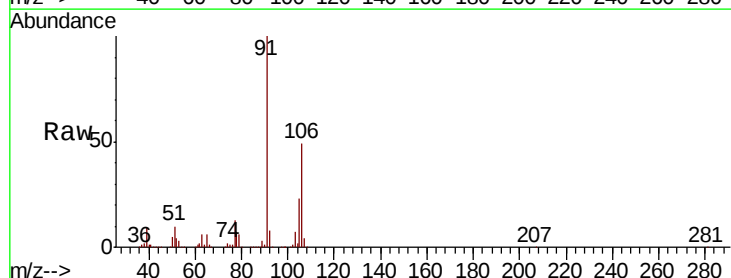
Instrument :
MSVOA_N
ClientSampled :

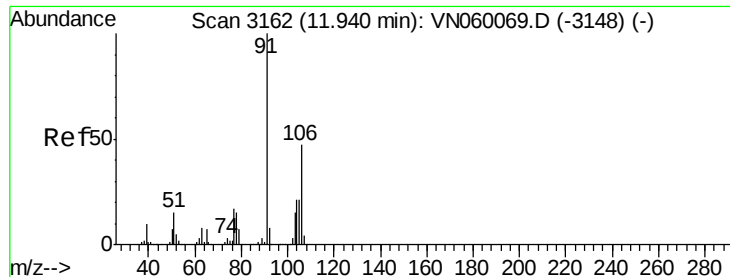
Tot Ion: 91 Resp: 564692
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 106.754 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 106 Resp: 430531
Ion Ratio Lower Upper
106 100
91 201.9 162.7 244.1

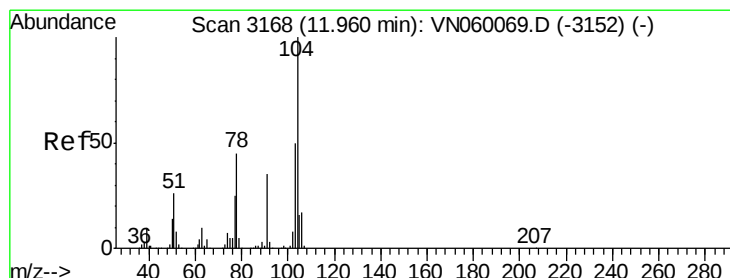
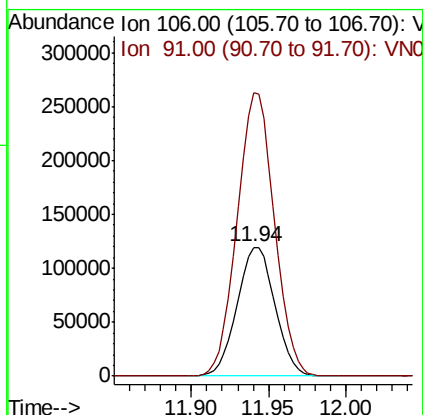
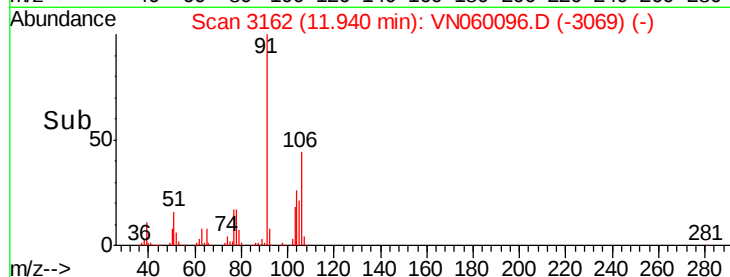
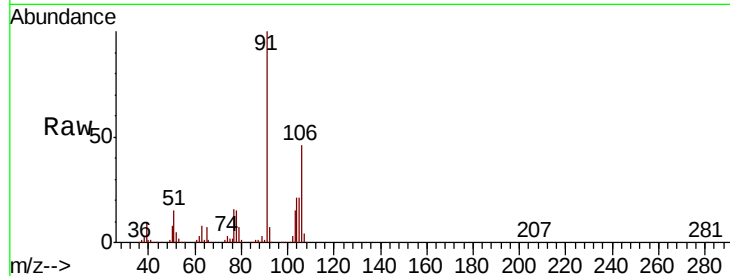




#69
o-Xylene
Concen: 52.449 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

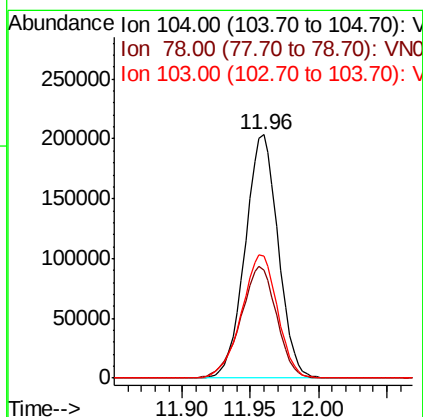
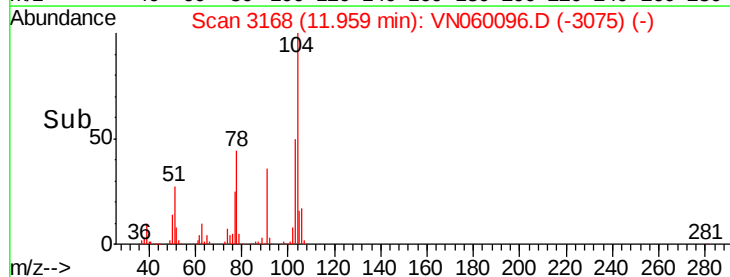
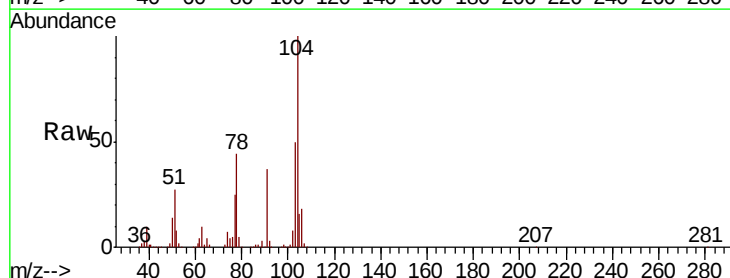
Instrument :
MSVOA_N
ClientSampleId :

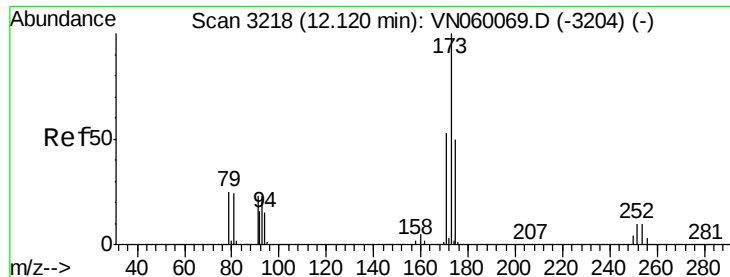
Tot Ion:106 Resp: 203664
Ion Ratio Lower Upper
106 100
91 216.3 107.2 321.6



#70
Styrene
Concen: 54.706 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion:104 Resp: 342553
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 55.2 44.3 66.5





#71

Bromoform

Concen: 53.624 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

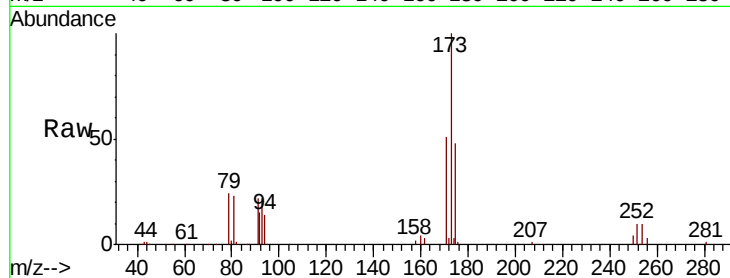
Tot Ion:173 Resp: 97209

Ion Ratio Lower Upper

173 100

175 48.4 24.9 74.6

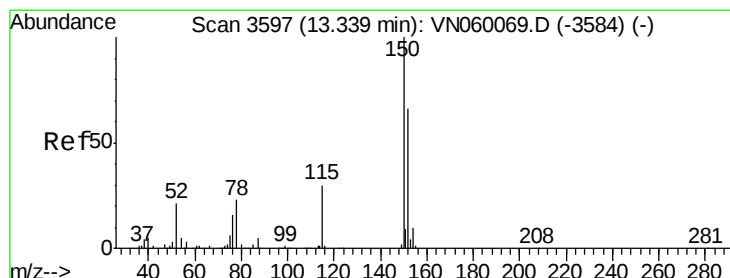
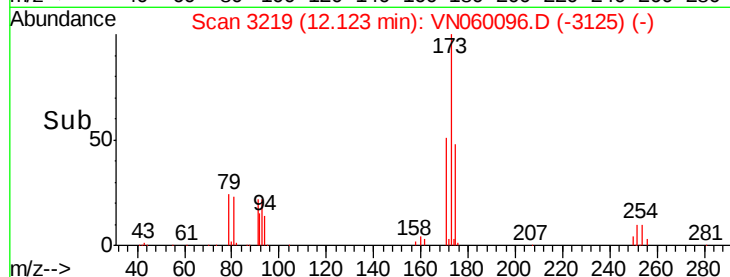
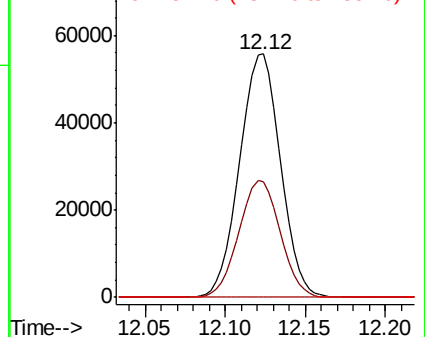
254 0.0 0.0 0.0



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: VN060096.D

Acq: 13 Feb 2020 16:05

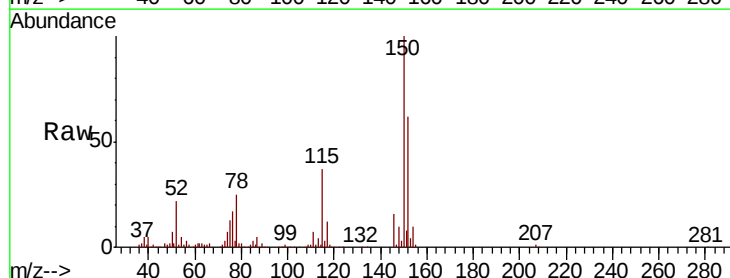
Tgt Ion:152 Resp: 151934

Ion Ratio Lower Upper

152 100

115 58.5 28.9 86.8

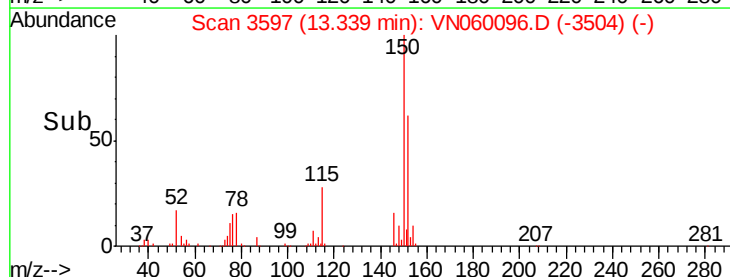
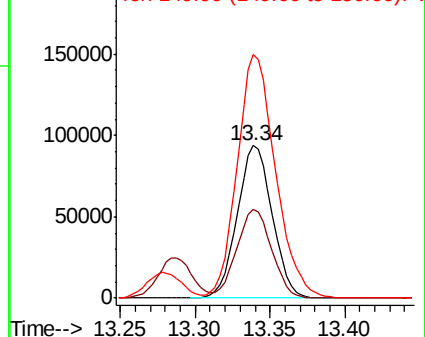
150 175.5 0.0 342.4

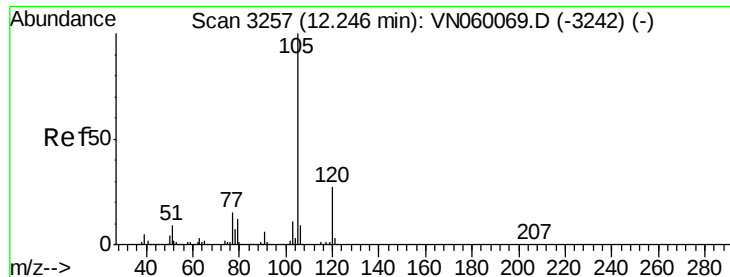


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.454 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

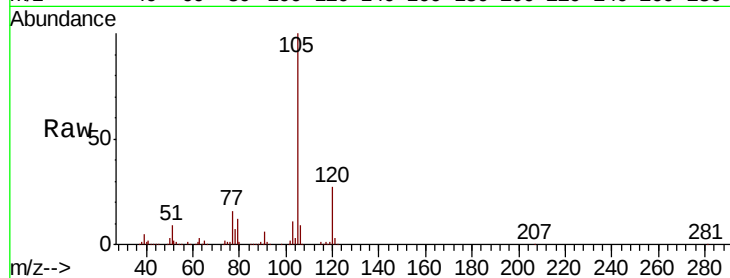
ClientSampleId :

Tot Ion: 105 Resp: 561090

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

300000

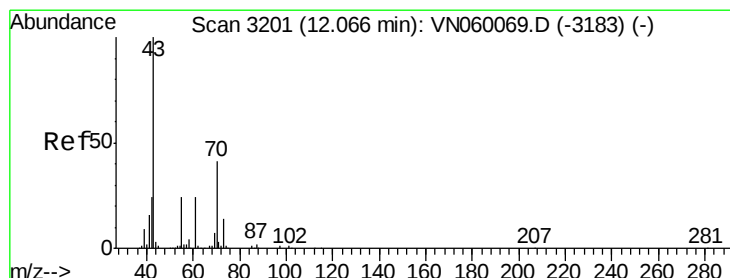
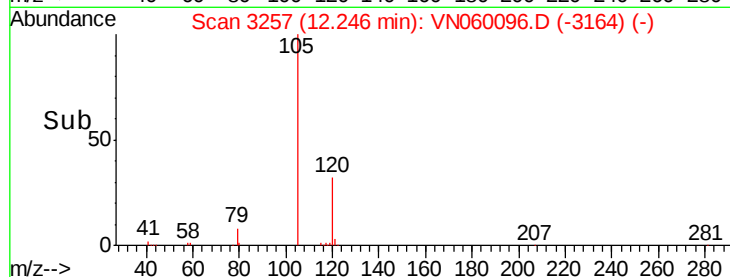
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 52.842 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Tgt Ion: 43 Resp: 216186

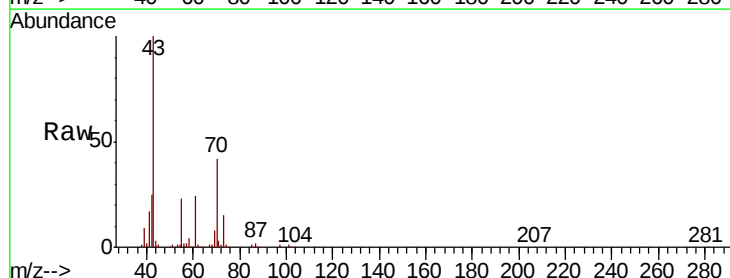
Ion Ratio Lower Upper

43 100

70 42.0 33.4 50.0

55 23.8 18.8 28.2

61 24.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

200000

150000

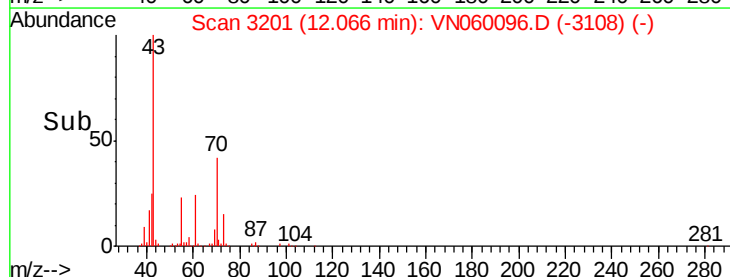
100000

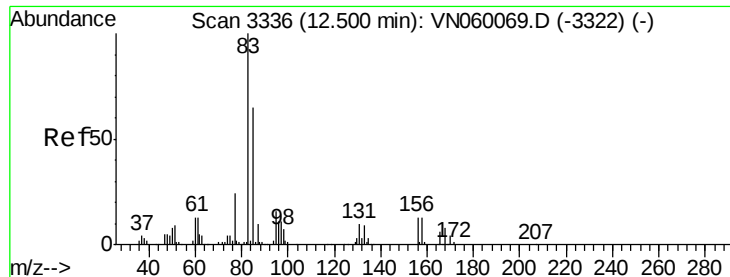
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 50.670 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

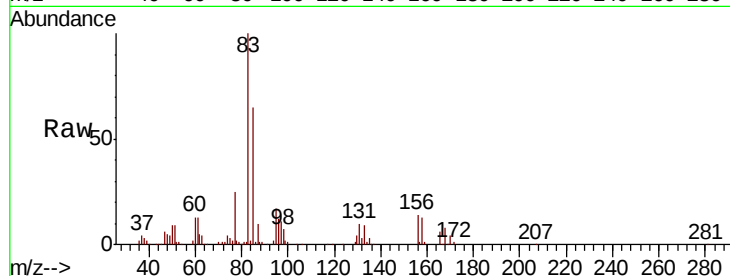
Tot Ion: 83 Resp: 165471

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

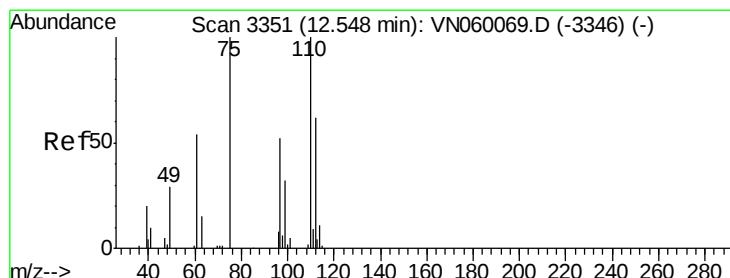
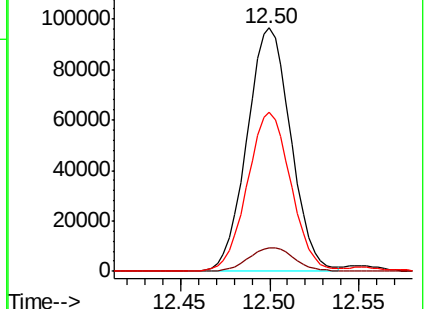
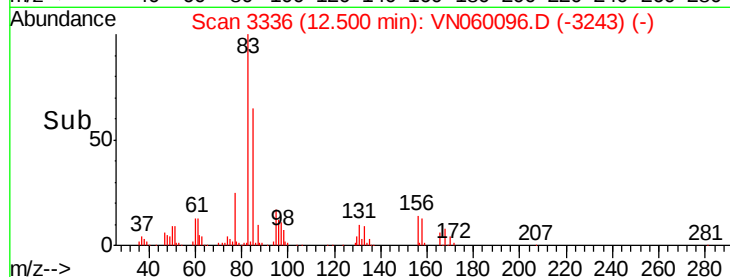
85 65.0 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060096.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060096.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060096.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 75.106 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060096.D

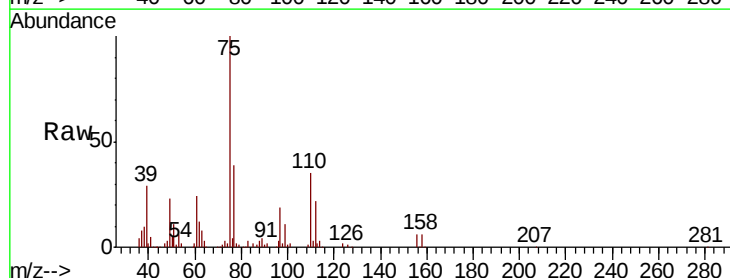
Acq: 13 Feb 2020 16:05

Tgt Ion: 75 Resp: 218320

Ion Ratio Lower Upper

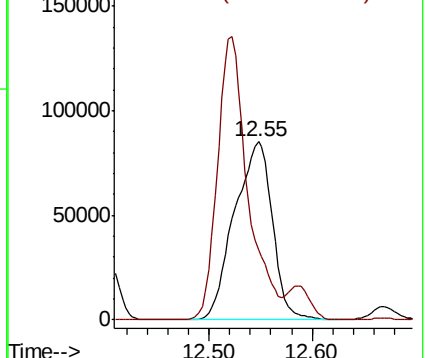
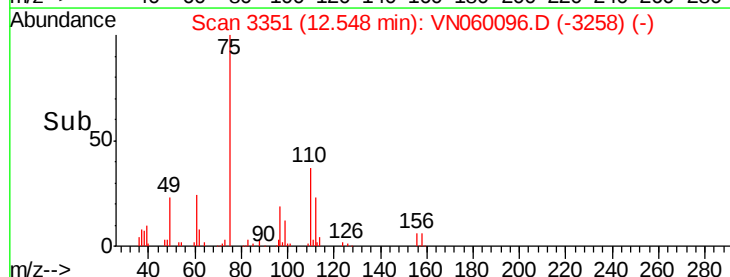
75 100

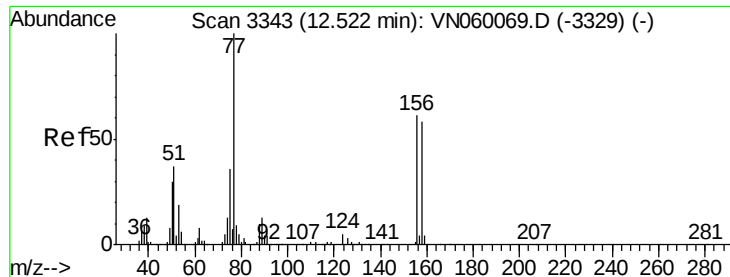
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060096.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060096.D (-3346) (-)





#77

Bromobenzene

Concen: 49.353 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

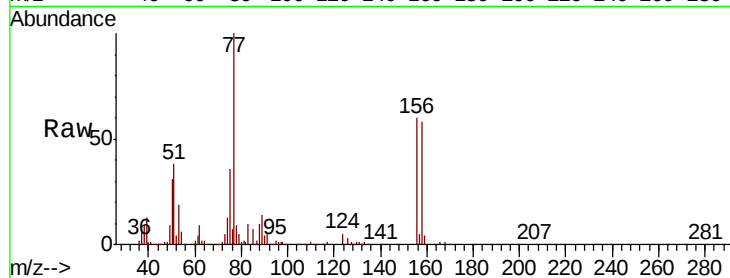
Tot Ion:156 Resp: 138960

Ion Ratio Lower Upper

156 100

77 199.5 98.7 296.1

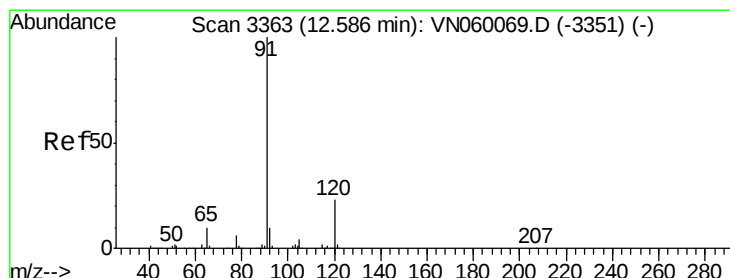
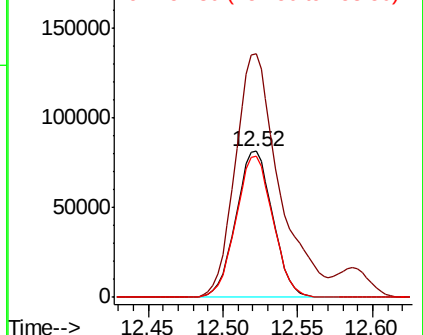
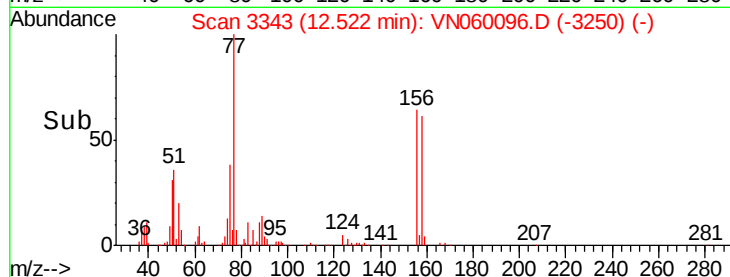
158 97.1 48.1 144.4



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: 50.114 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060096.D

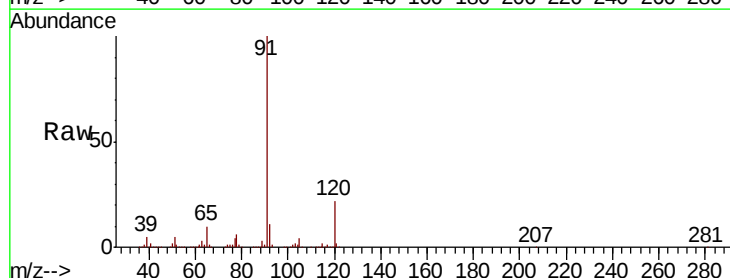
Acq: 13 Feb 2020 16:05

Tgt Ion: 91 Resp: 647788

Ion Ratio Lower Upper

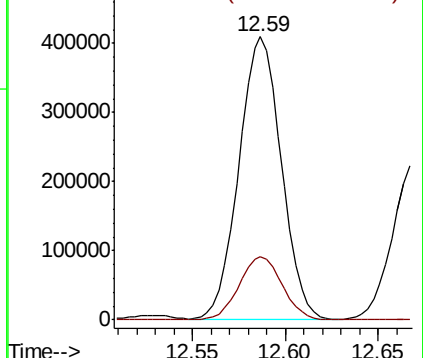
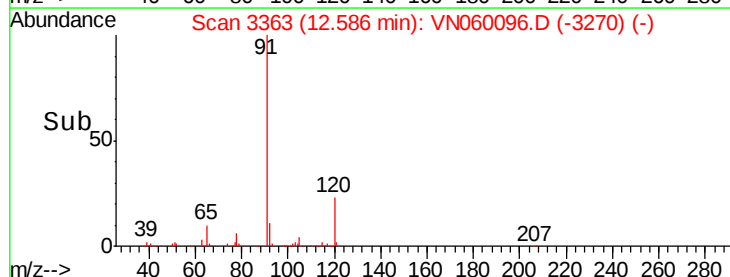
91 100

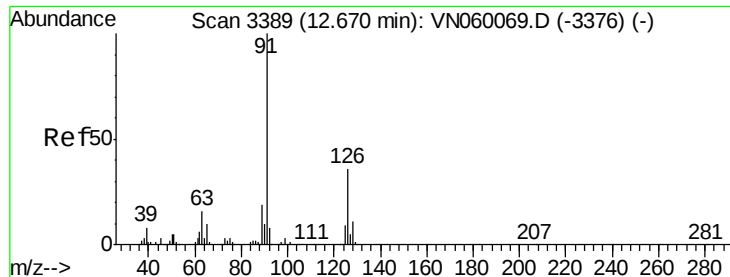
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.512 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

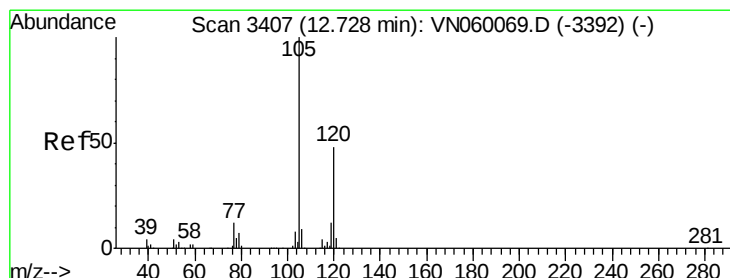
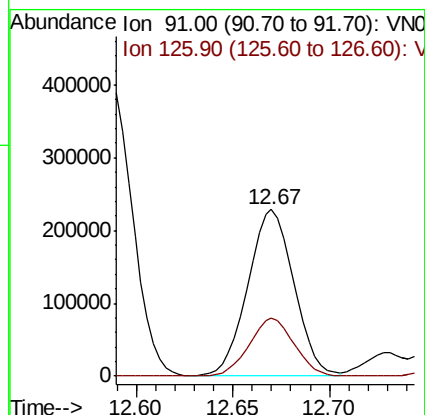
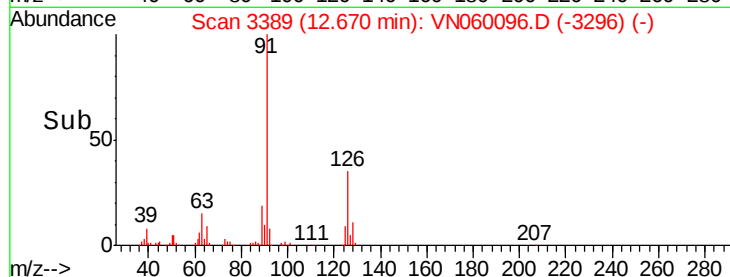
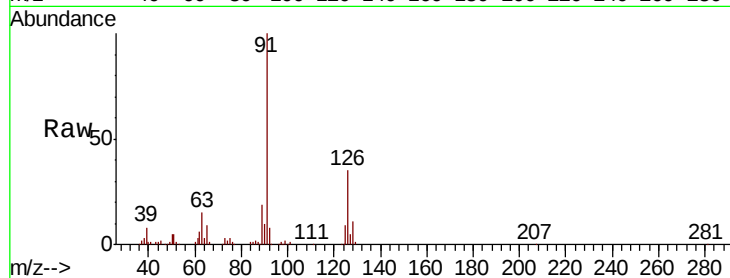
ClientSampleId :

Tot Ion: 91 Resp: 376184

Ion Ratio Lower Upper

91 100

126 34.4 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 50.585 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060096.D

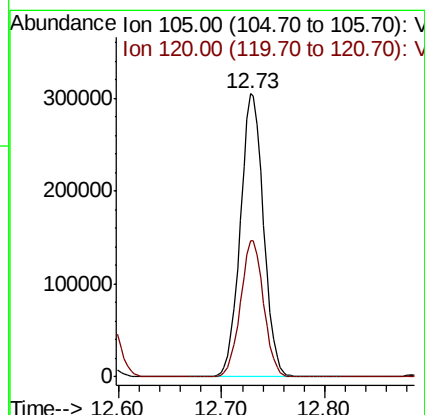
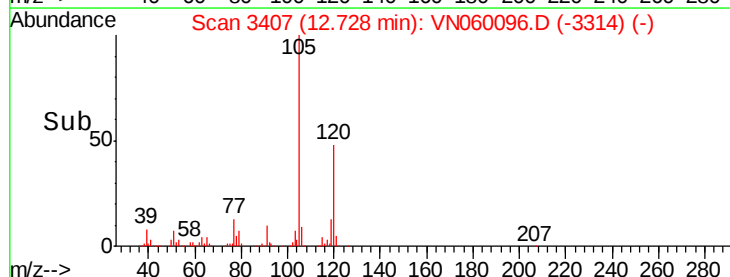
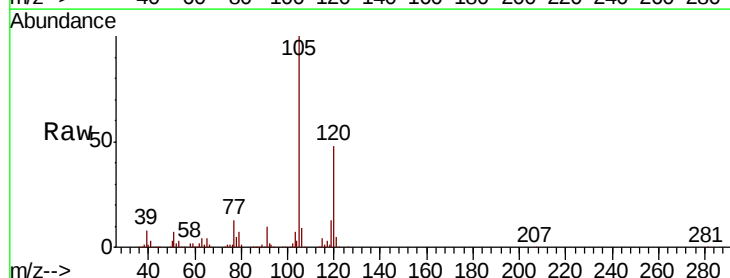
Acq: 13 Feb 2020 16:05

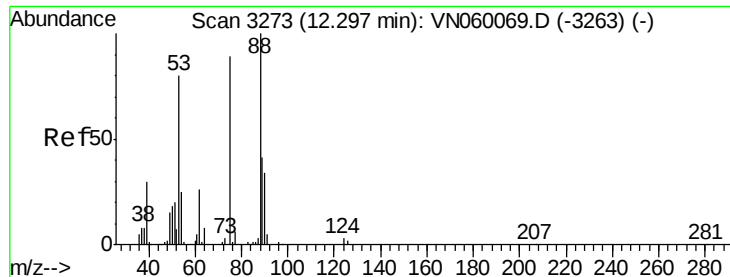
Tgt Ion: 105 Resp: 477190

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 52.186 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

ClientSampled :

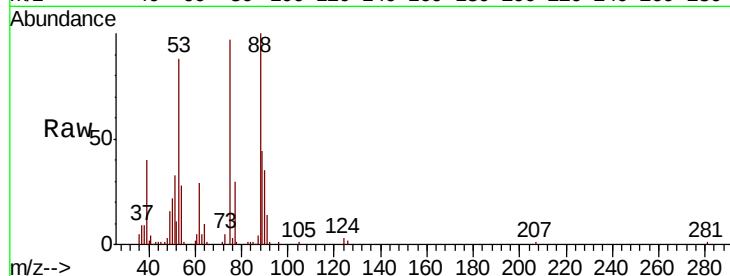
Tot Ion: 75 Resp: 61954

Ion Ratio Lower Upper

75 100

53 92.0 73.9 110.9

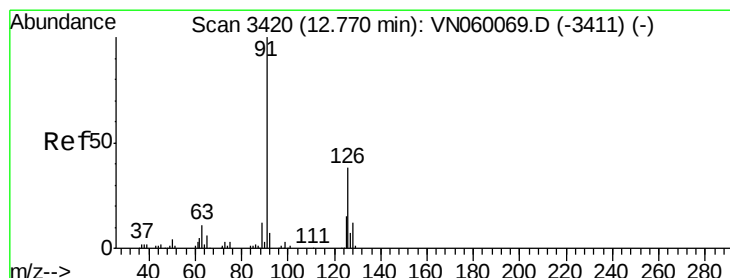
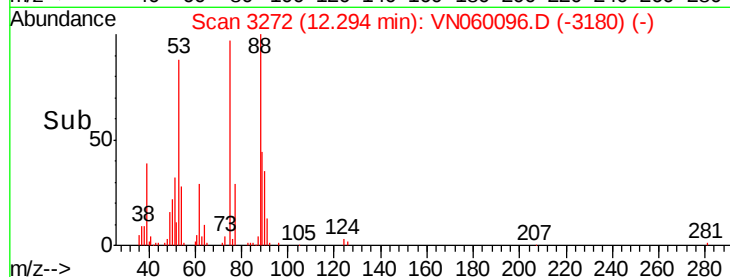
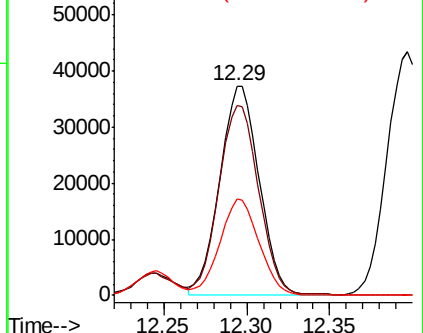
89 45.5 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3263) (-)

Ion 53.00 (52.70 to 53.70): VN060069.D (-3263) (-)

Ion 88.90 (88.60 to 89.60): VN060069.D (-3263) (-)



#82

4-Chlorotoluene

Concen: 50.500 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN060096.D

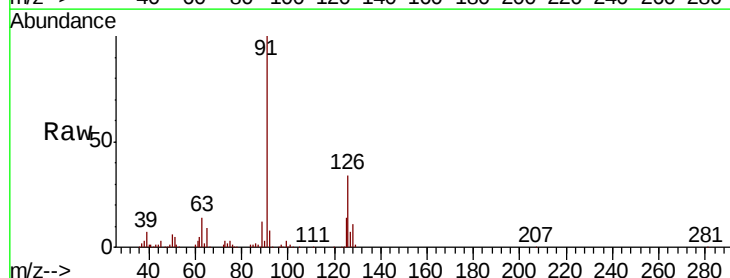
Acq: 13 Feb 2020 16:05

Tgt Ion: 91 Resp: 393649

Ion Ratio Lower Upper

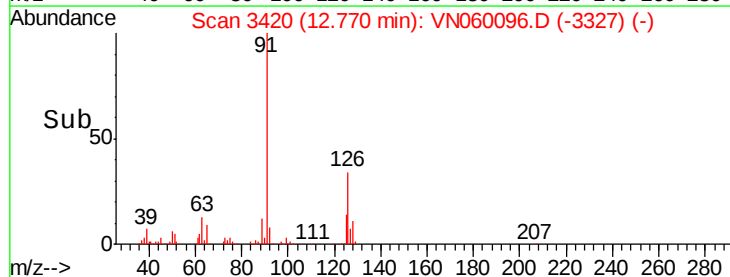
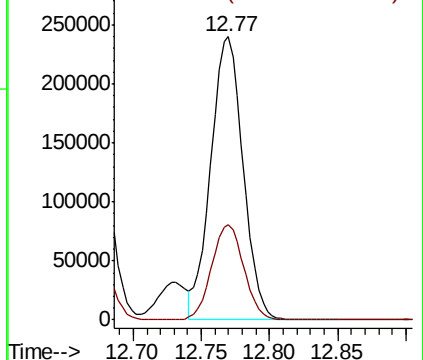
91 100

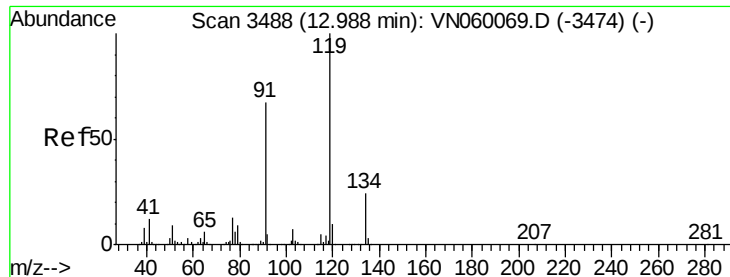
126 33.6 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3411) (-)

Ion 125.90 (125.60 to 126.60): VN060069.D (-3411) (-)





#83

tert-Butylbenzene

Concen: 48.225 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

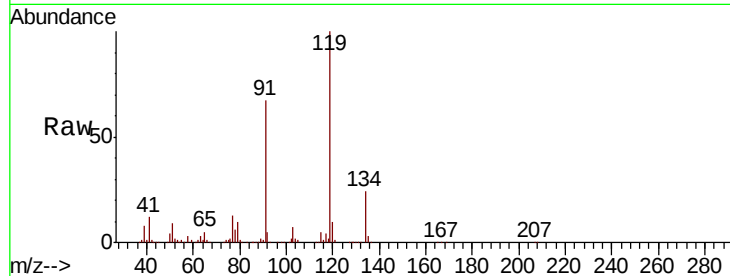
Tot Ion:119 Resp: 402435

Ion Ratio Lower Upper

119 100

91 66.3 32.7 98.1

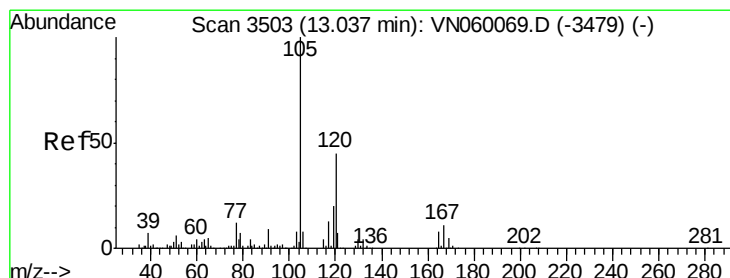
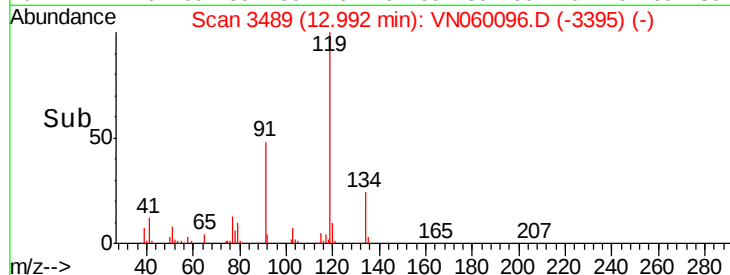
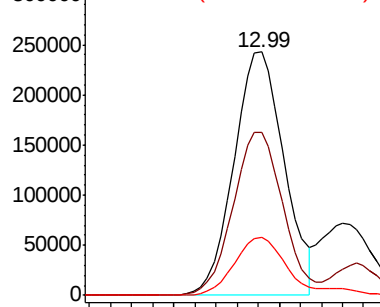
134 25.9 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.109 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN060096.D

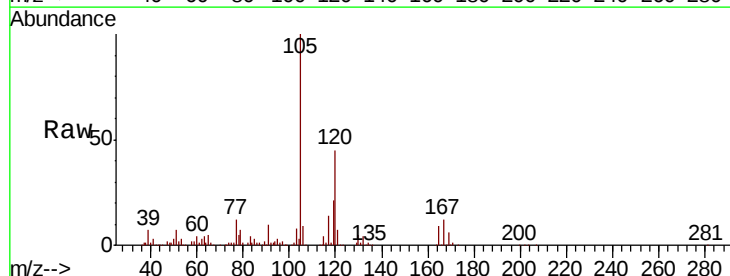
Acq: 13 Feb 2020 16:05

Tgt Ion:105 Resp: 475928

Ion Ratio Lower Upper

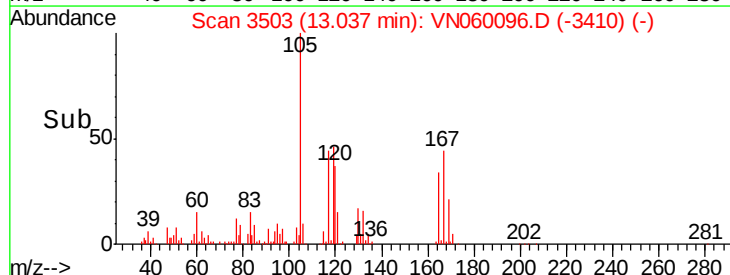
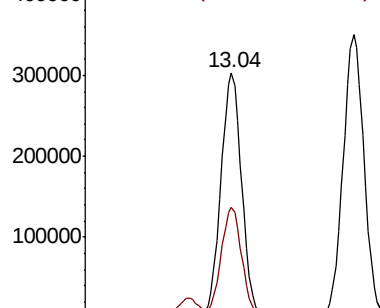
105 100

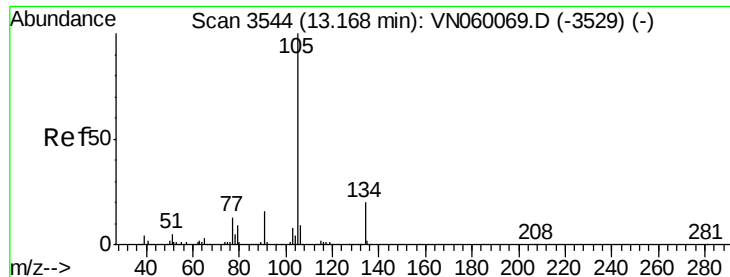
120 45.4 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.885 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

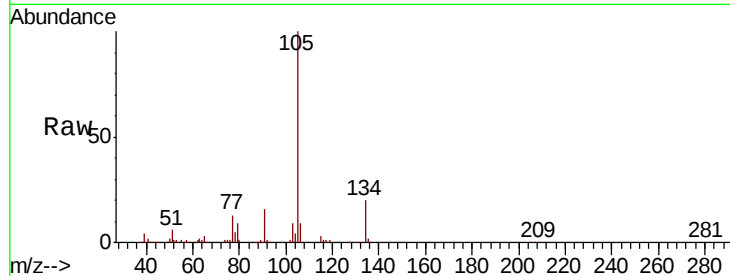
ClientSampleId :

Tot Ion:105 Resp: 551315

Ion Ratio Lower Upper

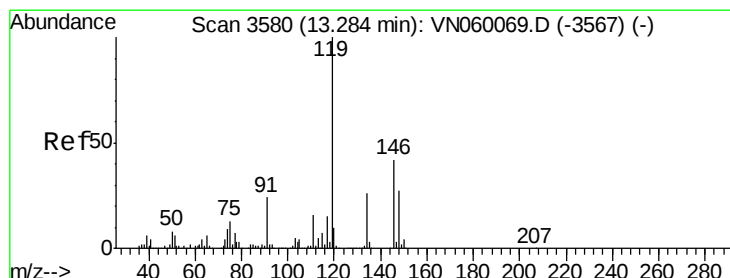
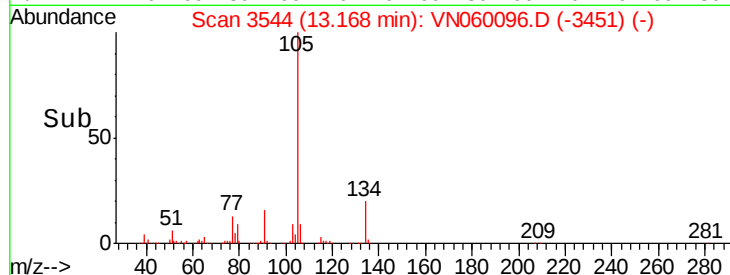
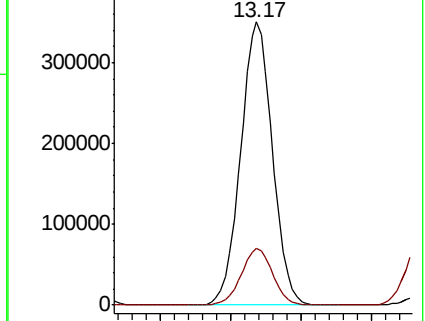
105 100

134 19.9 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.774 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

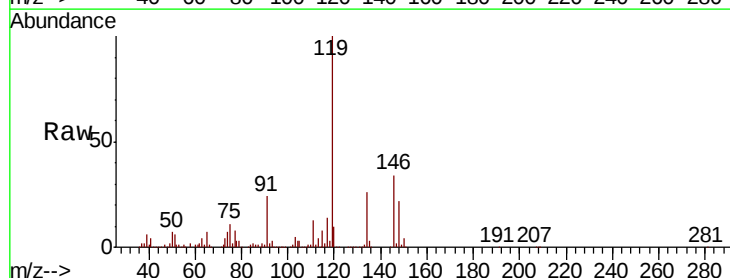
Tgt Ion:119 Resp: 508410

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

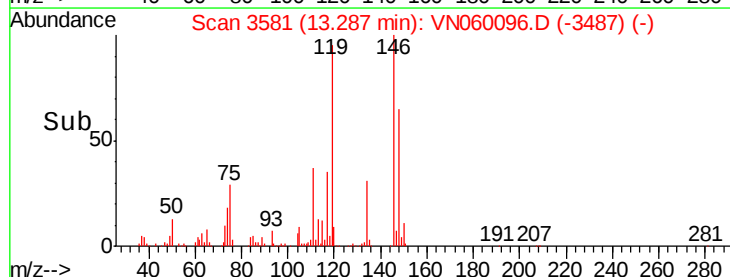
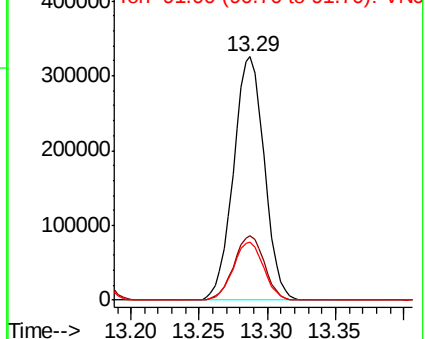
91 23.8 11.9 35.9

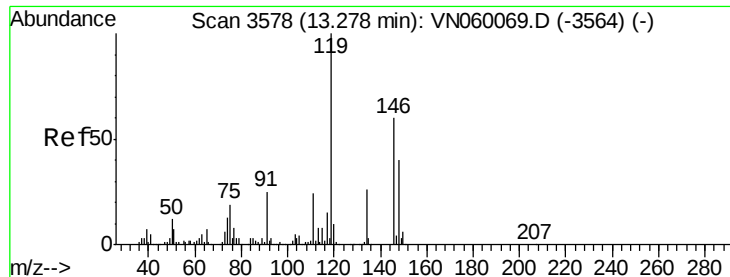


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.798 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060096.D

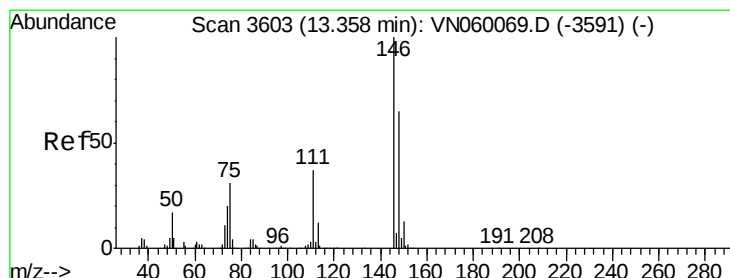
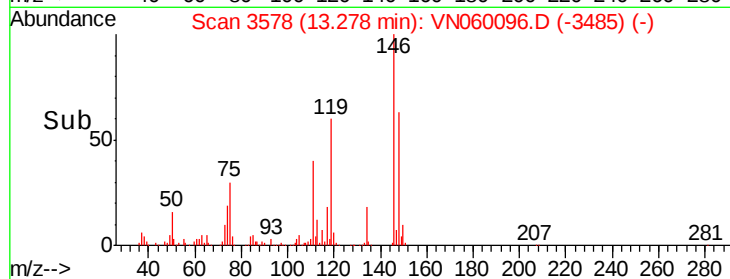
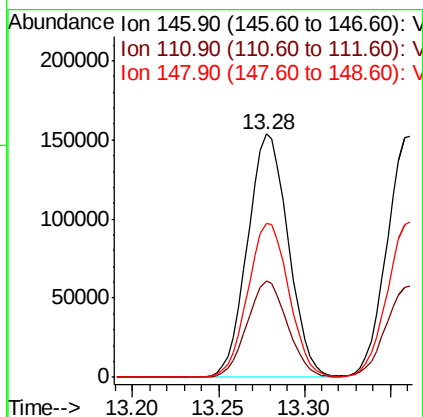
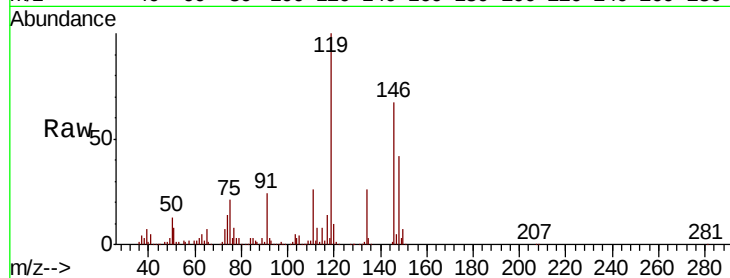
Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	253176
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	63.9	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 50.568 ug/l

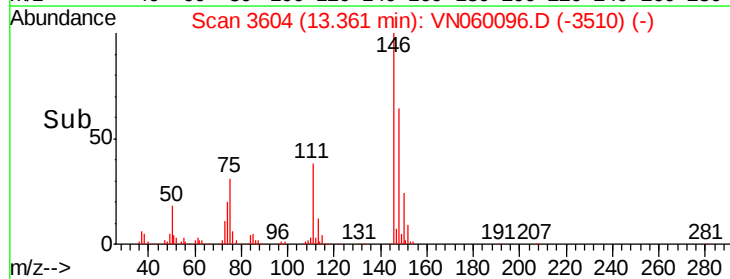
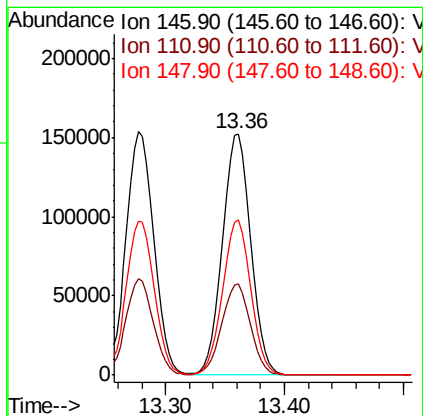
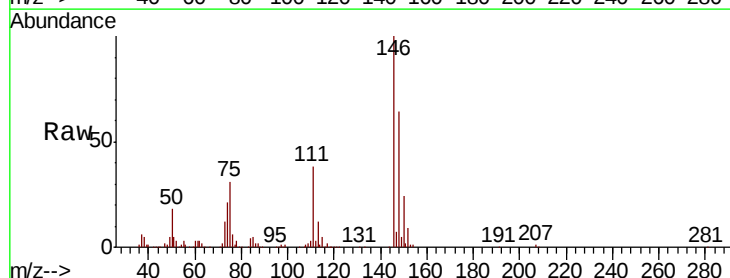
RT: 13.36 min Scan# 3604

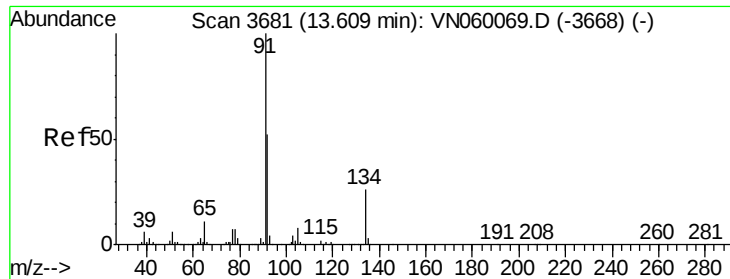
Delta R.T. 0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Tgt Ion:	146	Resp:	251980
Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.5
148	64.0	32.0	96.0

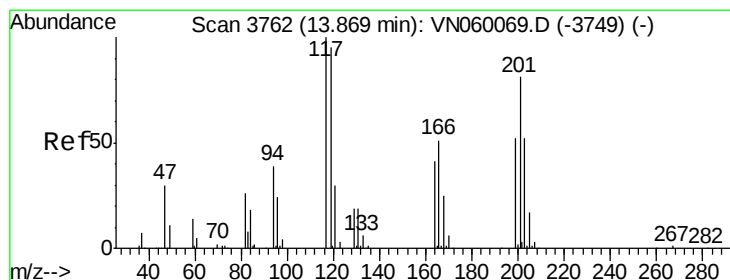
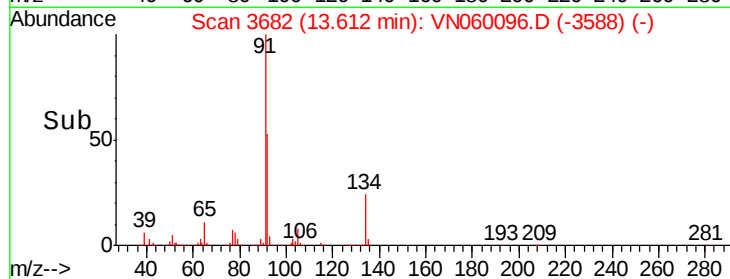
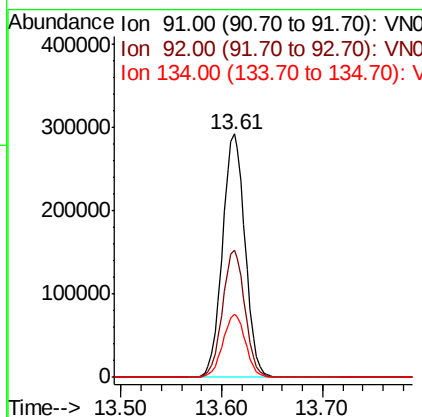
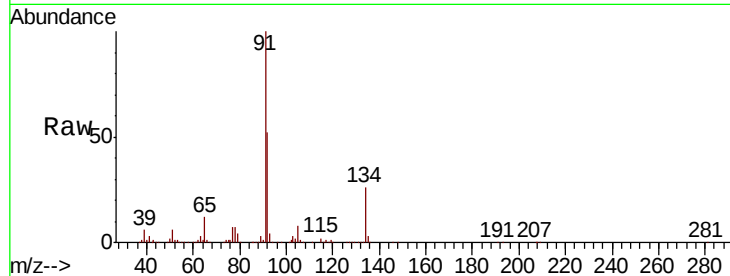




#89
n-Butylbenzene
Concen: 51.851 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

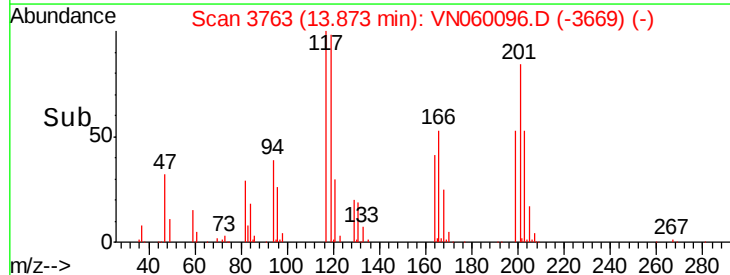
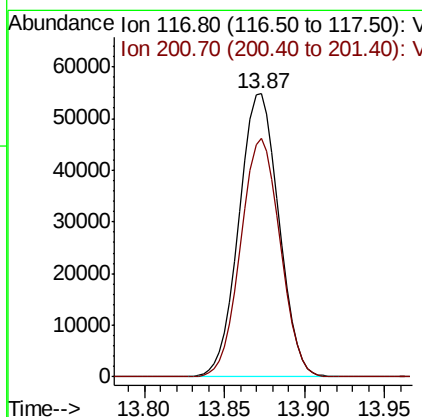
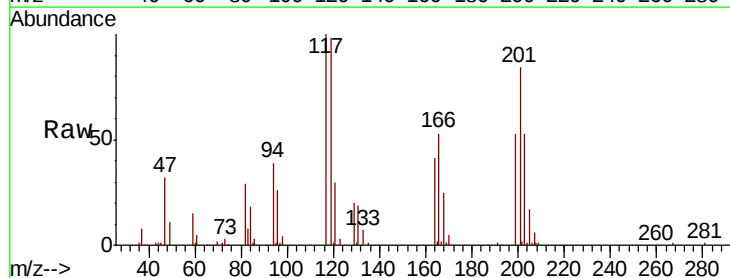
Instrument :
MSVOA_N
ClientSampled :

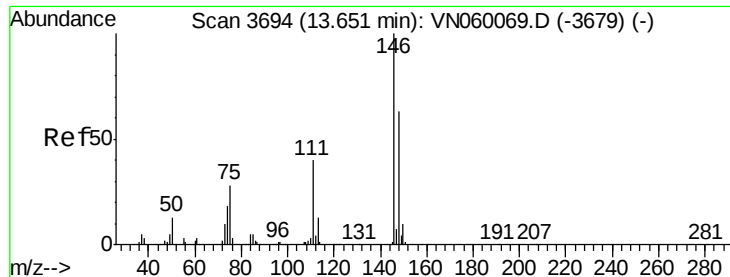
Tot Ion: 91 Resp: 456665
Ion Ratio Lower Upper
91 100
92 51.8 26.1 78.2
134 25.9 13.1 39.3



#90
Hexachloroethane
Concen: 49.858 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion: 117 Resp: 93267
Ion Ratio Lower Upper
117 100
201 83.3 41.7 125.1





#91

1,2-Dichlorobenzene

Concen: 50.281 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060096.D

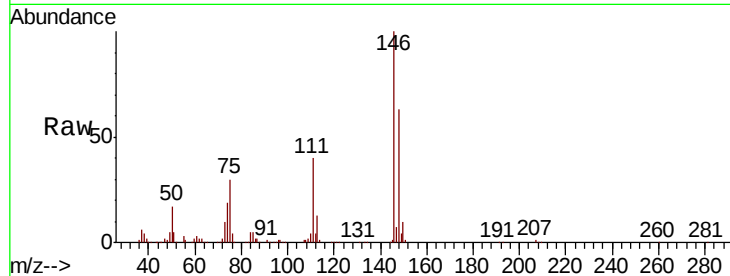
Acq: 13 Feb 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	245250
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	63.6	31.9	95.5

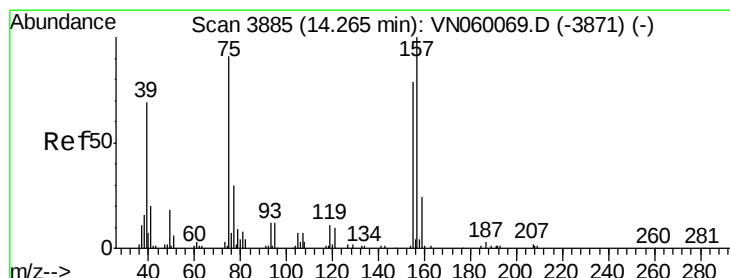
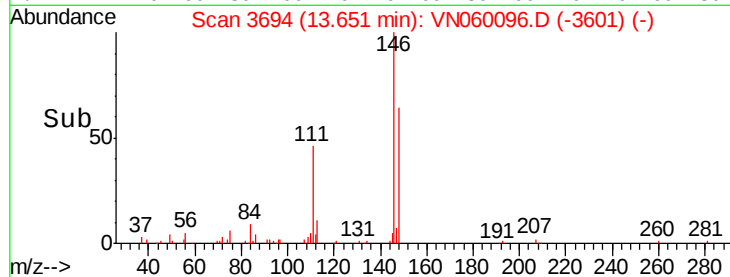
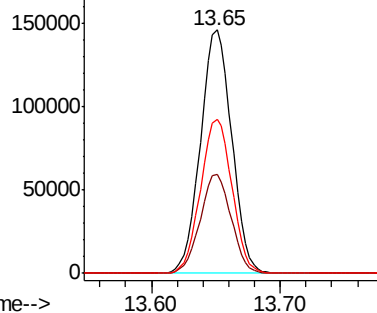


Abundance

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: 48.854 ug/l

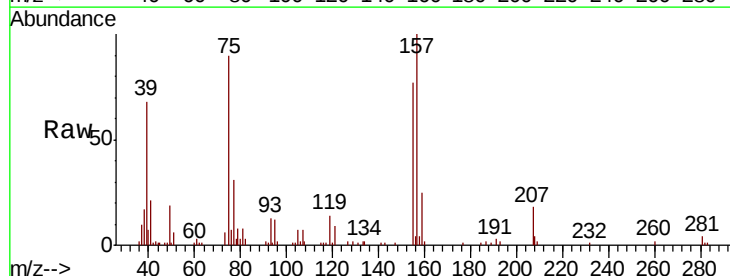
RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060096.D

Acq: 13 Feb 2020 16:05

Tgt Ion:	75	Resp:	33935
Ion	Ratio	Lower	Upper
75	100		
155	85.7	43.0	129.0
157	109.3	54.9	164.5

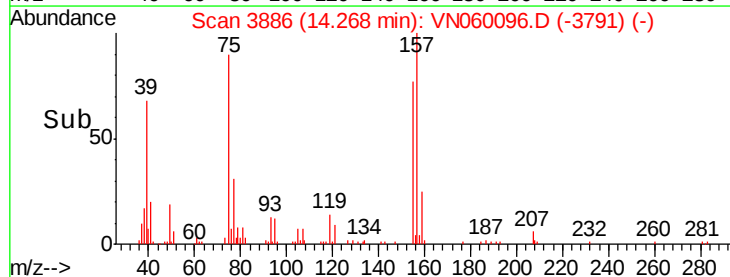
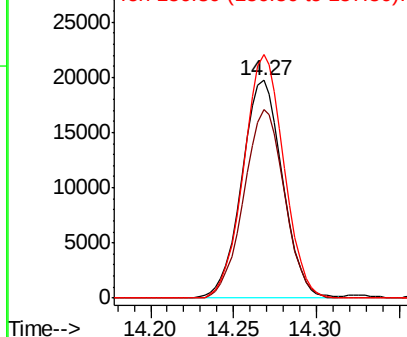


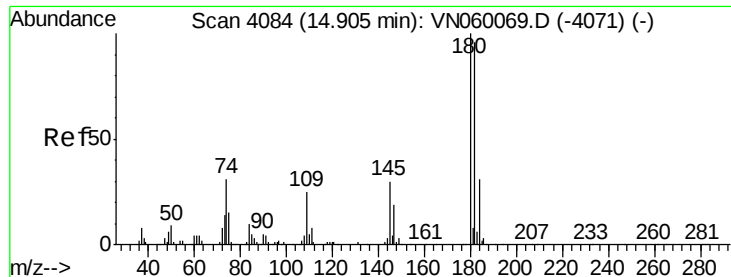
Abundance

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

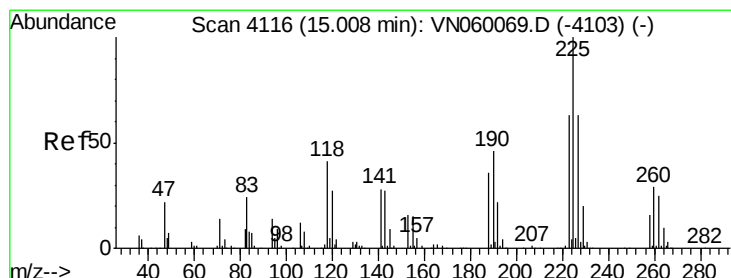
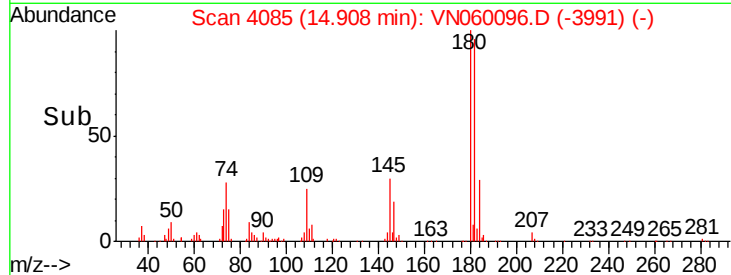
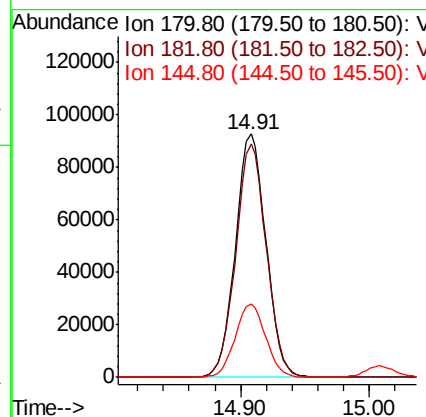
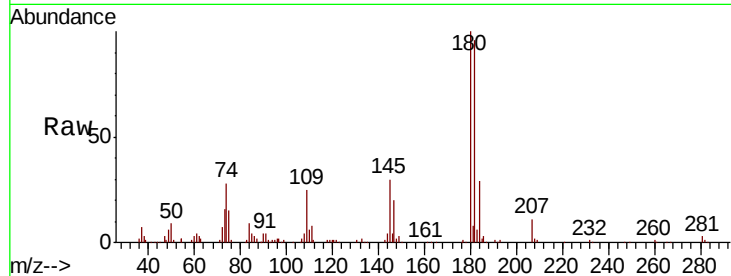




#93
 1,2,4-Trichlorobenzene
 Concen: 53.192 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

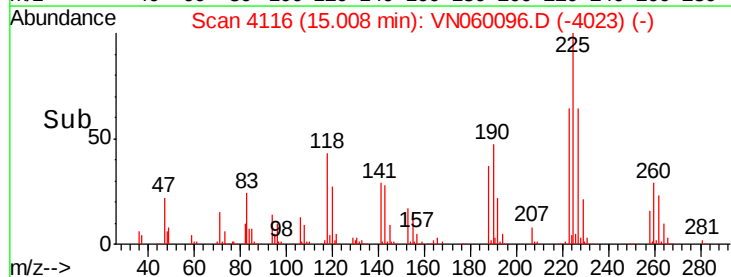
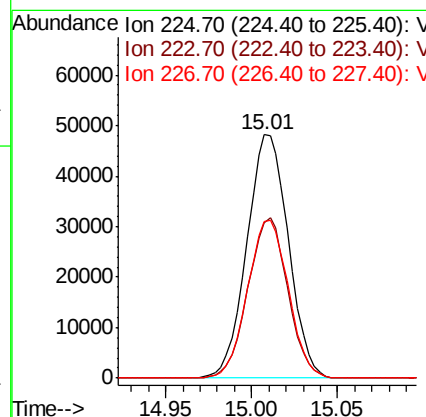
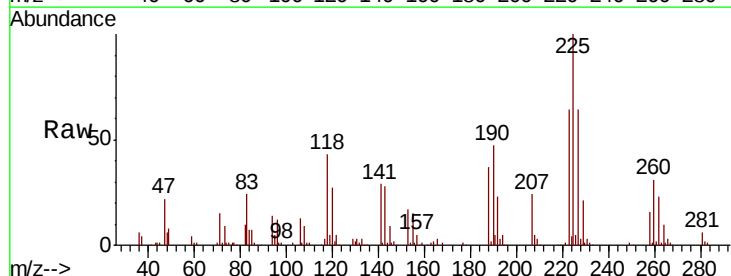
Instrument :
 MSVOA_N
 ClientSampleId :

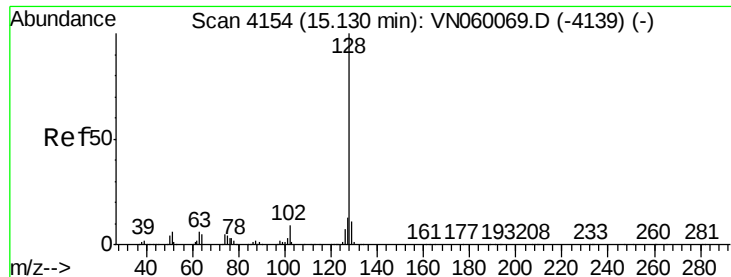
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.8
145	30.1	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 48.131 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060096.D
 Acq: 13 Feb 2020 16:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.5	94.5
227	63.9	31.8	95.4

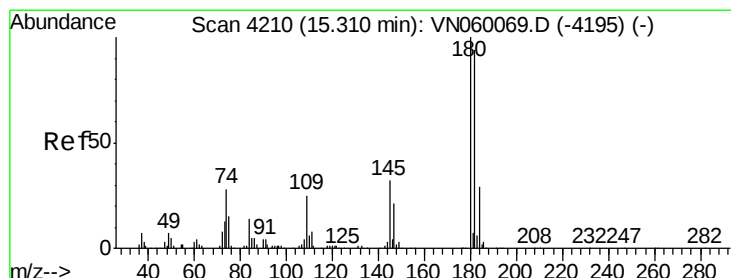
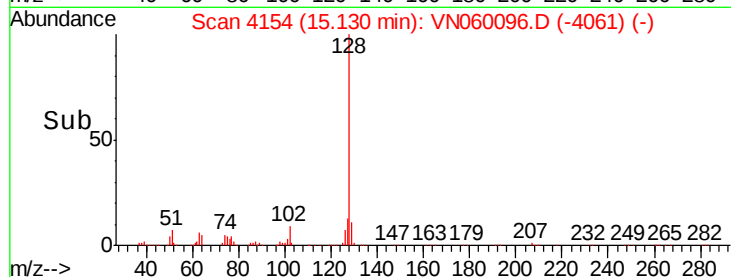
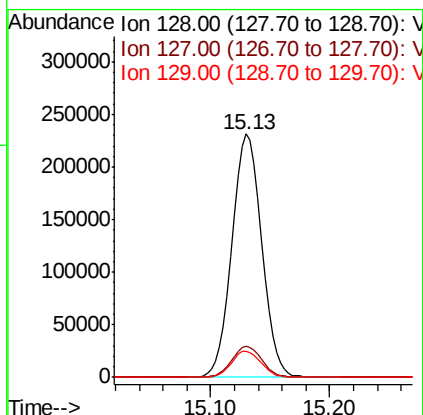
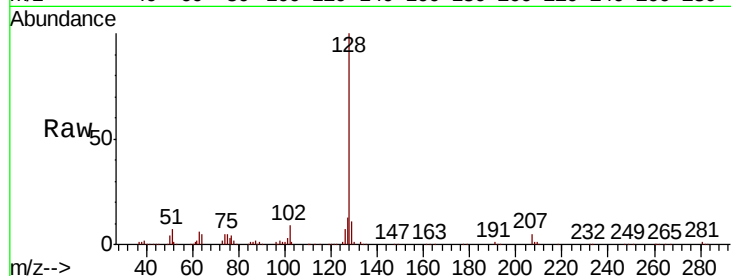




#95
Naphthalene
Concen: 51.882 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 401653
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.779 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060096.D
Acq: 13 Feb 2020 16:05

Tgt Ion:180 Resp: 144924
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 32.0 16.1 48.3

