

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060078.D
 Acq On : 12 Feb 2020 17:07
 Operator : JC/MD
 Sample : VN0212MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 13 00:37:31 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	209579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	334840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	311294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150539	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	134353	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
35) Dibromofluoromethane	7.56	113	108883	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
50) Toluene-d8	10.08	98	422218	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.40	95	153533	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	44935	21.450	ug/l	98
3) Chloromethane	2.04	50	52886	21.214	ug/l	100
4) Vinyl Chloride	2.17	62	60565	21.314	ug/l	98
5) Bromomethane	2.55	94	36107	20.723	ug/l	98
6) Chloroethane	2.69	64	30043	20.903	ug/l	97
7) Trichlorofluoromethane	3.01	101	77057	21.033	ug/l	99
8) Diethyl Ether	3.39	74	26595	21.807	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	43210	21.244	ug/l	98
10) Methyl Iodide	3.93	142	51542	20.406	ug/l	99
11) Tert butyl alcohol	4.73	59	42488	111.334	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	43069	21.736	ug/l	96
13) Acrolein	3.58	56	31946	84.689	ug/l	96
14) Allyl chloride	4.30	41	62084	21.288	ug/l	96
15) Acrylonitrile	4.94	53	103049	110.569	ug/l	99
16) Acetone	3.78	43	108157	97.229	ug/l	99
17) Carbon Disulfide	4.03	76	123717	20.714	ug/l	99
18) Methyl Acetate	4.29	43	46575	22.289	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	142798	21.430	ug/l	96
20) Methylene Chloride	4.52	84	47190	21.263	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	45998	21.296	ug/l	99
22) Diisopropyl ether	5.92	45	136168	21.304	ug/l	97
23) Vinyl Acetate	5.86	43	574169	106.971	ug/l	100
24) 1,1-Dichloroethane	5.82	63	81630	21.082	ug/l	98
25) 2-Butanone	6.80	43	147541	105.459	ug/l	98
26) 2,2-Dichloropropane	6.80	77	76505	20.802	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	52480	20.761	ug/l	99
28) Bromochloromethane	7.17	49	31099	20.430	ug/l	100
29) Tetrahydrofuran	7.18	42	93509	108.950	ug/l	99
30) Chloroform	7.35	83	86848	21.412	ug/l	99
31) Cyclohexane	7.63	56	74888	20.763	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	78595	21.205	ug/l	100
36) 1,1-Dichloropropene	7.77	75	64667	20.851	ug/l	99
37) Ethyl Acetate	6.90	43	59522	21.235	ug/l	99
38) Carbon Tetrachloride	7.75	117	70457	20.918	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	79834	20.737	ug/l	99
40) Benzene	8.02	78	190062	20.659	ug/l	98
41) Methacrylonitrile	7.18	41	84835	72.170	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	68834	21.347	ug/l	98
43) Isopropyl Acetate	8.14	43	100849	21.048	ug/l	100
44) Trichloroethene	8.82	130	53032	20.818	ug/l	100
45) 1,2-Dichloropropane	9.10	63	48757	21.406	ug/l	98
46) Dibromomethane	9.19	93	33713	20.945	ug/l	97
47) Bromodichloromethane	9.39	83	68641	20.976	ug/l	99
48) Methyl methacrylate	9.18	41	43904	20.423	ug/l	99
49) 1,4-Dioxane	9.18	88	17519	476.956	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	299016	107.817	ug/l	100
52) Toluene	10.14	92	123729	20.972	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	77274	20.920	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	80968	20.817	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	47392	20.591	ug/l	97
56) Ethyl methacrylate	10.42	69	68528	21.047	ug/l	99
57) 1,3-Dichloropropane	10.70	76	78727	20.730	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	163952	108.089	ug/l	100
59) 2-Hexanone	10.74	43	226132	105.553	ug/l	100
60) Dibromochloromethane	10.89	129	54229	20.532	ug/l	100
61) 1,2-Dibromoethane	11.00	107	50170	20.794	ug/l	98
64) Tetrachloroethene	10.62	164	47767	20.185	ug/l	99
65) Chlorobenzene	11.43	112	131270	20.698	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	51194	21.338	ug/l	99
67) Ethyl Benzene	11.50	91	239131	20.906	ug/l	100
68) m/p-Xylenes	11.62	106	179120	41.723	ug/l	100
69) o-Xylene	11.94	106	85814	20.760	ug/l	99
70) Styrene	11.96	104	137218	20.586	ug/l	99
71) Bromoform	12.12	173	40506	20.991	ug/l #	100
73) Isopropylbenzene	12.25	105	235803	20.976	ug/l	99
74) N-amyl acetate	12.07	43	86711	21.391	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	69948	21.618	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	91775	31.865	ug/l #	100
77) Bromobenzene	12.52	156	63685	22.828	ug/l	91
78) n-propylbenzene	12.59	91	264698	20.667	ug/l	99
79) 2-Chlorotoluene	12.67	91	155110	20.604	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	198346	21.221	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	24726	21.020	ug/l	99
82) 4-Chlorotoluene	12.77	91	159487	20.650	ug/l	100
83) tert-Butylbenzene	12.99	119	170563	20.629	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	195666	21.207	ug/l	99
85) sec-Butylbenzene	13.17	105	228070	20.828	ug/l	100
86) p-Isopropyltoluene	13.28	119	207962	20.961	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	103211	20.900	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	102070	20.673	ug/l	97
89) n-Butylbenzene	13.61	91	183090	20.981	ug/l	99
90) Hexachloroethane	13.87	117	37874	20.434	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	100554	20.807	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	14699	20.916	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

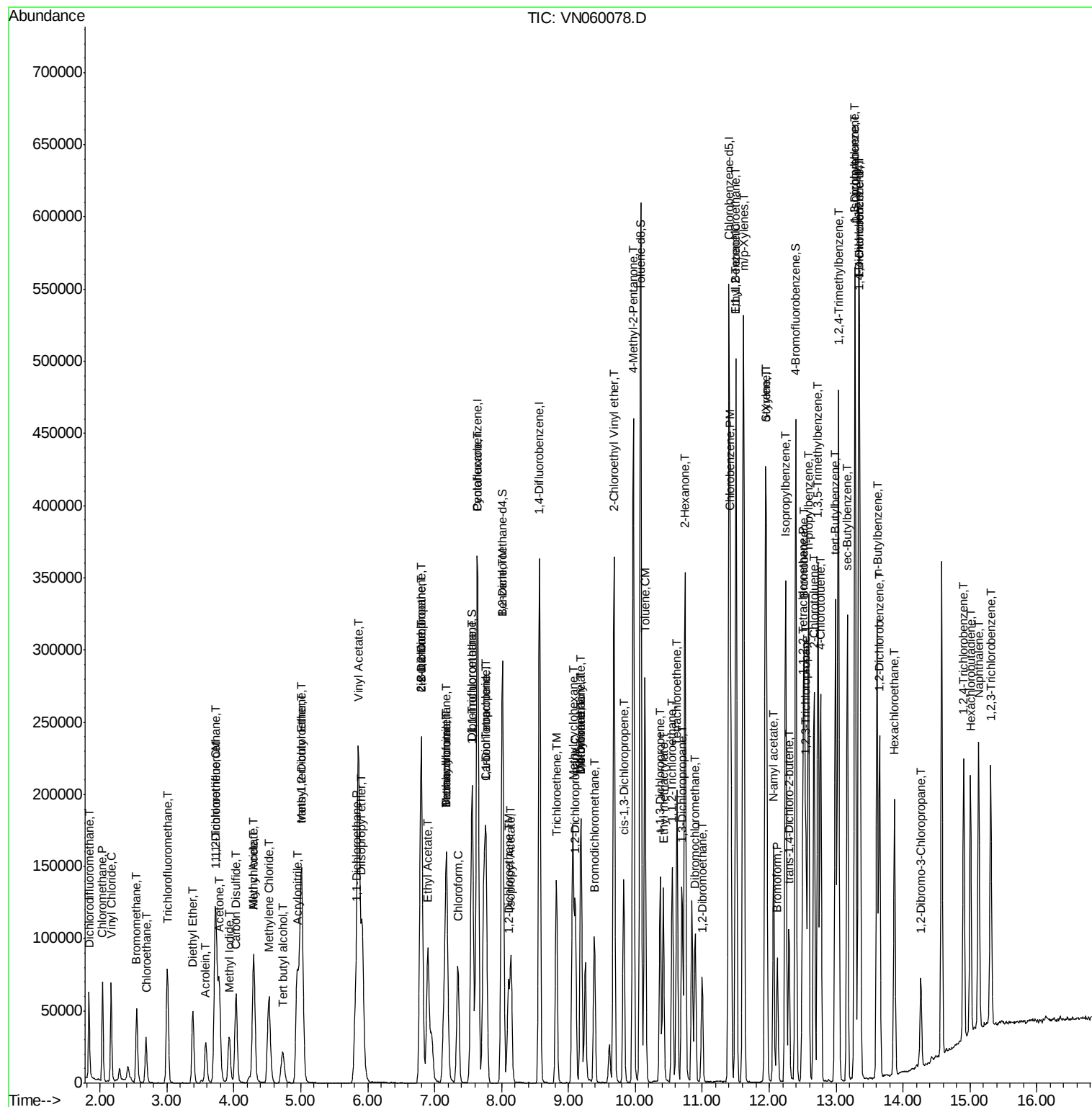
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	63161	22.243	ug/l	99
94) Hexachlorobutadiene	15.01	225	33496	20.149	ug/l	98
95) Naphthalene	15.13	128	173749	22.651	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	61406	21.715	ug/l	99

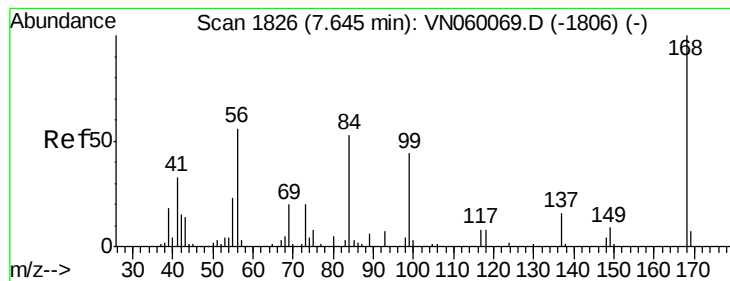
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060078.D
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 Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

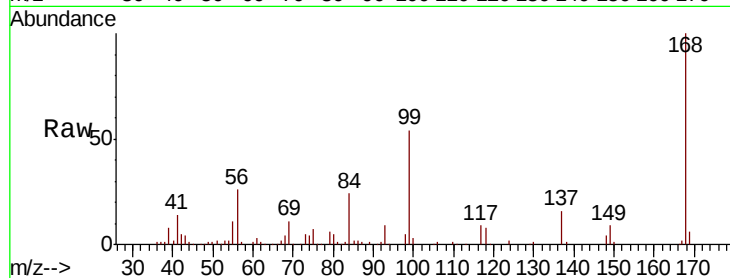
ClientSampled :

Tot Ion:168 Resp: 209579

Ion Ratio Lower Upper

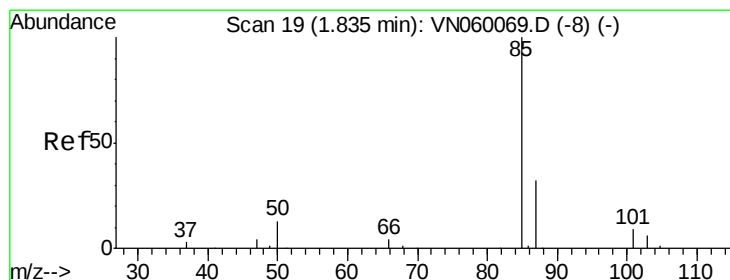
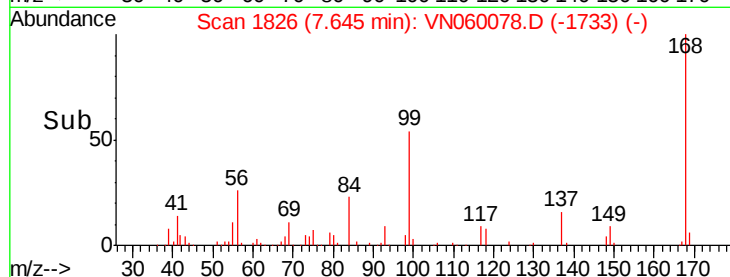
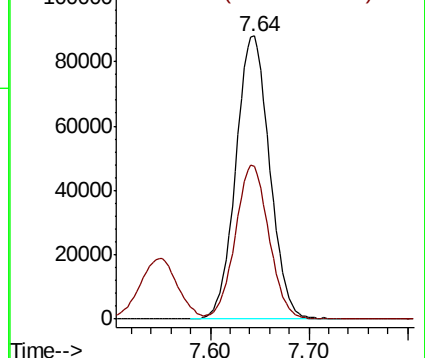
168 100

99 54.0 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-1806) (-)



#2

Dichlorodifluoromethane

Concen: 21.450 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060078.D

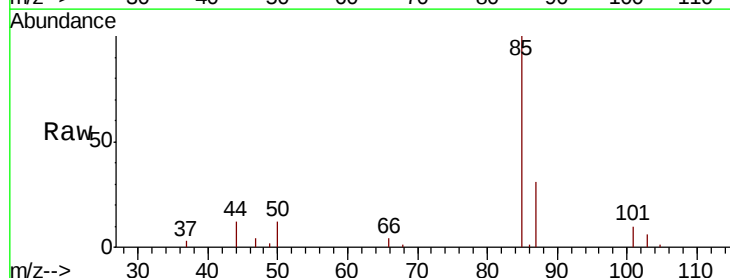
Acq: 12 Feb 2020 17:07

Tgt Ion: 85 Resp: 44935

Ion Ratio Lower Upper

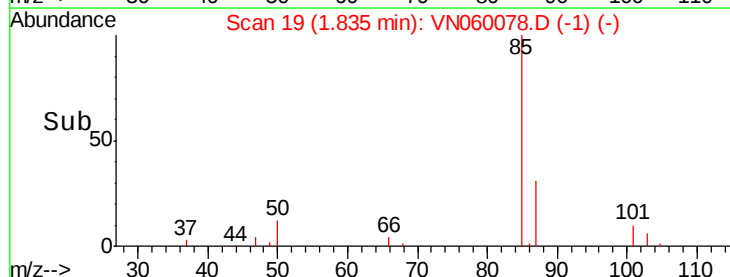
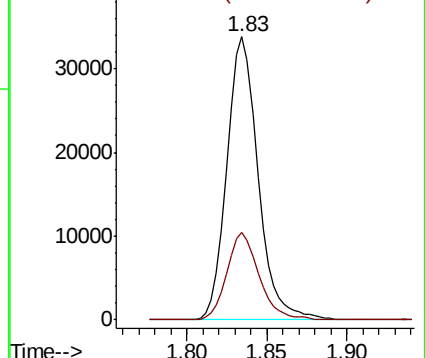
85 100

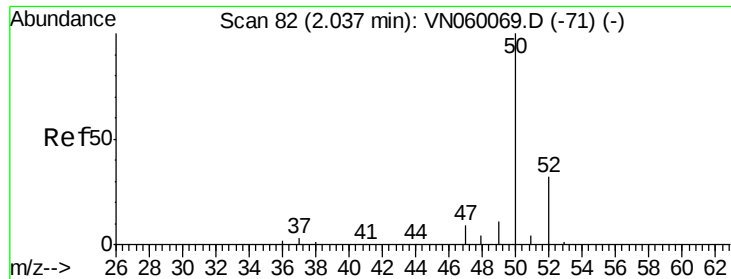
87 30.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN060069.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN060069.D (-8) (-)

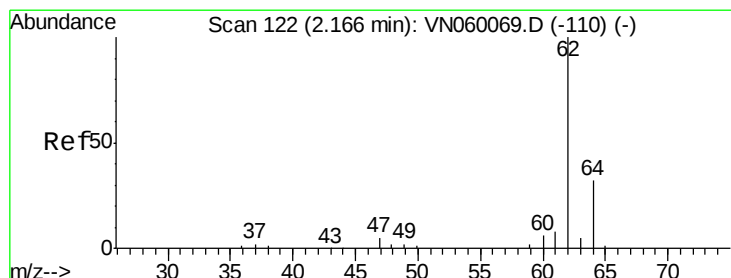
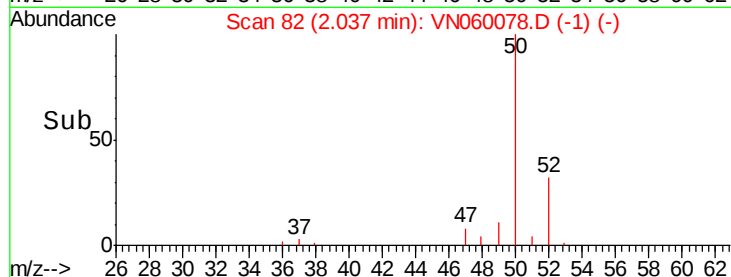
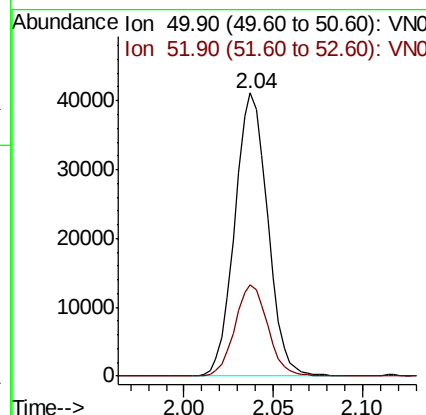
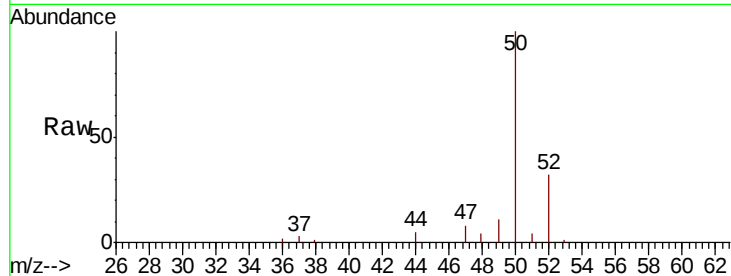




#3
Chloromethane
Concen: 21.214 ug/l
RT: 2.04 min Scan# 82
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

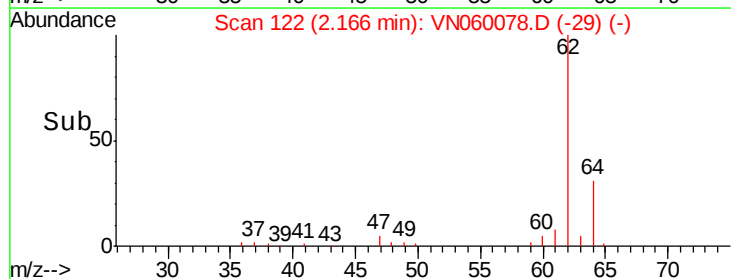
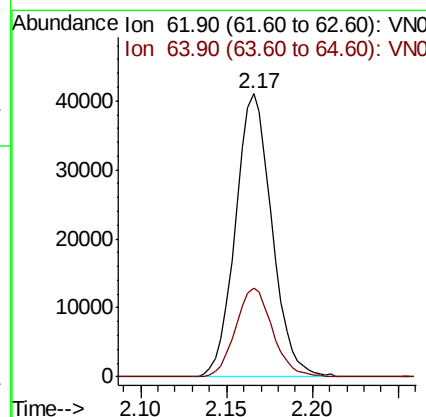
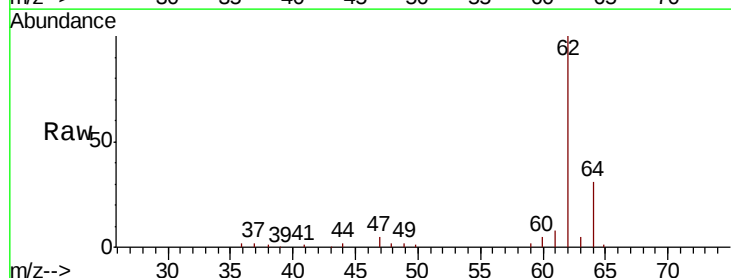
Instrument :
MSVOA_N
ClientSampleId :

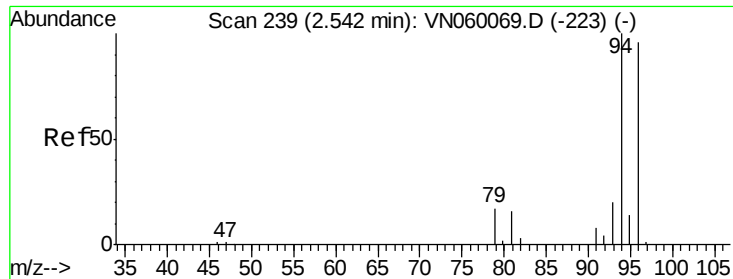
Tot Ion: 50 Resp: 52886
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4



#4
Vinyl Chloride
Concen: 21.314 ug/l
RT: 2.17 min Scan# 122
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 62 Resp: 60565
Ion Ratio Lower Upper
62 100
64 31.3 25.9 38.9

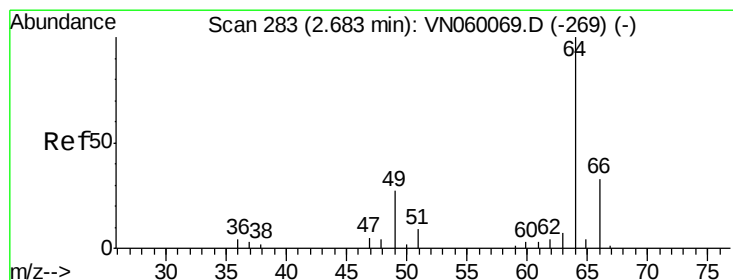
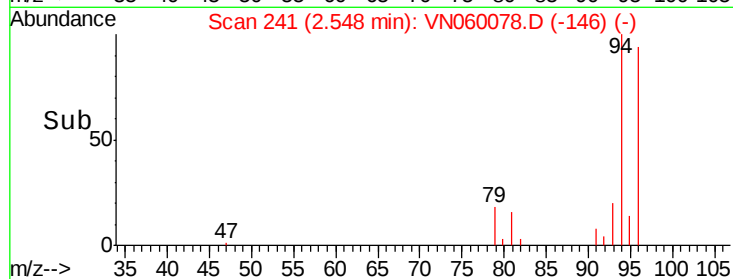
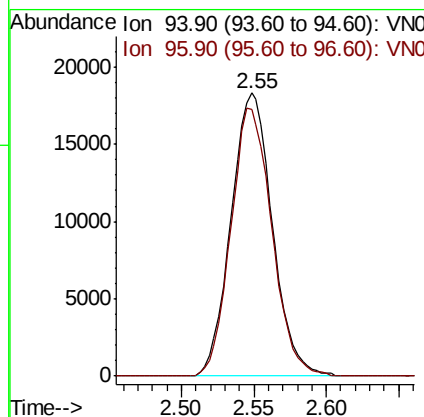
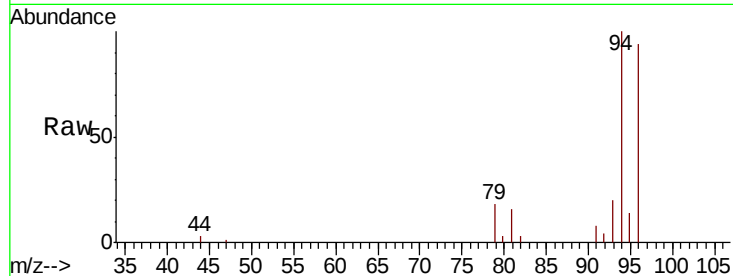




#5
Bromomethane
Concen: 20.723 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

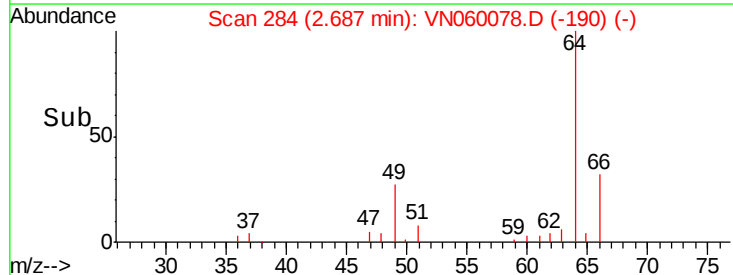
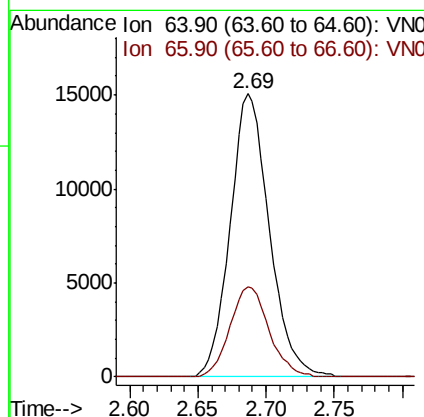
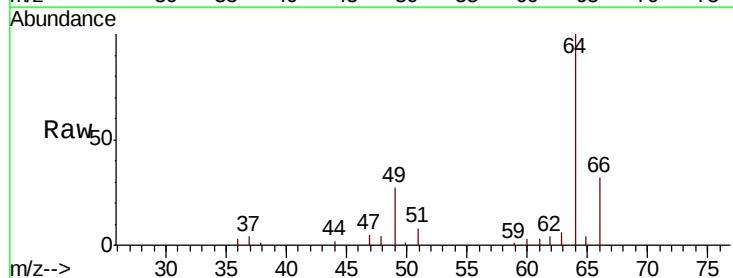
Instrument :
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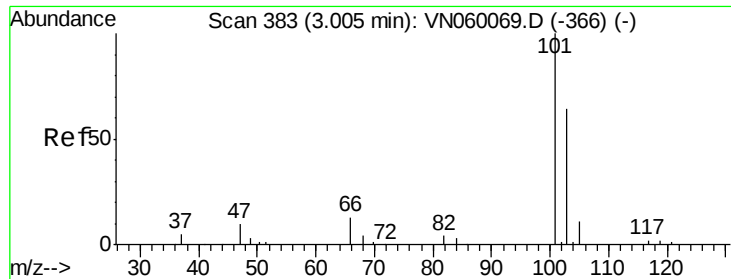
Tot Ion: 94 Resp: 36107
Ion Ratio Lower Upper
94 100
96 94.4 76.7 115.1



#6
Chloroethane
Concen: 20.903 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 64 Resp: 30043
Ion Ratio Lower Upper
64 100
66 31.8 26.6 40.0



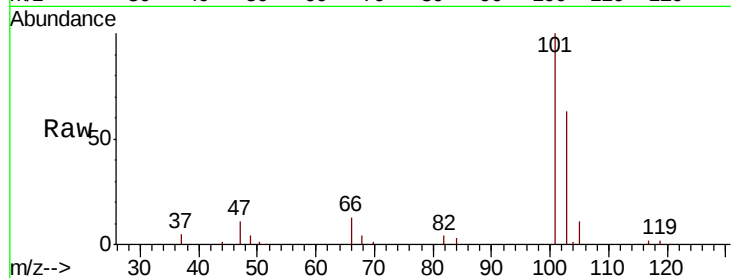


#7

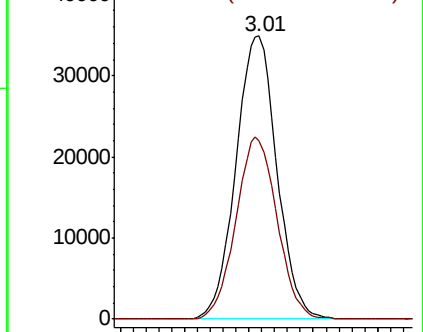
Trichlorofluoromethane
 Concen: 21.033 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

Instrument :
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 ClientSampleId :

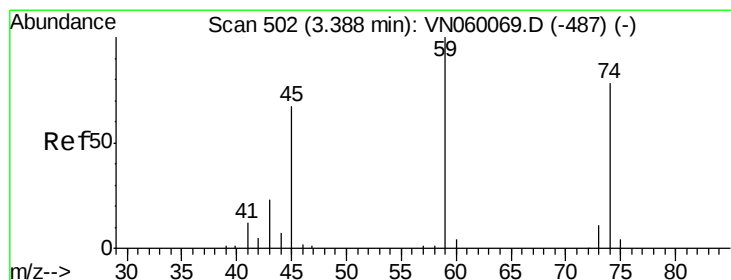
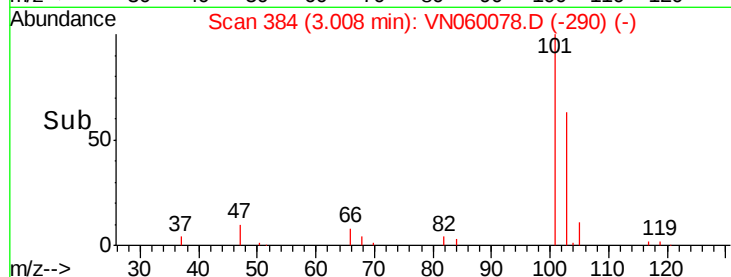
Tot Ion:101 Resp: 77057
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.0 76.6



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



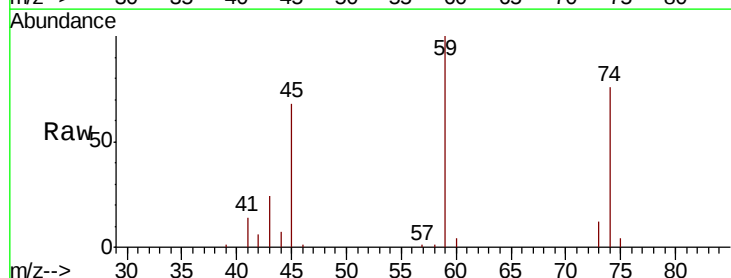
Time--> 2.90 2.95 3.00 3.05 3.10



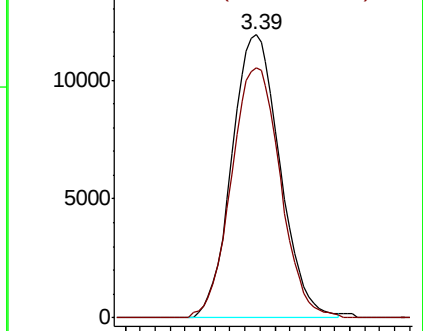
#8

Diethyl Ether
 Concen: 21.807 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

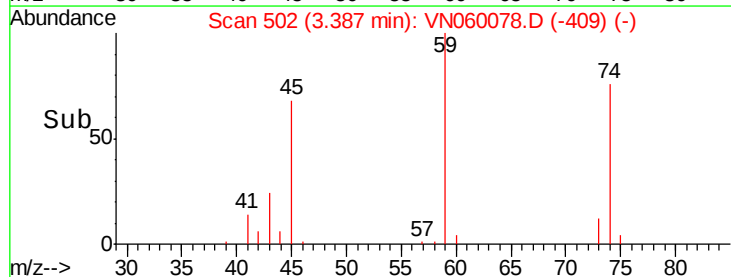
Tgt Ion: 74 Resp: 26595
 Ion Ratio Lower Upper
 74 100
 45 90.1 44.7 134.1

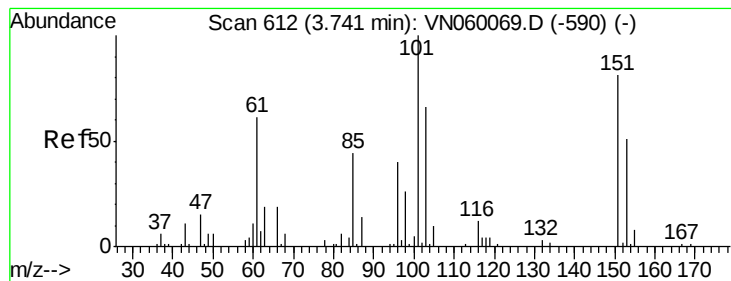


Abundance Ion 74.00 (73.70 to 74.70): V
 Ion 45.00 (44.70 to 45.70): V



Time--> 3.30 3.35 3.40 3.45





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.244 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

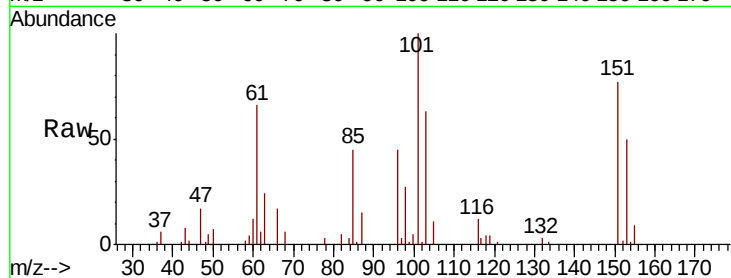
Tot Ion:101 Resp: 43210

Ion Ratio Lower Upper

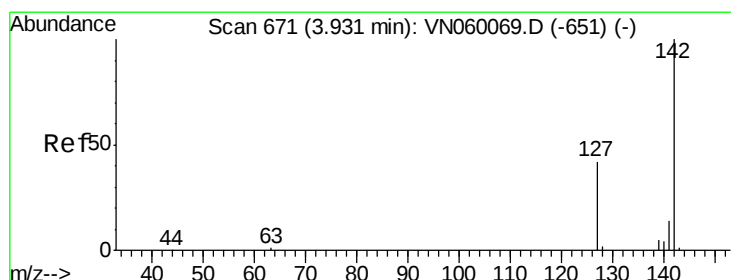
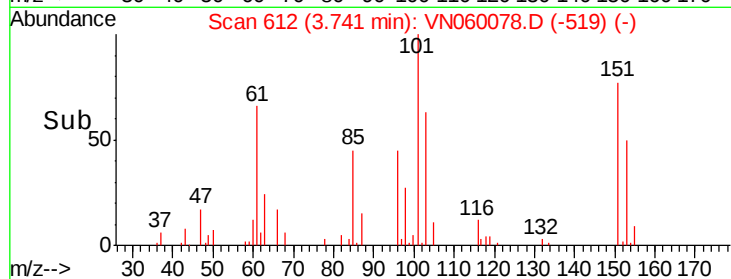
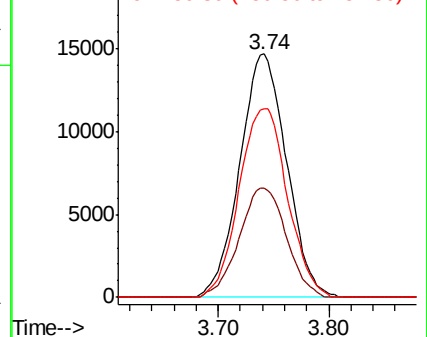
101 100

85 45.3 35.1 52.7

151 80.0 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: 20.406 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

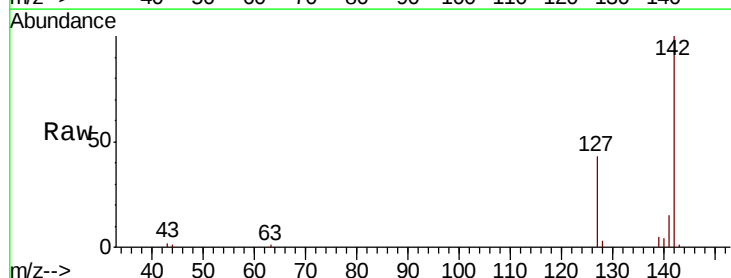
Tgt Ion:142 Resp: 51542

Ion Ratio Lower Upper

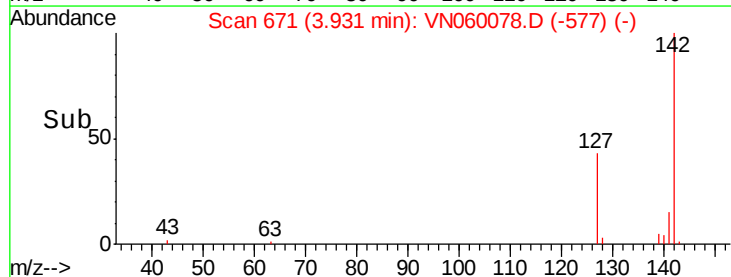
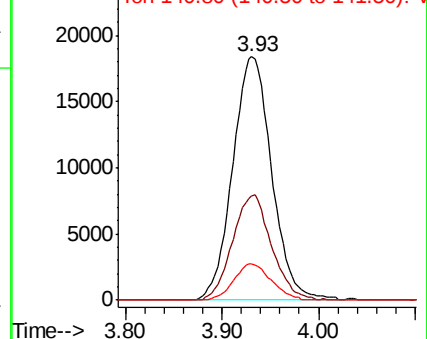
142 100

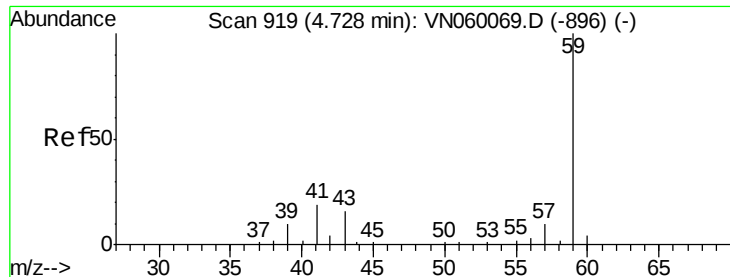
127 43.0 33.6 50.4

141 14.2 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

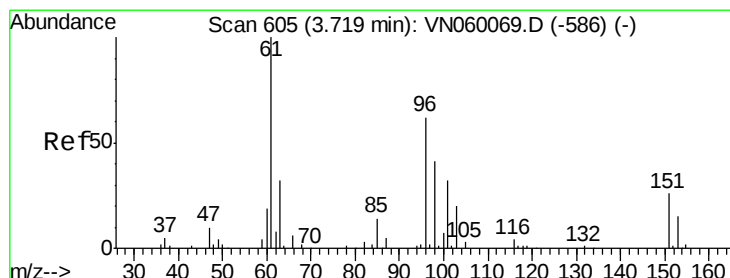
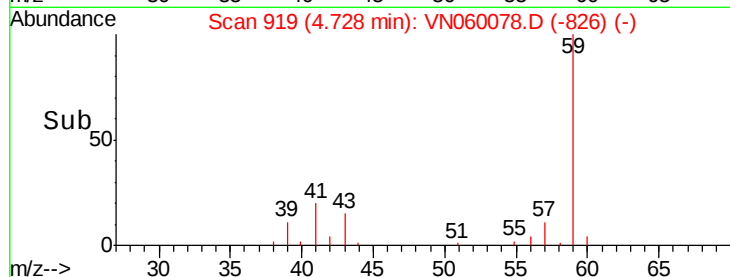
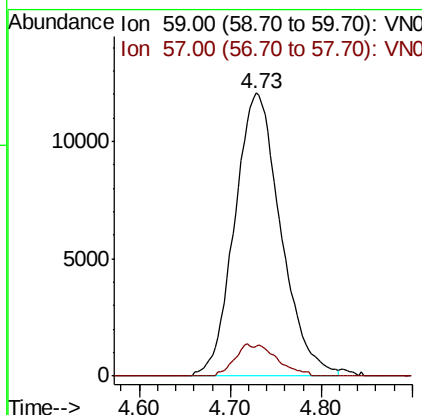
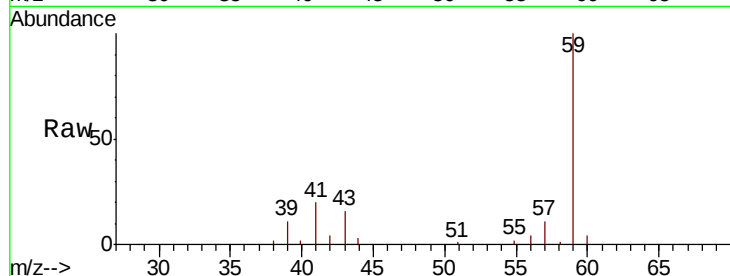




#11
Tert butyl alcohol
Concen: 111.334 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

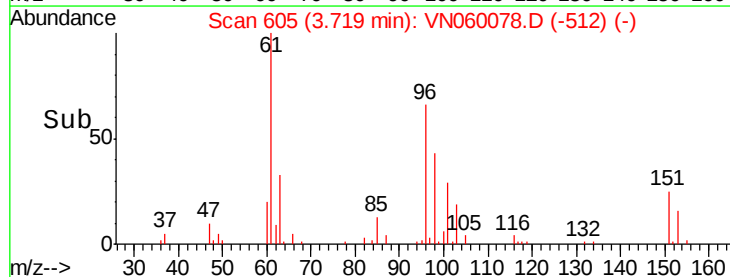
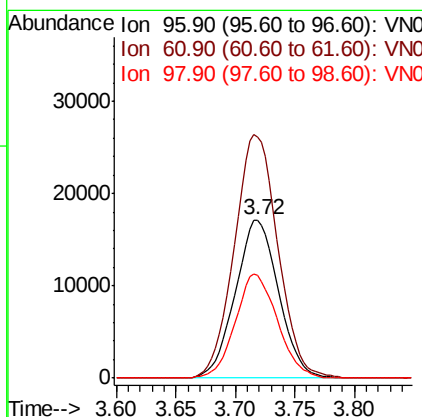
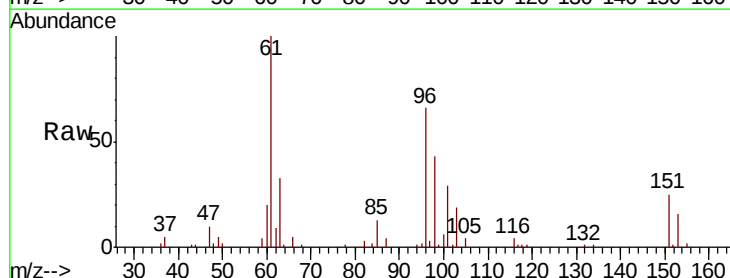
Instrument :
MSVOA_N
ClientSampled :

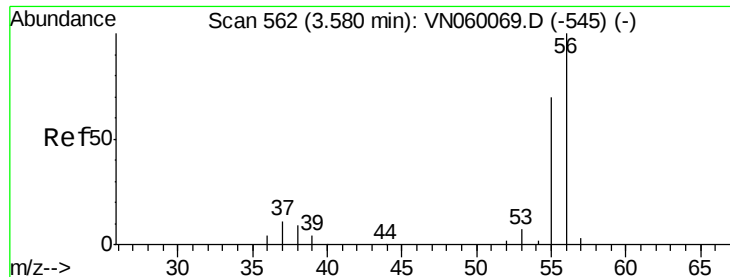
Tot Ion: 59 Resp: 42488
Ion Ratio Lower Upper
59 100
57 4.6 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 21.736 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 96 Resp: 43069
Ion Ratio Lower Upper
96 100
61 152.6 128.3 192.5
98 65.0 52.2 78.4





#13

Acrolein

Concen: 84.689 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

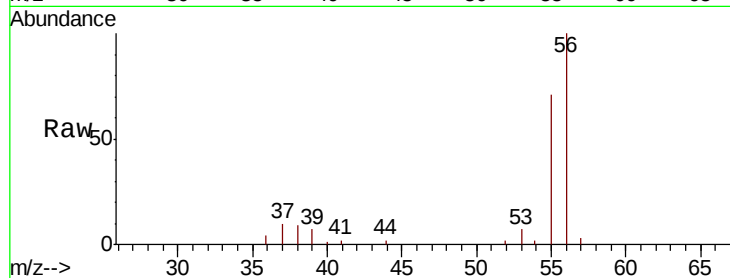
ClientSampled :

Tot Ion: 56 Resp: 31946

Ion Ratio Lower Upper

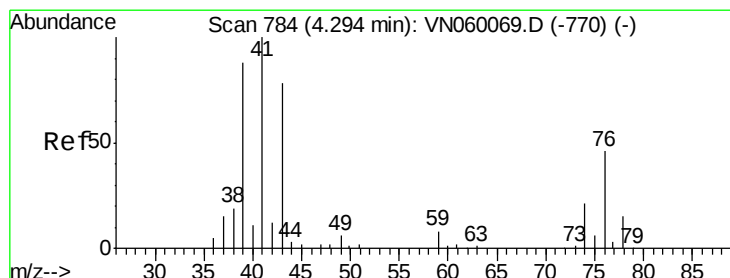
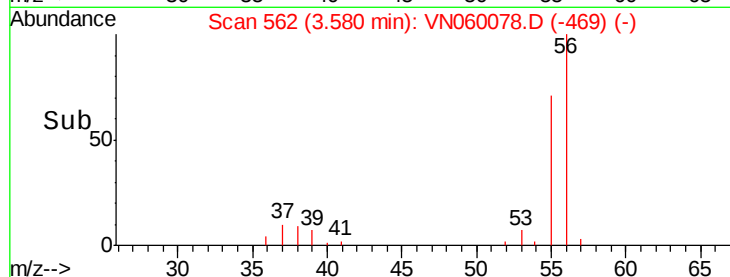
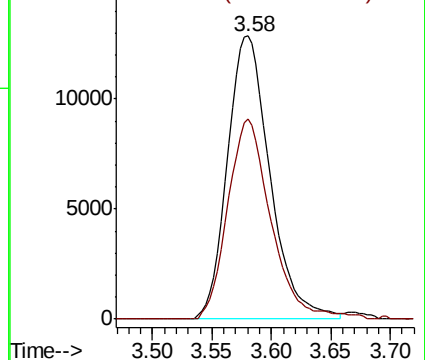
56 100

55 71.7 54.8 82.2



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

Ion 55.00 (54.70 to 55.70): VN060069.D



#14

Allyl chloride

Concen: 21.288 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

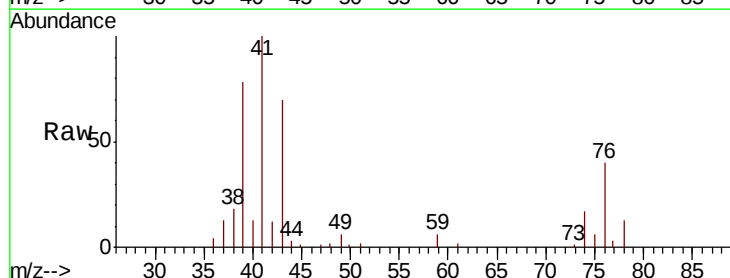
Tgt Ion: 41 Resp: 62084

Ion Ratio Lower Upper

41 100

39 80.9 67.8 101.8

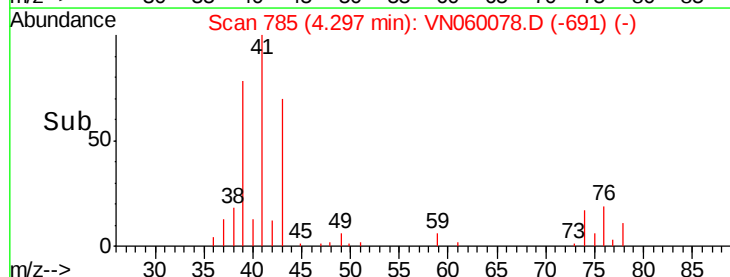
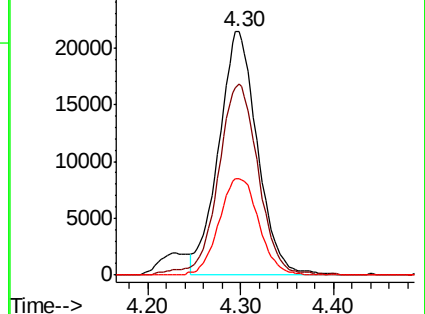
76 40.5 33.9 50.9

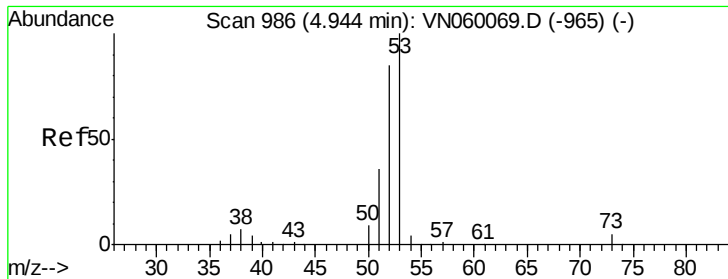


Abundance Ion 41.00 (40.70 to 41.70): VN060078.D

Ion 39.00 (38.70 to 39.70): VN060078.D

Ion 75.90 (75.60 to 76.60): VN060078.D





#15

Acrylonitrile

Concen: 110.569 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

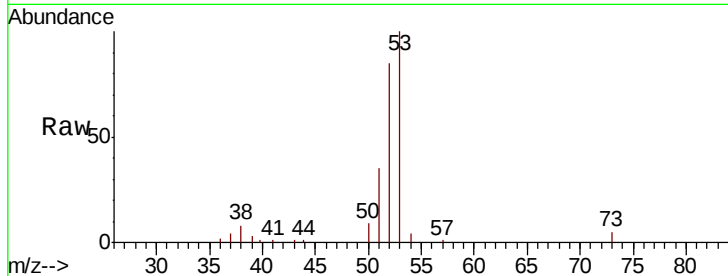
Tot Ion: 53 Resp: 103049

Ion Ratio Lower Upper

53 100

52 82.4 66.8 100.2

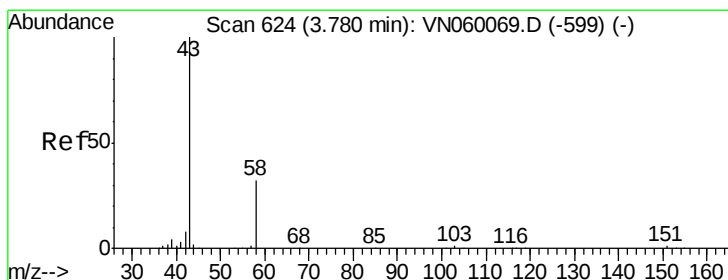
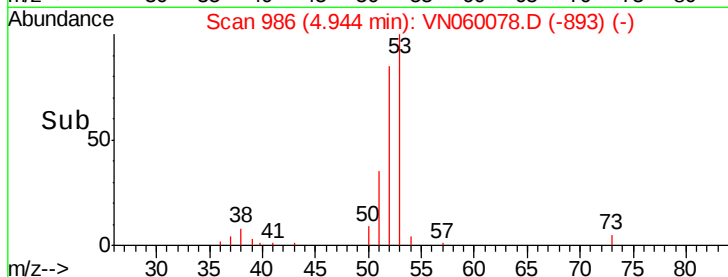
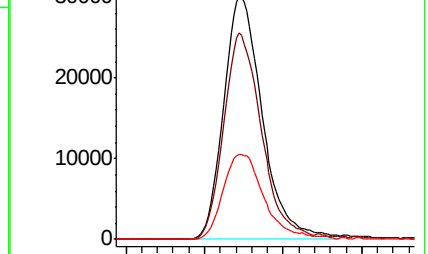
51 36.6 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060069.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN060069.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN060069.D (-965) (-)



#16

Acetone

Concen: 97.229 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060078.D

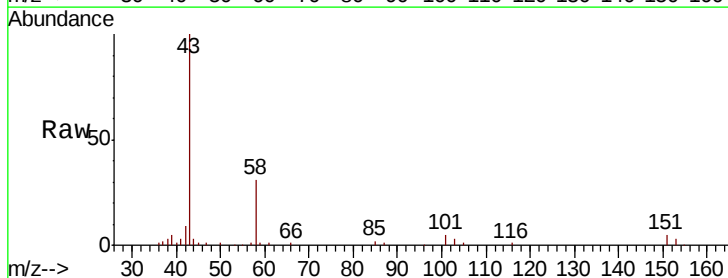
Acq: 12 Feb 2020 17:07

Tgt Ion: 43 Resp: 108157

Ion Ratio Lower Upper

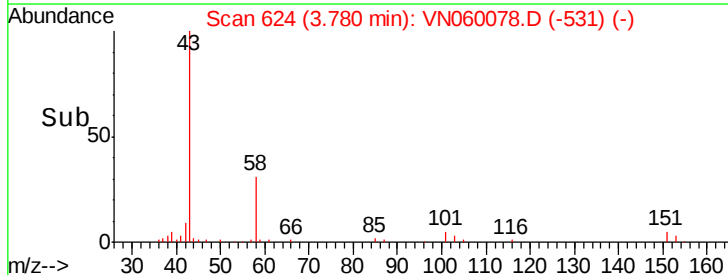
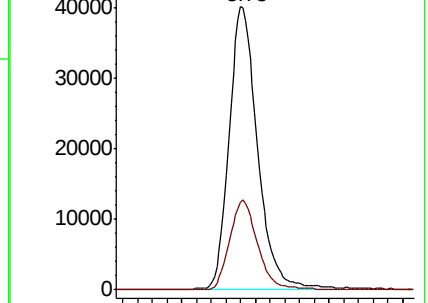
43 100

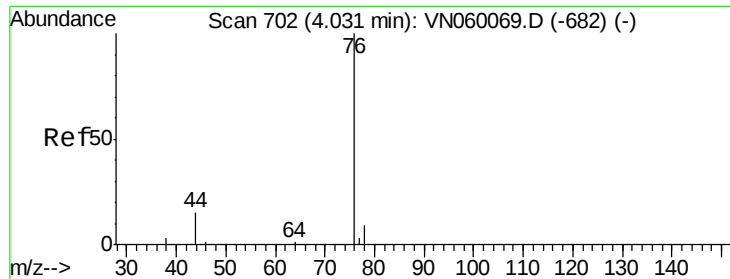
58 30.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN060069.D (-599) (-)

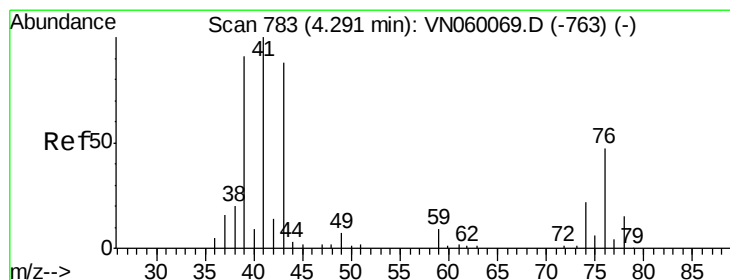
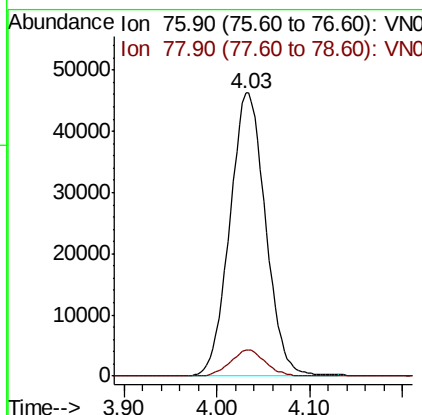
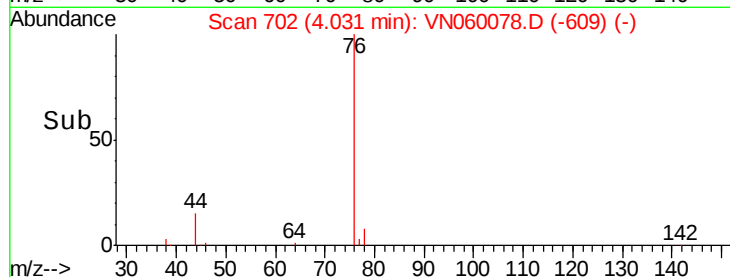
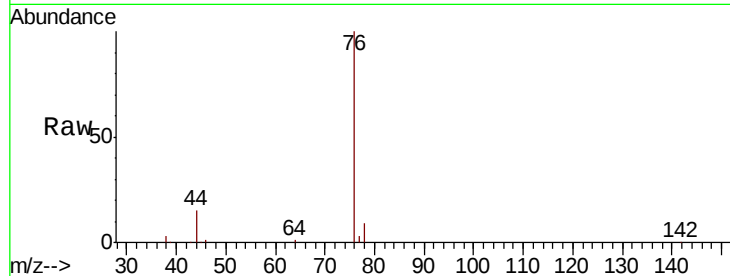




#17
Carbon Disulfide
Concen: 20.714 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

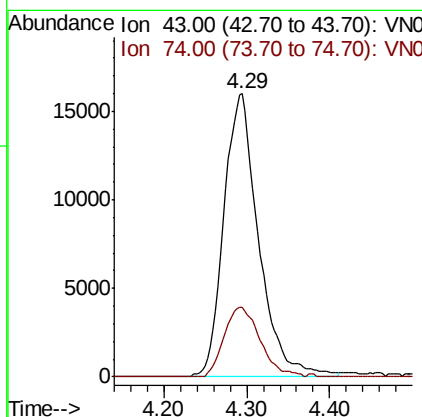
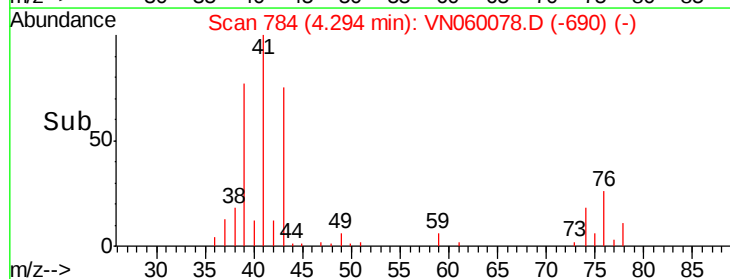
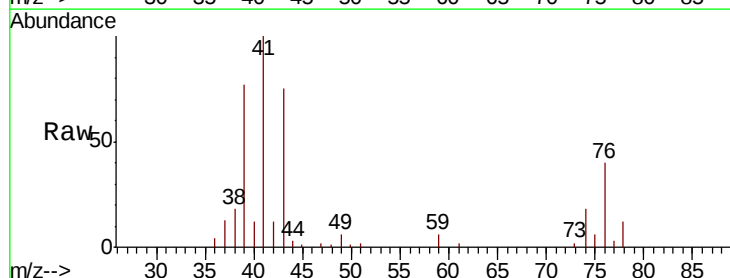
Instrument :
MSVOA_N
ClientSampled :

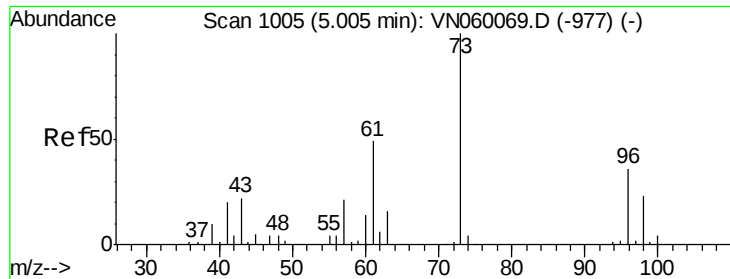
Tot Ion: 76 Resp: 123717
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 22.289 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 43 Resp: 46575
Ion Ratio Lower Upper
43 100
74 25.4 20.3 30.5

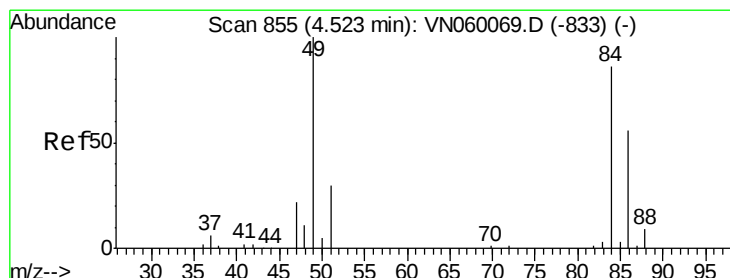
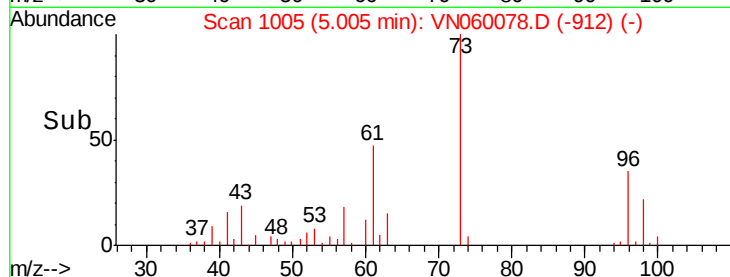
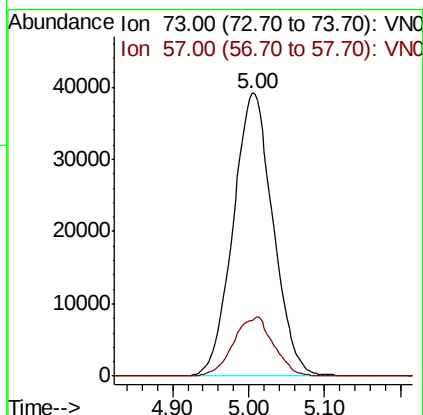
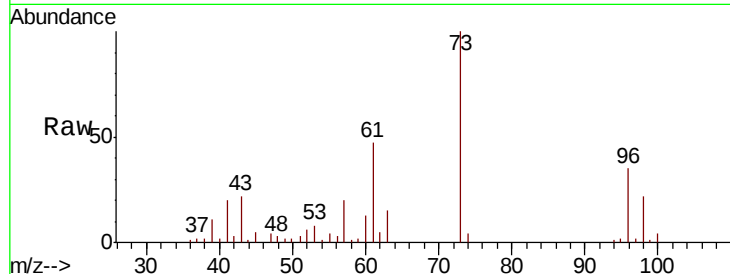




#19
Methyl tert-butyl Ether
Concen: 21.430 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

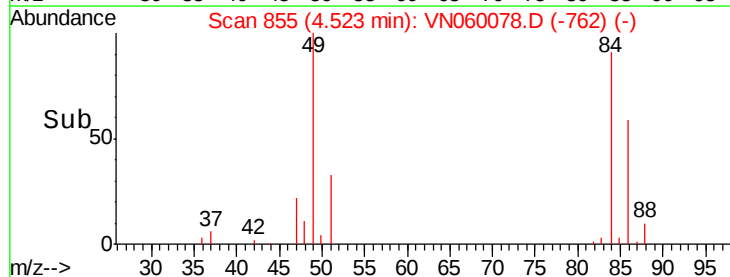
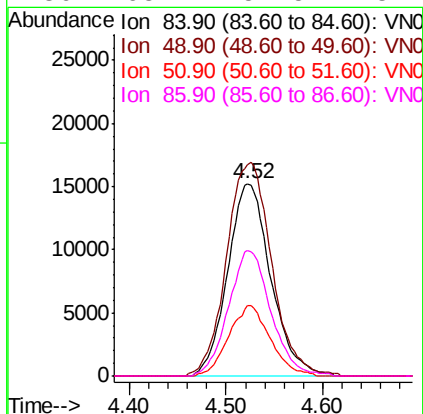
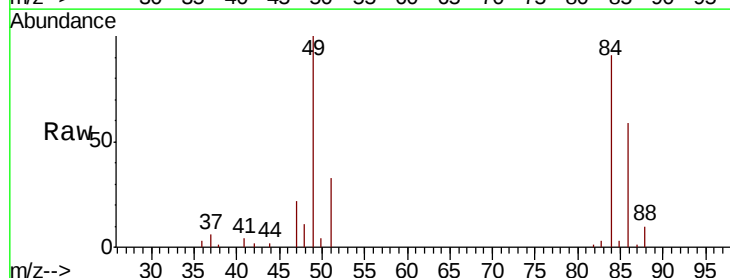
Instrument :
MSVOA_N
ClientSampled :

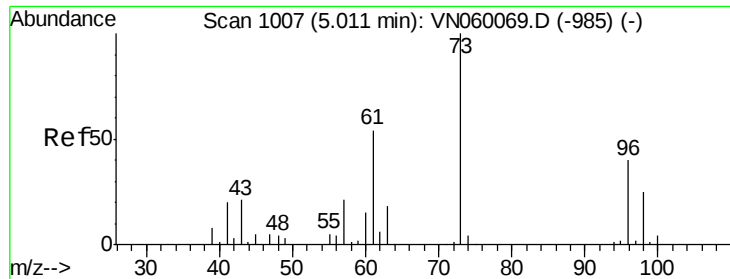
Tot Ion: 73 Resp: 142798
Ion Ratio Lower Upper
73 100
57 19.7 17.2 25.8



#20
Methylene Chloride
Concen: 21.263 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 84 Resp: 47190
Ion Ratio Lower Upper
84 100
49 108.7 93.4 140.0
51 36.7 28.4 42.6
86 65.1 52.5 78.7

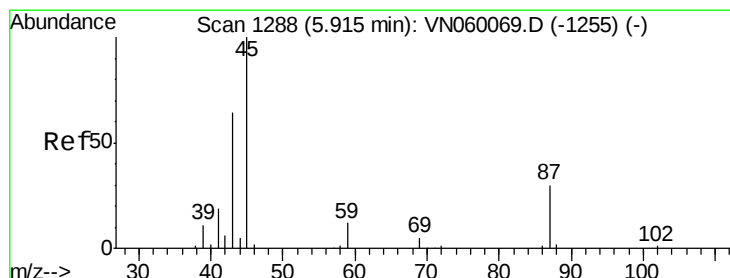
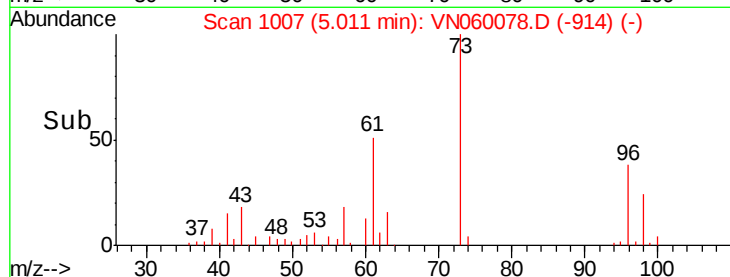
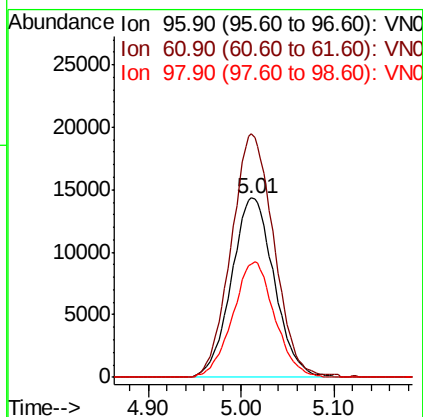
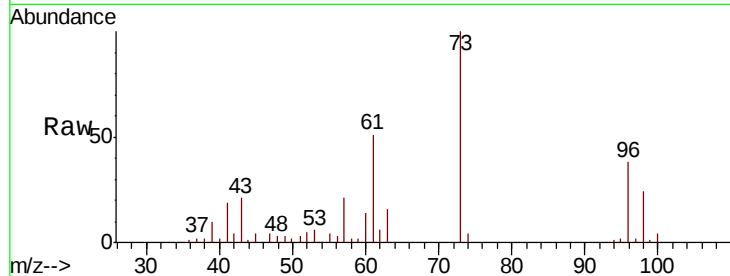




#21
trans-1,2-Dichloroethene
Concen: 21.296 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

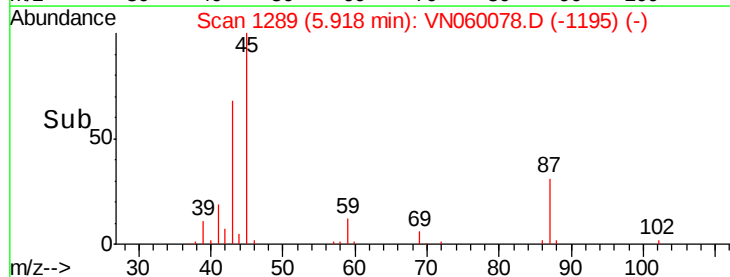
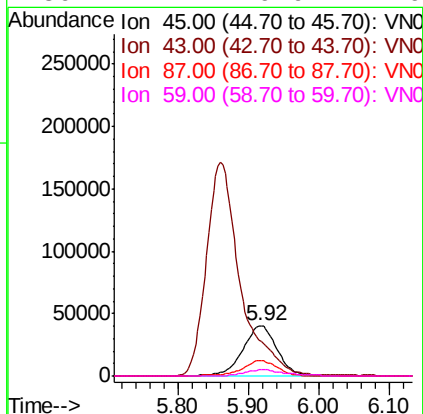
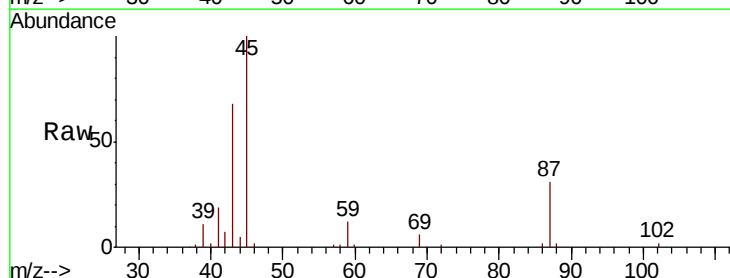
Instrument :
MSVOA_N
ClientSampled :

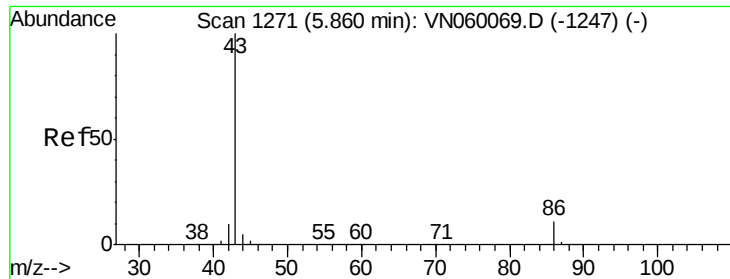
Tot Ion: 96 Resp: 45998
Ion Ratio Lower Upper
96 100
61 136.0 109.3 163.9
98 63.3 51.0 76.6



#22
Diisopropyl ether
Concen: 21.304 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 45 Resp: 136168
Ion Ratio Lower Upper
45 100
43 65.9 55.9 83.9
87 30.7 24.5 36.7
59 12.2 9.9 14.9





#23

Vinyl Acetate

Concen: 106.971 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

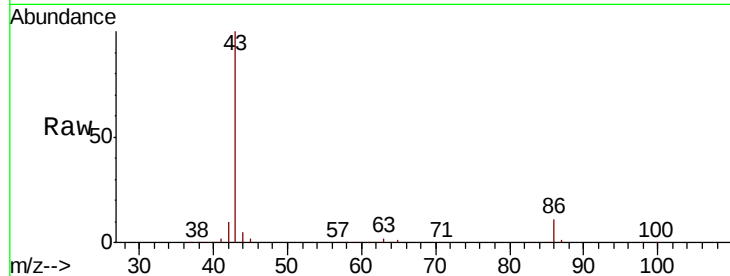
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 574169

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN060069.D (-1247) (-)

5.86

200000

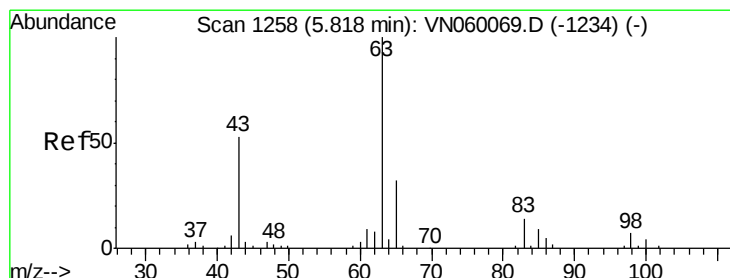
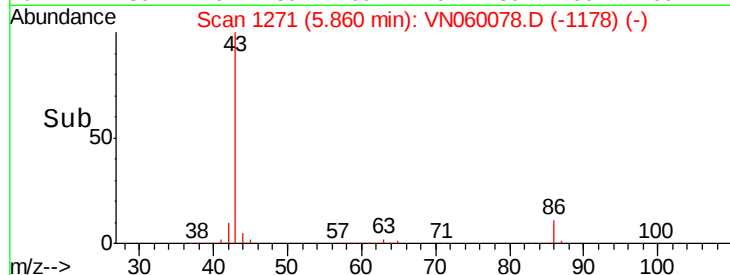
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.082 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

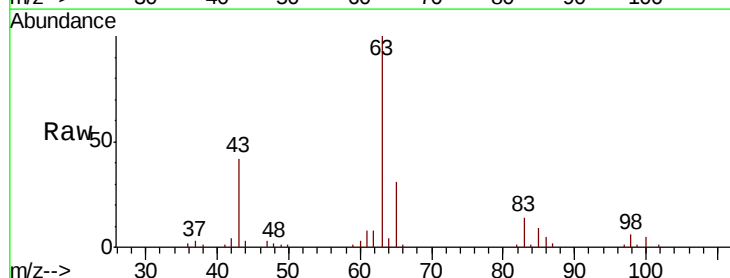
Tgt Ion: 63 Resp: 81630

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

100 4.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN060069.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN060069.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN060069.D (-1234) (-)

5.82

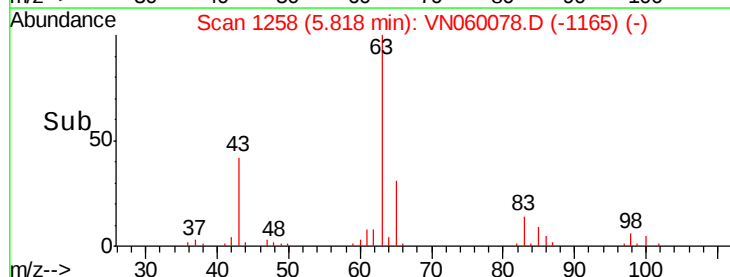
30000

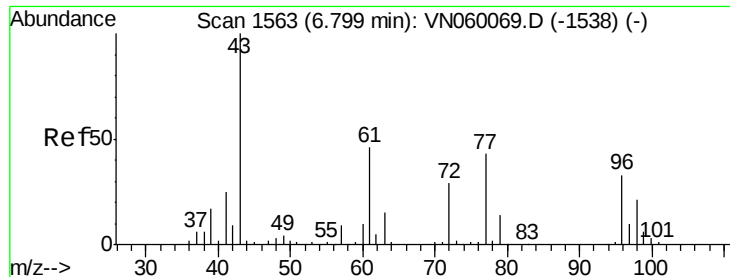
20000

10000

0

Time-->





#25

2-Butanone

Concen: 105.459 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

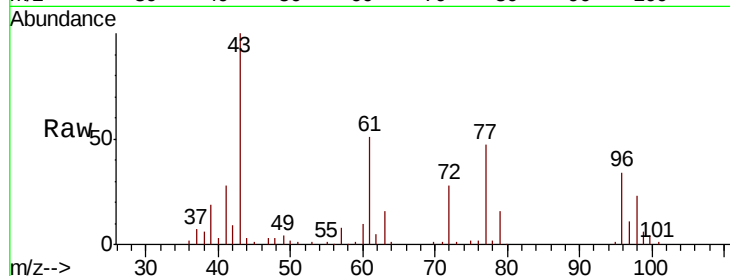
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 147541

Ion Ratio Lower Upper

43 100

72 28.2 23.3 34.9



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

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

6.80

50000

40000

30000

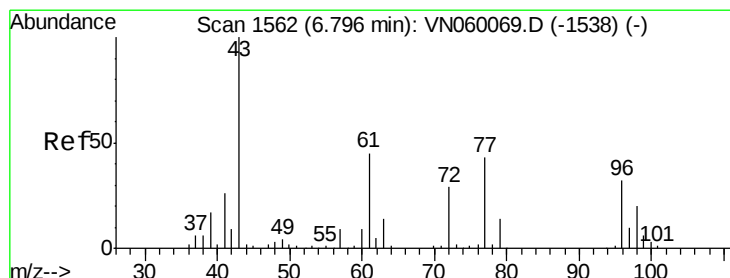
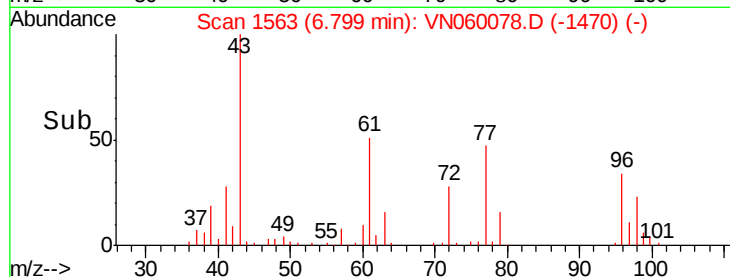
20000

10000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 20.802 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060078.D

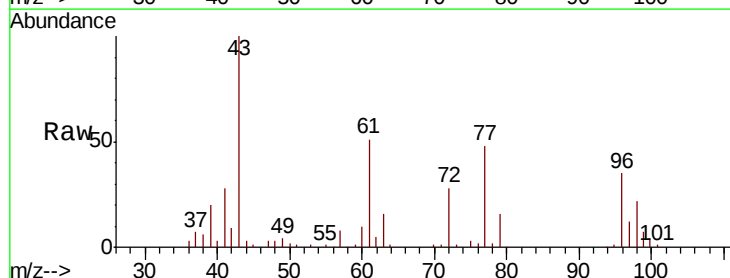
Acq: 12 Feb 2020 17:07

Tgt Ion: 77 Resp: 76505

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN060069.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN060069.D (-1538) (-)

6.80

25000

20000

15000

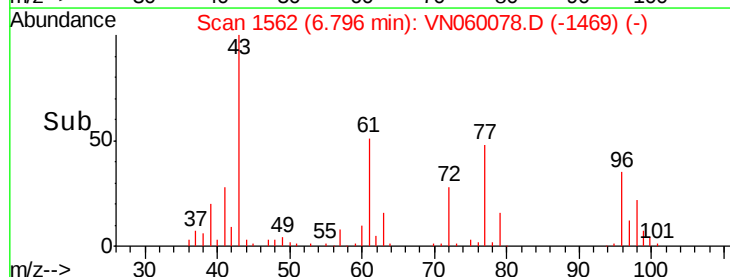
10000

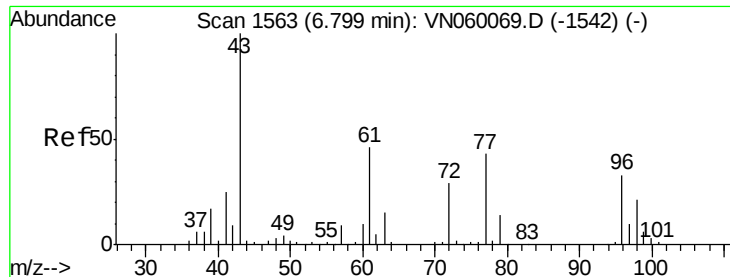
5000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 20.761 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :
MSVOA_N
ClientSampled :

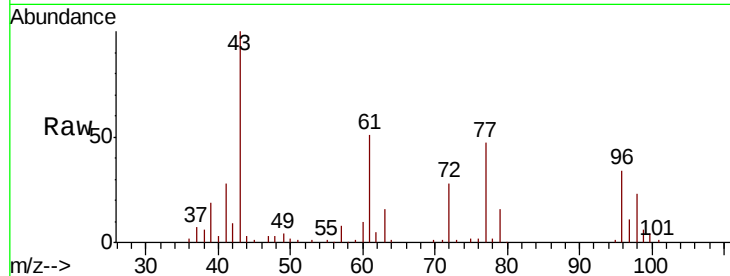
Tot Ion: 96 Resp: 52480

Ion Ratio Lower Upper

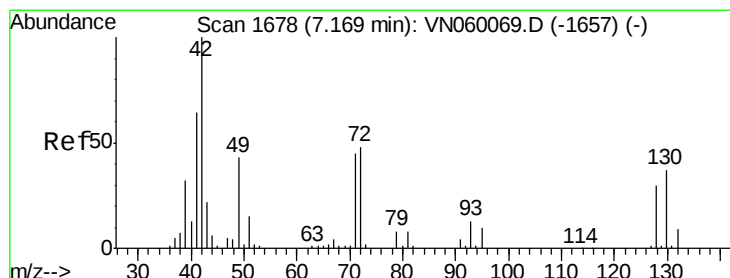
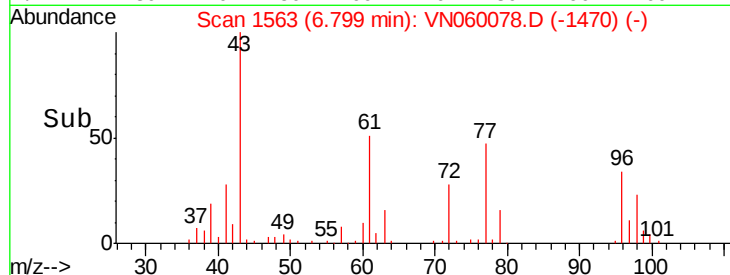
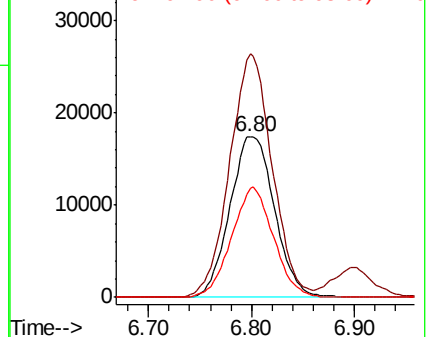
96 100

61 143.9 0.0 285.8

98 64.2 0.0 129.6



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



#28

Bromochloromethane

Concen: 20.430 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

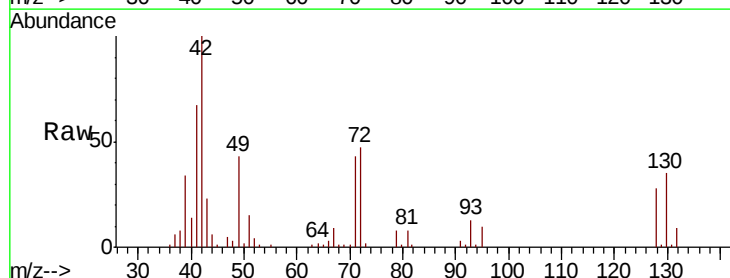
Tgt Ion: 49 Resp: 31099

Ion Ratio Lower Upper

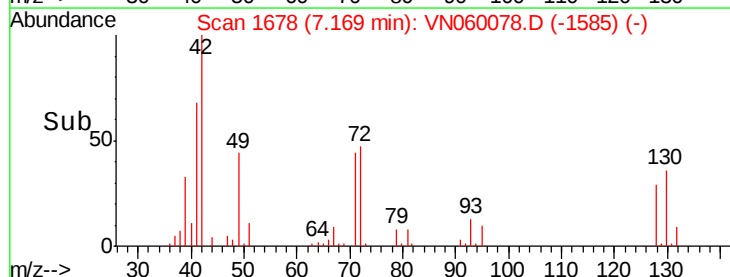
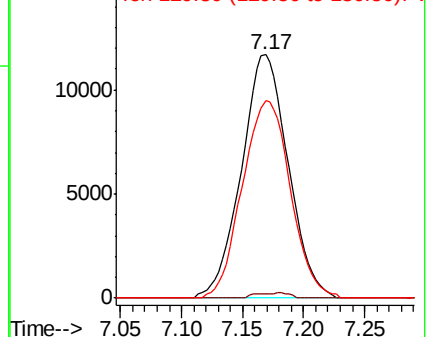
49 100

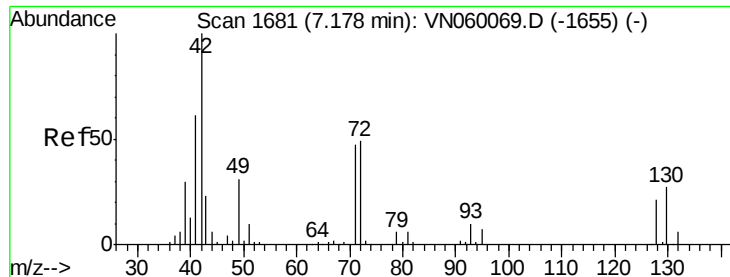
129 0.8 0.0 2.2

130 83.3 66.8 100.2



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

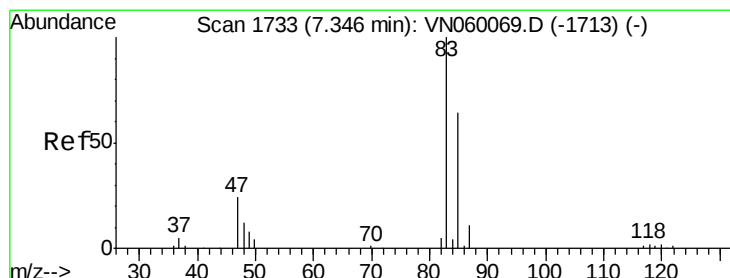
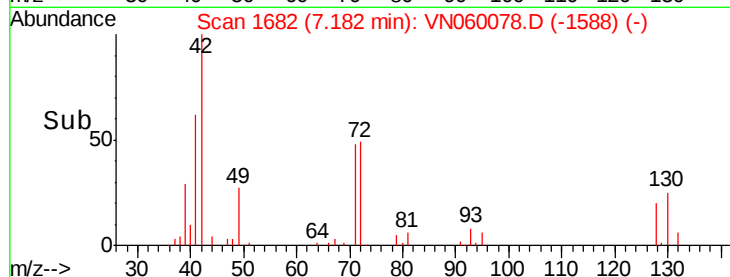
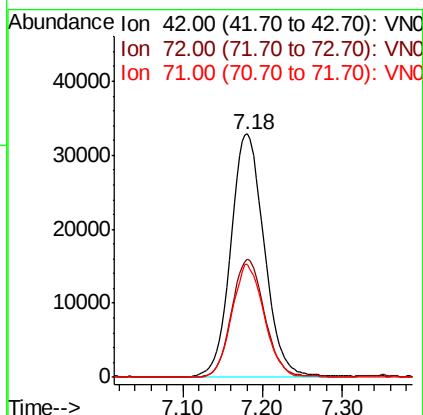
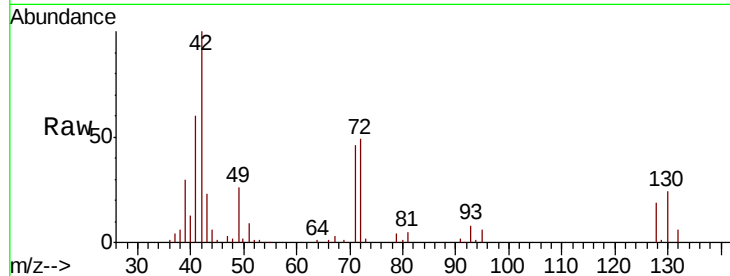




#29
Tetrahydrofuran
Concen: 108.950 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

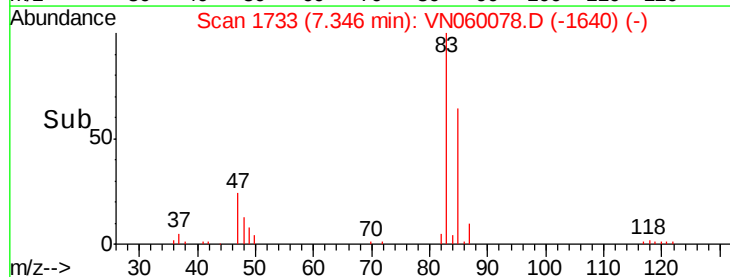
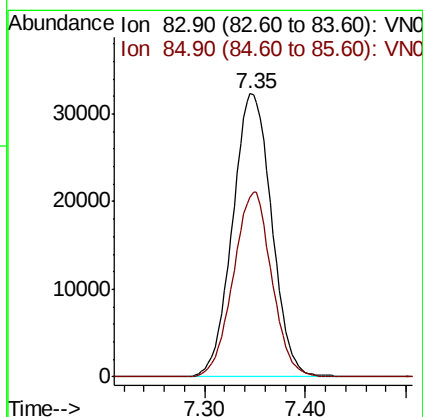
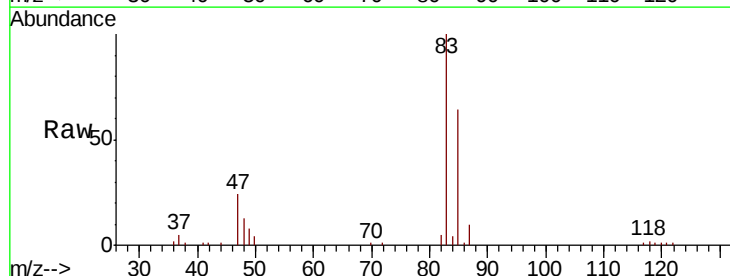
Instrument :
MSVOA_N
ClientSampled :

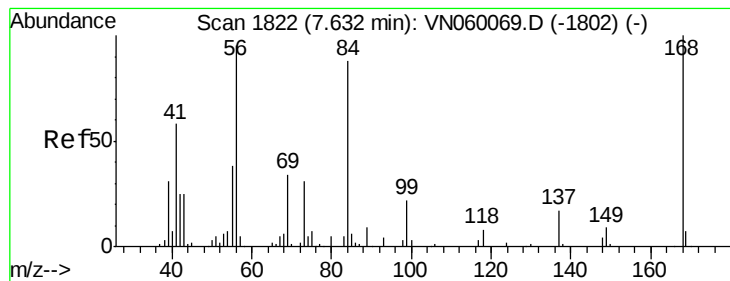
Tot Ion: 42 Resp: 93509
Ion Ratio Lower Upper
42 100
72 47.8 38.2 57.4
71 44.8 36.6 54.8



#30
Chloroform
Concen: 21.412 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 83 Resp: 86848
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.0





#31

Cyclohexane

Concen: 20.763 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :
MSVOA_N
ClientSampled :

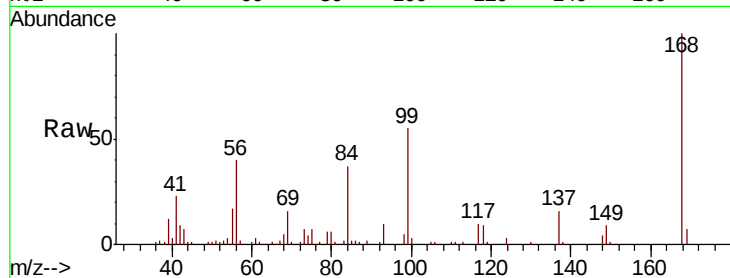
Tot Ion: 56 Resp: 74888

Ion Ratio Lower Upper

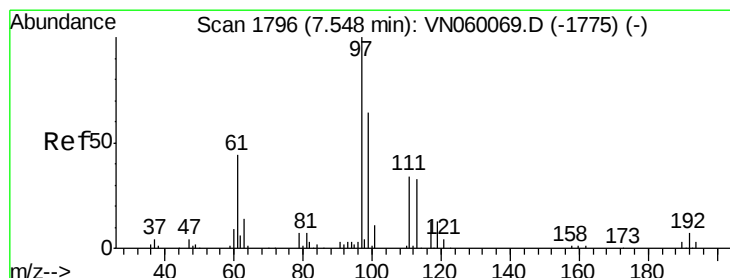
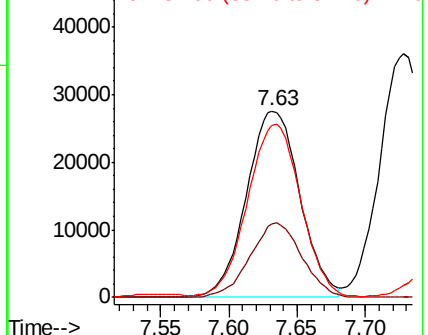
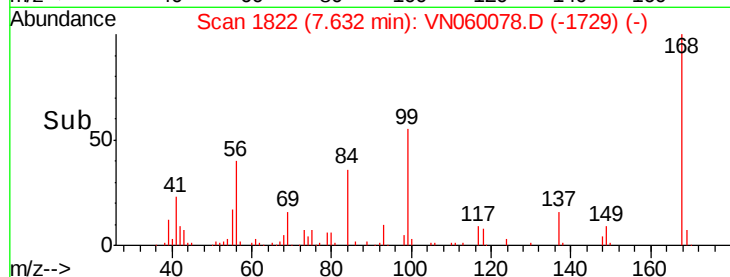
56 100

69 39.7 28.3 42.5

84 91.5 72.6 108.8



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



#32

1,1,1-Trichloroethane

Concen: 21.205 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

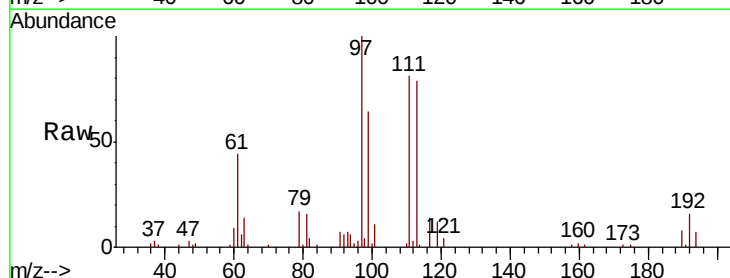
Tgt Ion: 97 Resp: 78595

Ion Ratio Lower Upper

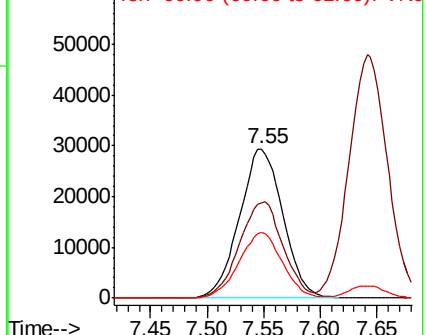
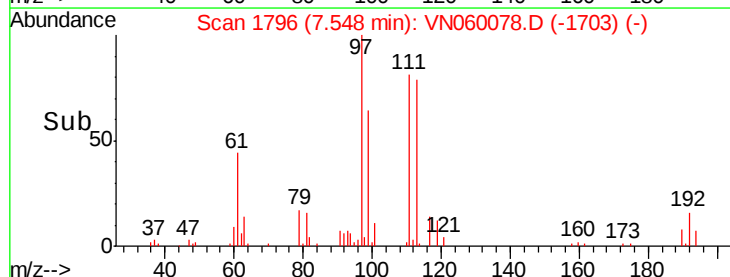
97 100

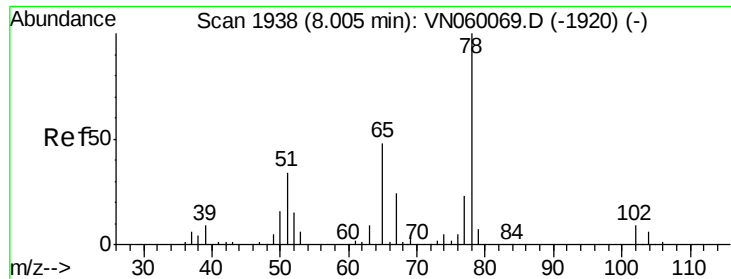
99 64.7 51.4 77.0

61 43.7 34.9 52.3



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

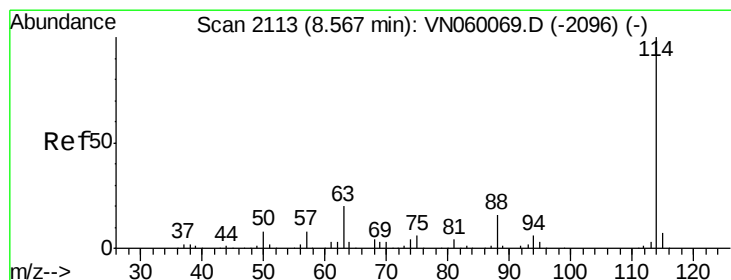
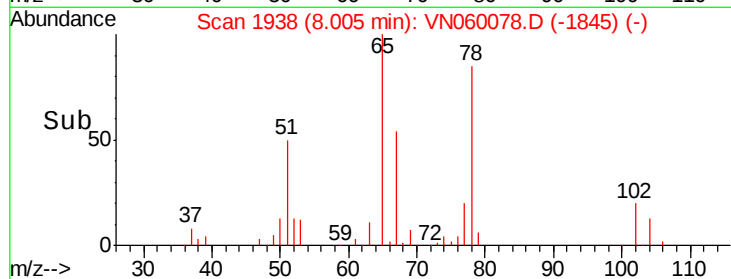
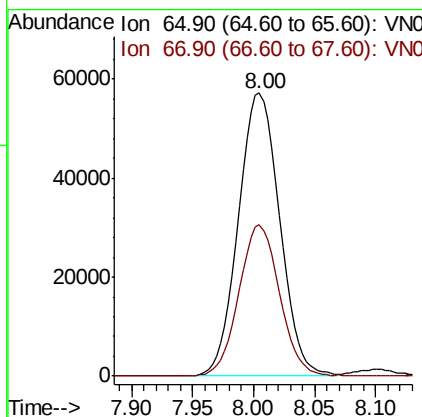
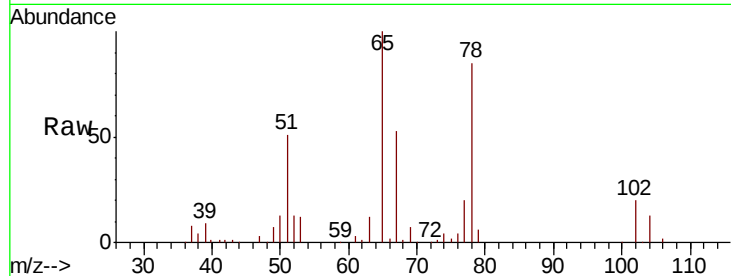




#33
 1,2-Dichloroethane-d4
 Concen: 52.683 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

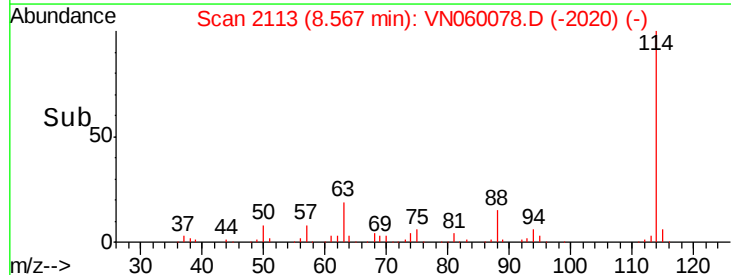
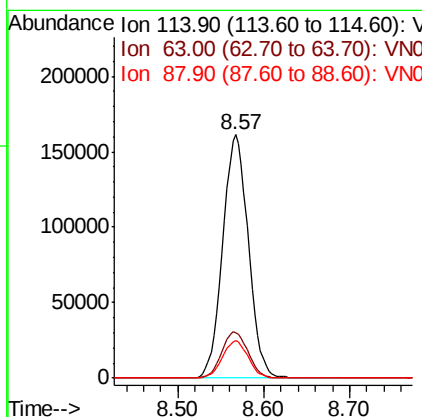
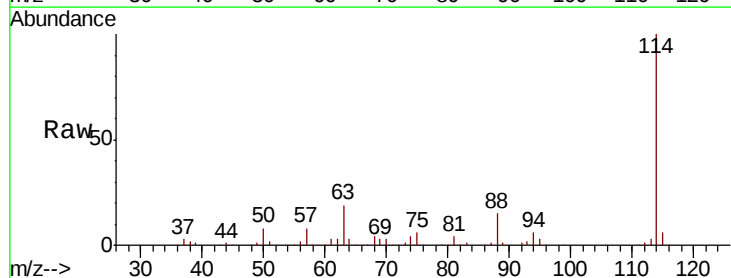
Instrument :
 MSVOA_N
 ClientSampleId :

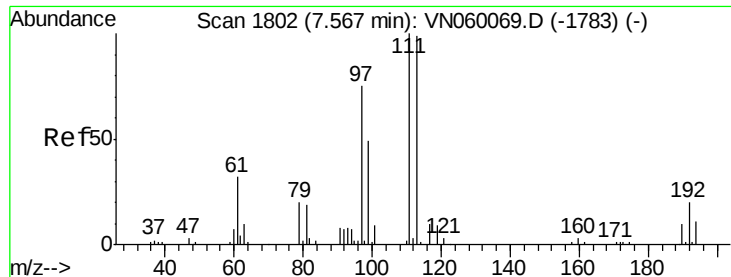
Tot Ion: 65 Resp: 134353
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

Tgt Ion: 114 Resp: 334840
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 15.3 0.0 31.6

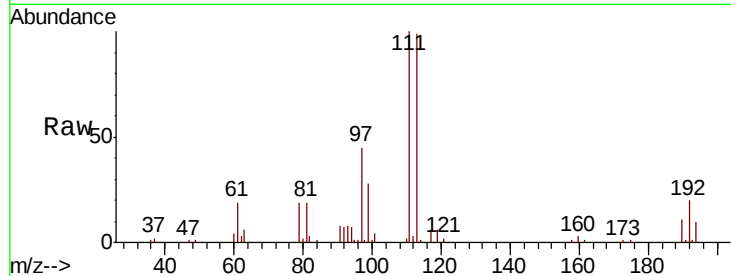




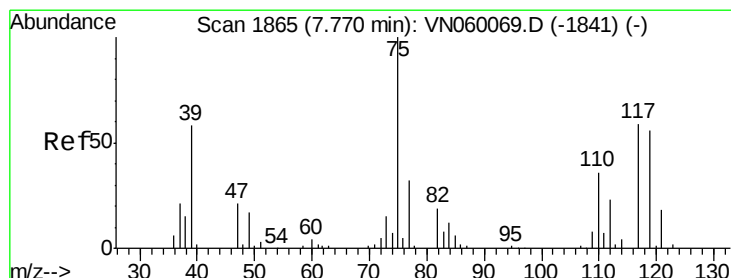
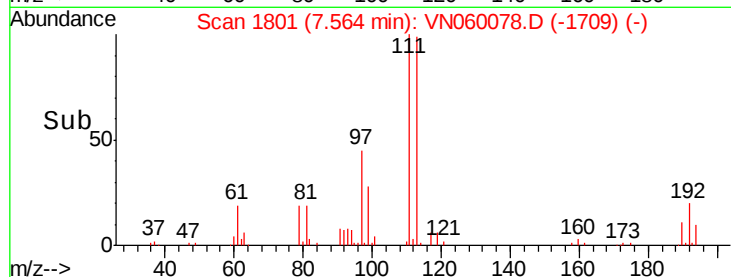
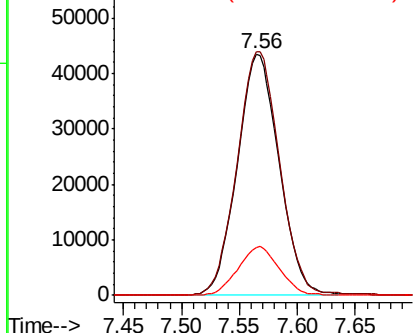
#35
Dibromofluoromethane
Concen: 52.900 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:113 Resp: 108883
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.2
192 19.9 16.2 24.2

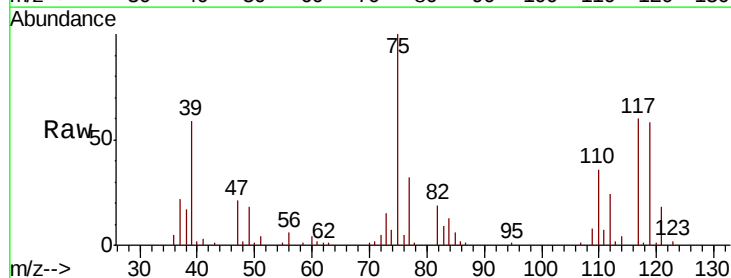


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

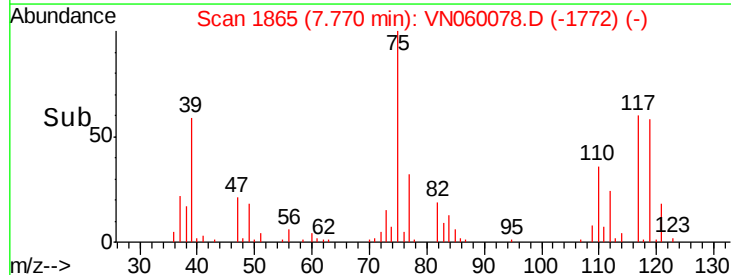
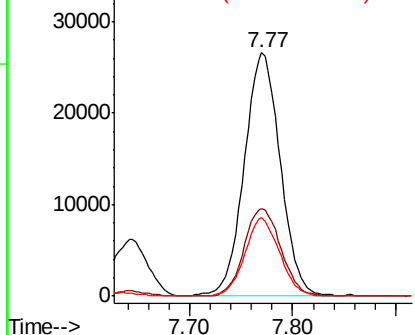


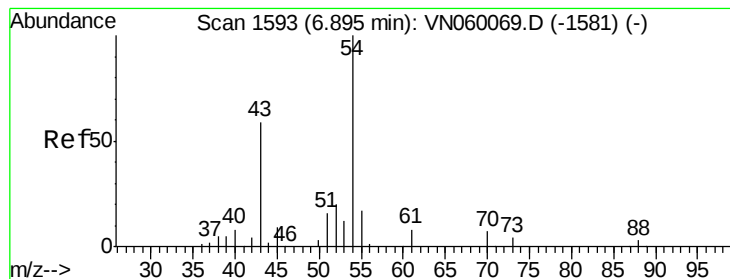
#36
1,1-Dichloropropene
Concen: 20.851 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 75 Resp: 64667
Ion Ratio Lower Upper
75 100
110 36.4 18.1 54.3
77 30.8 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: 21.235 ug/l

RT: 6.90 min Scan# 1594

Delta R.T. 0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

ClientSampled :

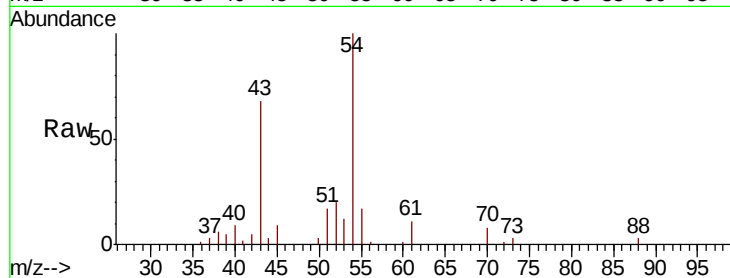
Tot Ion: 43 Resp: 59522

Ion Ratio Lower Upper

43 100

61 13.5 11.4 17.2

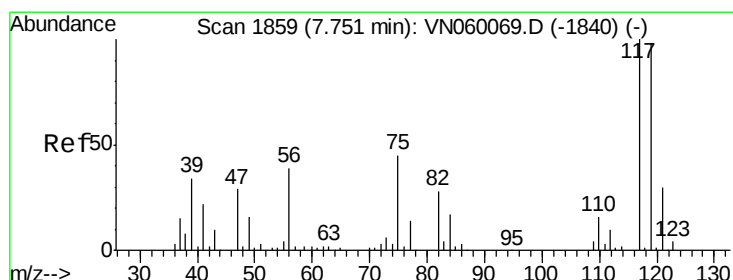
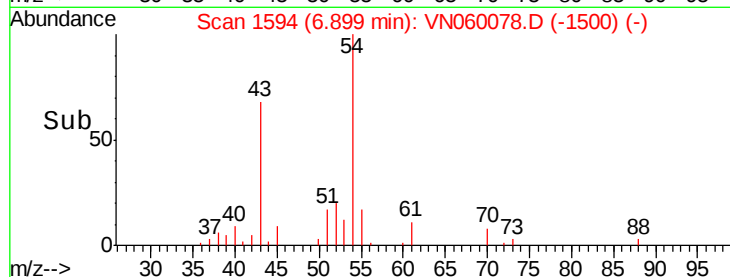
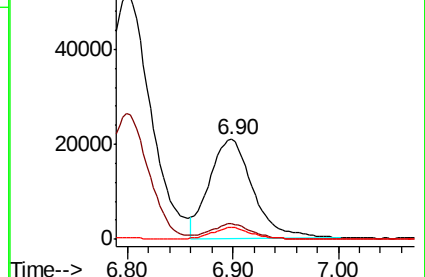
70 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1581) (-)

Ion 60.90 (60.60 to 61.60): VN060069.D (-1581) (-)

Ion 70.00 (69.70 to 70.70): VN060069.D (-1581) (-)



#38

Carbon Tetrachloride

Concen: 20.918 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

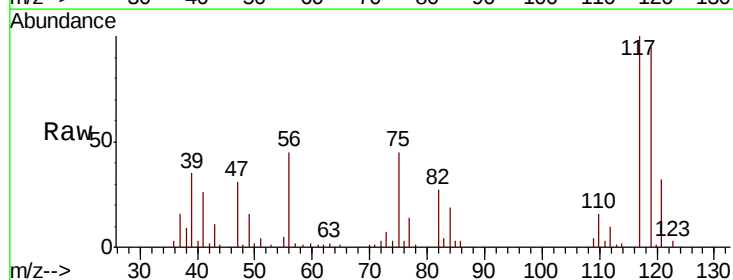
Tgt Ion: 117 Resp: 70457

Ion Ratio Lower Upper

117 100

119 94.6 78.2 117.4

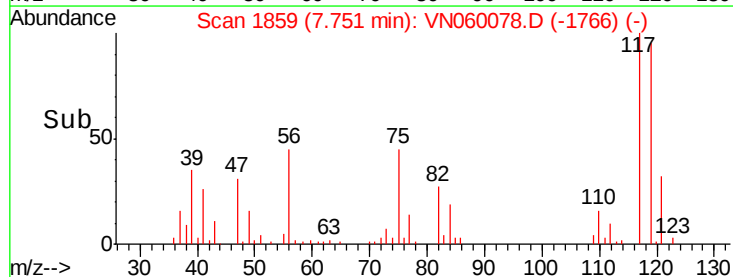
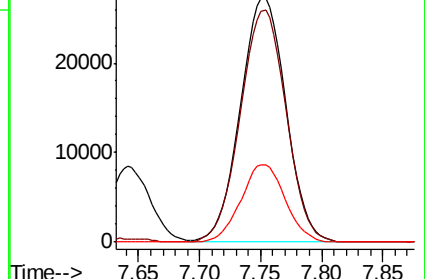
121 31.8 24.2 36.2

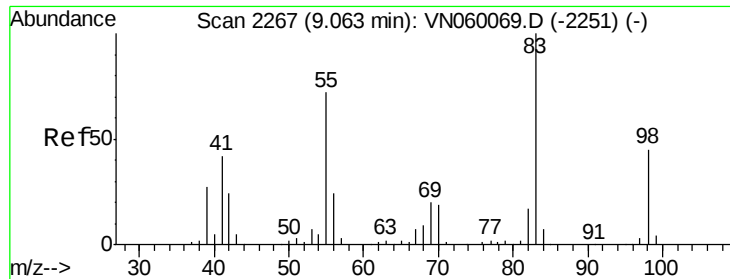


Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-1840) (-)

Ion 118.80 (118.50 to 119.50): VN060069.D (-1840) (-)

Ion 120.80 (120.50 to 121.50): VN060069.D (-1840) (-)

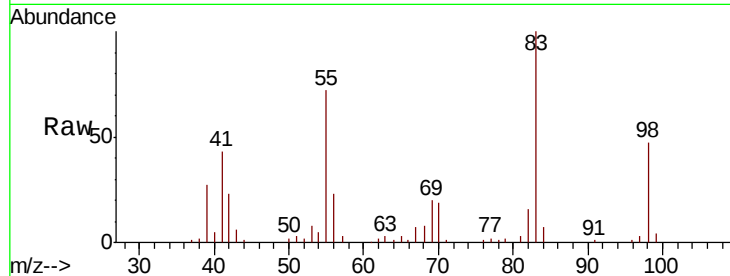




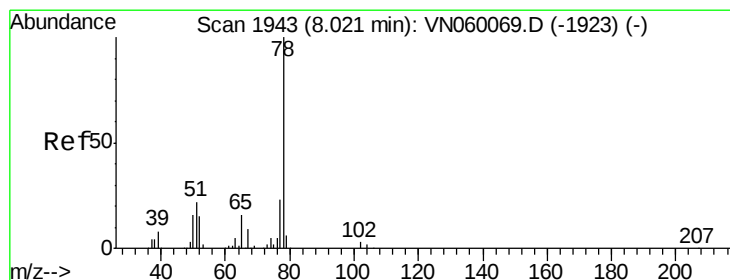
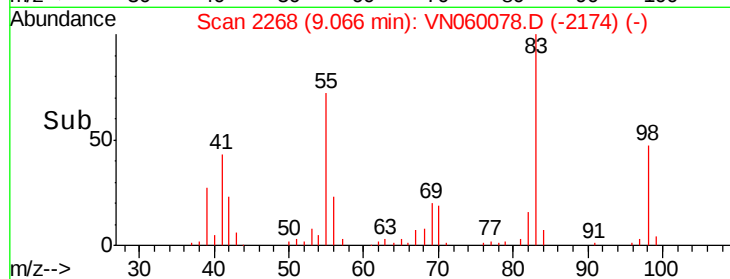
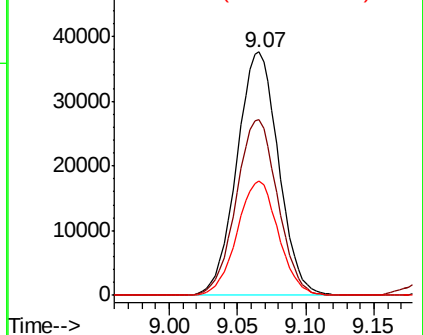
#39
Methvlcvclohexane
Concen: 20.737 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 79834
Ion Ratio Lower Upper
83 100
55 72.1 57.8 86.8
98 47.0 36.4 54.6

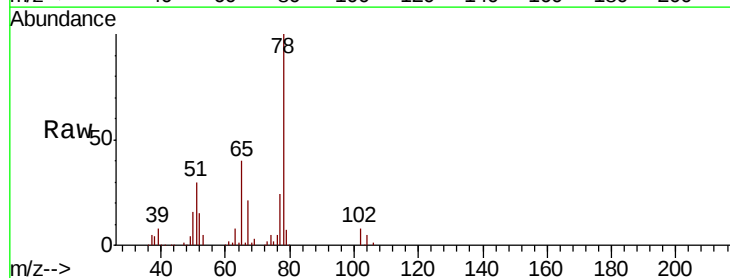


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

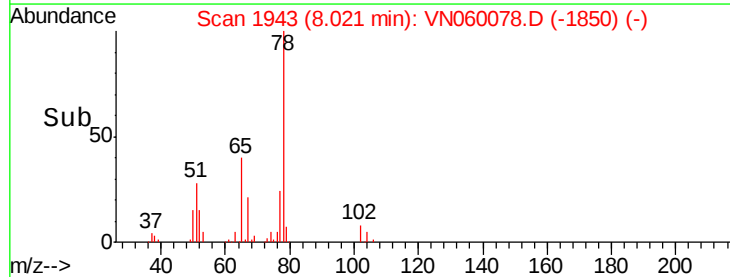
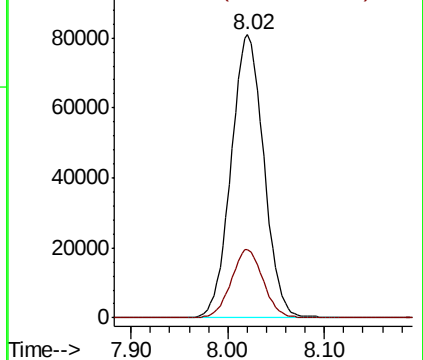


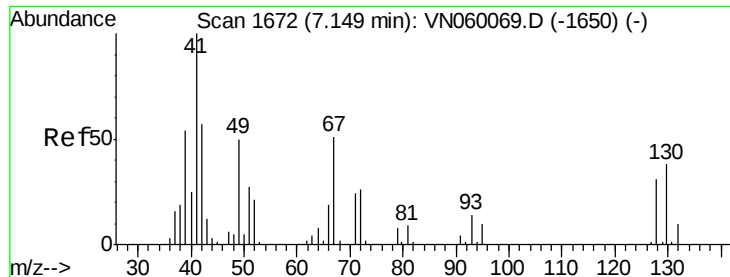
#40
Benzene
Concen: 20.659 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 78 Resp: 190062
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2



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

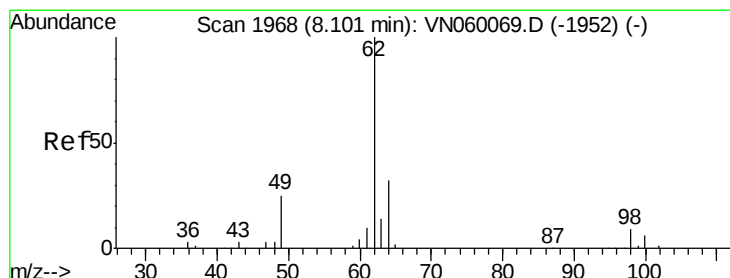
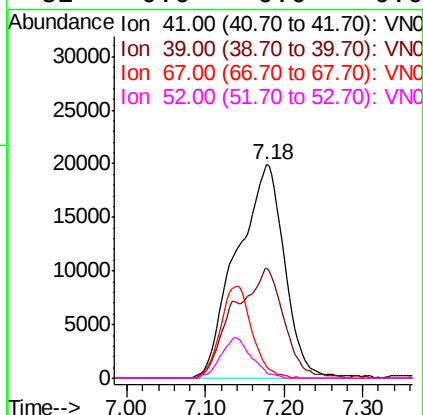
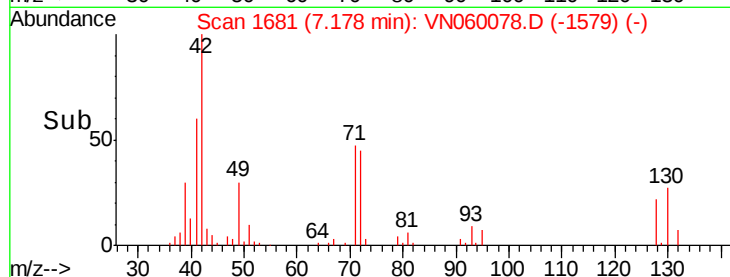
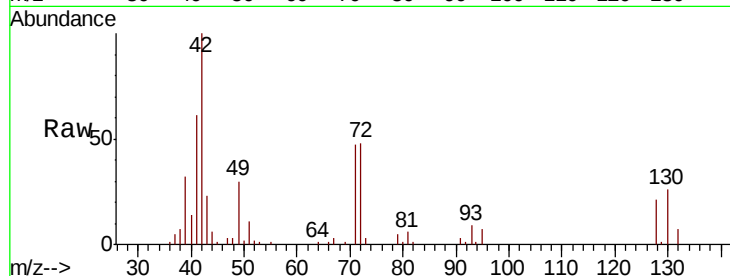




#41
Methacrylonitrile
Concen: 72.170 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

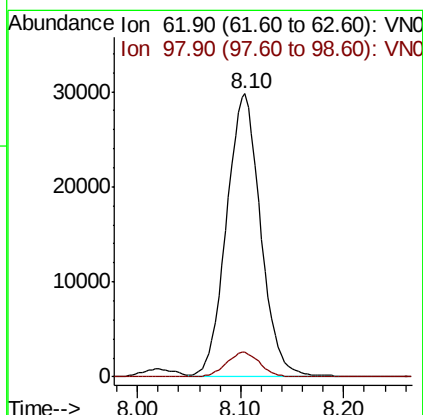
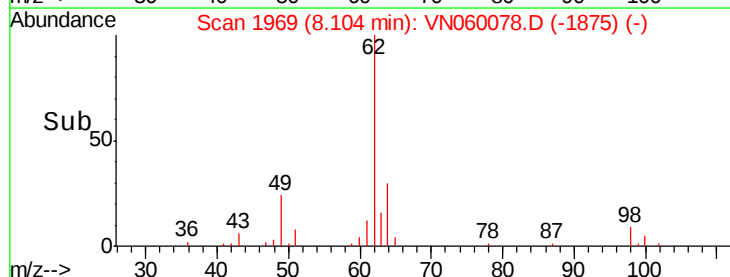
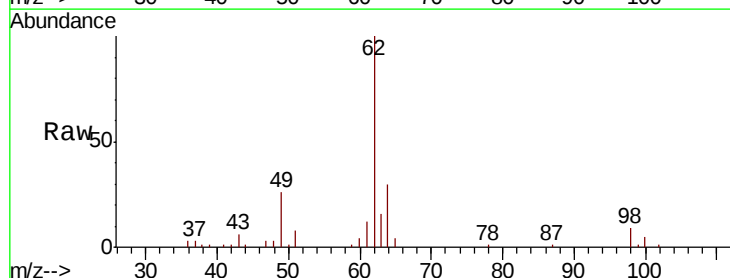
Instrument :
MSVOA_N
ClientSampled :

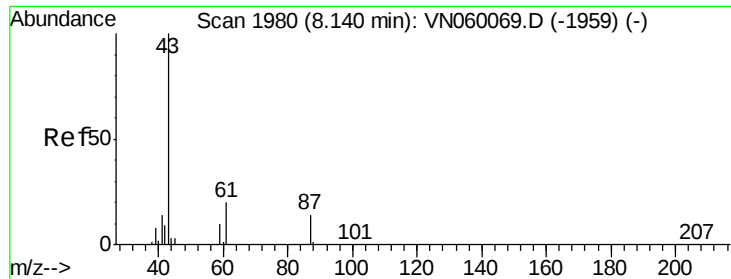
Tot Ion:	41	Resp:	84835
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.347 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion:	62	Resp:	68834
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2

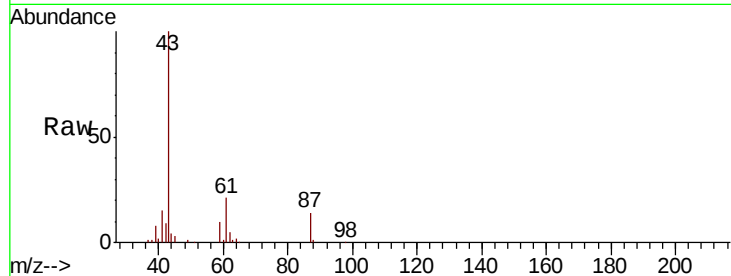




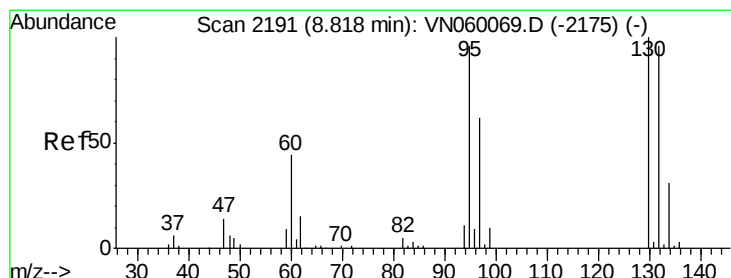
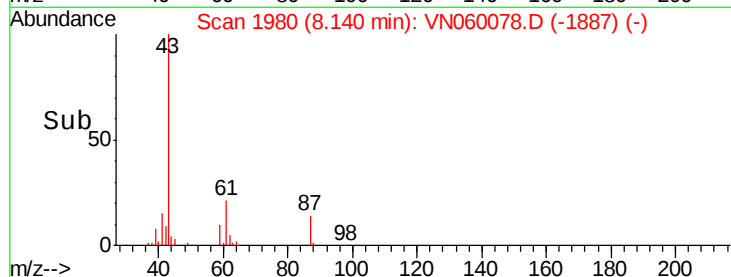
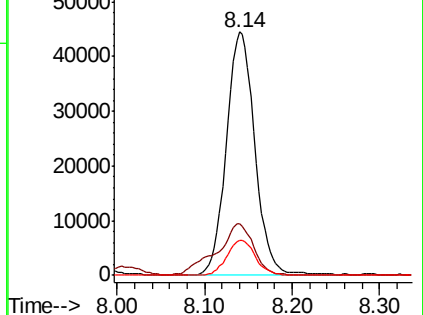
#43
Isopropyl Acetate
Concen: 21.048 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 100849
Ion Ratio Lower Upper
43 100
61 27.3 21.8 32.6
87 14.3 11.4 17.2

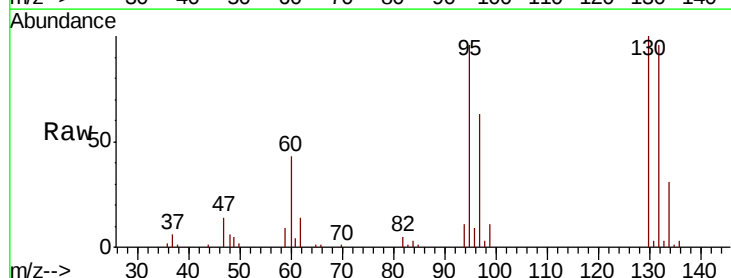


Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)
Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)
Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)

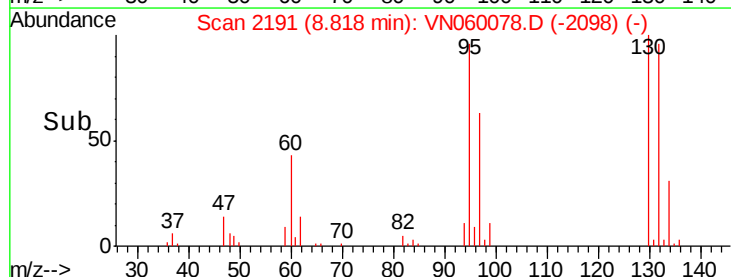
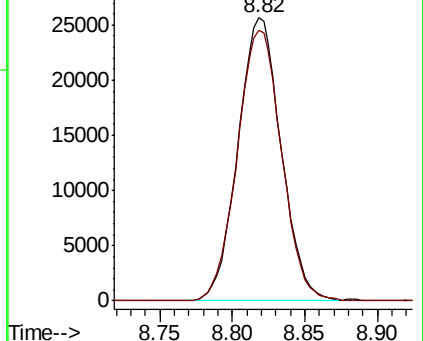


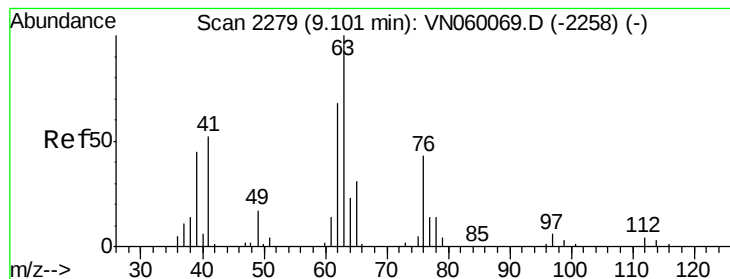
#44
Trichloroethene
Concen: 20.818 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 130 Resp: 53032
Ion Ratio Lower Upper
130 100
95 95.8 0.0 192.4



Abundance Ion 129.80 (129.50 to 130.50): VN060069.D (-2175) (-)
Ion 94.90 (94.60 to 95.60): VN060069.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 21.406 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

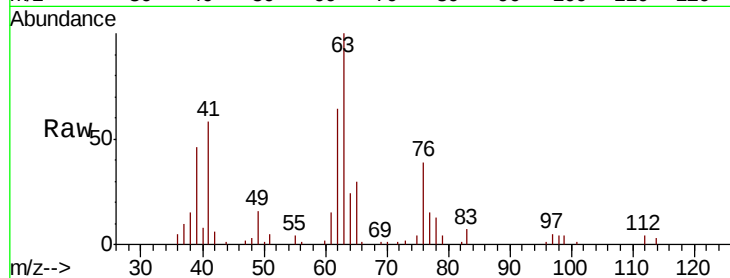
ClientSampled :

Tot Ion: 63 Resp: 48757

Ion Ratio Lower Upper

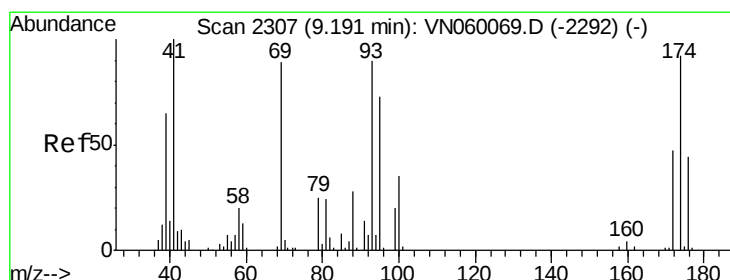
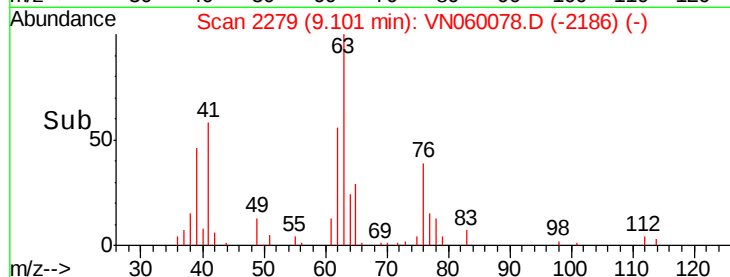
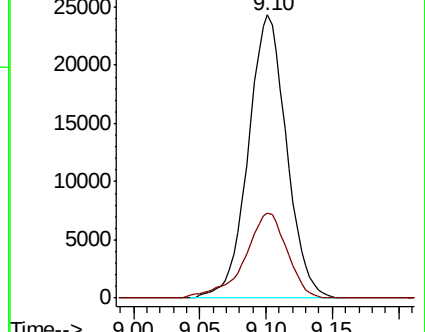
63 100

65 30.3 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN060069.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN060069.D (-2258) (-)



#46

Dibromomethane

Concen: 20.945 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

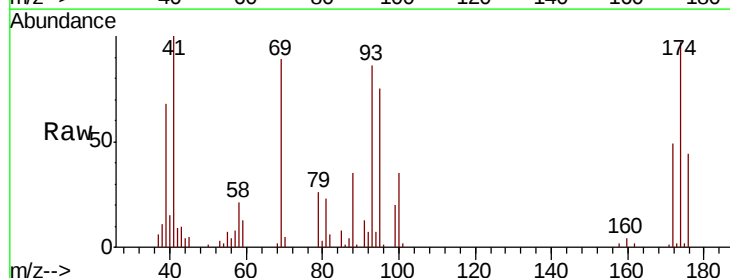
Tgt Ion: 93 Resp: 33713

Ion Ratio Lower Upper

93 100

95 82.5 65.0 97.6

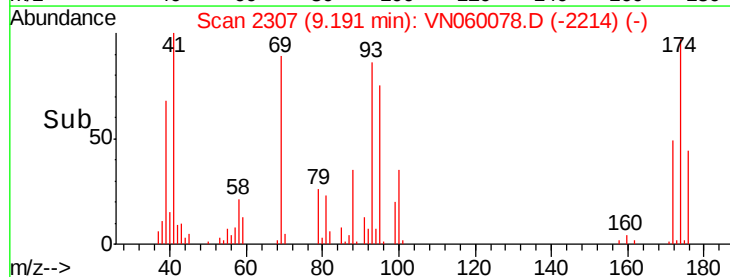
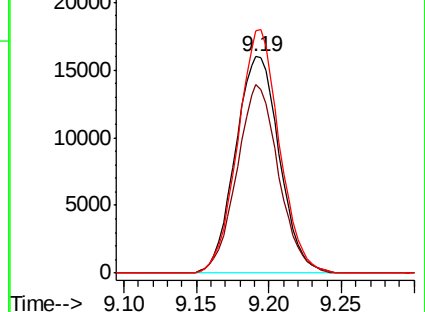
174 106.6 82.3 123.5

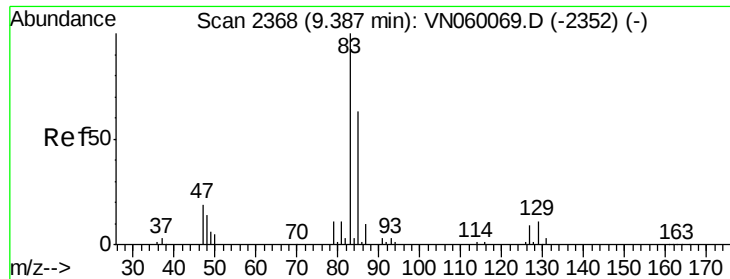


Abundance Ion 92.80 (92.50 to 93.50): VN060069.D (-2292) (-)

Ion 94.80 (94.50 to 95.50): VN060069.D (-2292) (-)

Ion 173.70 (173.40 to 174.40): VN060069.D (-2292) (-)

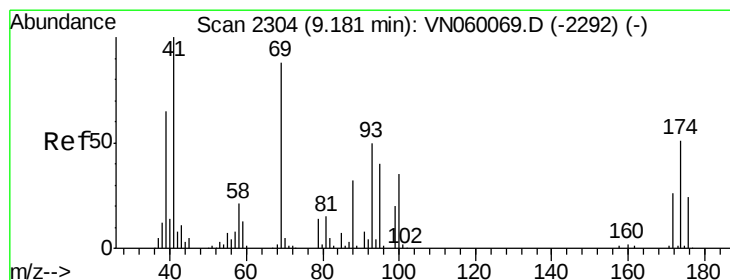
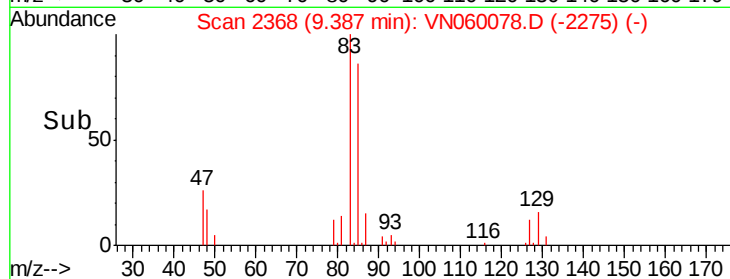
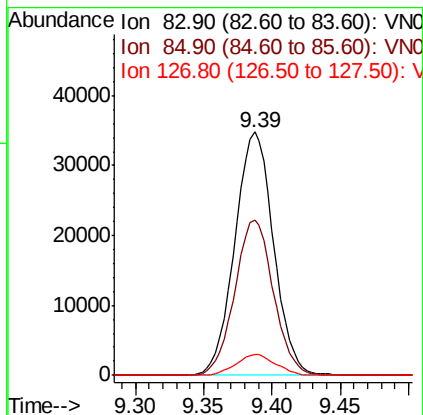
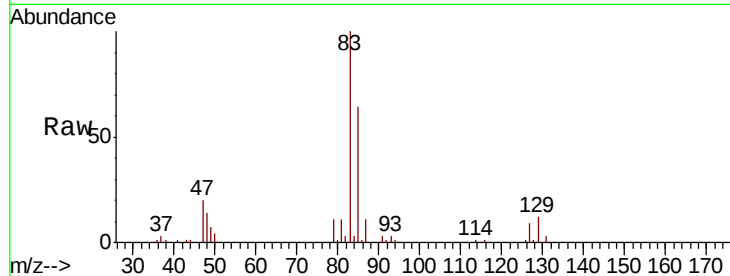




#47
Bromodichloromethane
Concen: 20.976 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

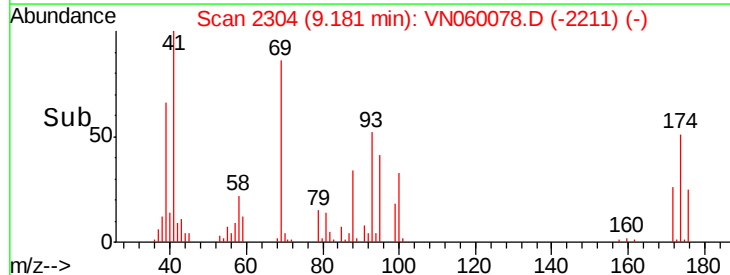
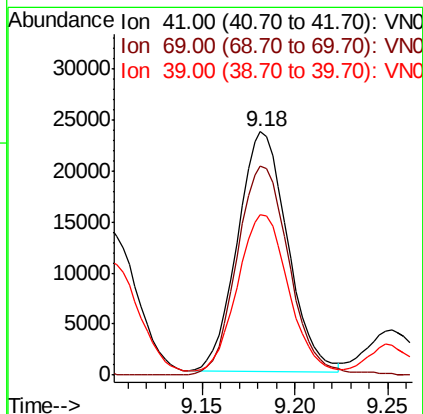
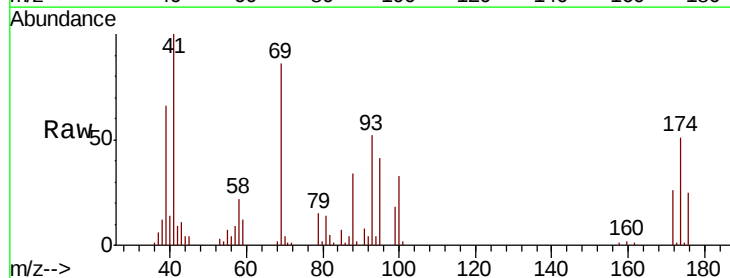
Instrument :
MSVOA_N
ClientSampleId :

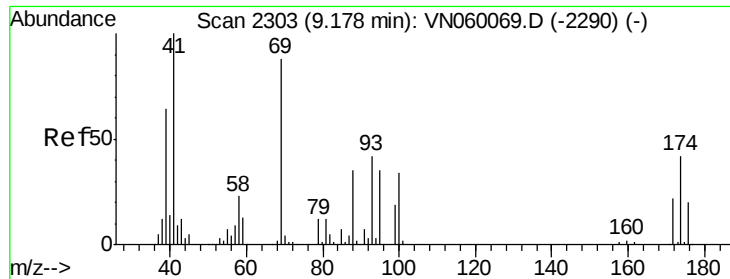
Tot Ion: 83 Resp: 68641
Ion Ratio Lower Upper
83 100
85 64.0 50.6 75.8
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 20.423 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 41 Resp: 43904
Ion Ratio Lower Upper
41 100
69 91.0 72.0 108.0
39 66.2 54.1 81.1

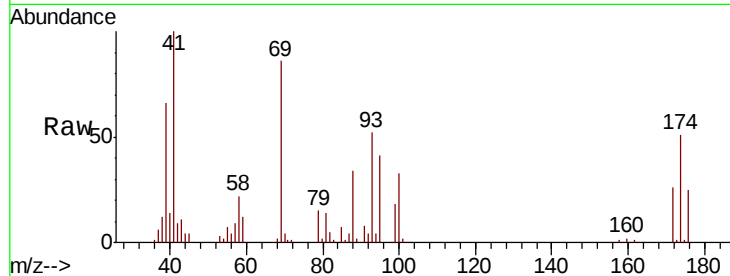




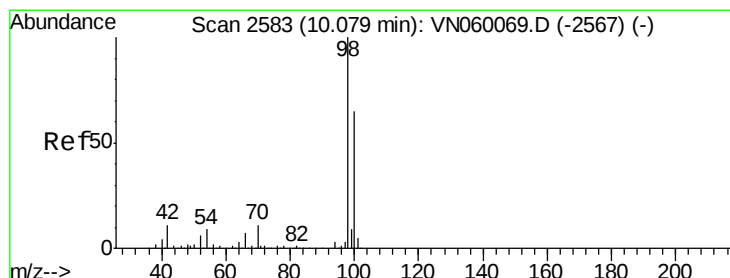
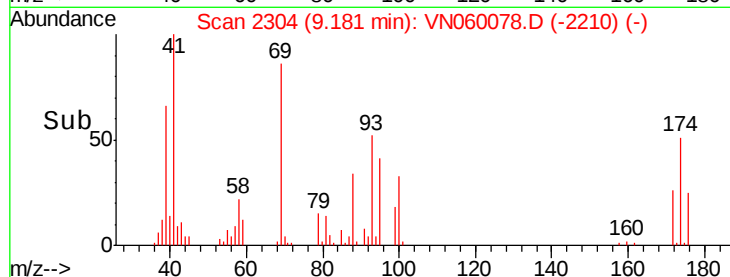
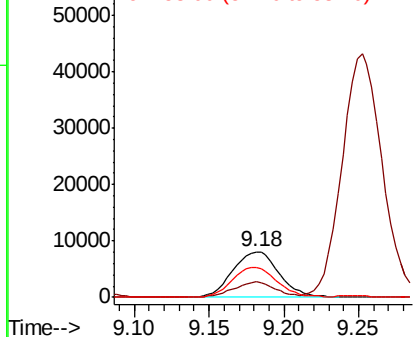
#49
 1,4-Dioxane
 Concen: 476.956 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 17519
 Ion Ratio Lower Upper
 88 100
 43 30.7 26.2 39.2
 58 63.2 53.2 79.8

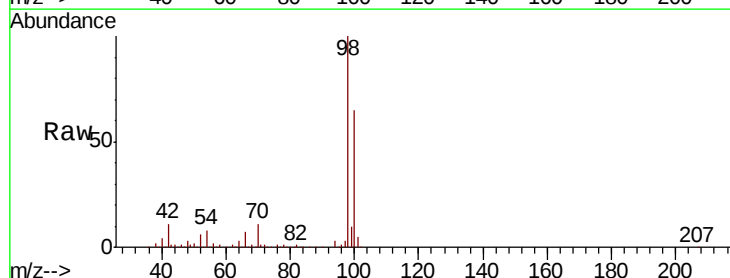


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

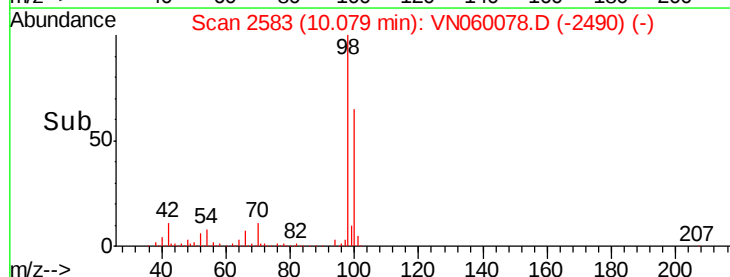
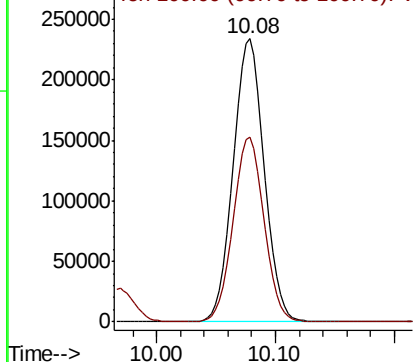


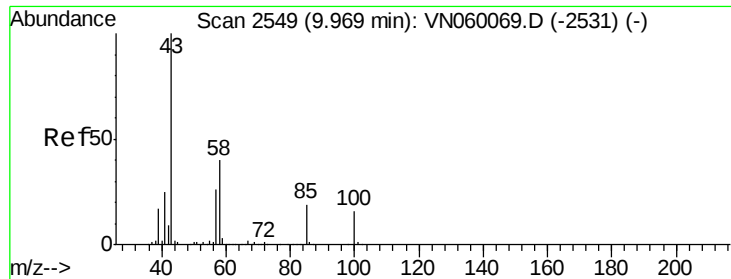
#50
 Toluene-d8
 Concen: 52.091 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

Tgt Ion: 98 Resp: 422218
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.7 77.5



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

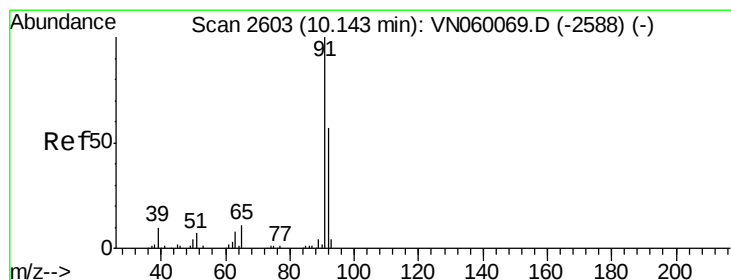
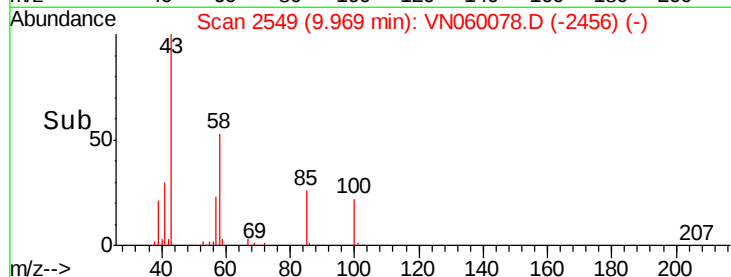
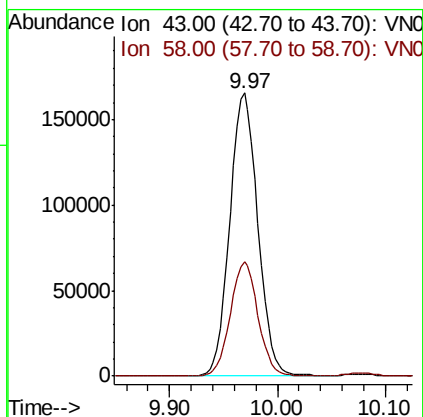
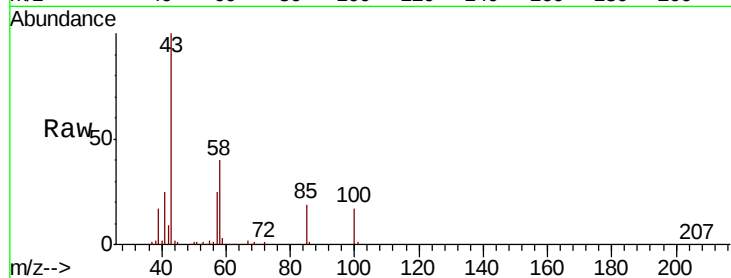




#51
 4-Methyl-2-Pentanone
 Concen: 107.817 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

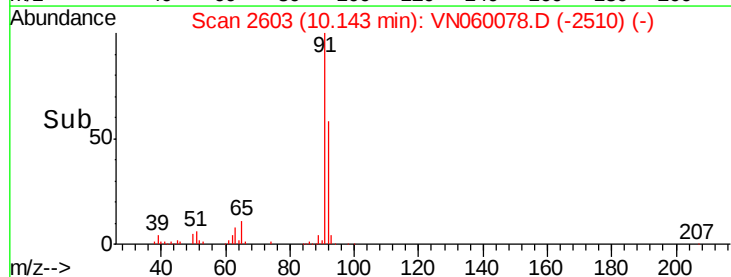
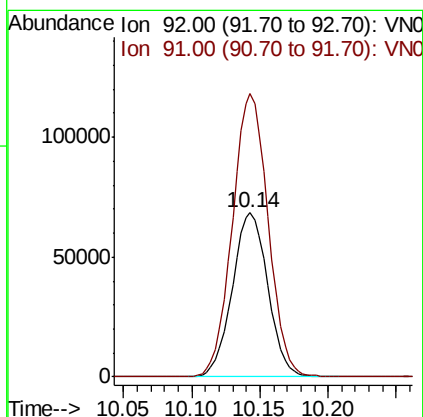
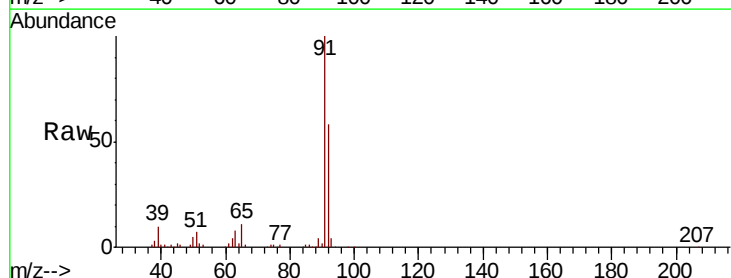
Instrument :
 MSVOA_N
 ClientSampled :

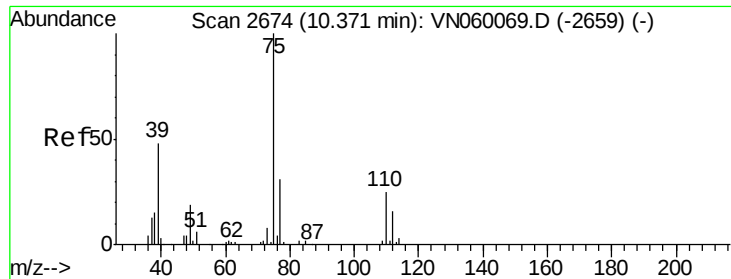
Tot Ion: 43 Resp: 299016
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.8 47.8



#52
 Toluene
 Concen: 20.972 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

Tgt Ion: 92 Resp: 123729
 Ion Ratio Lower Upper
 92 100
 91 173.8 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 20.920 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

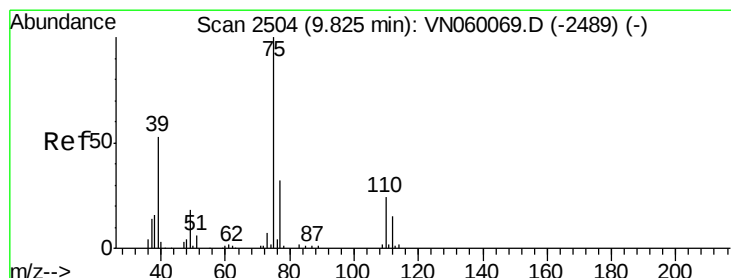
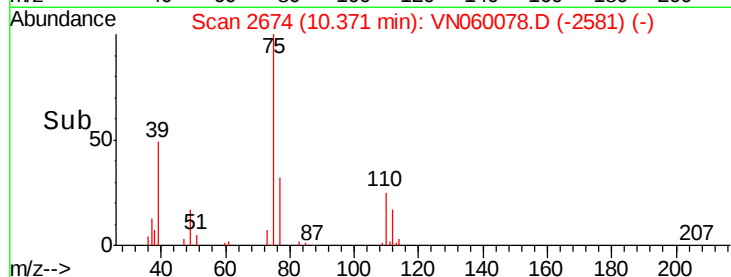
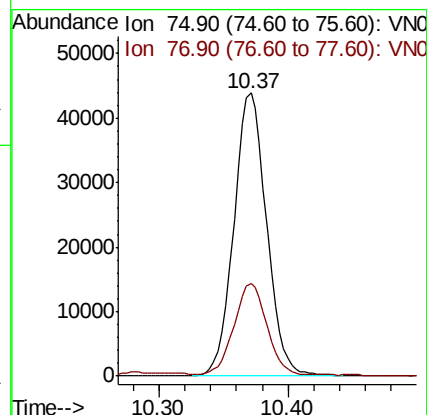
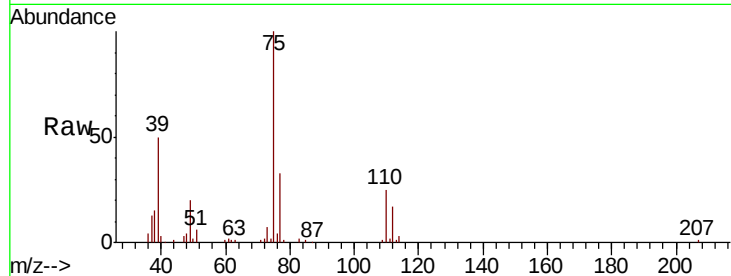
ClientSampled :

Tot Ion: 75 Resp: 77274

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 20.817 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

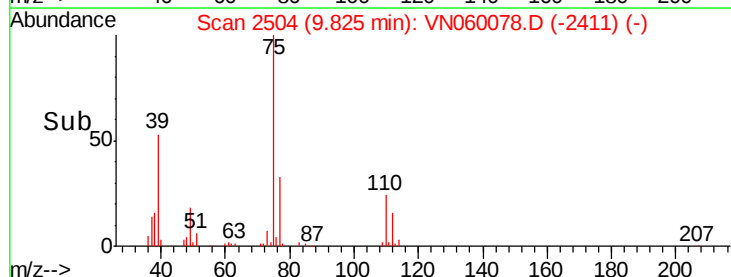
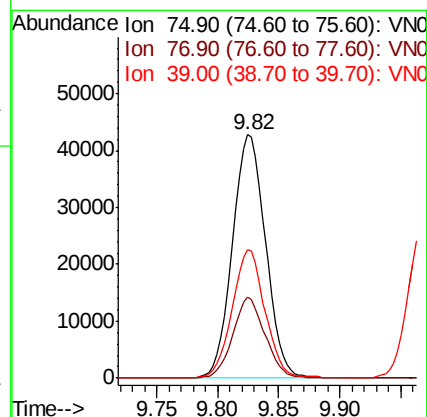
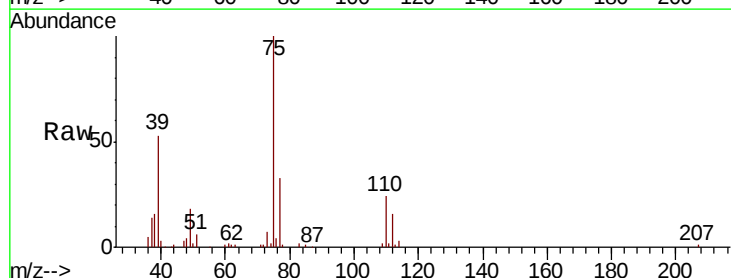
Tgt Ion: 75 Resp: 80968

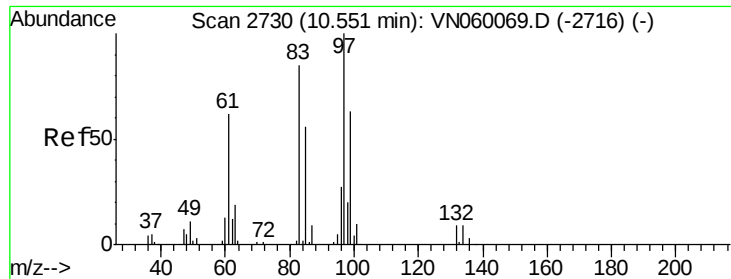
Ion Ratio Lower Upper

75 100

77 33.1 25.6 38.4

39 52.8 42.2 63.4

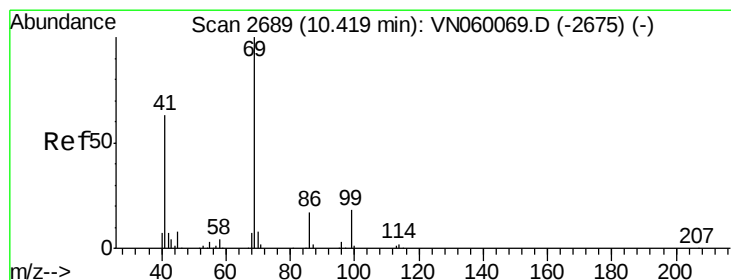
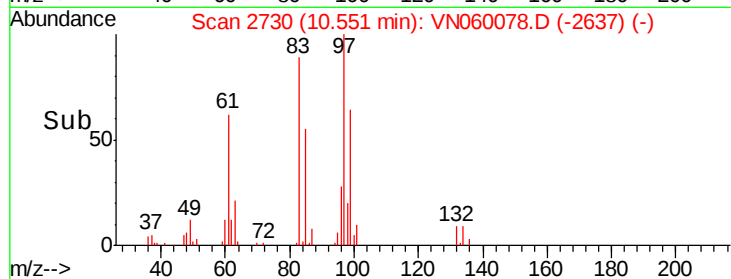
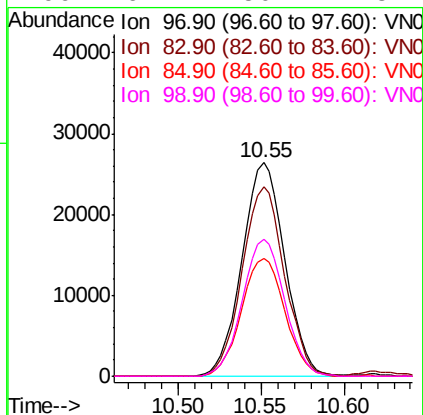
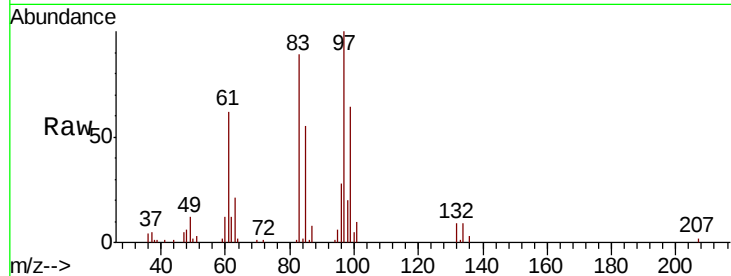




#55
 1,1,2-Trichloroethane
 Concen: 20.591 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

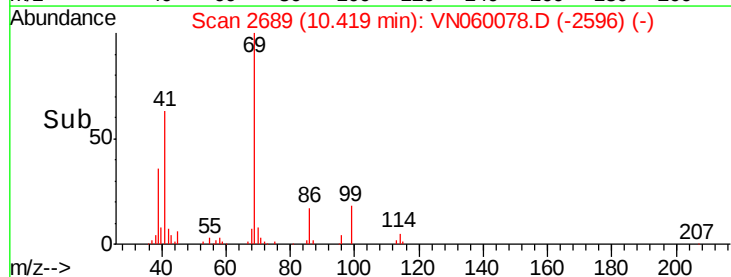
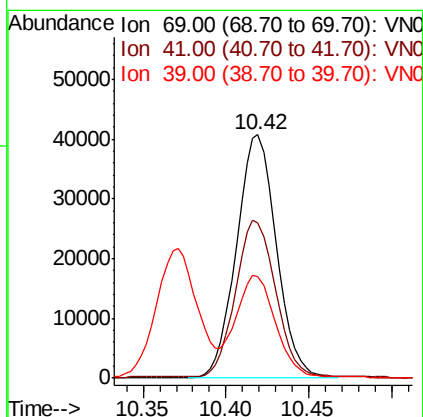
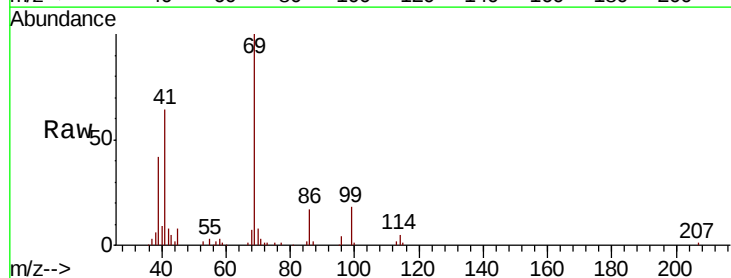
Instrument :
 MSVOA_N
 ClientSampleId :

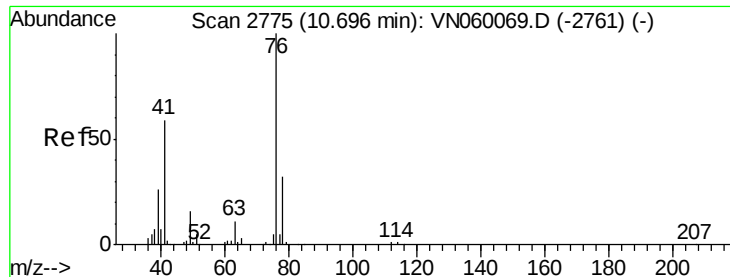
Tot Ion:	97	Resp:	47392
Ion	Ratio	Lower	Upper
97	100		
83	88.7	67.9	101.9
85	55.3	44.6	67.0
99	64.2	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 21.047 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

Tgt Ion:	69	Resp:	68528
Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.1	76.7
39	42.3	33.8	50.8

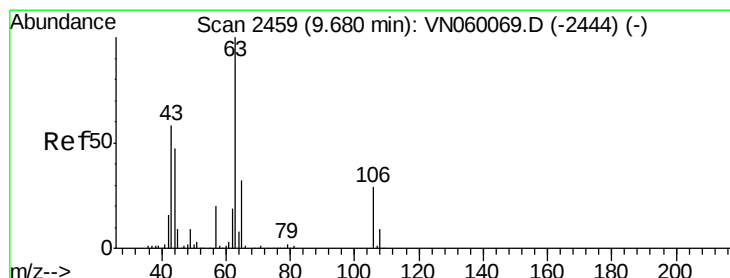
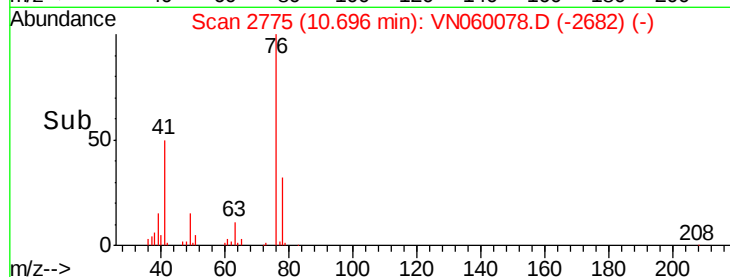
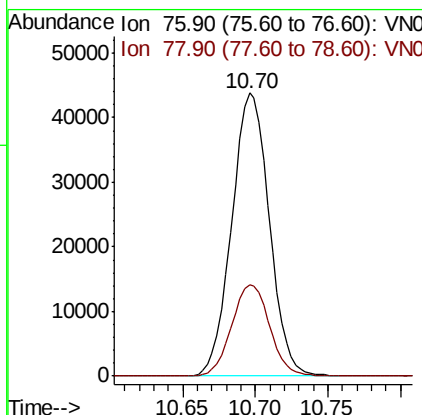
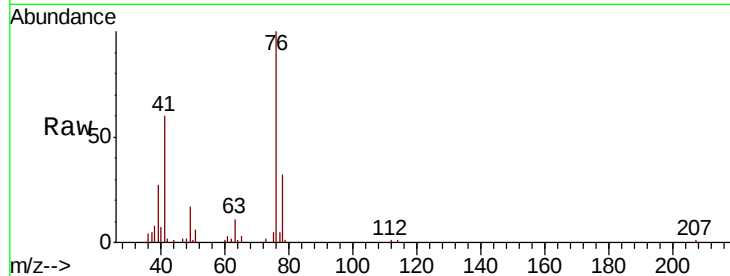




#57
 1,3-Dichloropropane
 Concen: 20.730 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

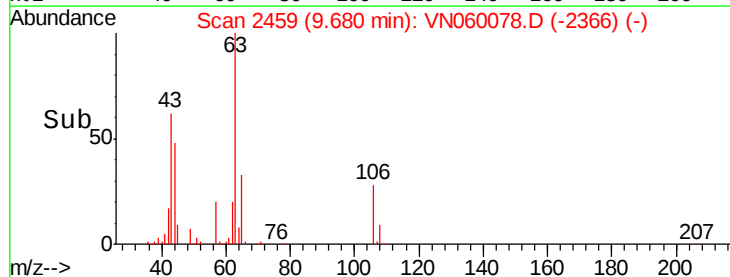
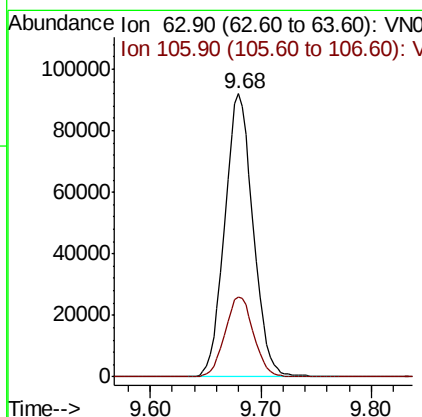
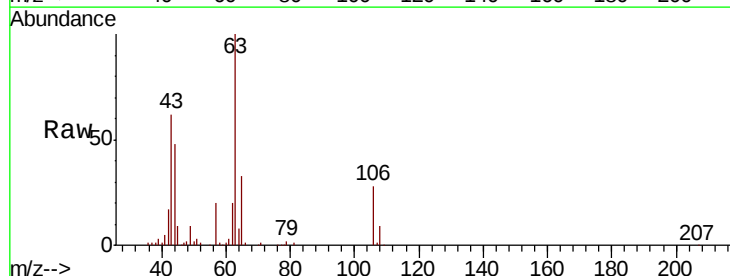
Instrument :
 MSVOA_N
 ClientSampleId :

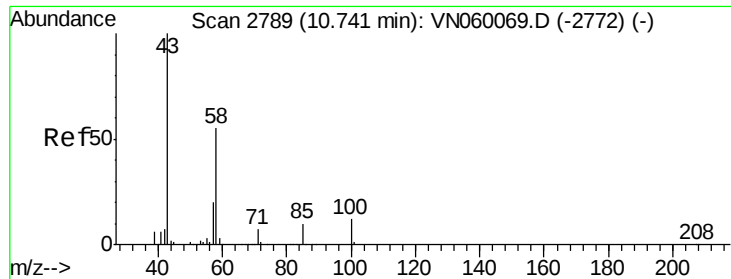
Tot Ion: 76 Resp: 78727
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.089 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

Tgt Ion: 63 Resp: 163952
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.9 34.3

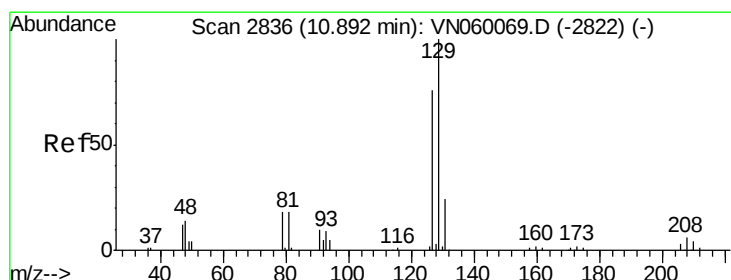
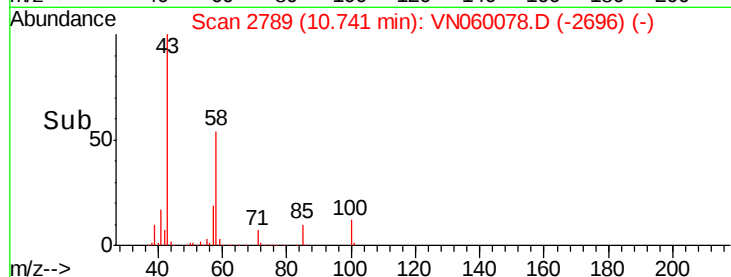
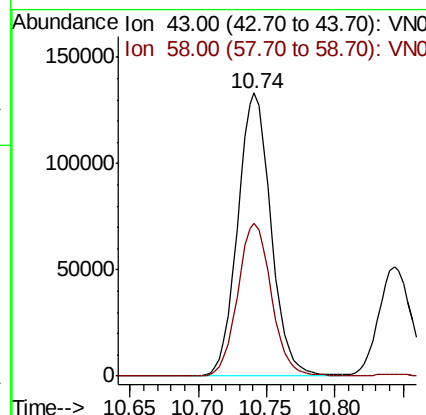
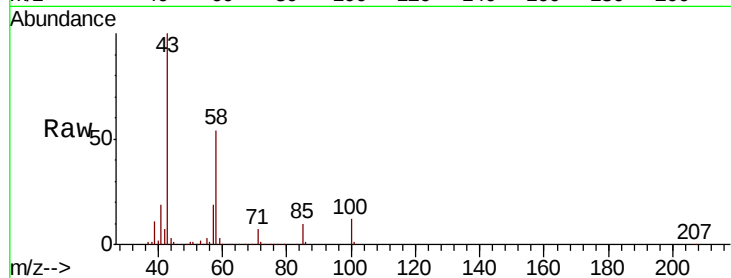




#59
2-Hexanone
Concen: 105.553 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

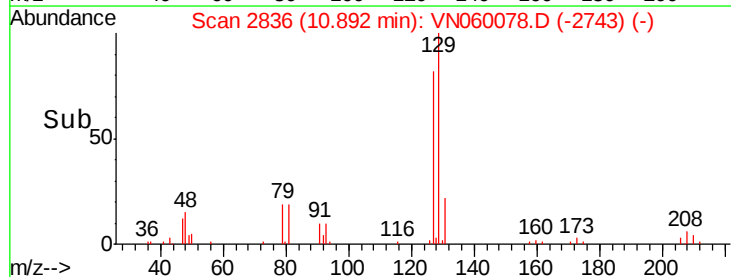
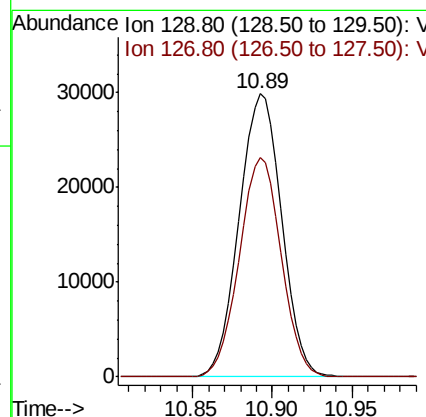
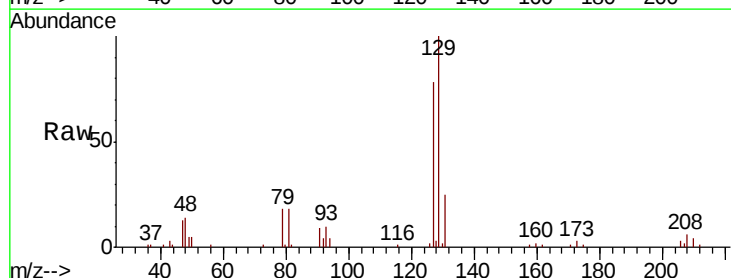
Instrument :
MSVOA_N
ClientSampled :

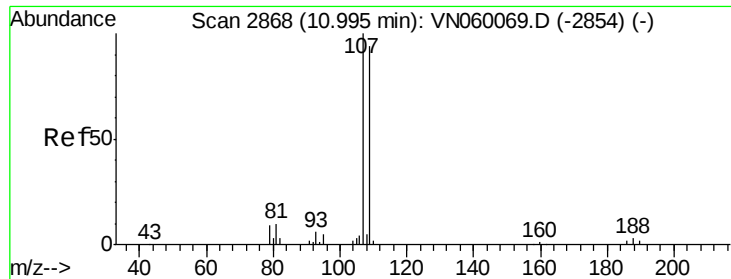
Tot Ion: 43 Resp: 226132
Ion Ratio Lower Upper
43 100
58 54.6 27.5 82.4



#60
Dibromochloromethane
Concen: 20.532 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 129 Resp: 54229
Ion Ratio Lower Upper
129 100
127 76.2 38.0 114.1

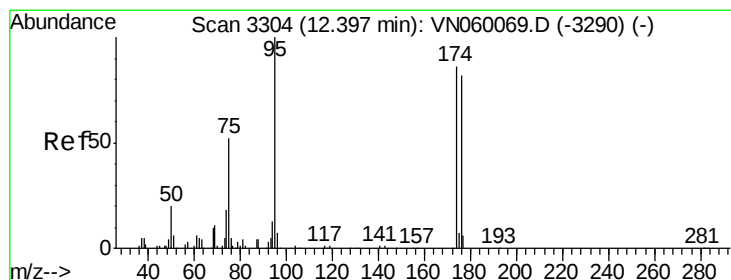
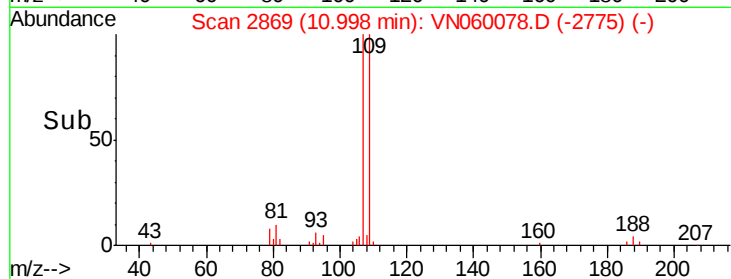
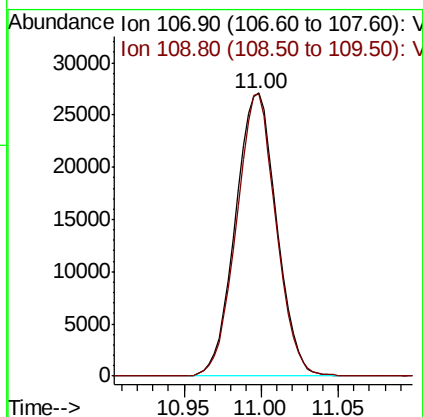
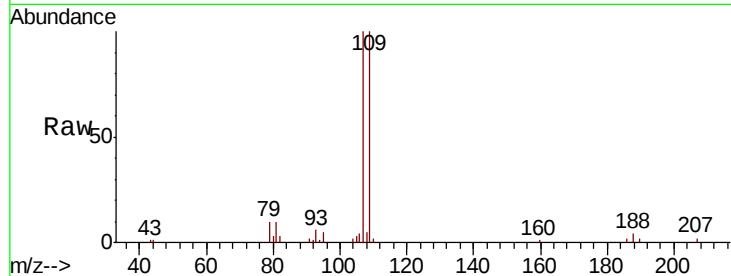




#61
 1,2-Dibromoethane
 Concen: 20.794 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

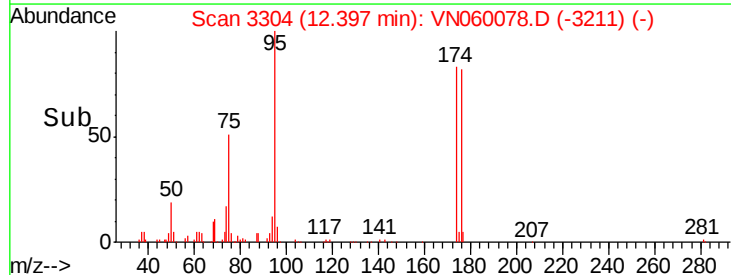
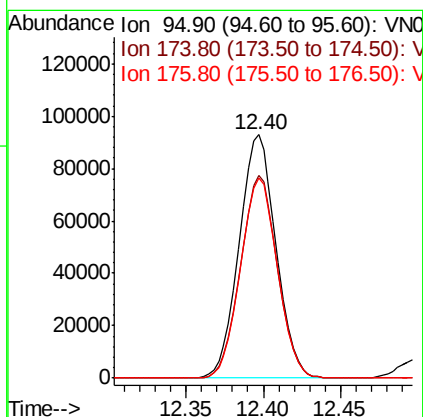
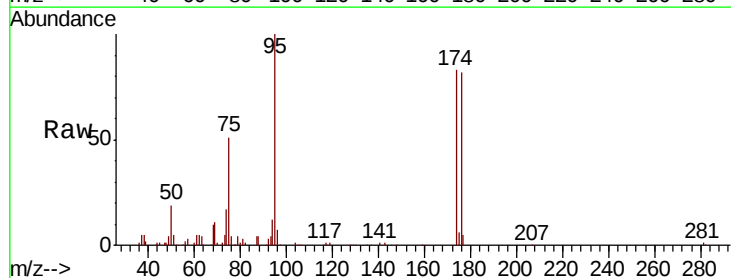
Instrument :
 MSVOA_N
 ClientSampleId :

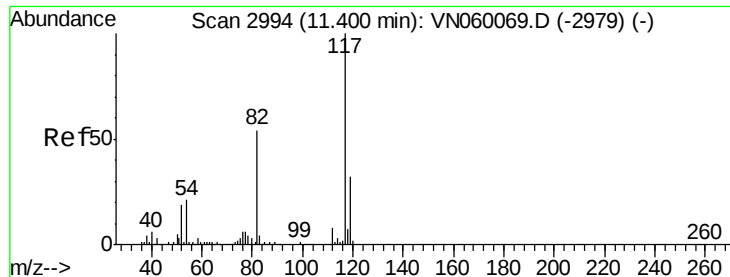
Tot Ion:107 Resp: 50170
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 51.550 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

Tgt Ion: 95 Resp: 153533
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 169.8
 176 82.6 0.0 164.8

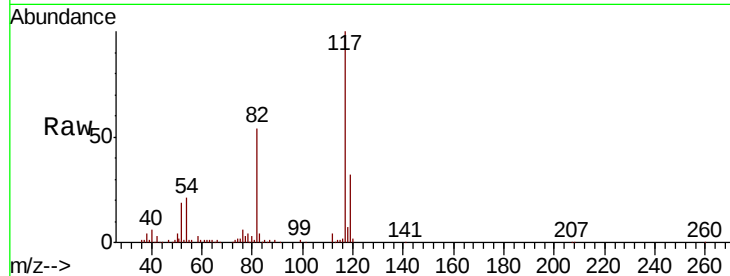




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.4	65.0
119	31.7	25.8	38.6

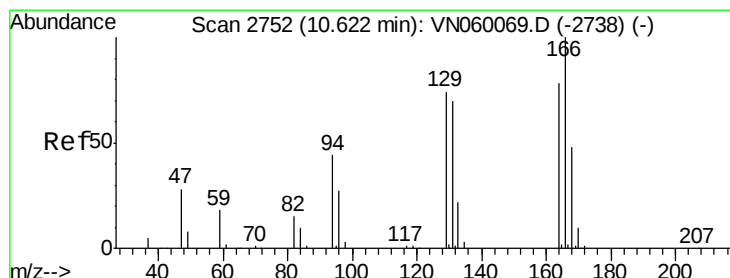
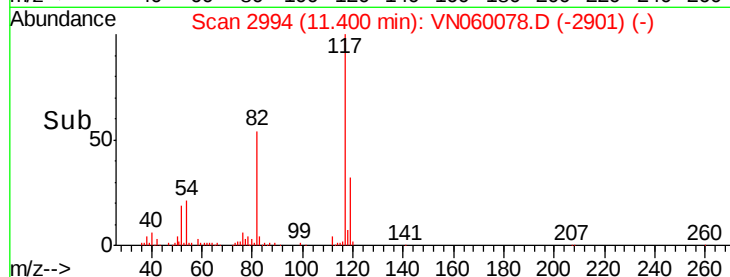
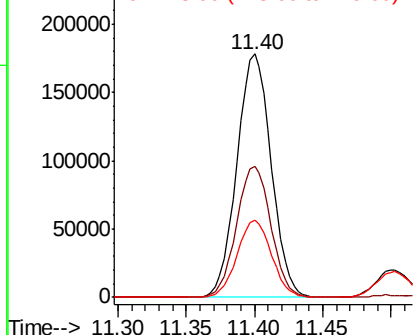


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.185 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	101.9	152.9
129	95.0	75.4	113.0
131	91.3	71.4	107.2

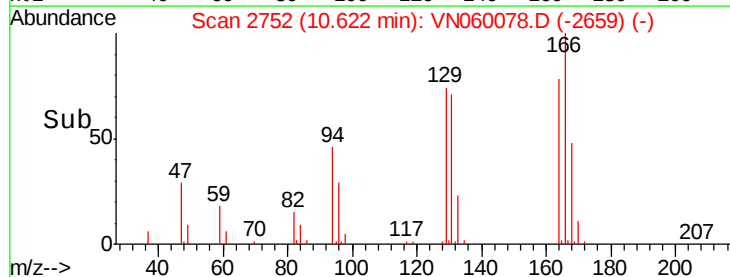
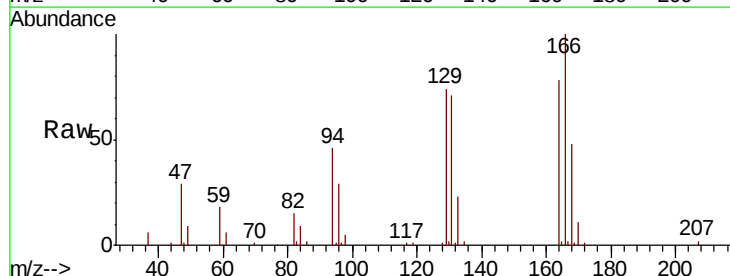
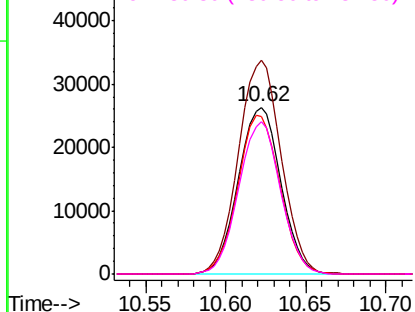
Abundance

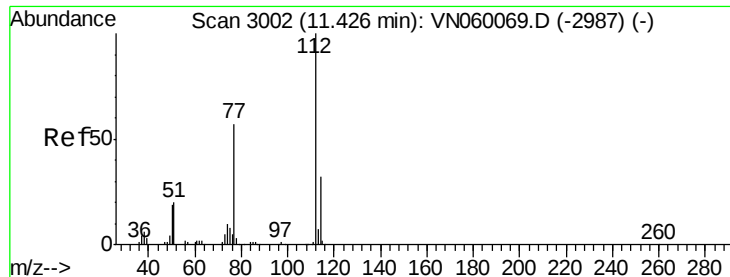
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

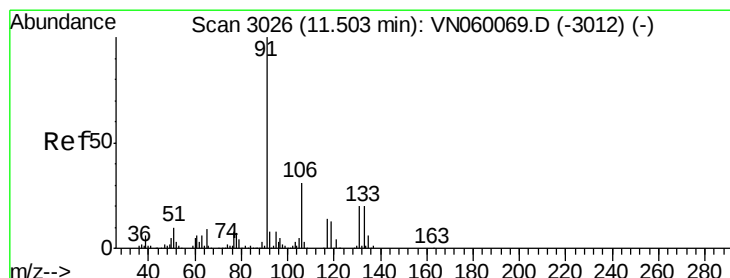
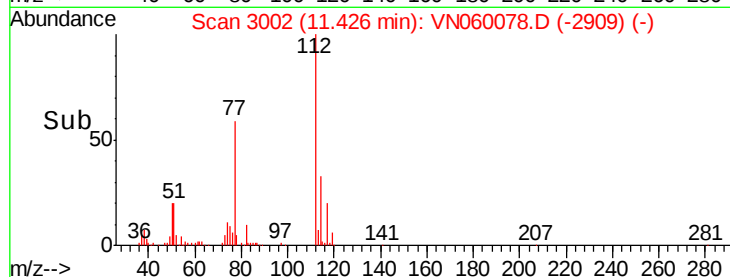
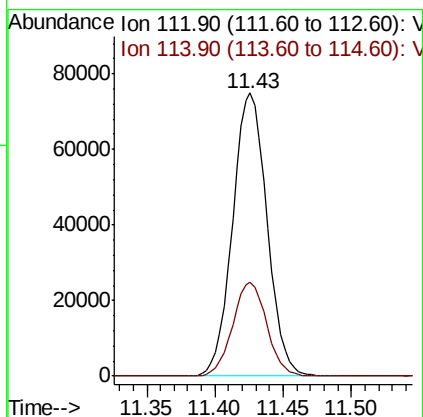
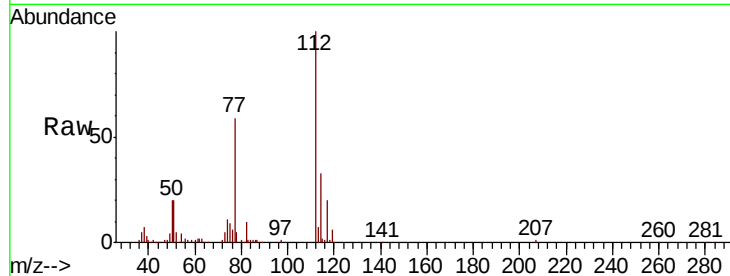




#65
Chlorobenzene
Concen: 20.698 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

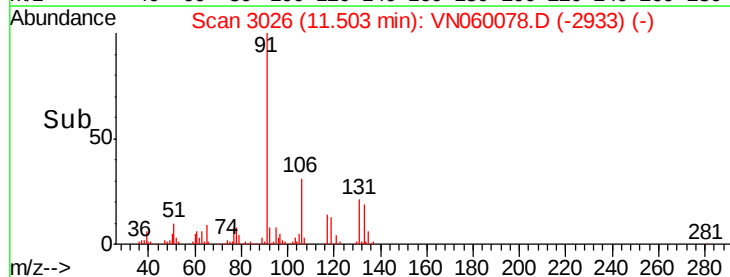
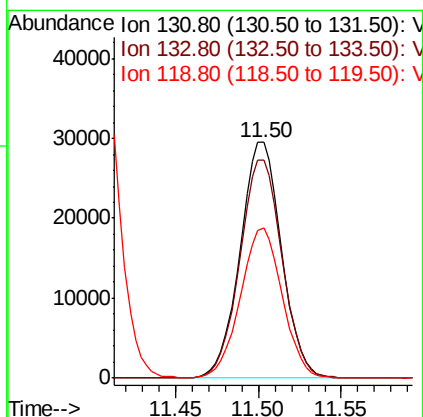
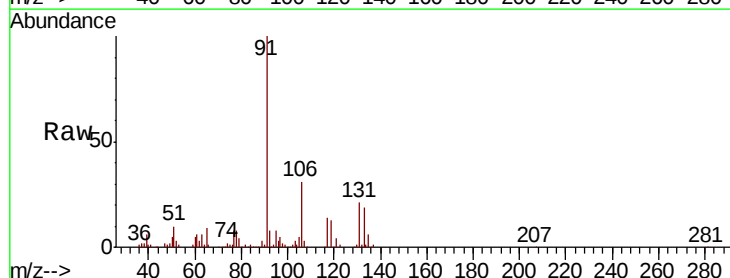
Instrument :
MSVOA_N
ClientSampled :

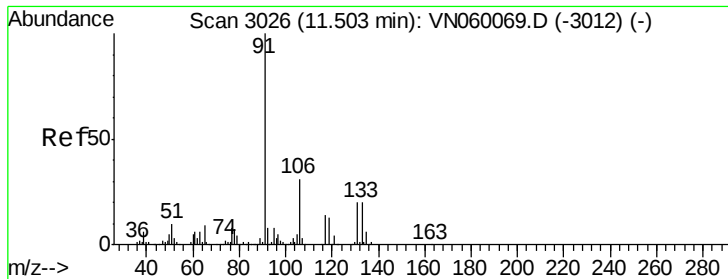
Tot Ion:112 Resp: 131270
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.338 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion:131 Resp: 51194
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 64.2 32.6 97.7

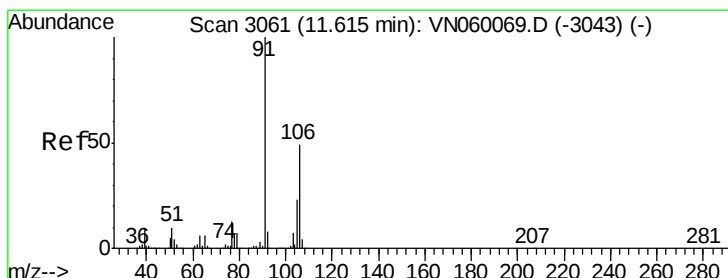
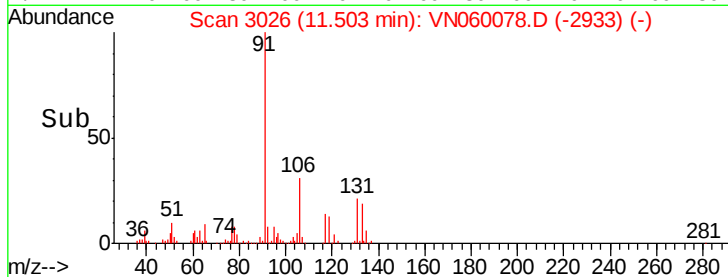
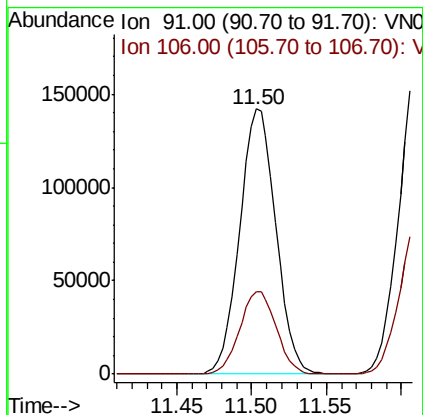
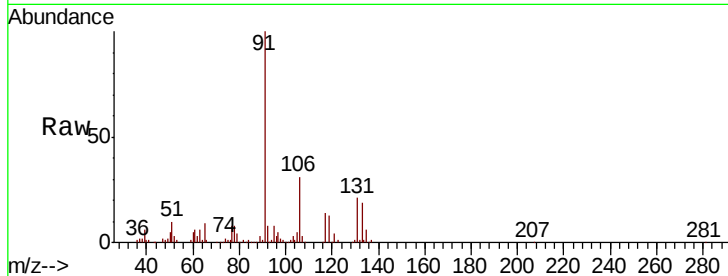




#67
Ethyl Benzene
Concen: 20.906 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

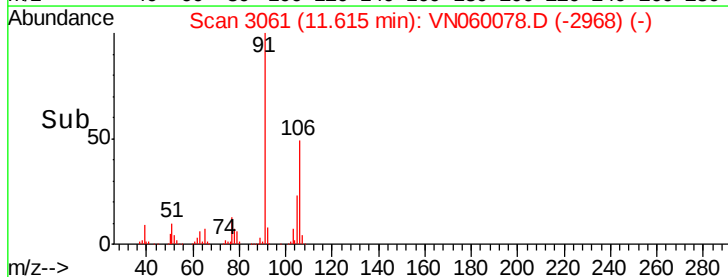
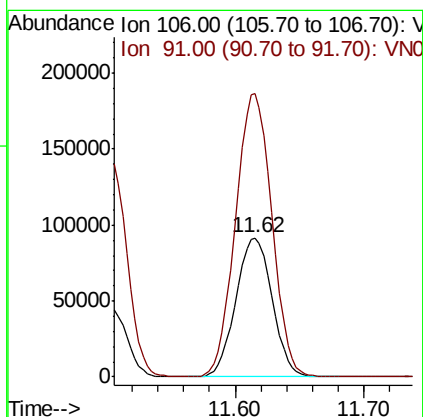
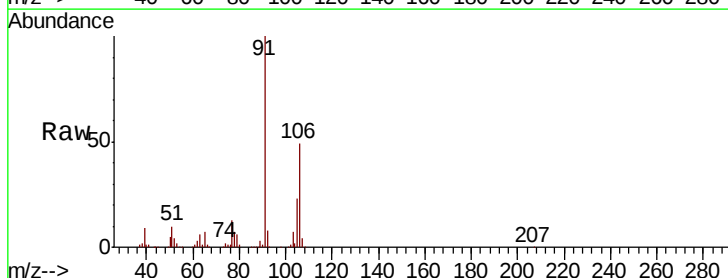
Instrument :
MSVOA_N
ClientSampleId :

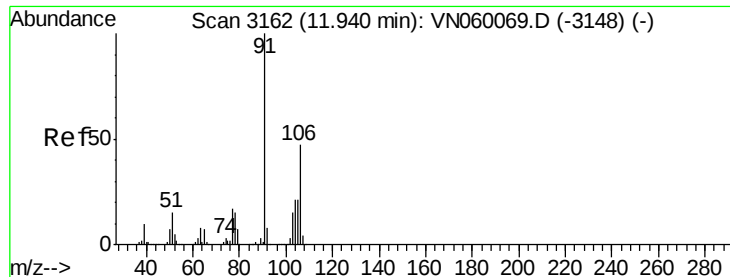
Tot Ion: 91 Resp: 239131
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 41.723 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 106 Resp: 179120
Ion Ratio Lower Upper
106 100
91 203.6 162.7 244.1

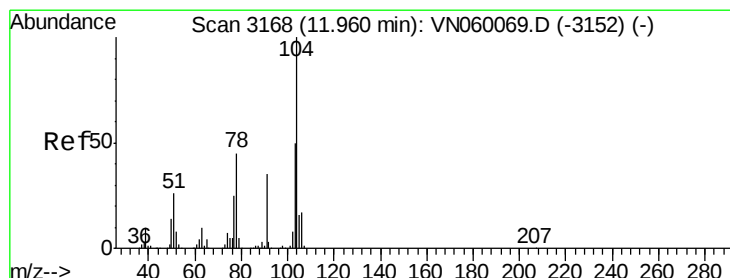
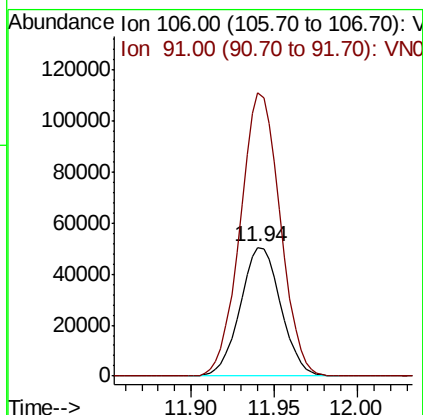
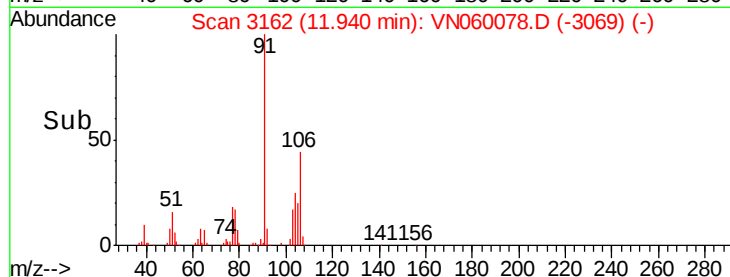
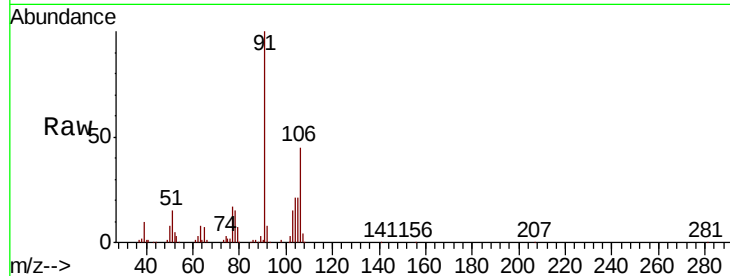




#69
o-Xylene
Concen: 20.760 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

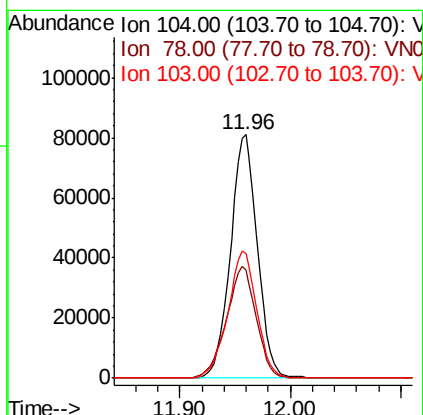
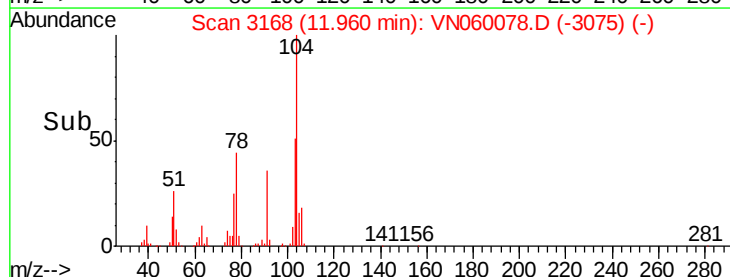
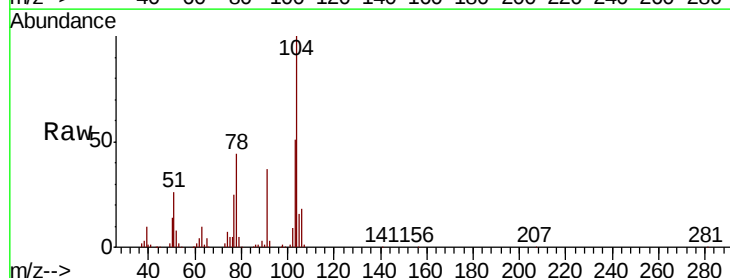
Instrument :
MSVOA_N
ClientSampled :

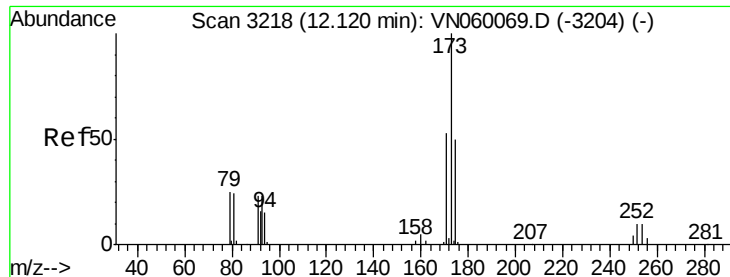
Tot Ion:106 Resp: 85814
Ion Ratio Lower Upper
106 100
91 216.6 107.2 321.6



#70
Styrene
Concen: 20.586 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion:104 Resp: 137218
Ion Ratio Lower Upper
104 100
78 50.5 40.2 60.2
103 56.2 44.3 66.5

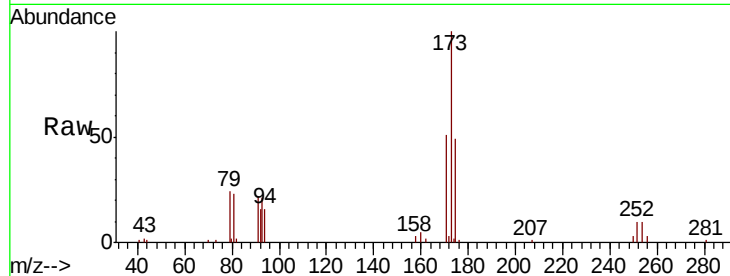




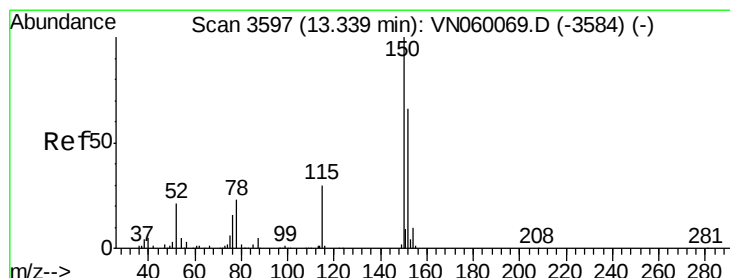
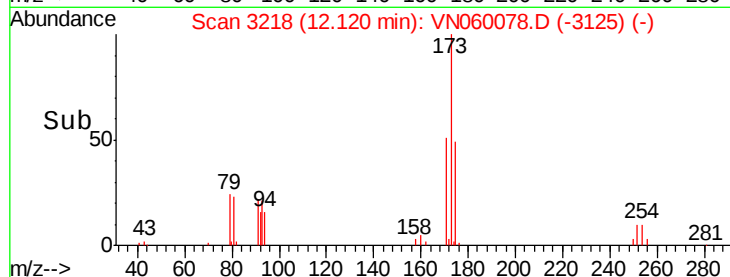
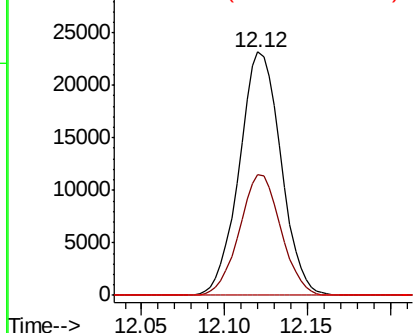
#71
Bromoform
Concen: 20.991 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 40506
Ion Ratio Lower Upper
173 100
175 49.4 24.9 74.6
254 0.0 0.0 0.0

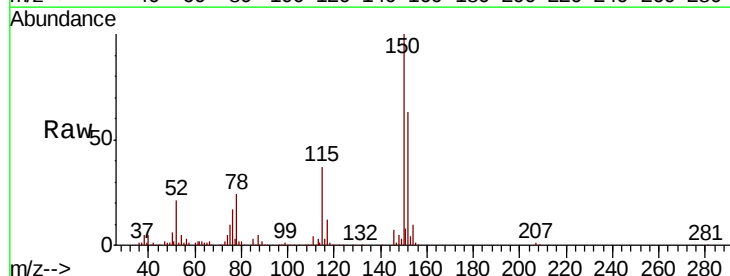


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

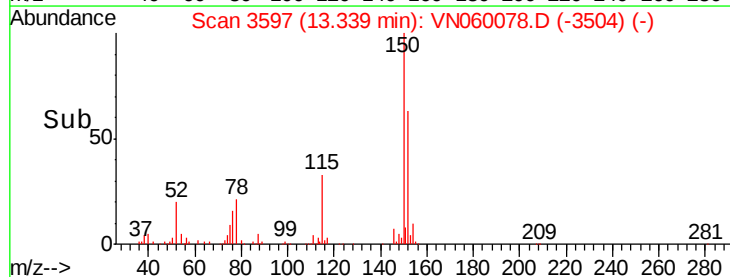
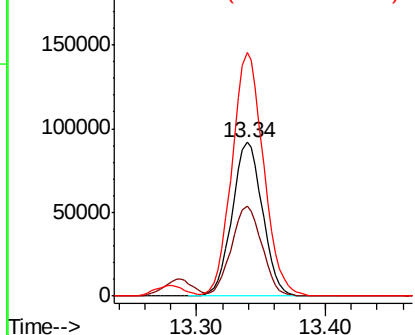


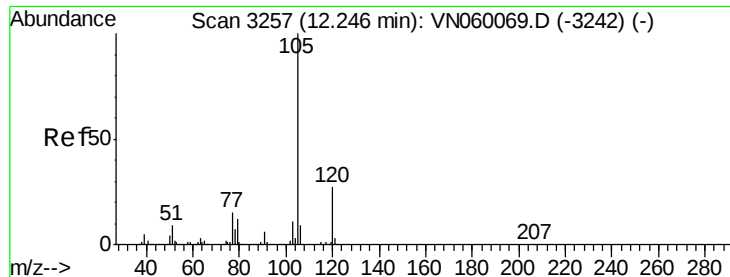
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion:152 Resp: 150539
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.8
150 164.5 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: 20.976 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

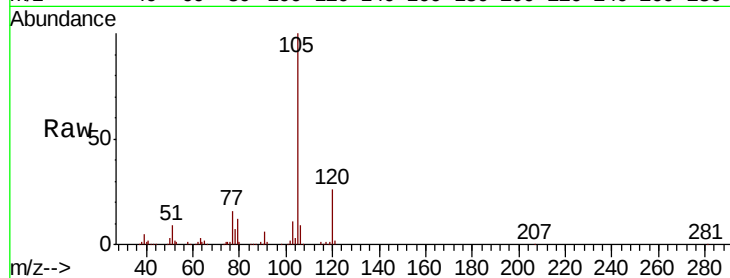
ClientSampleId :

Tot Ion:105 Resp: 235803

Ion Ratio Lower Upper

105 100

120 26.2 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

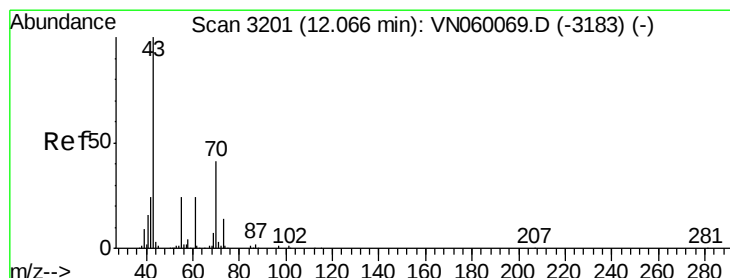
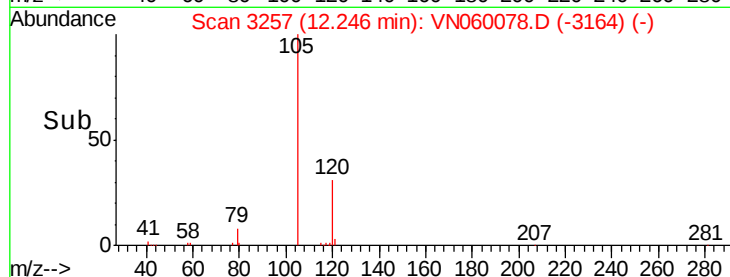
150000

100000

50000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 21.391 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Tgt Ion: 43 Resp: 86711

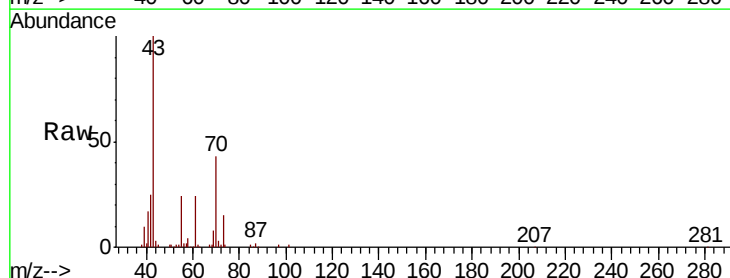
Ion Ratio Lower Upper

43 100

70 41.7 33.4 50.0

55 23.7 18.8 28.2

61 23.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

80000

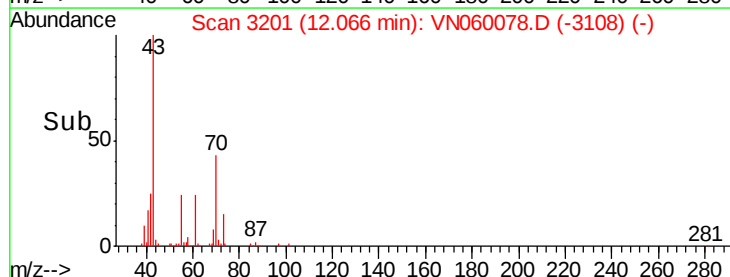
60000

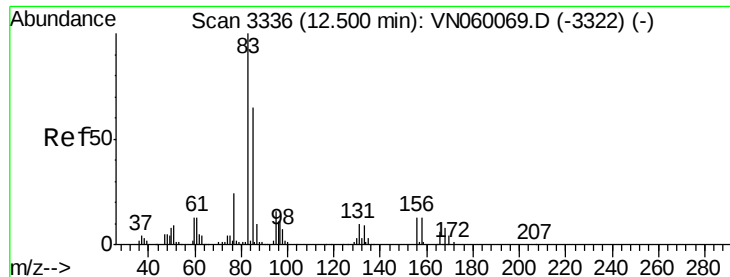
40000

20000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 21.618 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

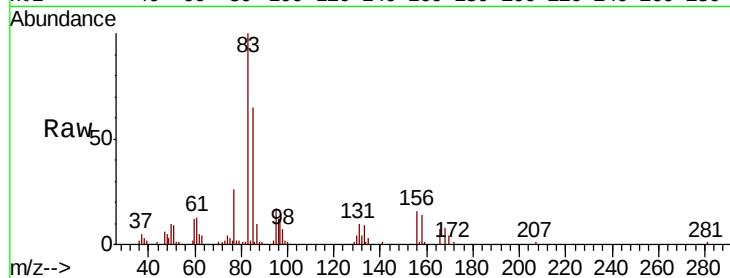
Tot Ion: 83 Resp: 69948

Ion Ratio Lower Upper

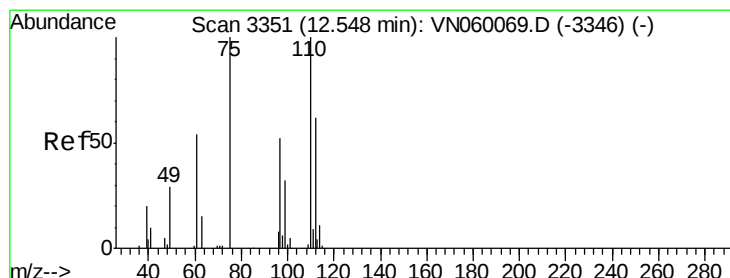
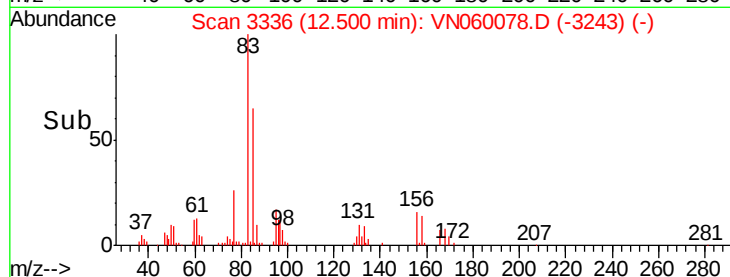
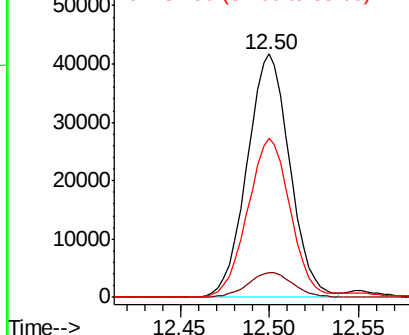
83 100

131 10.6 5.2 15.6

85 65.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 31.865 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060078.D

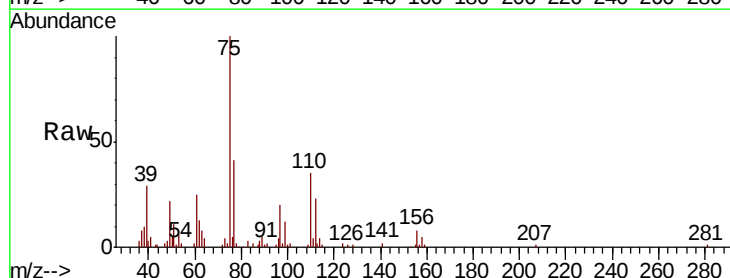
Acq: 12 Feb 2020 17:07

Tgt Ion: 75 Resp: 91775

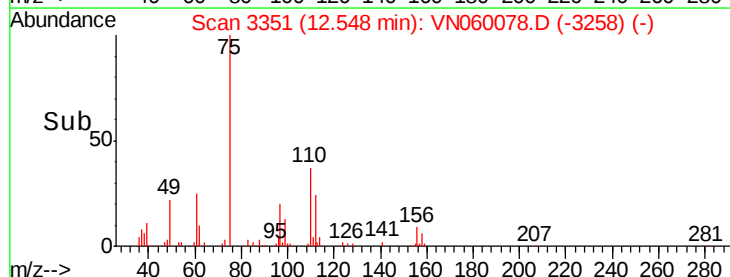
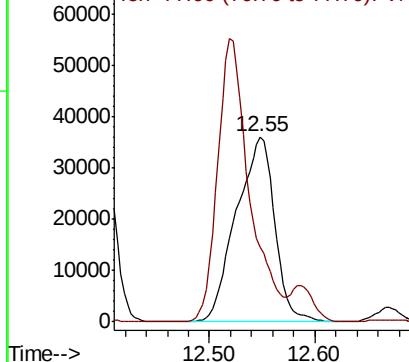
Ion Ratio Lower Upper

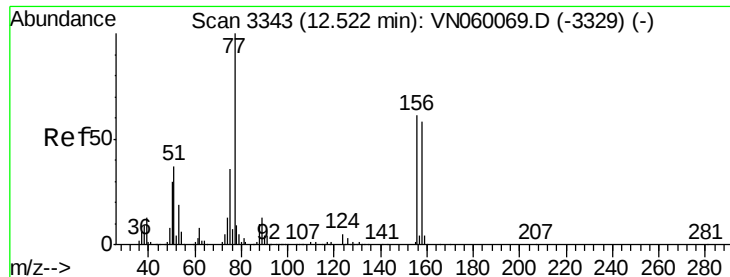
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 22.828 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

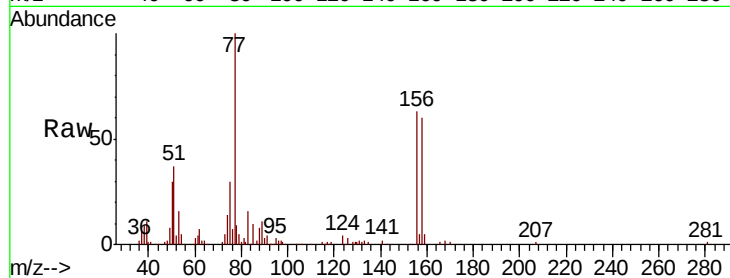
Tot Ion:156 Resp: 63685

Ion Ratio Lower Upper

156 100

77 181.4 98.7 296.1

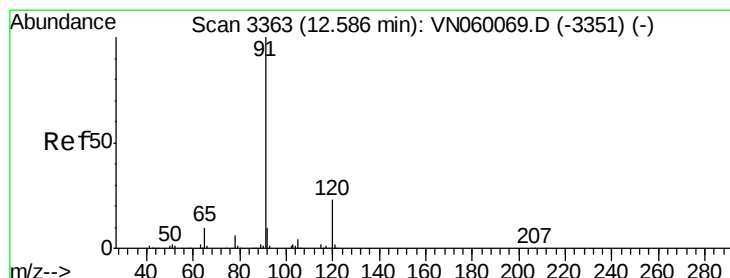
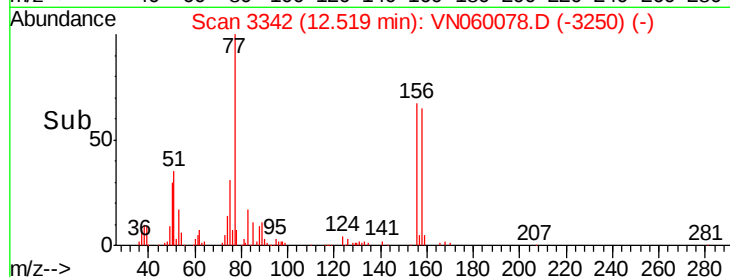
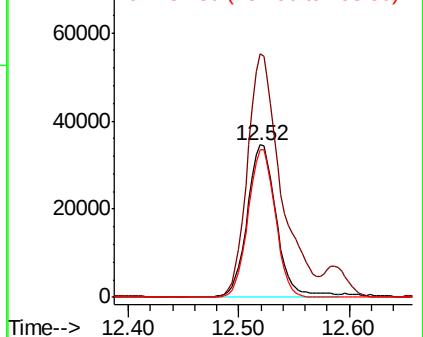
158 89.7 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.667 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060078.D

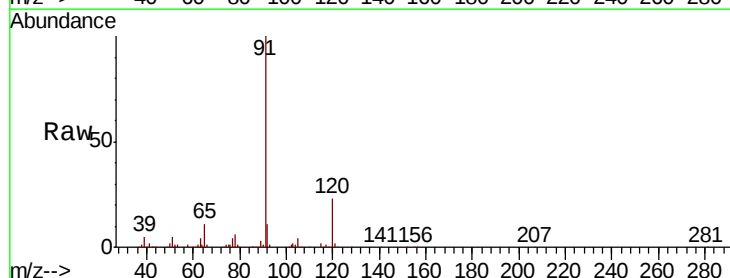
Acq: 12 Feb 2020 17:07

Tgt Ion: 91 Resp: 264698

Ion Ratio Lower Upper

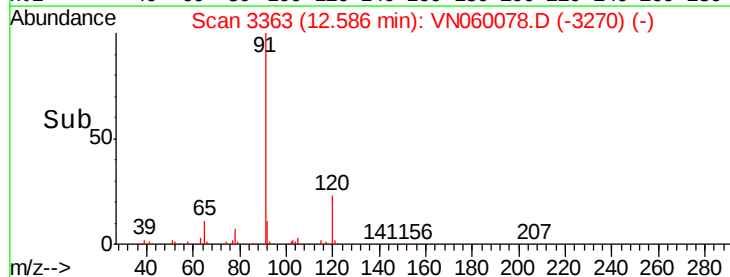
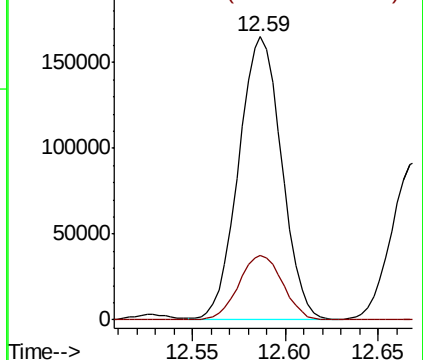
91 100

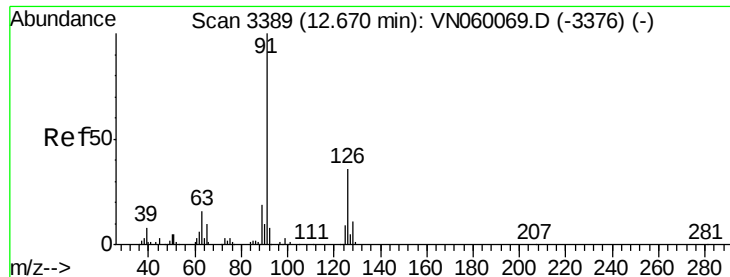
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.604 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

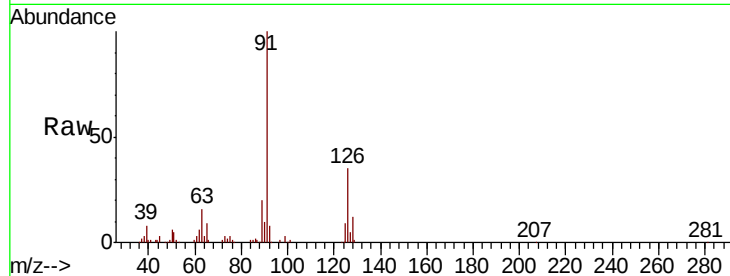
ClientSampled :

Tot Ion: 91 Resp: 155110

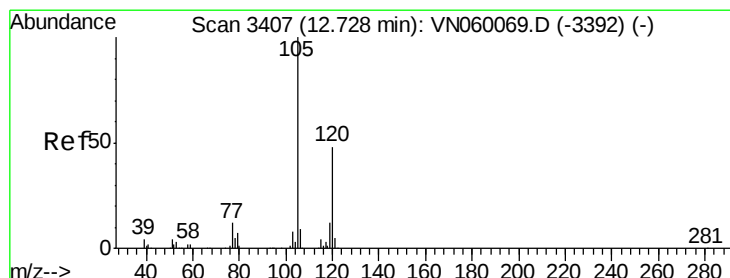
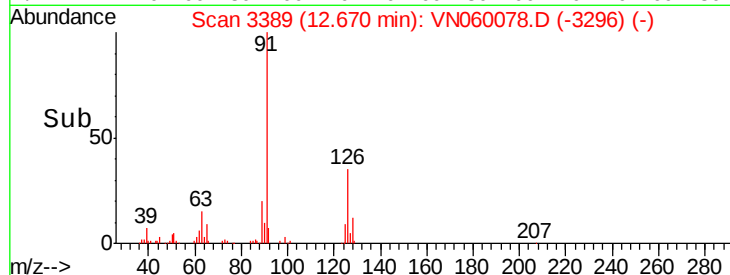
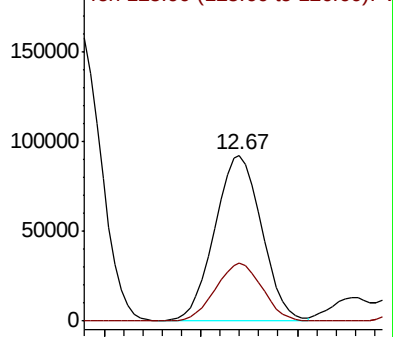
Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.221 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060078.D

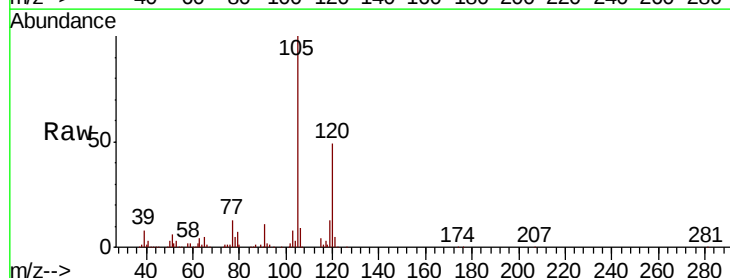
Acq: 12 Feb 2020 17:07

Tgt Ion: 105 Resp: 198346

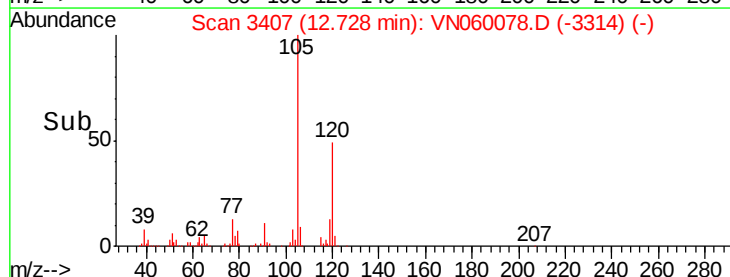
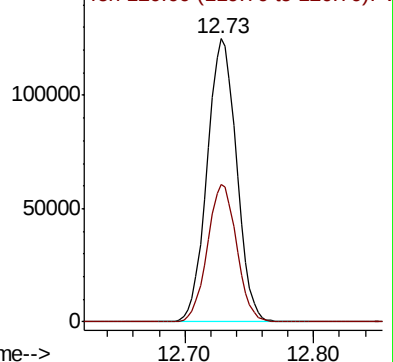
Ion Ratio Lower Upper

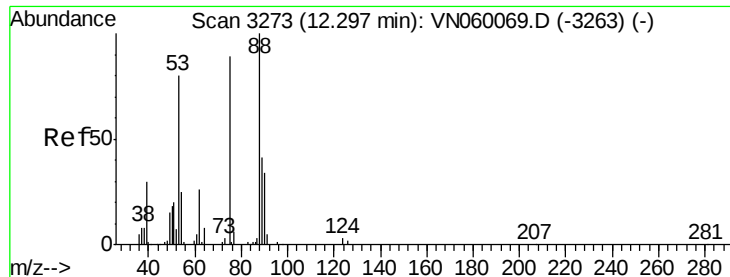
105 100

120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VN060069.D (-3392) (-)

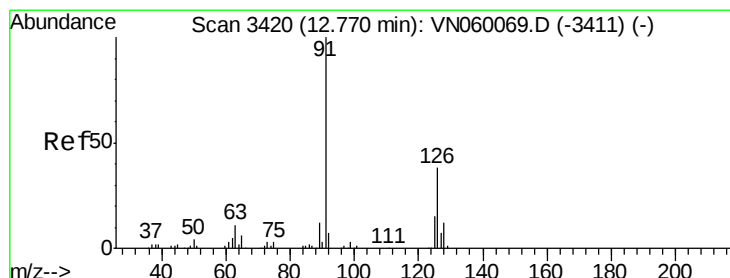
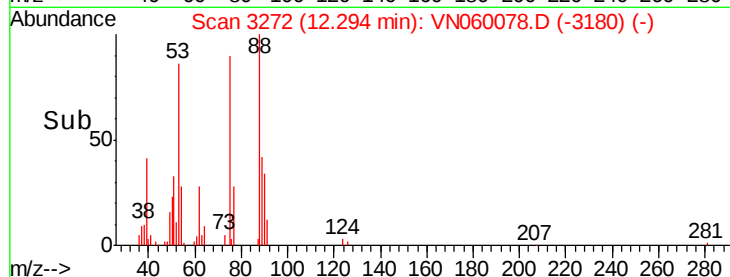
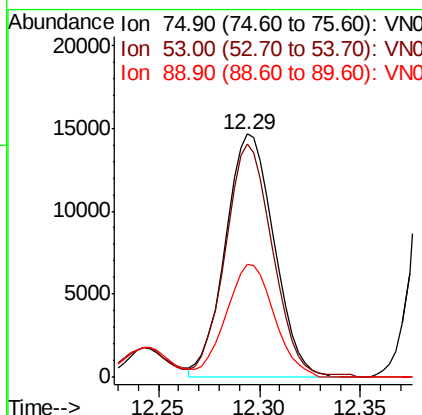
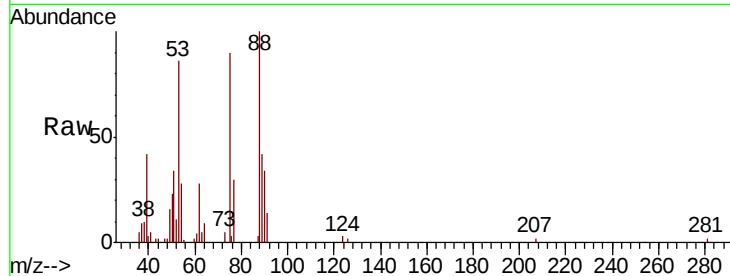




#81
trans-1,4-Dichloro-2-butene
Concen: 21.020 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

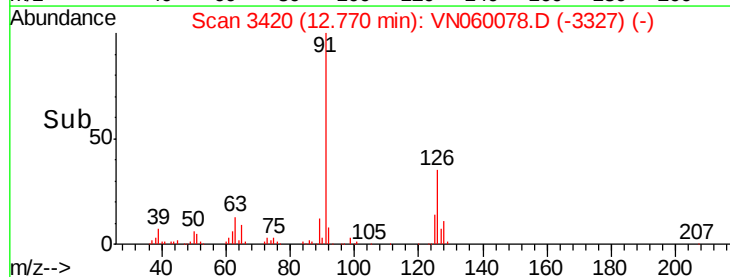
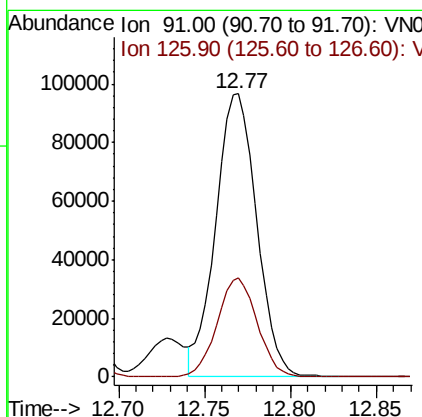
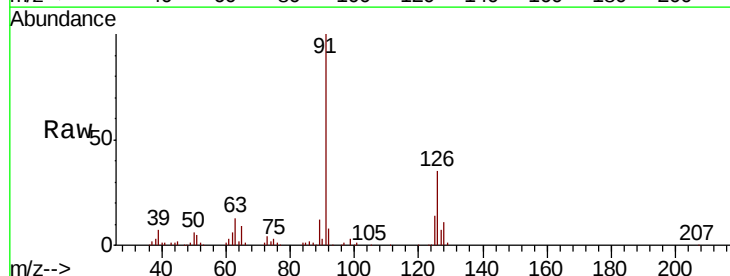
Instrument :
MSVOA_N
ClientSampleId :

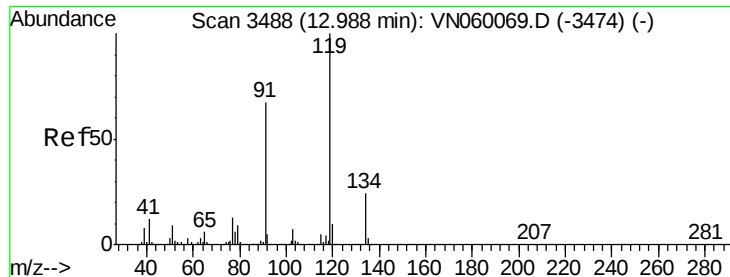
Tot Ion: 75 Resp: 24726
Ion Ratio Lower Upper
75 100
53 91.2 73.9 110.9
89 45.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.650 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 91 Resp: 159487
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.3

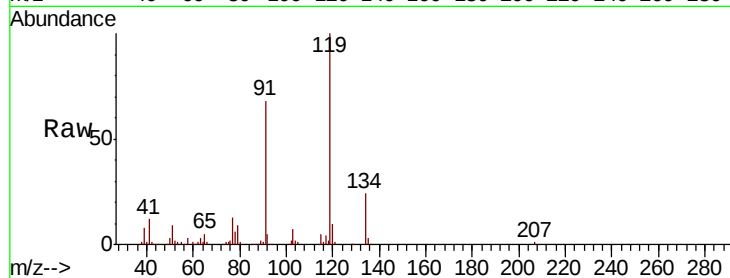




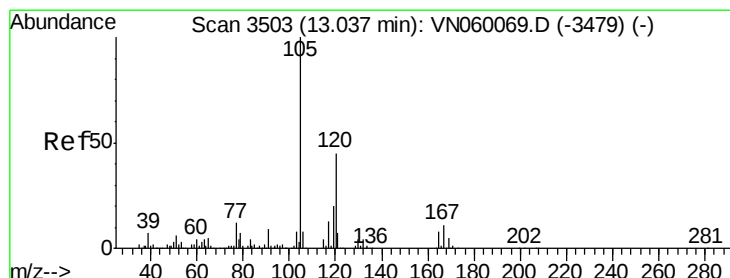
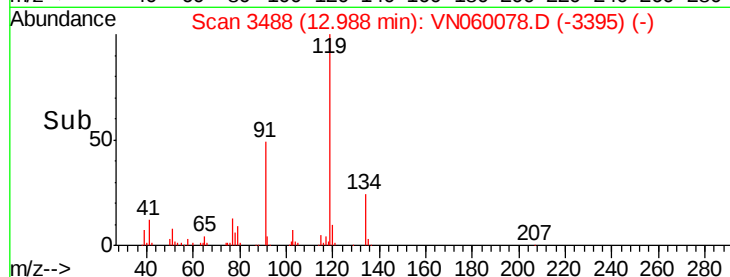
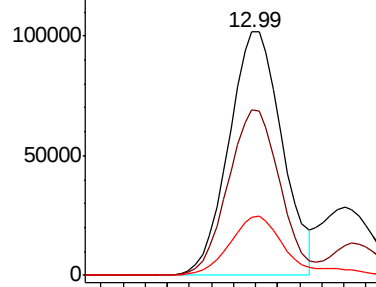
#83
 tert-Butylbenzene
 Concen: 20.629 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 170563
 Ion Ratio Lower Upper
 119 100
 91 66.3 32.7 98.1
 134 25.6 12.9 38.7

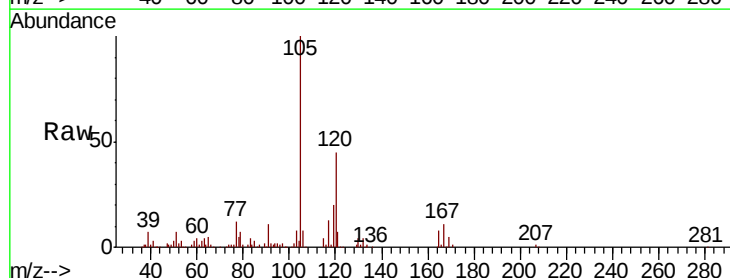


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

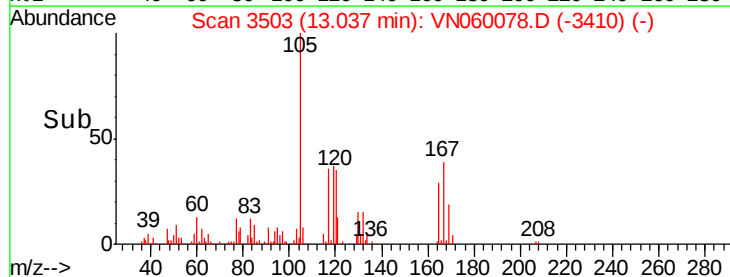
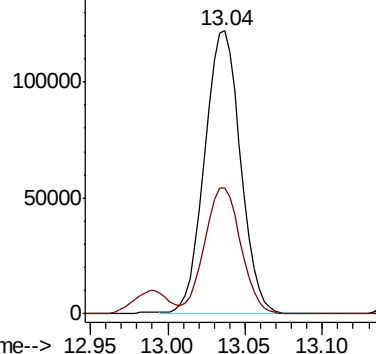


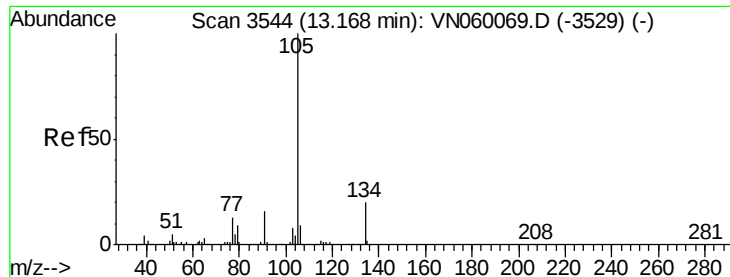
#84
 1,2,4-Trimethylbenzene
 Concen: 21.207 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

Tgt Ion:105 Resp: 195666
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

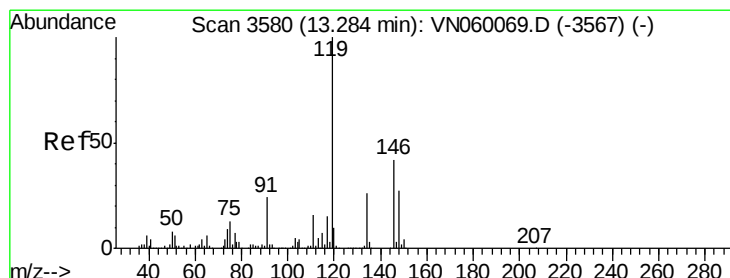
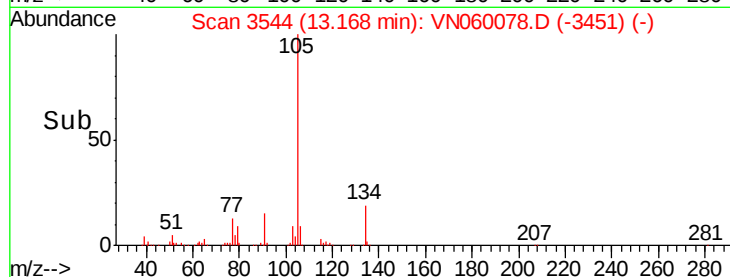
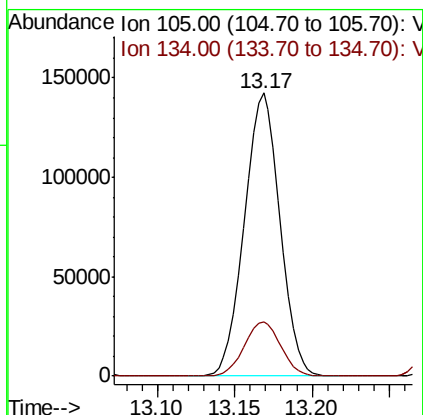
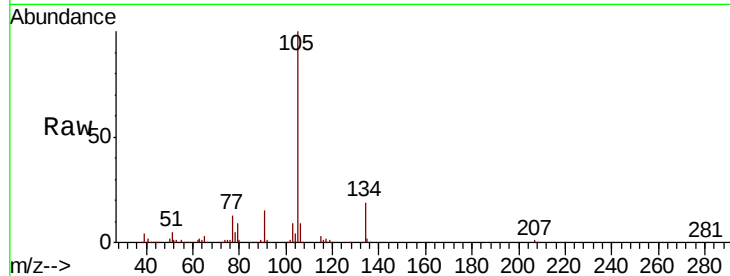




#85
 sec-Butylbenzene
 Concen: 20.828 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

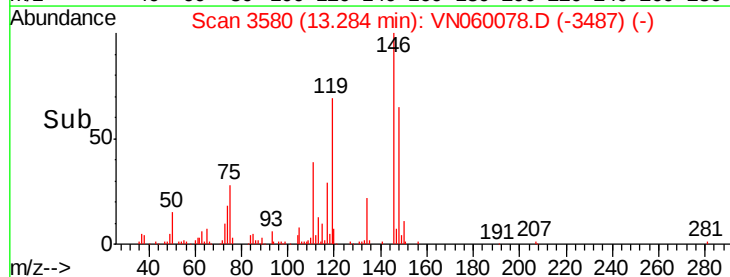
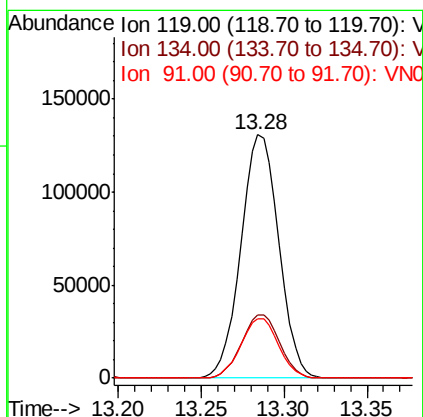
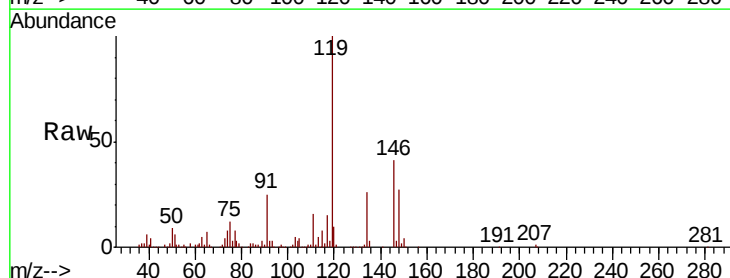
Instrument :
 MSVOA_N
 ClientSampleId :

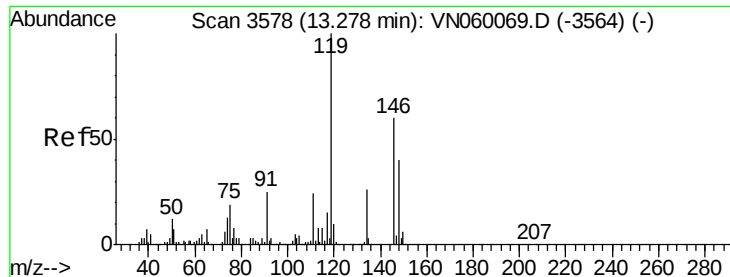
Tot Ion:105 Resp: 228070
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.961 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

Tgt Ion:119 Resp: 207962
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 24.4 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.900 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060078.D

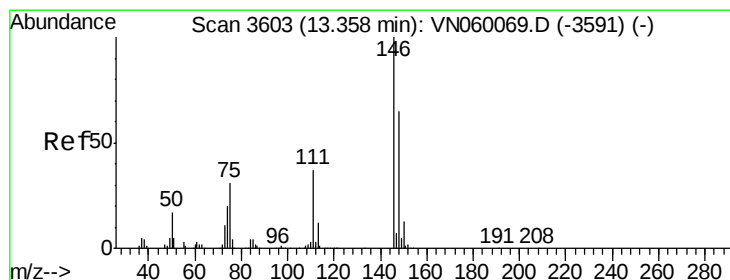
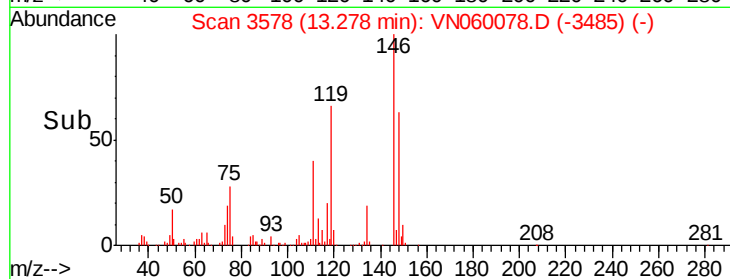
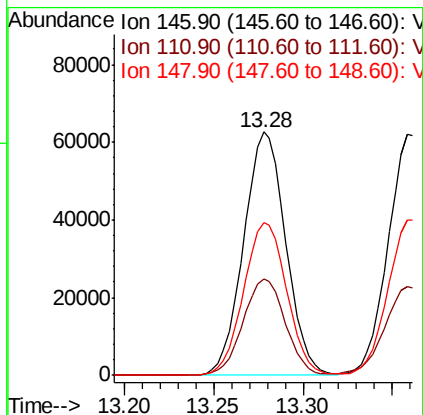
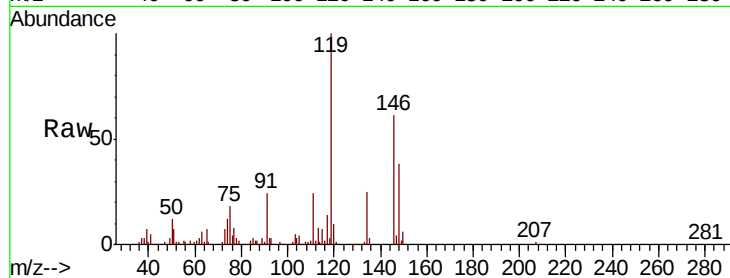
Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:146	Resp:	103211
Ion Ratio	Lower	Upper
146	100	
111	39.6	19.8 59.3
148	64.3	32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.673 ug/l

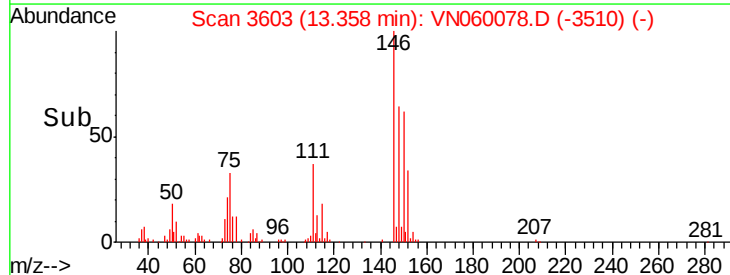
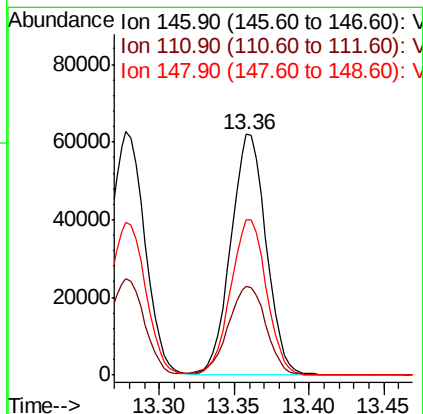
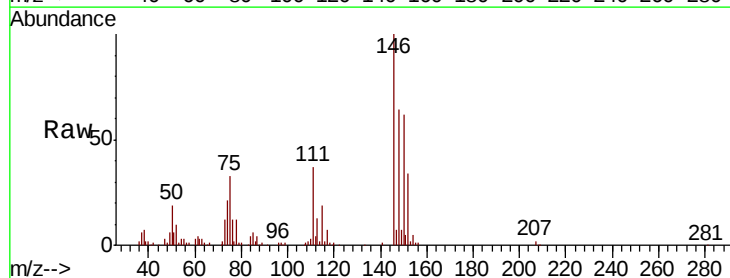
RT: 13.36 min Scan# 3603

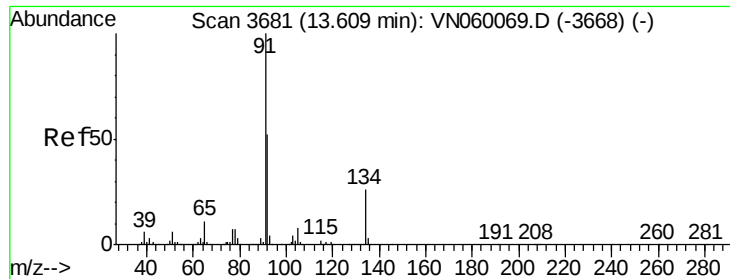
Delta R.T. -0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Tgt Ion:146	Resp:	102070
Ion Ratio	Lower	Upper
146	100	
111	39.9	18.9 56.5
148	65.5	32.0 96.0

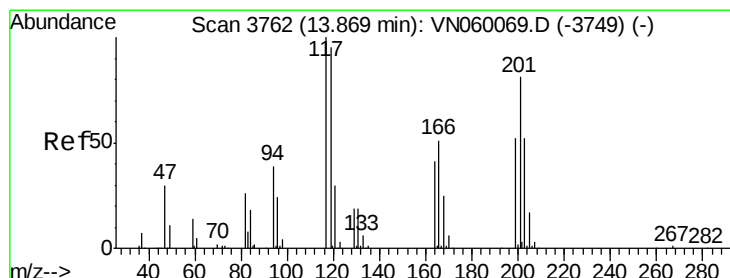
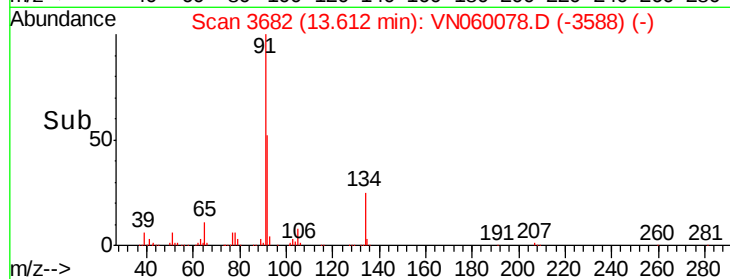
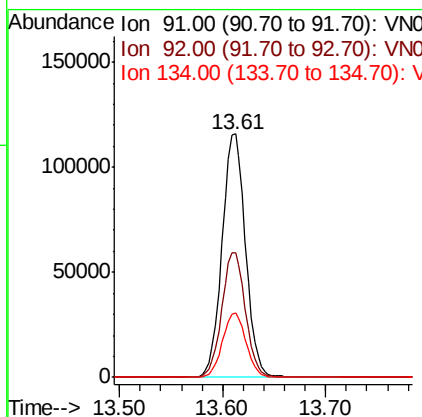
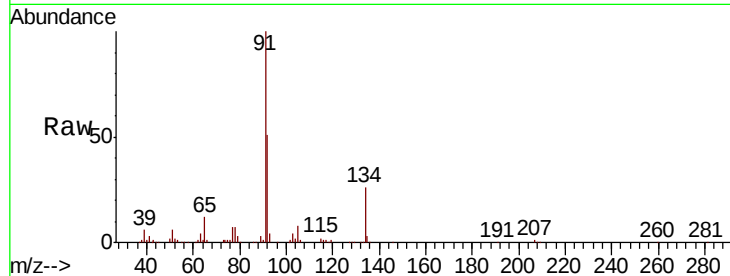




#89
n-Butylbenzene
Concen: 20.981 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

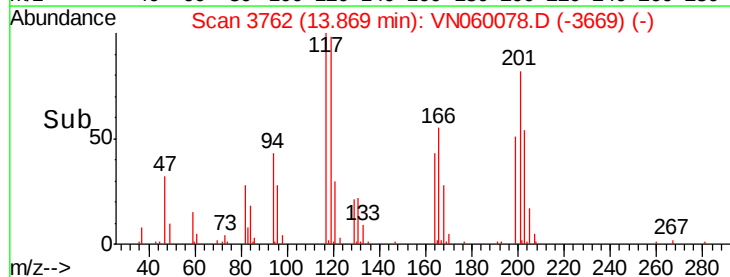
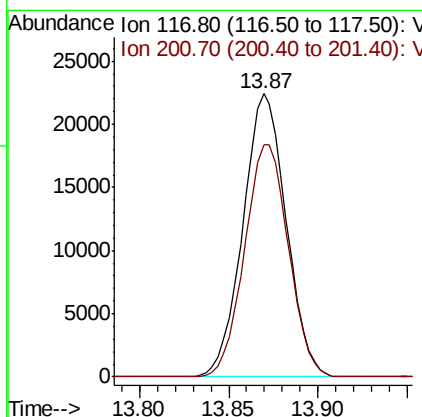
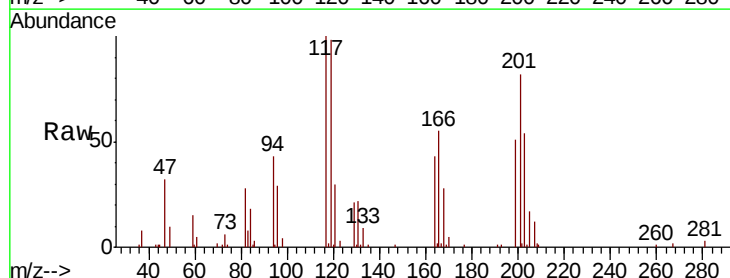
Instrument :
MSVOA_N
ClientSampleId :

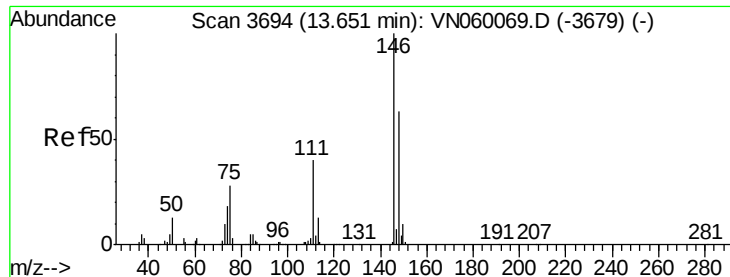
Tot Ion: 91 Resp: 183090
Ion Ratio Lower Upper
91 100
92 51.6 26.1 78.2
134 26.5 13.1 39.3



#90
Hexachloroethane
Concen: 20.434 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion: 117 Resp: 37874
Ion Ratio Lower Upper
117 100
201 83.3 41.7 125.1





#91

1,2-Dichlorobenzene

Concen: 20.807 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060078.D

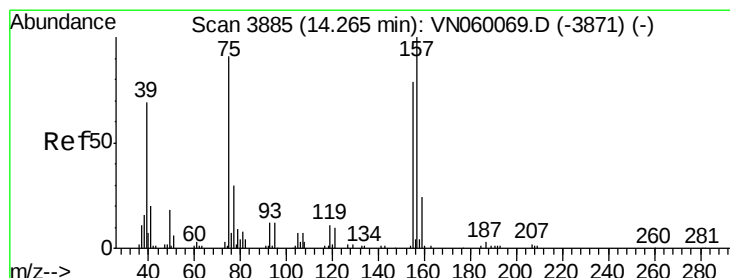
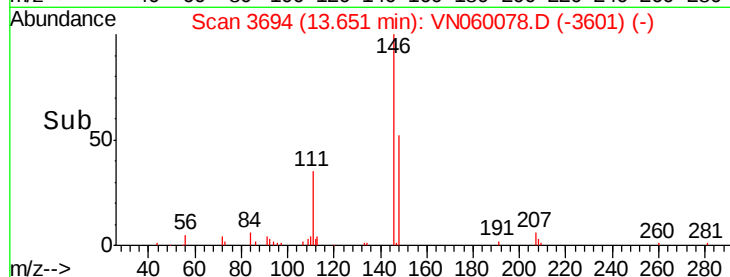
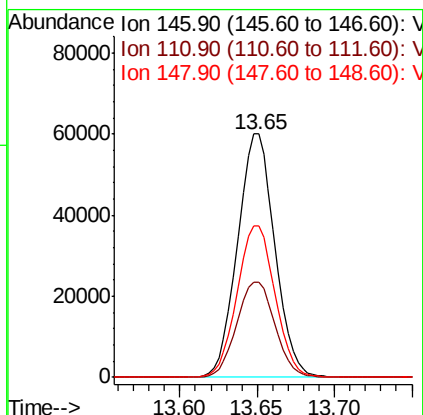
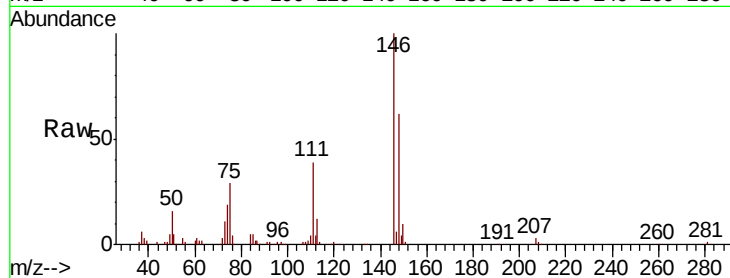
Acq: 12 Feb 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	100554
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	63.6	31.9	95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.916 ug/l

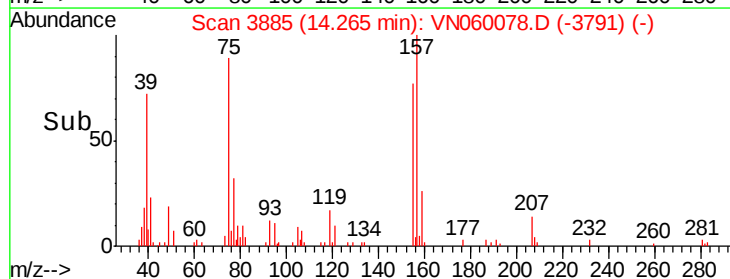
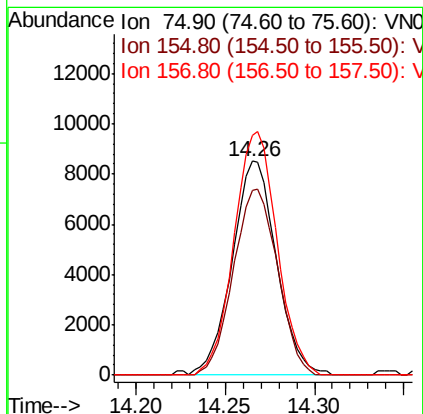
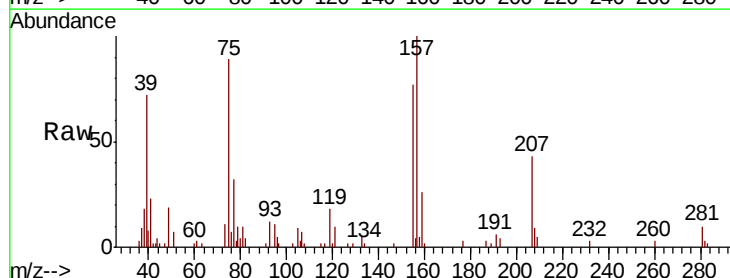
RT: 14.26 min Scan# 3885

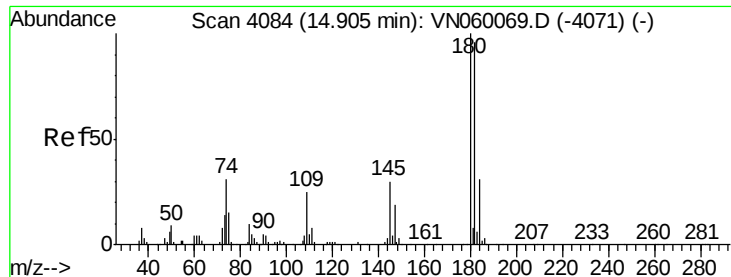
Delta R.T. 0.00 min

Lab File: VN060078.D

Acq: 12 Feb 2020 17:07

Tgt Ion:	75	Resp:	14699
Ion	Ratio	Lower	Upper
75	100		
155	86.8	43.0	129.0
157	110.8	54.9	164.5

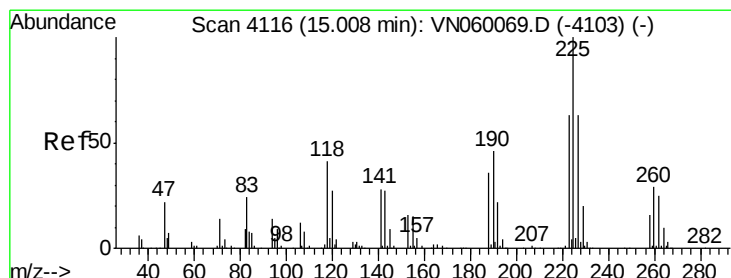
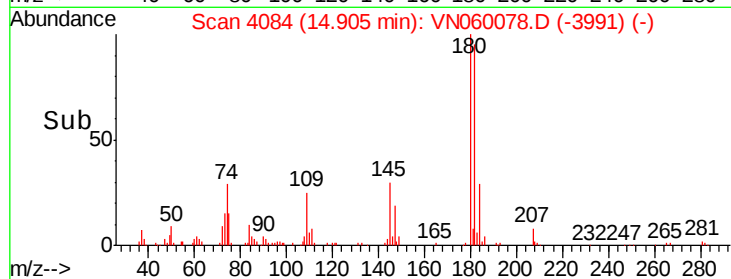
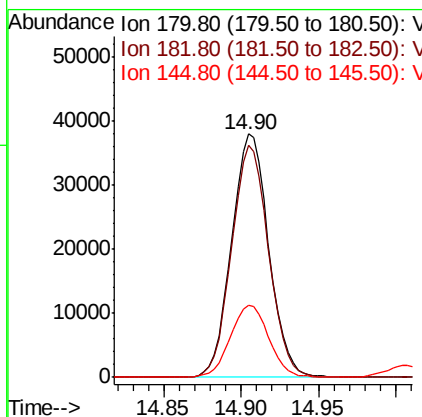
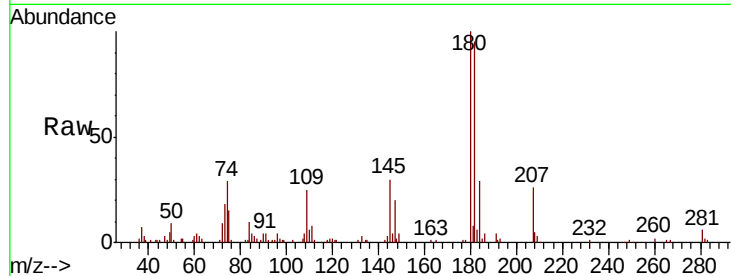




#93
 1,2,4-Trichlorobenzene
 Concen: 22.243 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

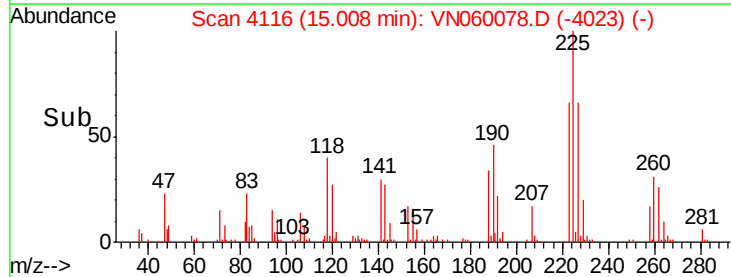
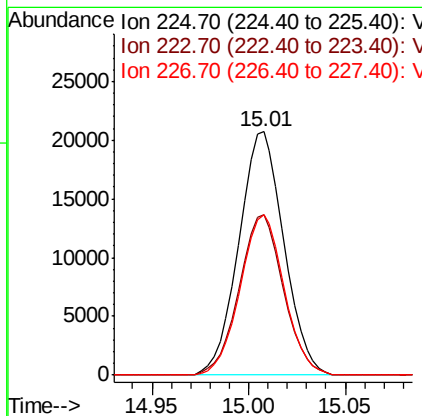
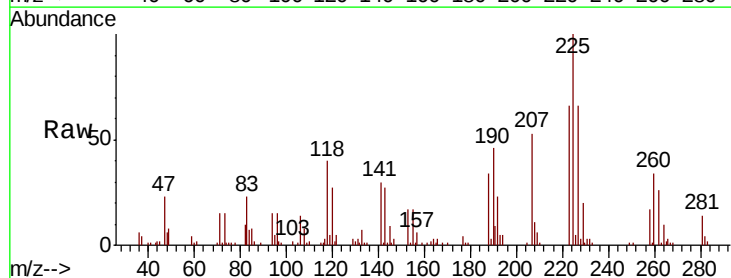
Instrument :
 MSVOA_N
 ClientSampled :

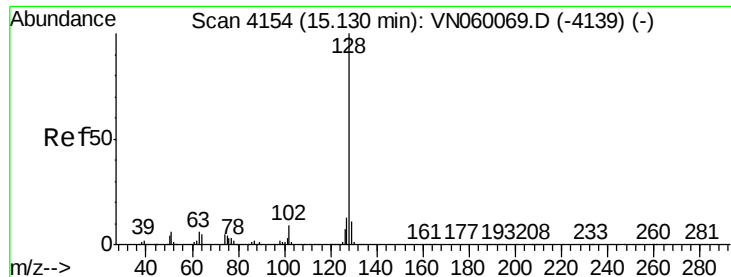
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.8
145	30.7	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 20.149 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060078.D
 Acq: 12 Feb 2020 17:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.5	94.5
227	64.3	31.8	95.4

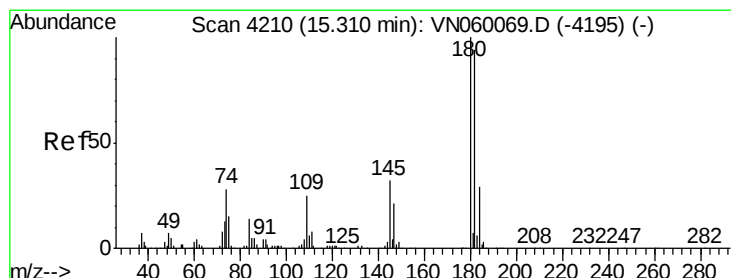
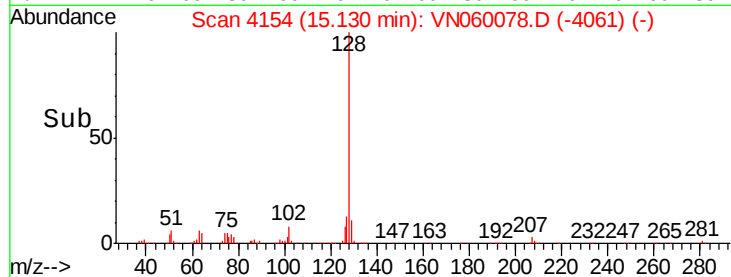
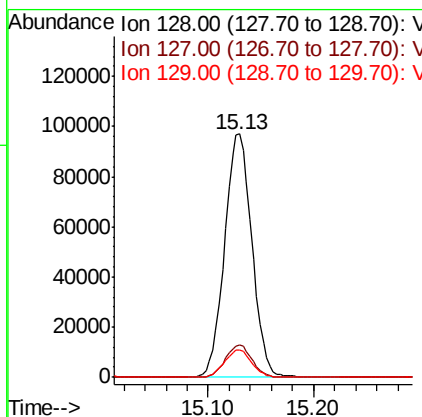
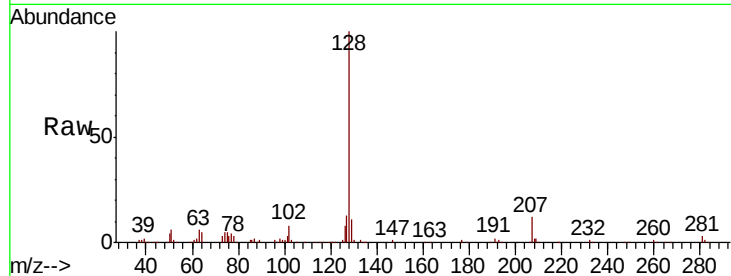




#95
Naphthalene
Concen: 22.651 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 173749
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.715 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060078.D
Acq: 12 Feb 2020 17:07

Tgt Ion:180 Resp: 61406
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.5
145 32.1 16.1 48.3

