

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020320\
 Data File : VN059979.D
 Acq On : 3 Feb 2020 16:56
 Operator : JC/MD
 Sample : L1346-04 40X
 Misc : 7.24g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 04 04:00:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	289401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142145	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	114546	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
35) Dibromofluoromethane	7.57	113	93689	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
50) Toluene-d8	10.08	98	381350	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.40	95	138413	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.79	56	104	0.391	ug/l #	13
14) Allyl chloride	4.56	41	19183	7.740	ug/l #	67
15) Acrylonitrile	5.03	53	1471	1.716	ug/l #	22
16) Acetone	3.79	43	4385	Below Cal		96
18) Methyl Acetate	4.56	43	37144	14.247	ug/l #	54
20) Methylene Chloride	4.52	84	1014	Below Cal	#	89
25) 2-Butanone	6.78	43	513	0.406	ug/l #	50
30) Chloroform	7.31	83	5994	1.686	ug/l #	17
31) Cyclohexane	7.62	56	29296	8.871	ug/l #	55
36) 1,1-Dichloropropene	7.64	75	13946	5.118	ug/l #	50
38) Carbon Tetrachloride	7.64	117	18658	6.295	ug/l #	16
39) Methylcyclohexane	9.07	83	74153	22.072	ug/l	96
41) Methacrylonitrile	7.19	41	1619	1.286	ug/l #	100
43) Isopropyl Acetate	8.13	43	13009	2.960	ug/l #	56
45) 1,2-Dichloropropane	9.07	63	572	0.284	ug/l #	1
47) Bromodichloromethane	9.37	83	9513	3.328	ug/l #	25
48) Methyl methacrylate	9.13	41	12143	6.176	ug/l #	47
51) 4-Methyl-2-Pentanone	10.01	43	3306	1.301	ug/l #	78
55) 1,1,2-Trichloroethane	10.52	97	25964	12.772	ug/l #	18
56) Ethyl methacrylate	10.42	69	4753	1.530	ug/l #	34
59) 2-Hexanone	10.71	43	26119	13.953	ug/l #	30
67) Ethyl Benzene	11.51	91	2138	0.207	ug/l	97
73) Isopropylbenzene	12.25	105	17714	1.699	ug/l	98
74) N-amyl acetate	12.04	43	13189	3.260	ug/l #	63
76) 1,2,3-Trichloropropane	12.40	75	70876	29.628	ug/l #	100
77) Bromobenzene	12.53	156	1089	0.413	ug/l #	1
78) n-propylbenzene	12.59	91	109901	9.393	ug/l	98
79) 2-Chlorotoluene	12.59	91	109901	15.789	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.69	105	7248	0.827	ug/l	67
81) trans-1,4-Dichloro-2-buten	12.40	75	70876	63.627	ug/l #	11
82) 4-Chlorotoluene	12.59	91	109901	15.741	ug/l #	42
85) sec-Butylbenzene	13.17	105	17263	1.733	ug/l	97
86) p-Isopropyltoluene	13.28	119	4535	0.492	ug/l	96
89) n-Butylbenzene	13.61	91	37916	4.824	ug/l #	75

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

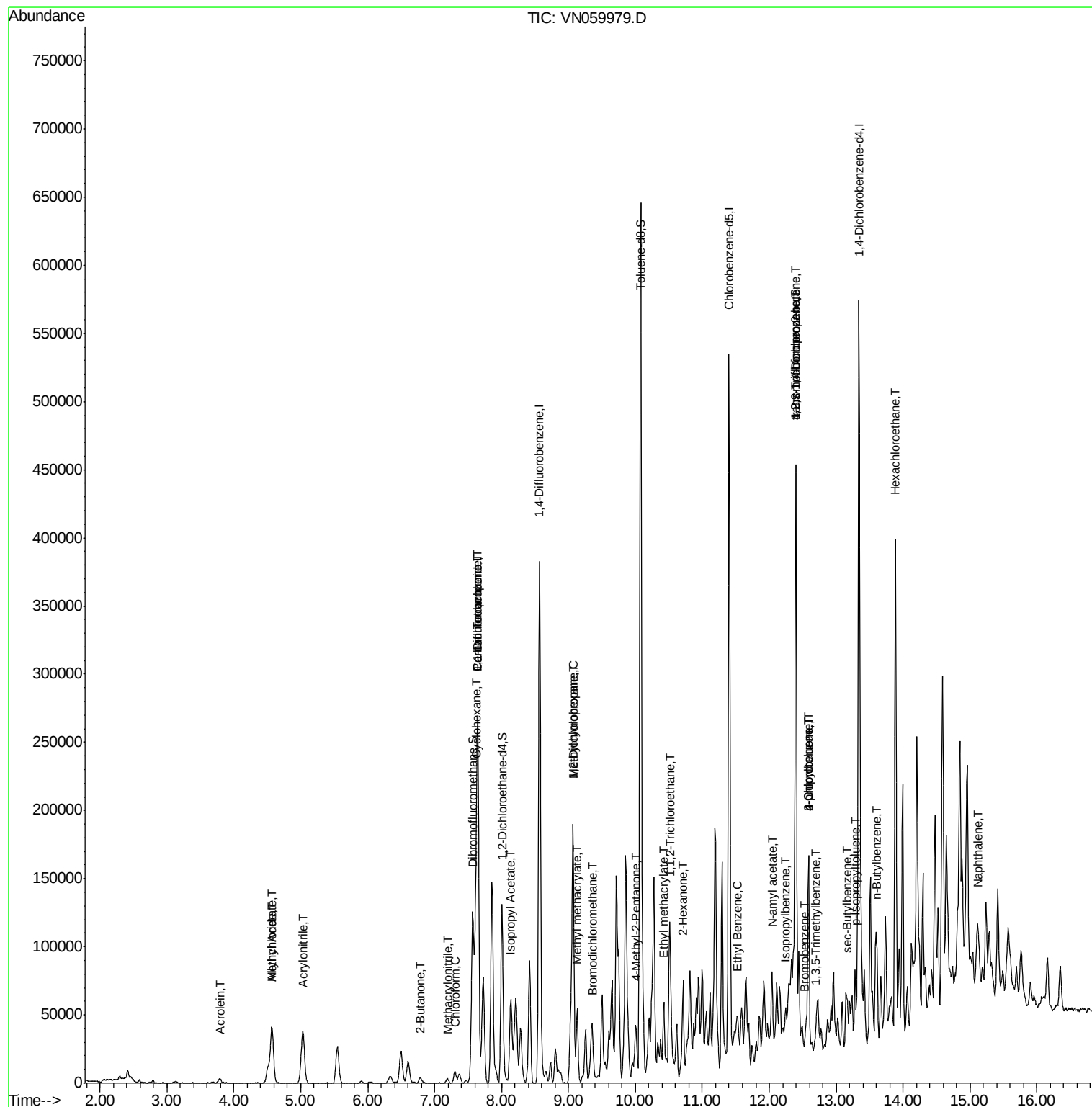
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	18019	10.448	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.24	75	110	Below Cal	#	1
95) Naphthalene	15.13	128	16609	2.144	ug/l #	90

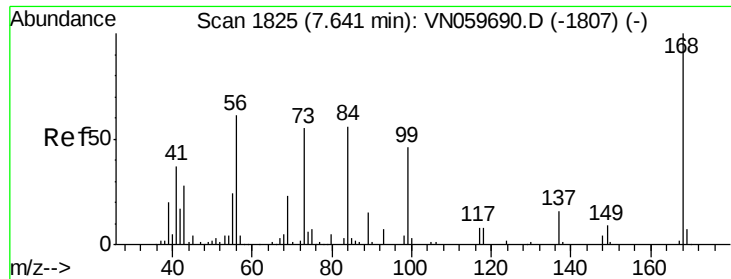
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

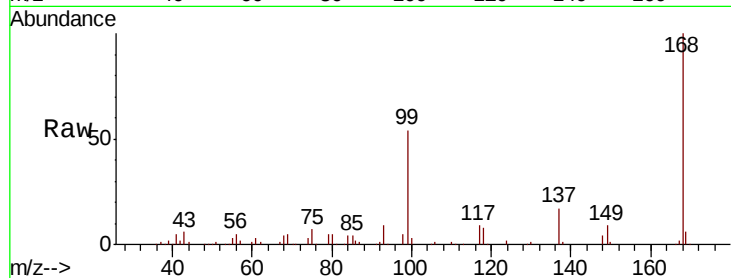
ClientSampleId :

Tot Ion:168 Resp: 200984

Ion Ratio Lower Upper

168 100

99 53.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059979.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059979.D (-1732) (-)

7.64

80000

60000

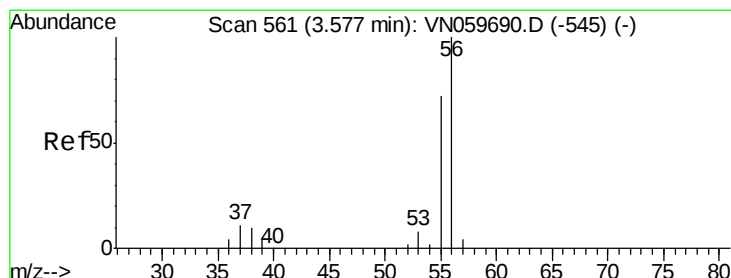
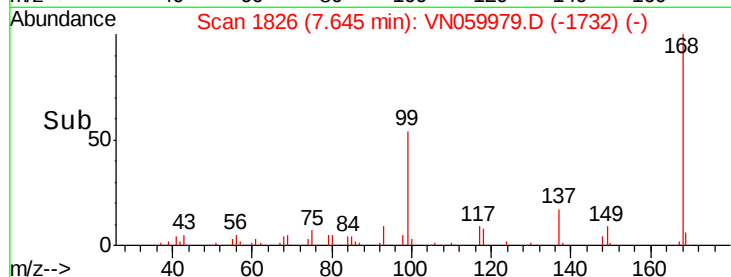
40000

20000

0

7.60 7.70

Time-->



#13

Acrolein

Concen: 0.391 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.21 min

Lab File: VN059979.D

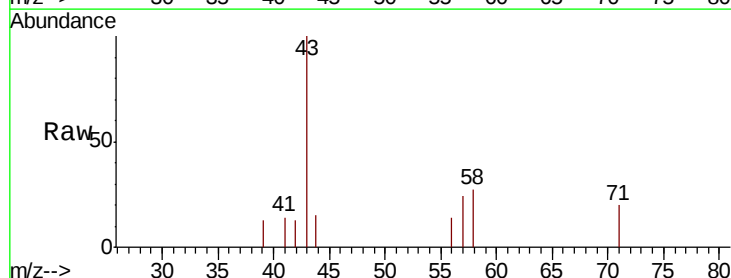
Acq: 3 Feb 2020 16:56

Tgt Ion: 56 Resp: 104

Ion Ratio Lower Upper

56 100

55 0.0 58.6 88.0#



Abundance Ion 56.00 (55.70 to 56.70): VN059979.D (-468) (-)

Ion 55.00 (54.70 to 55.70): VN059979.D (-468) (-)

3.79

200

150

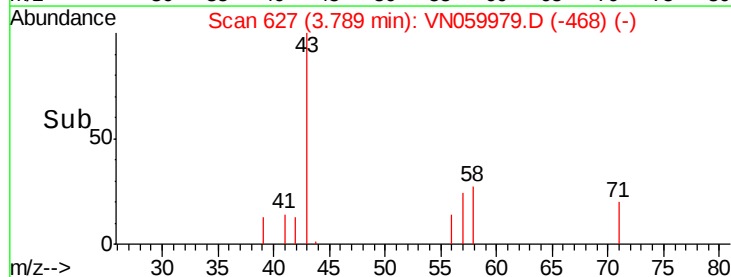
100

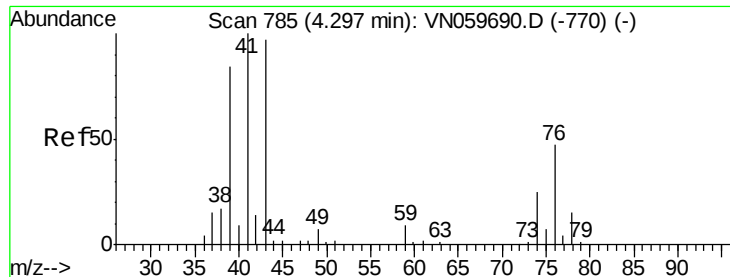
50

0

3.78 3.79 3.80

Time-->

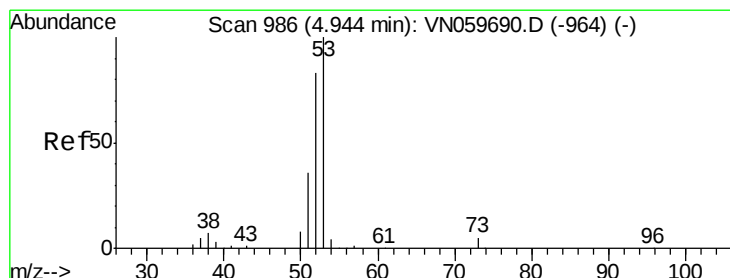
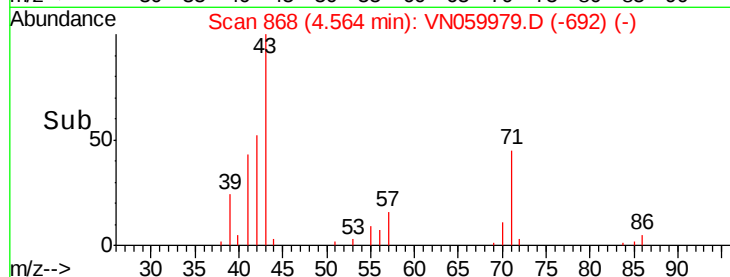
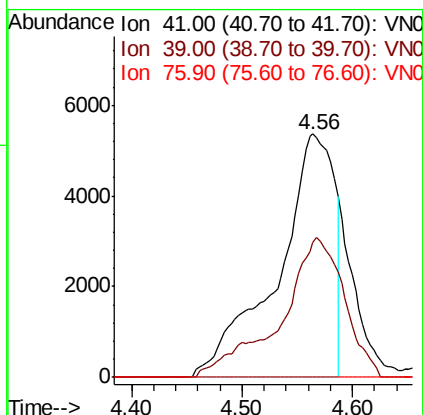
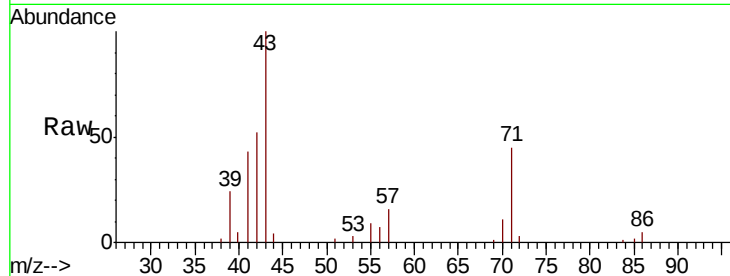




#14
Allvl chloride
Concen: 7.740 ug/l
RT: 4.56 min Scan# 868
Delta R.T. 0.27 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

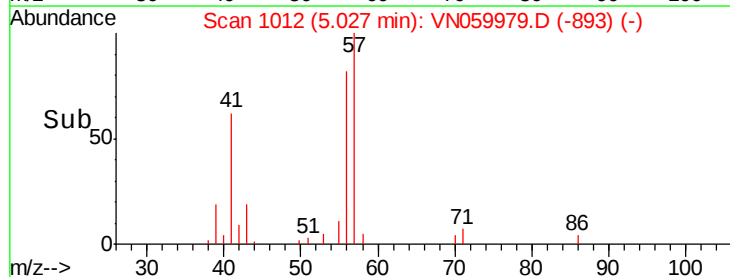
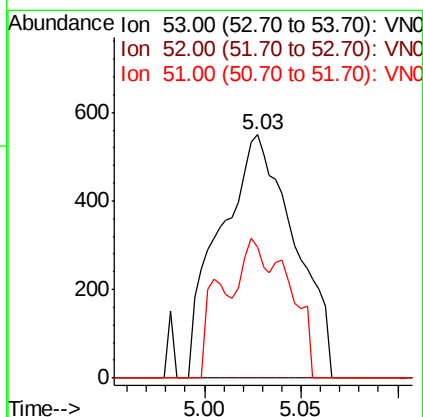
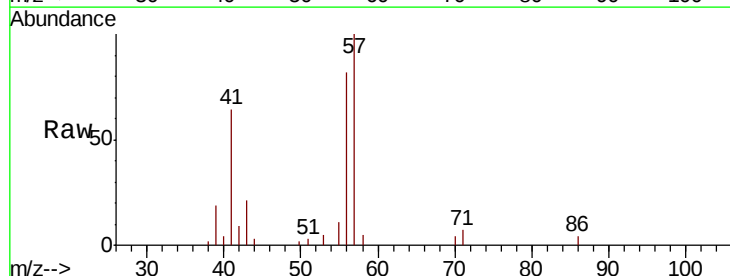
Instrument :
MSVOA_N
ClientSampleId :

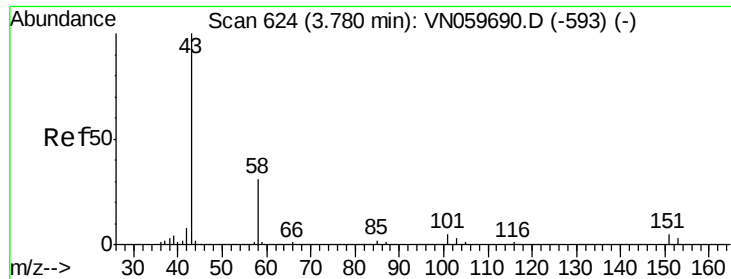
Tot Ion: 41 Resp: 19183
Ion Ratio Lower Upper
41 100
39 54.1 57.8 86.8#
76 0.0 25.4 38.0#



#15
Acrylonitrile
Concen: 1.716 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.08 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Tgt Ion: 53 Resp: 1471
Ion Ratio Lower Upper
53 100
52 0.0 66.3 99.5#
51 8.8 29.7 44.5#





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

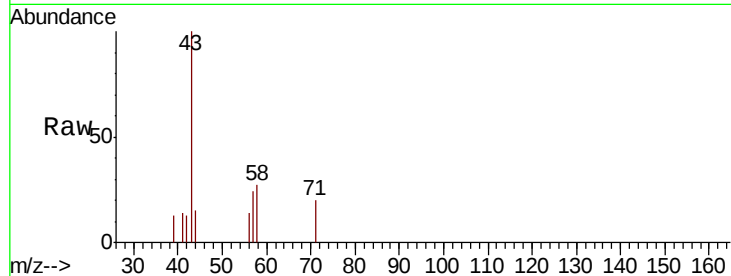
ClientSampled :

Tot Ion: 43 Resp: 4385

Ion Ratio Lower Upper

43 100

58 27.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

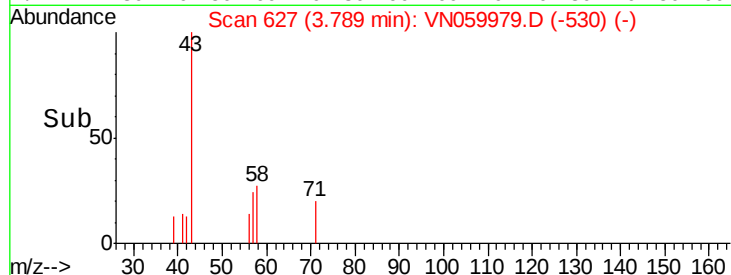
1500

1000

500

0

Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

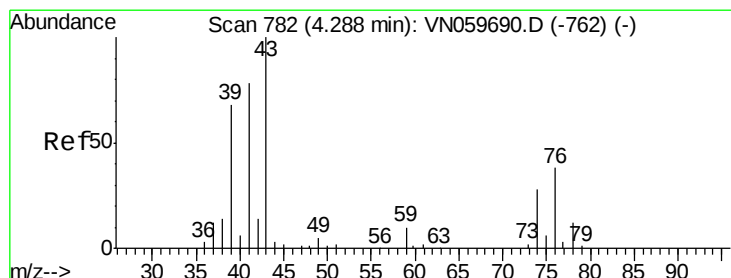
1500

1000

500

0

Time-->



#18

Methyl Acetate

Concen: 14.247 ug/l

RT: 4.56 min Scan# 868

Delta R.T. 0.28 min

Lab File: VN059979.D

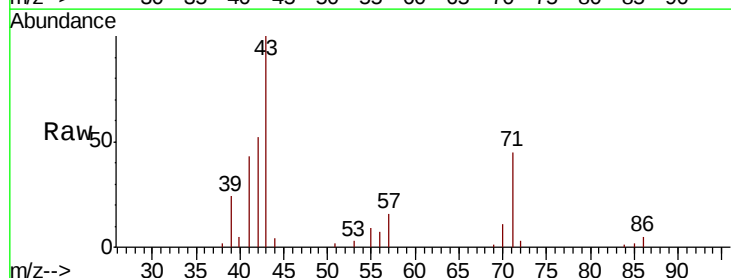
Acq: 3 Feb 2020 16:56

Tgt Ion: 43 Resp: 37144

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

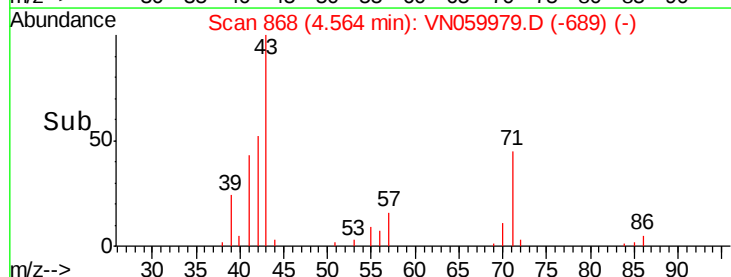
Ion 74.00 (73.70 to 74.70): VN0

10000

5000

0

Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN0

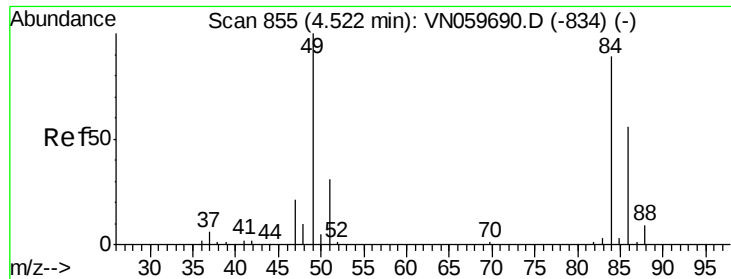
Ion 74.00 (73.70 to 74.70): VN0

10000

5000

0

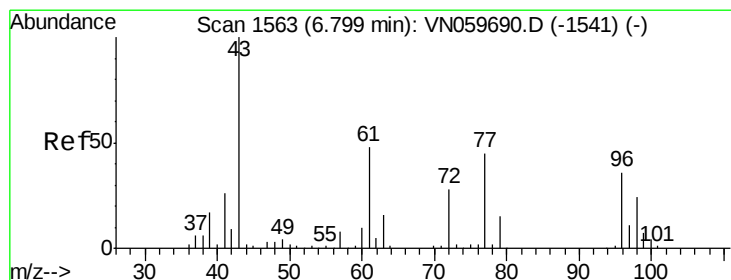
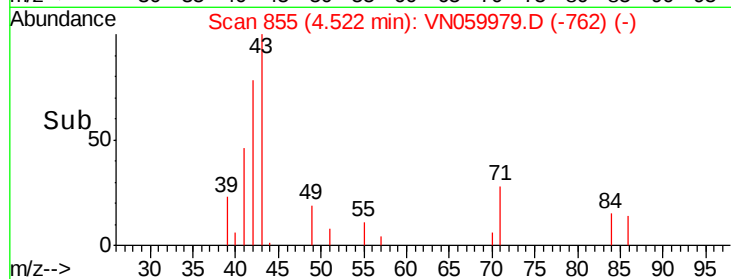
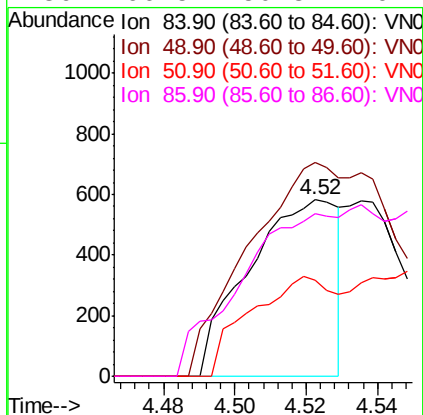
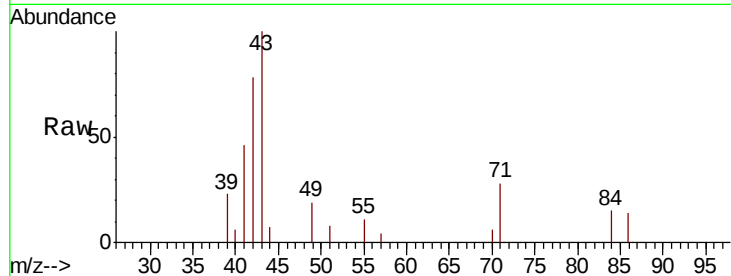
Time-->



#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

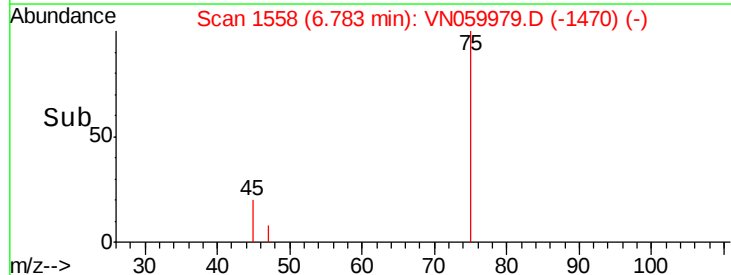
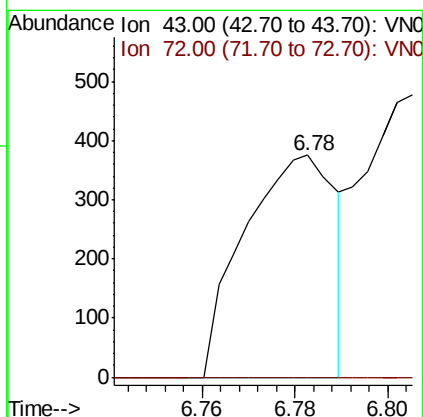
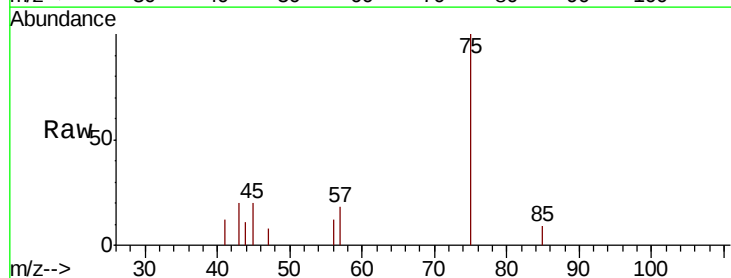
Instrument :
MSVOA_N
ClientSampled :

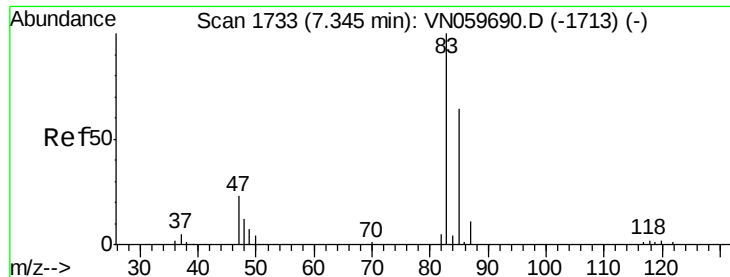
Tot Ion: 84 Resp: 1014
Ion Ratio Lower Upper
84 100
49 121.1 106.6 160.0
51 54.3 31.9 47.9#
86 66.5 50.8 76.2



#25
2-Butanone
Concen: 0.406 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.02 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Tgt Ion: 43 Resp: 513
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#

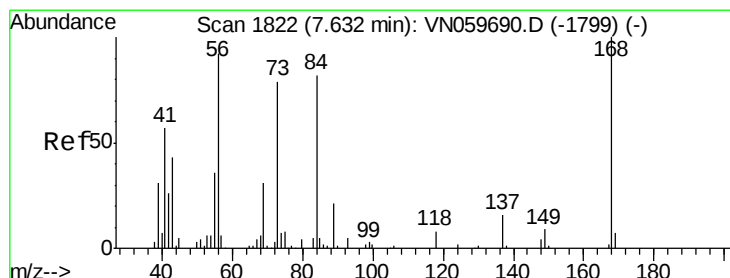
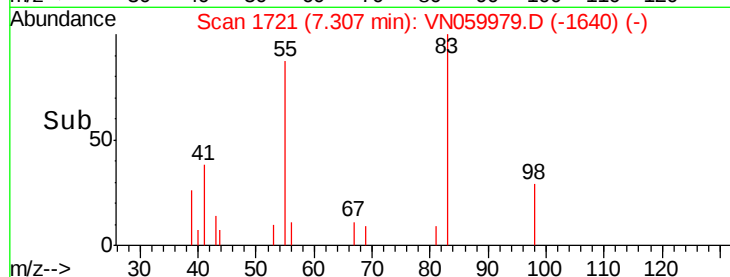
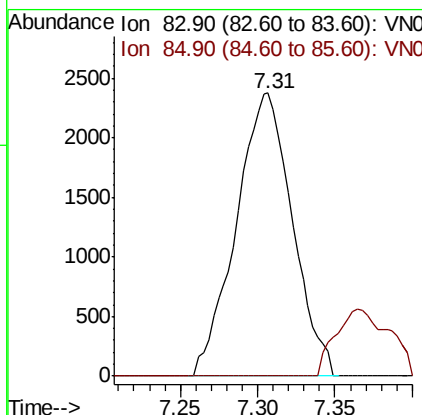
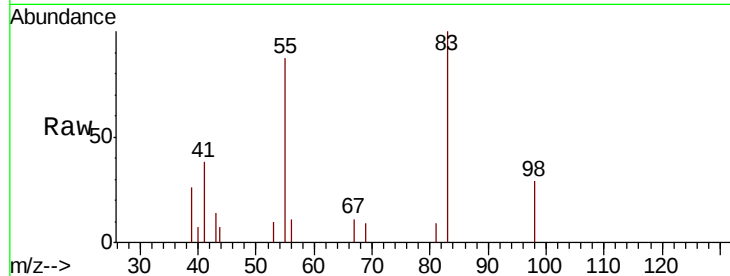




#30
Chloroform
Concen: 1.686 ug/l
RT: 7.31 min Scan# 1721
Delta R.T. -0.04 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

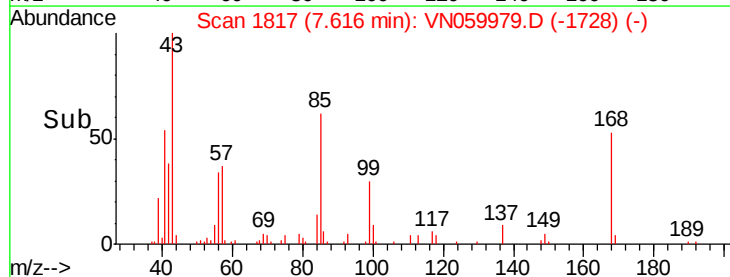
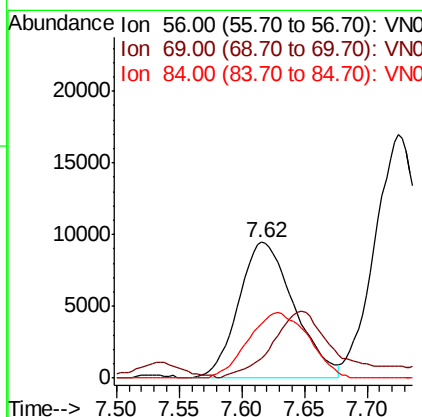
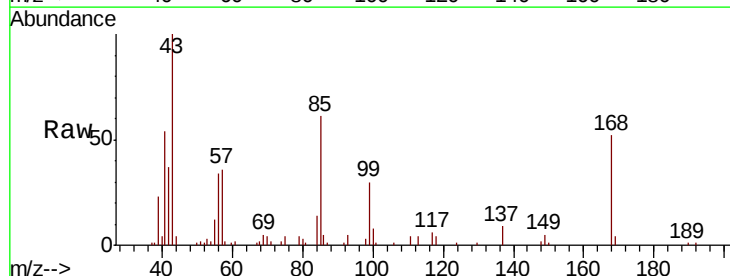
Instrument :
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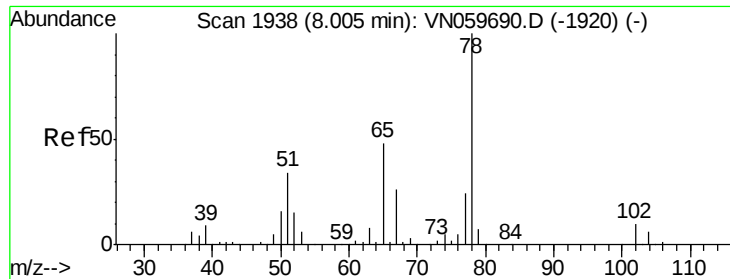
Tot Ion: 83 Resp: 5994
Ion Ratio Lower Upper
83 100
85 0.0 52.4 78.6#



#31
Cyclohexane
Concen: 8.871 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. -0.02 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Tgt Ion: 56 Resp: 29296
Ion Ratio Lower Upper
56 100
69 9.7 26.5 39.7#
84 40.0 65.3 97.9#

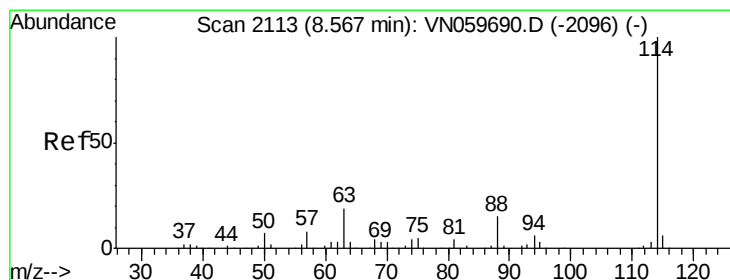
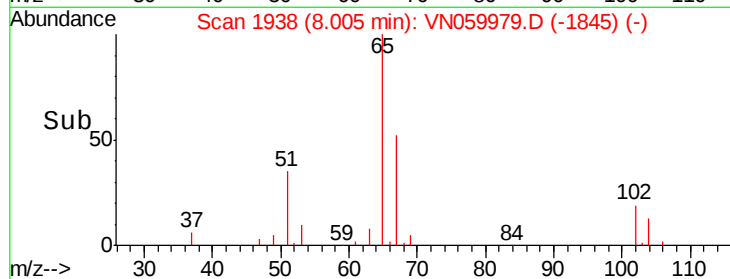
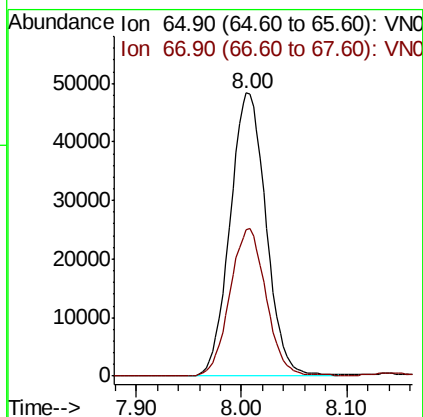
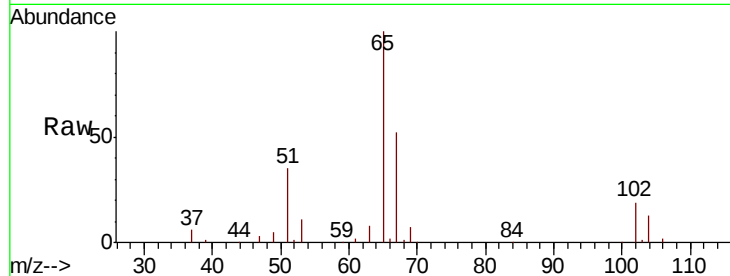




#33
 1,2-Dichloroethane-d4
 Concen: 51.320 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059979.D
 Acq: 3 Feb 2020 16:56

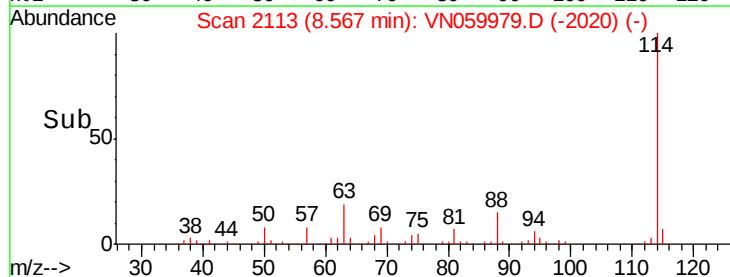
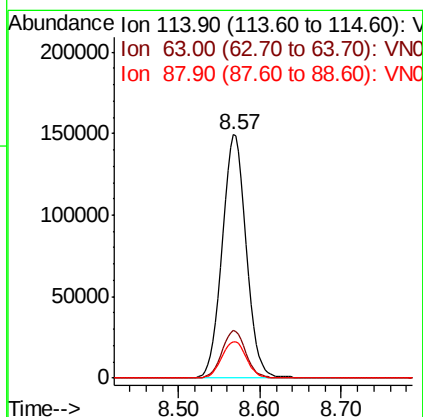
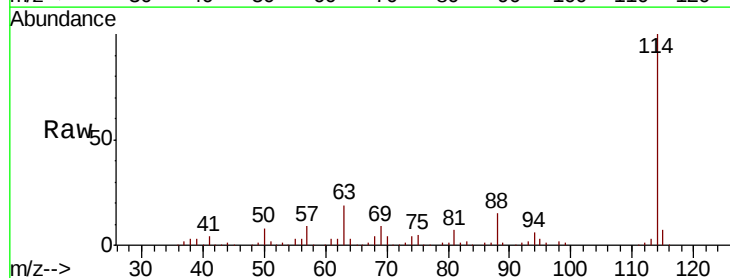
Instrument :
 MSVOA_N
 ClientSampleId :

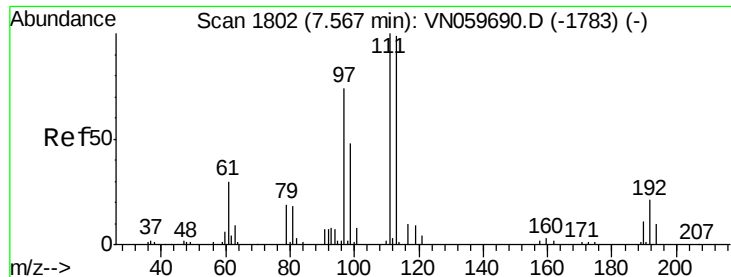
Tot Ion: 65 Resp: 114546
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059979.D
 Acq: 3 Feb 2020 16:56

Tgt Ion: 114 Resp: 312882
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.6
 88 15.1 0.0 31.4

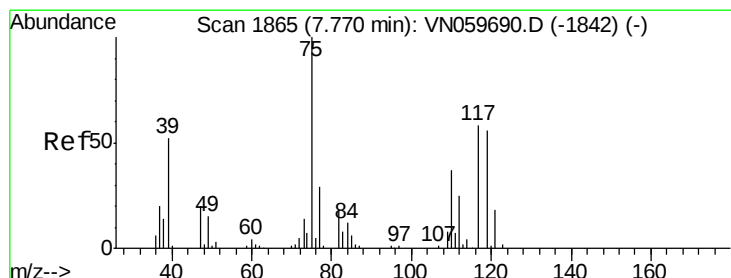
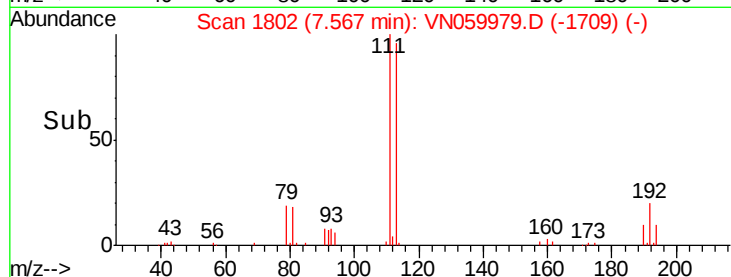
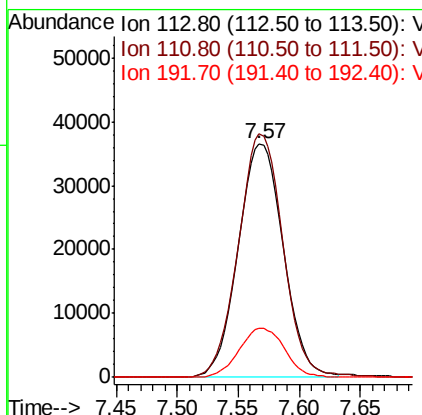
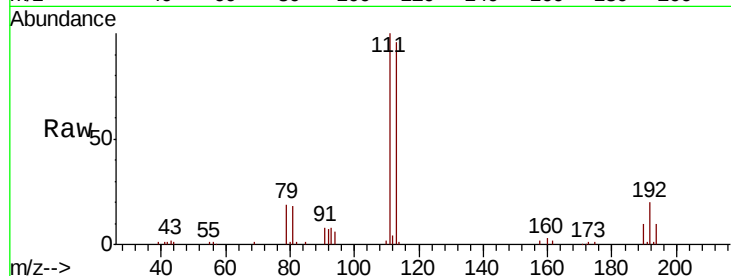




#35
 Dibromofluoromethane
 Concen: 50.212 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059979.D
 Acq: 3 Feb 2020 16:56

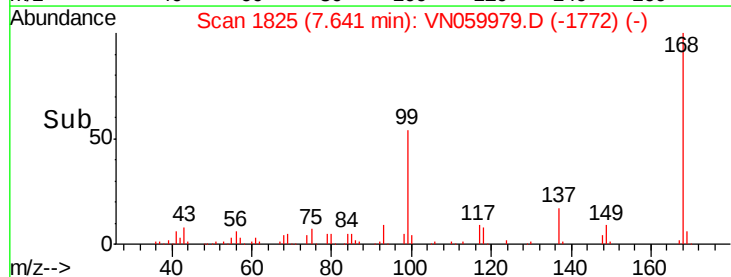
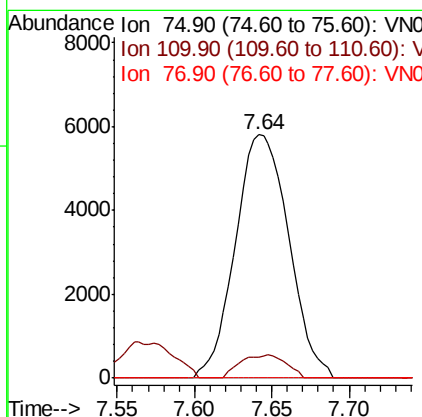
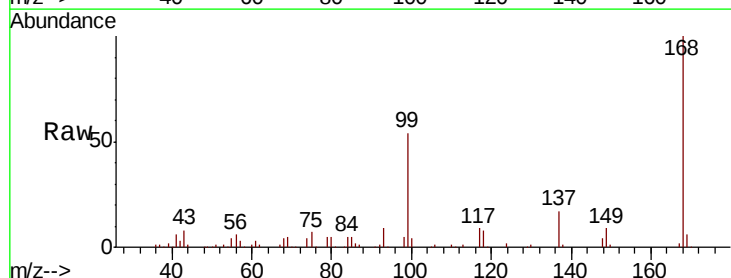
Instrument :
 MSVOA_N
 ClientSampled :

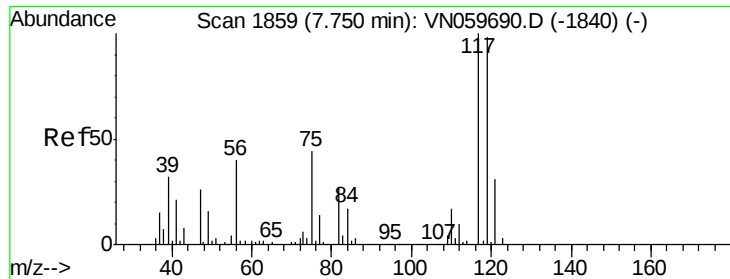
Tot Ion:113 Resp: 93689
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.5 125.3
 192 21.1 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 5.118 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059979.D
 Acq: 3 Feb 2020 16:56

Tgt Ion: 75 Resp: 13946
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.6 49.7#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.295 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

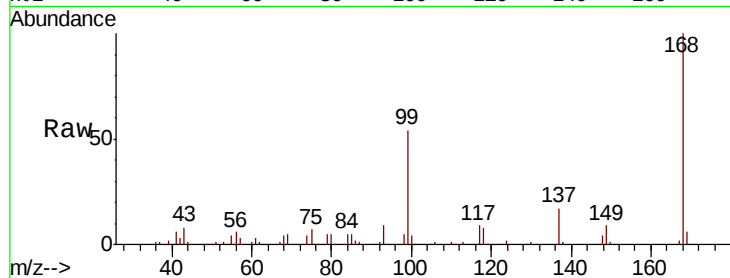
Tot Ion:117 Resp: 18658

Ion Ratio Lower Upper

117 100

119 4.5 76.5 114.7#

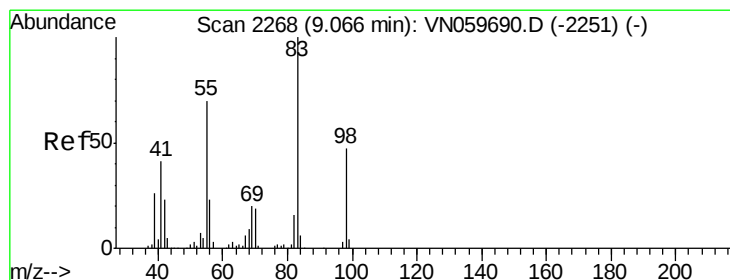
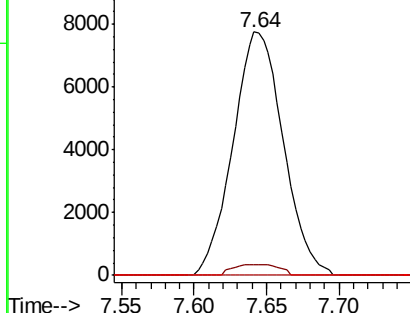
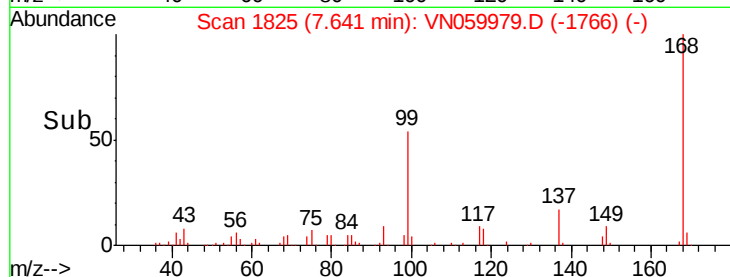
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 22.072 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

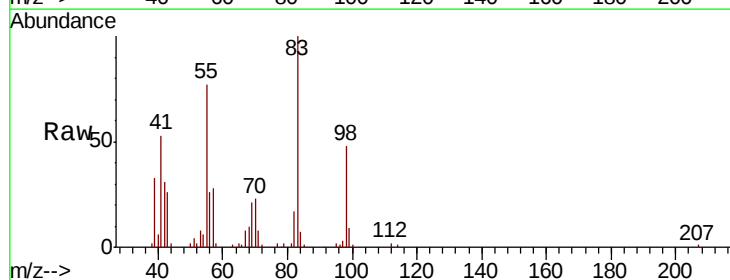
Tgt Ion: 83 Resp: 74153

Ion Ratio Lower Upper

83 100

55 76.6 64.2 96.2

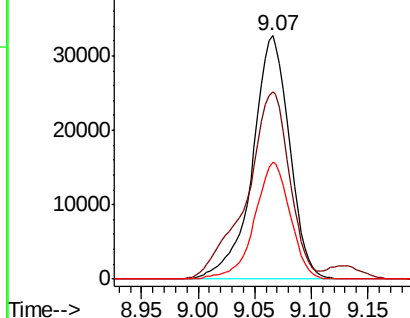
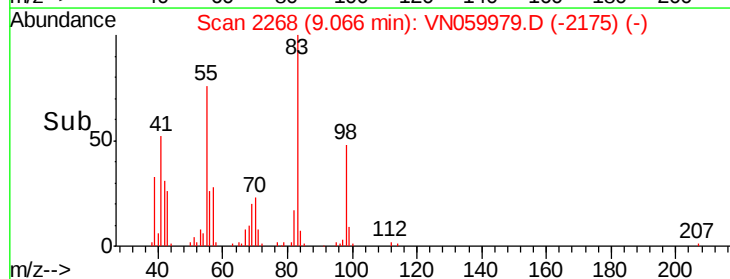
98 48.1 35.9 53.9

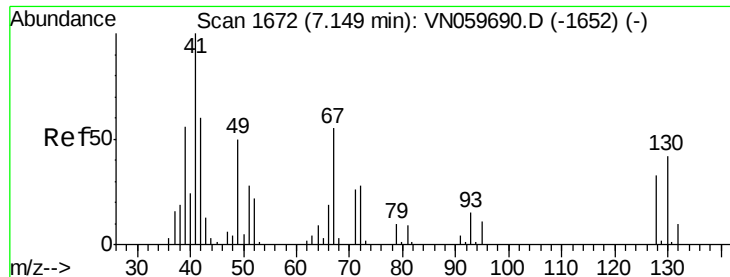


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#41

Methacrylonitrile

Concen: 1.286 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.04 min

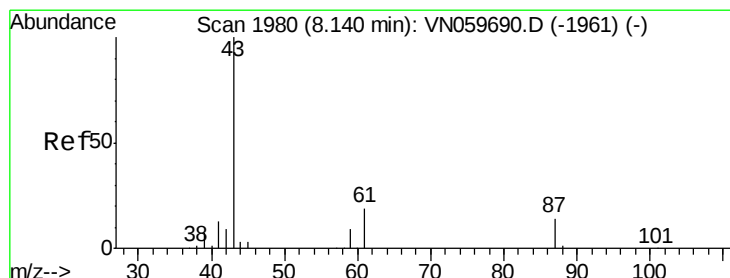
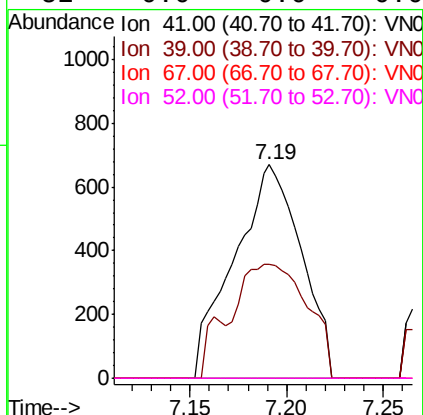
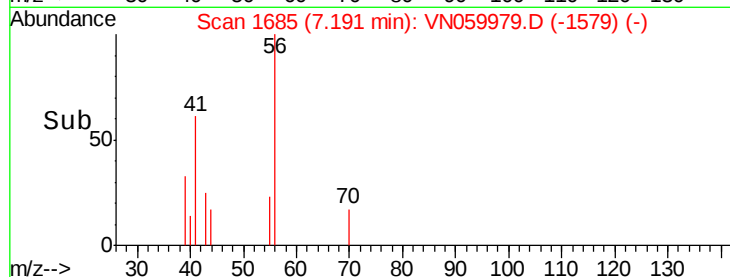
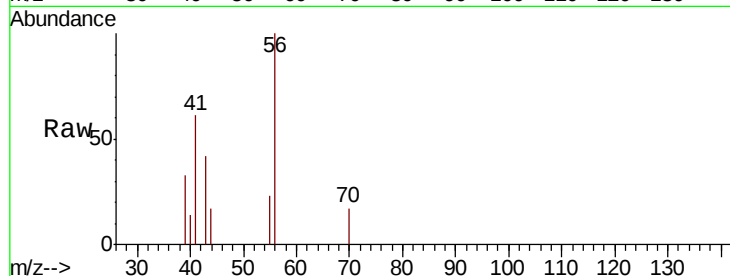
Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 1619

Ion	Ratio	Lower	Upper
41	100		
39	53.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43

Isopropyl Acetate

Concen: 2.960 ug/l

RT: 8.13 min Scan# 1976

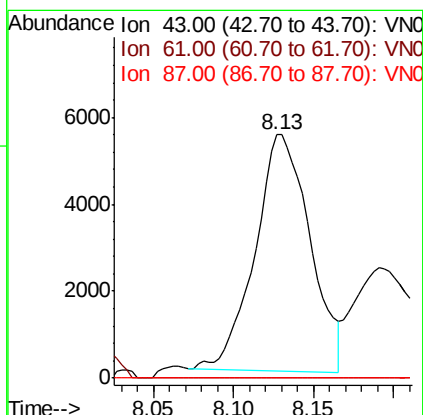
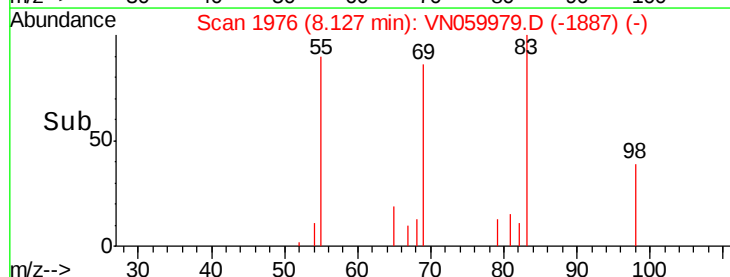
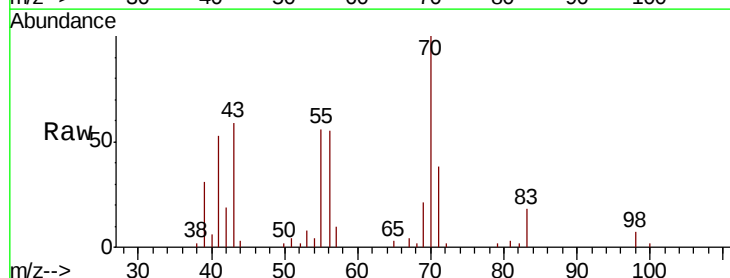
Delta R.T. -0.01 min

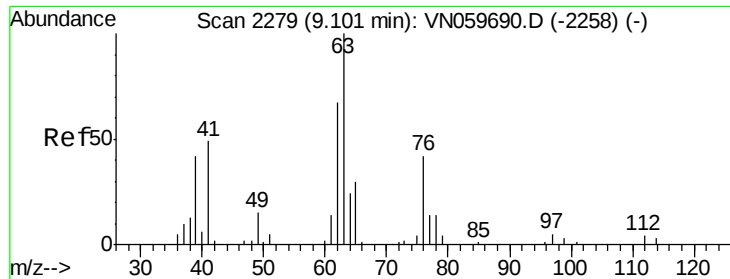
Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Tgt Ion: 43 Resp: 13009

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.2	30.2#
87	0.0	9.5	14.3#





#45

1,2-Dichloropropane

Concen: 0.284 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. -0.03 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

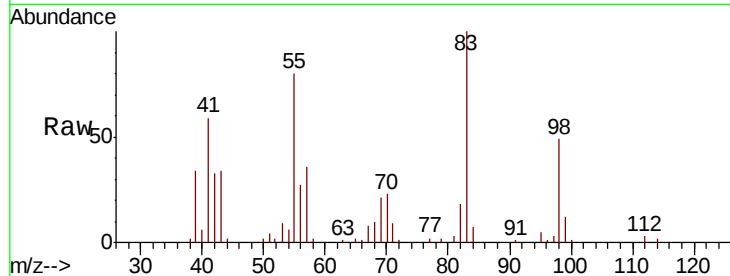
ClientSampled :

Tot Ion: 63 Resp: 572

Ion Ratio Lower Upper

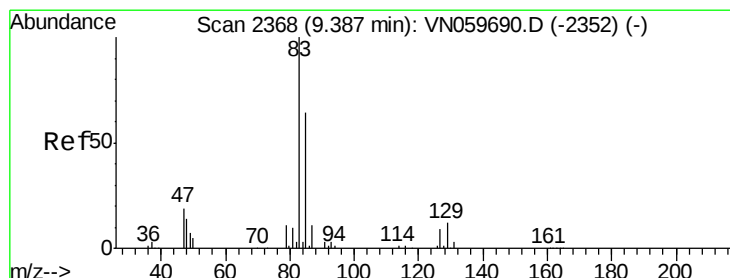
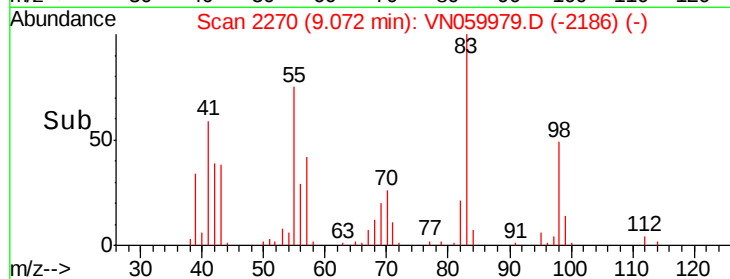
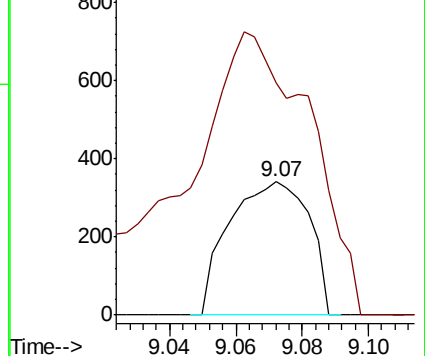
63 100

65 116.1 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#47

Bromodichloromethane

Concen: 3.328 ug/l

RT: 9.37 min Scan# 2364

Delta R.T. -0.01 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

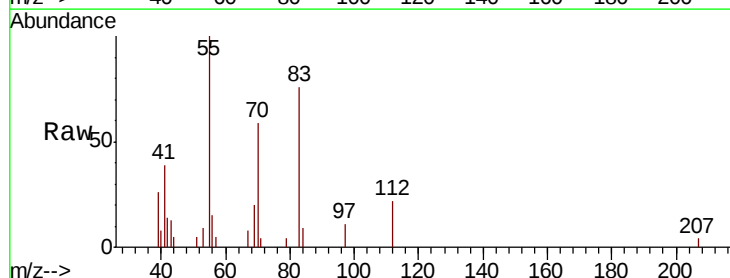
Tgt Ion: 83 Resp: 9513

Ion Ratio Lower Upper

83 100

85 0.0 51.1 76.7#

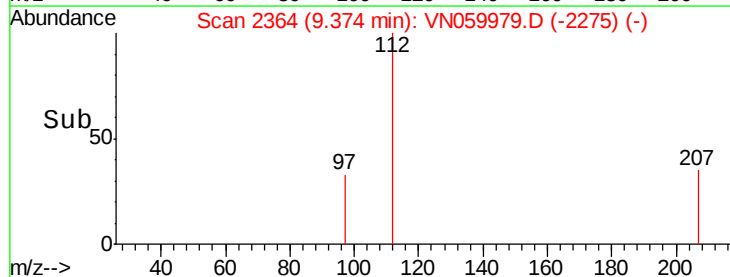
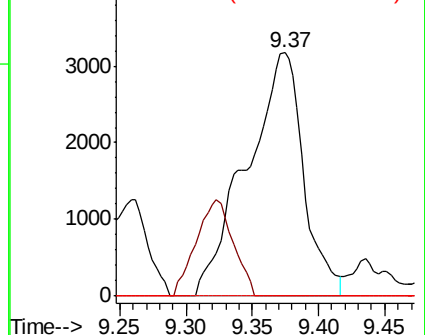
127 0.0 6.6 9.8#

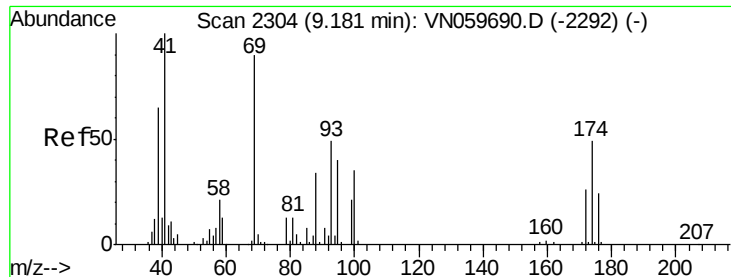


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

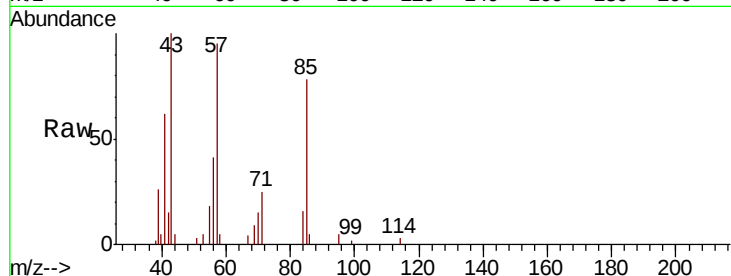




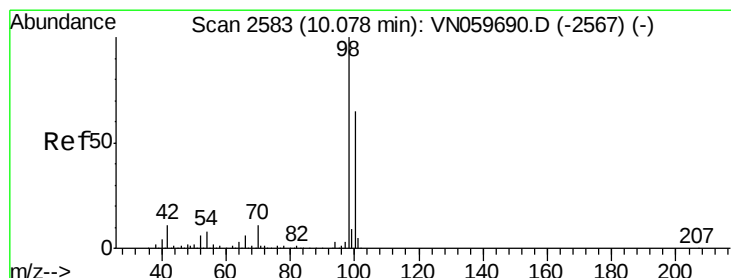
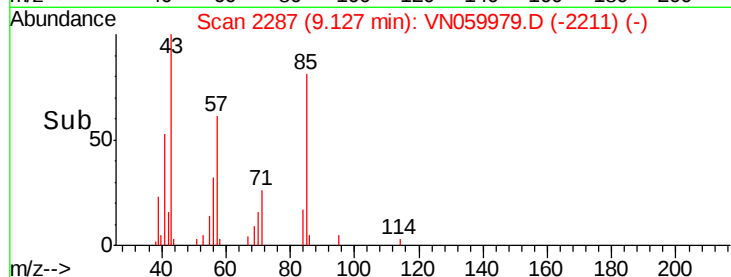
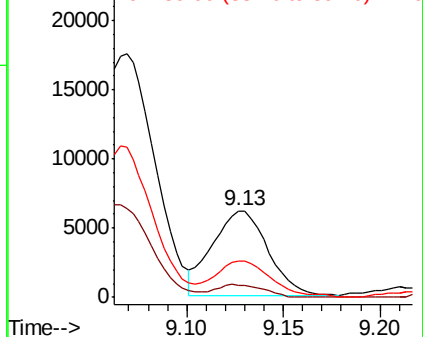
#48
Methvl methacrylate
Concen: 6.176 ug/l
RT: 9.13 min Scan# 2287
Delta R.T. -0.05 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 12143
Ion Ratio Lower Upper
41 100
69 13.2 64.4 96.6#
39 44.4 51.3 76.9#

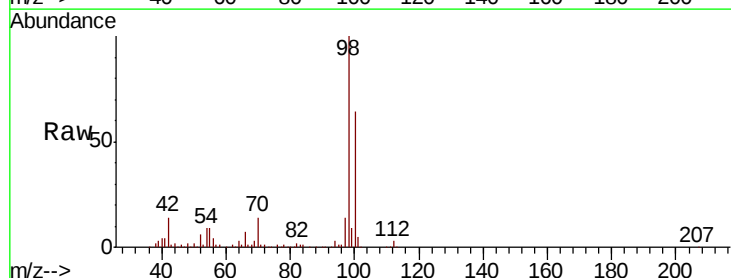


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

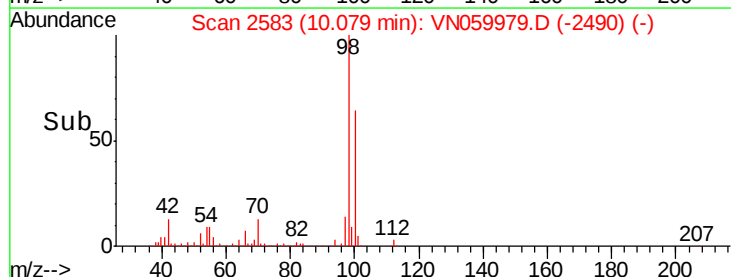
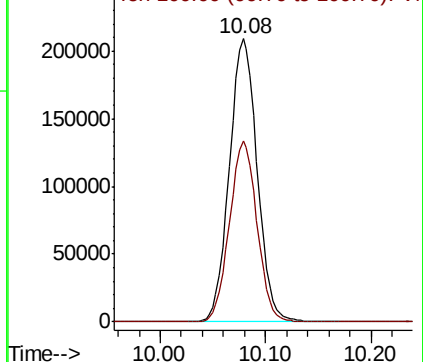


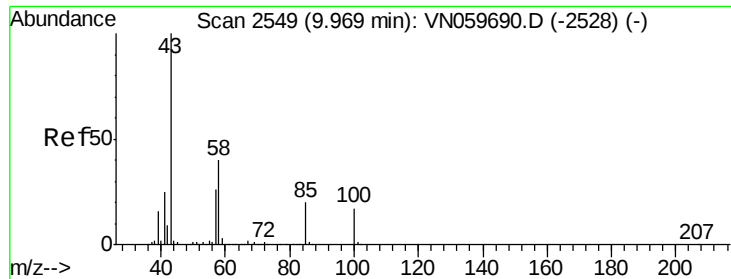
#50
Toluene-d8
Concen: 52.751 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Tgt Ion: 98 Resp: 381350
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 1.301 ug/l

RT: 10.01 min Scan# 2561

Delta R.T. 0.04 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

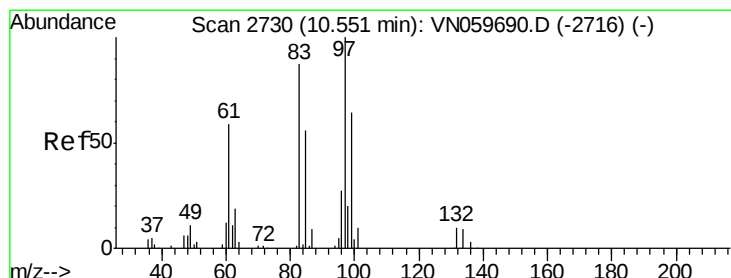
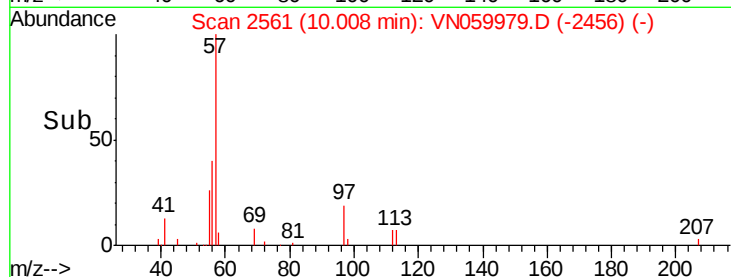
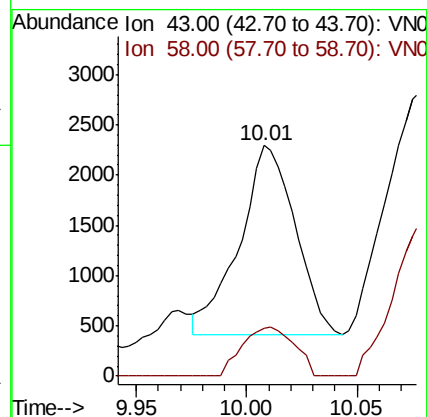
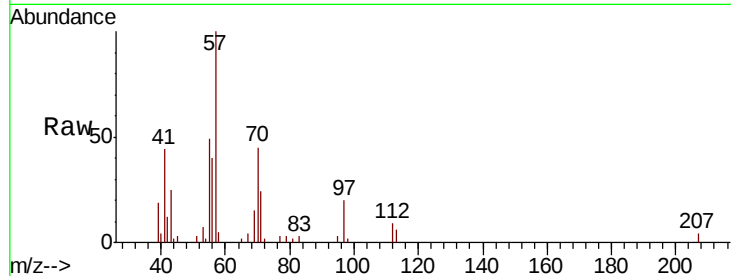
ClientSampleId :

Tot Ion: 43 Resp: 3306

Ion Ratio Lower Upper

43 100

58 24.3 29.8 44.8#



#55

1,1,2-Trichloroethane

Concen: 12.772 ug/l

RT: 10.52 min Scan# 2721

Delta R.T. -0.03 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Tgt Ion: 97 Resp: 25964

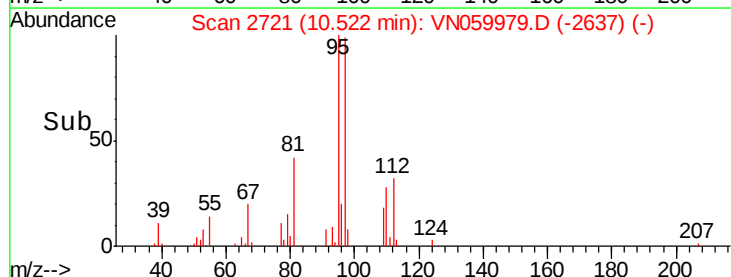
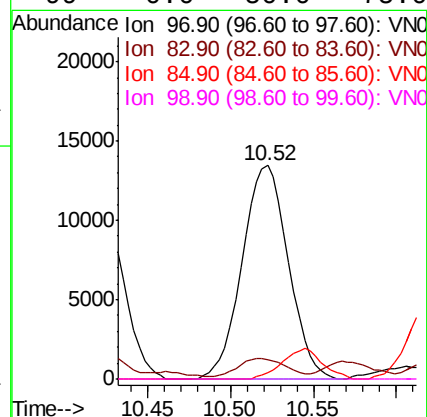
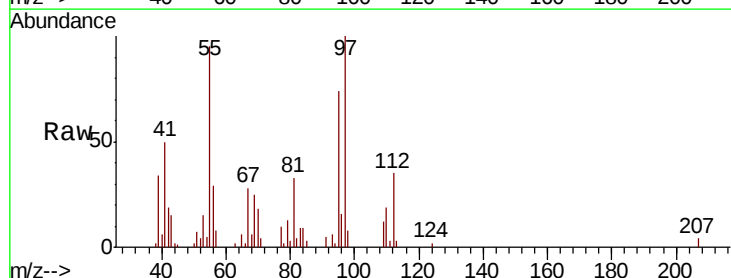
Ion Ratio Lower Upper

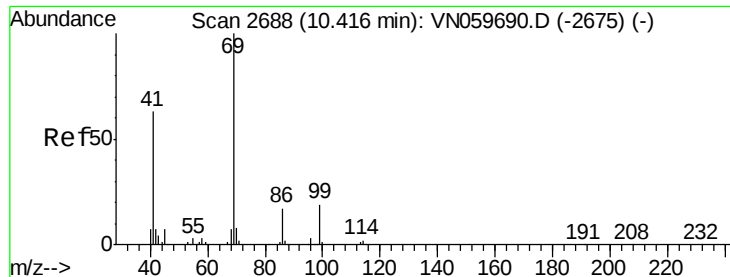
97 100

83 7.5 71.3 106.9#

85 2.9 45.8 68.8#

99 0.0 50.0 75.0#





#56

Ethyl methacrylate

Concen: 1.530 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

ClientSampled :

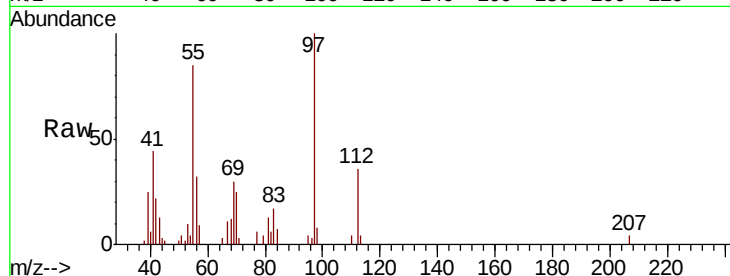
Tot Ion: 69 Resp: 4753

Ion Ratio Lower Upper

69 100

41 117.1 57.1 85.7#

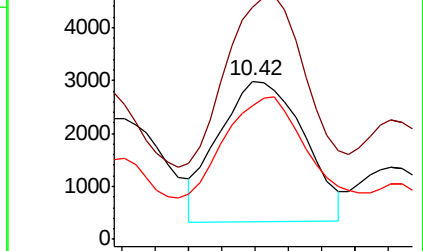
39 97.3 34.7 52.1#



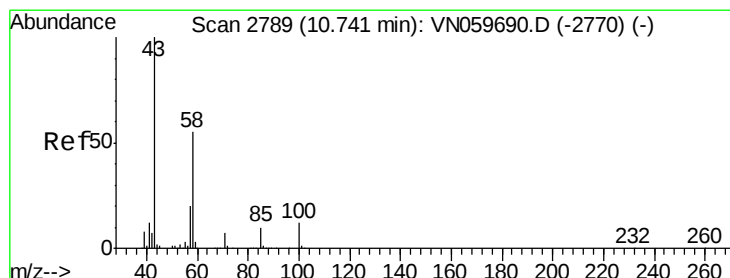
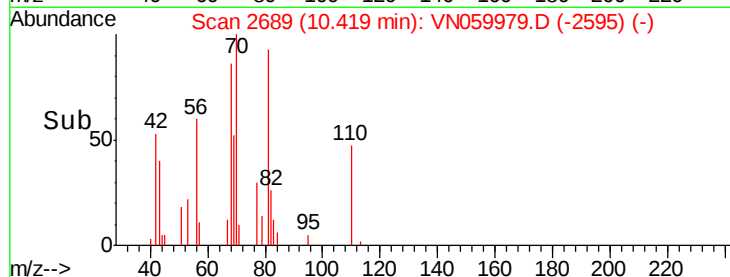
Abundance Ion 69.00 (68.70 to 69.70): VN059979.D (-2675) (-)

Ion 41.00 (40.70 to 41.70): VN059979.D (-2675) (-)

Ion 39.00 (38.70 to 39.70): VN059979.D (-2675) (-)



Time-->



#59

2-Hexanone

Concen: 13.953 ug/l

RT: 10.71 min Scan# 2780

Delta R.T. -0.03 min

Lab File: VN059979.D

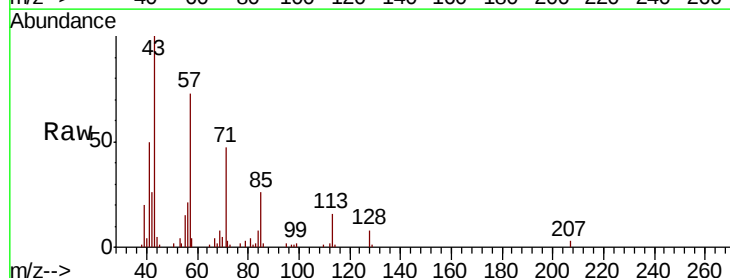
Acq: 3 Feb 2020 16:56

Tgt Ion: 43 Resp: 26119

Ion Ratio Lower Upper

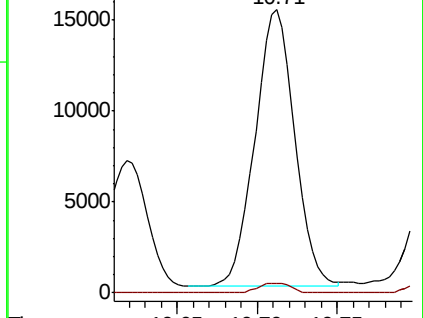
43 100

58 2.9 25.8 77.3#

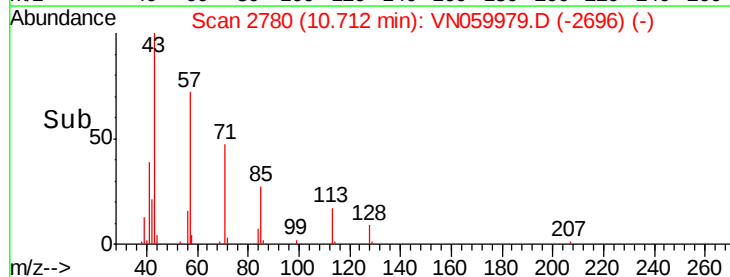


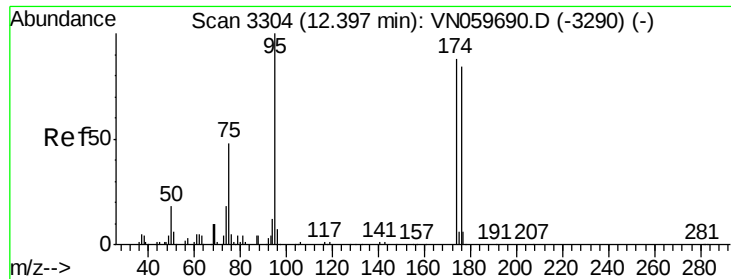
Abundance Ion 43.00 (42.70 to 43.70): VN059979.D (-2696) (-)

Ion 58.00 (57.70 to 58.70): VN059979.D (-2696) (-)



Time-->

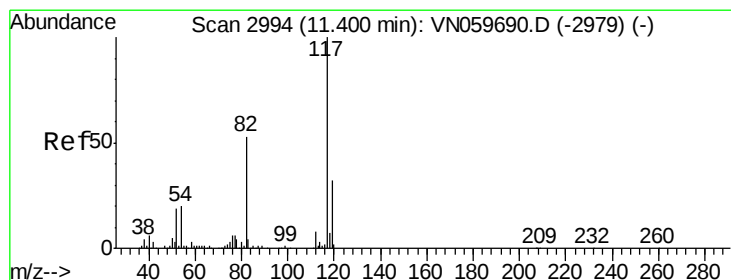
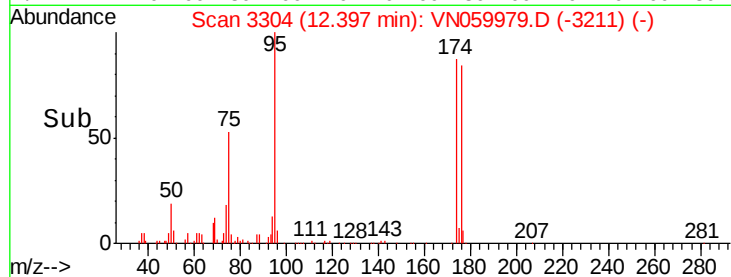
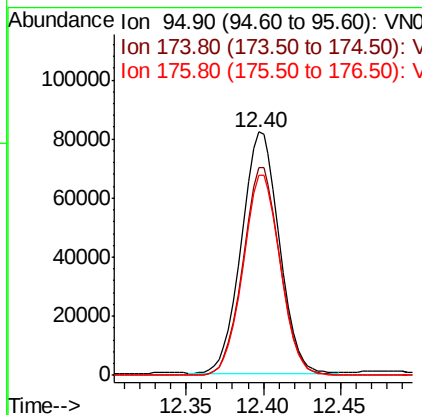
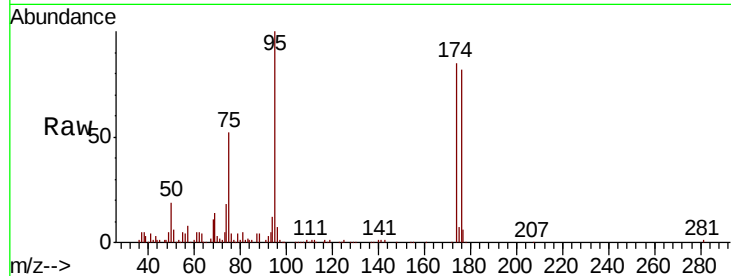




#62
4-Bromofluorobenzene
Concen: 53.110 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

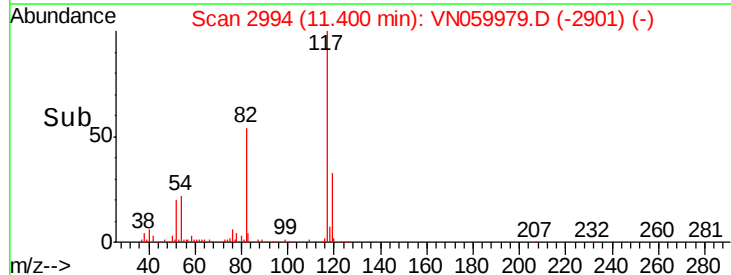
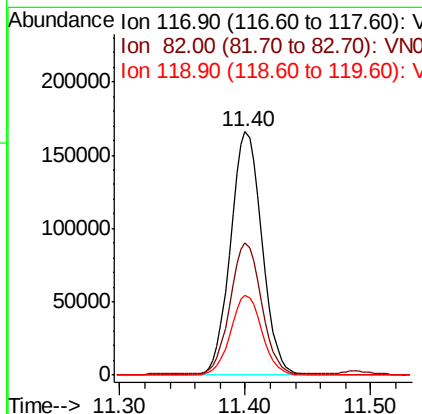
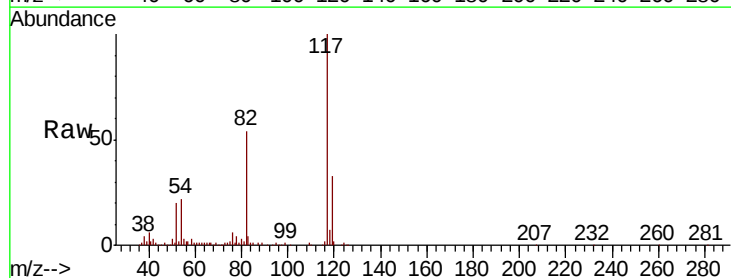
Instrument :
MSVOA_N
ClientSampled :

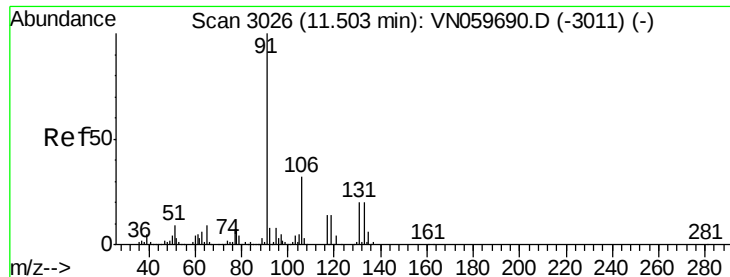
Tot Ion: 95 Resp: 138413
Ion Ratio Lower Upper
95 100
174 85.0 0.0 151.4
176 82.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Tgt Ion: 117 Resp: 289401
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.7 25.5 38.3

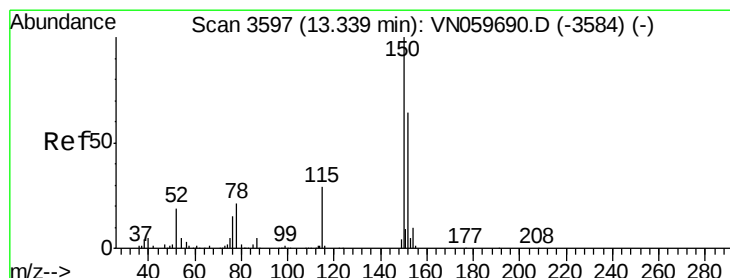
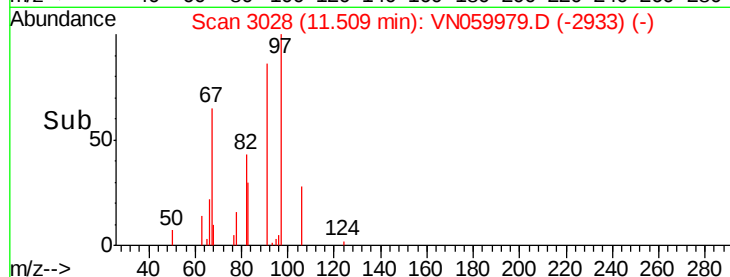
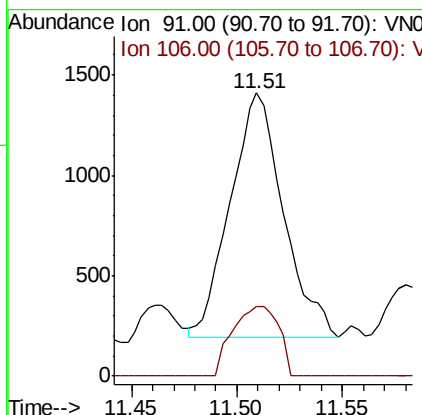
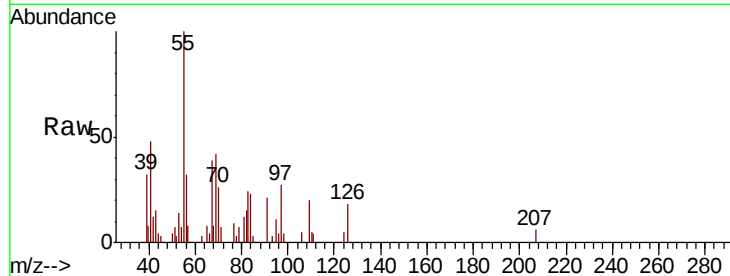




#67
Ethyl Benzene
Concen: 0.207 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.01 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

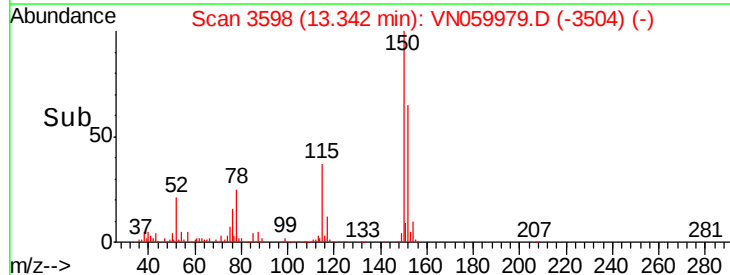
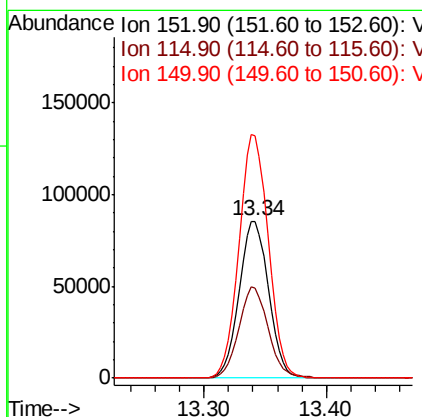
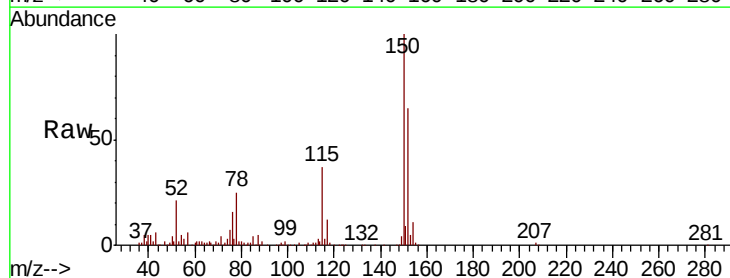
Instrument :
MSVOA_N
ClientSampled :

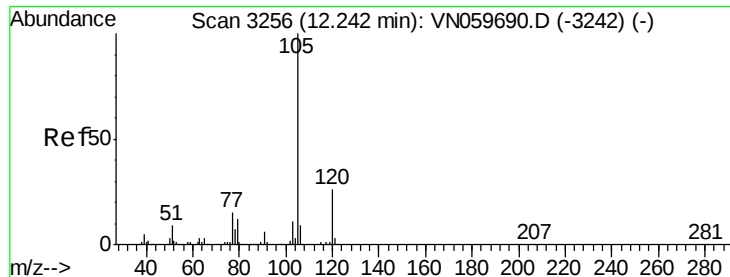
Tot Ion: 91 Resp: 2138
Ion Ratio Lower Upper
91 100
106 28.6 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Tgt Ion: 152 Resp: 142145
Ion Ratio Lower Upper
152 100
115 57.8 30.3 90.9
150 154.8 0.0 345.2





#73

Isopropylbenzene

Concen: 1.699 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

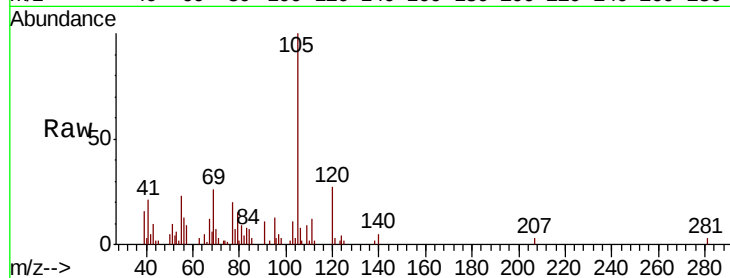
ClientSampled :

Tot Ion:105 Resp: 17714

Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

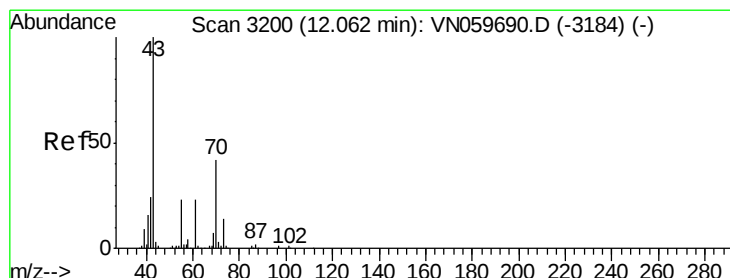
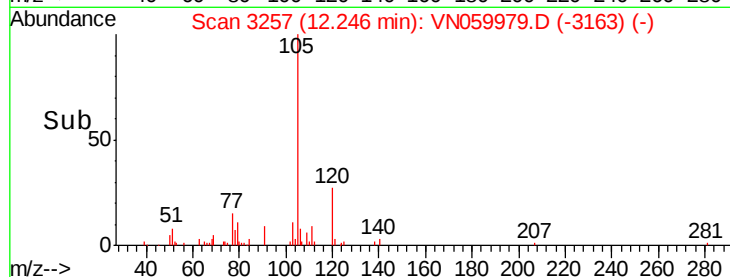
4000

2000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 3.260 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.02 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Tgt Ion: 43 Resp: 13189

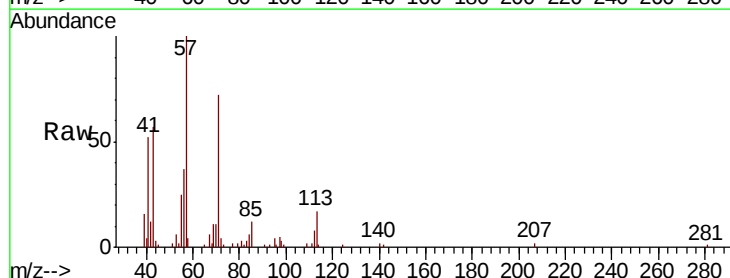
Ion Ratio Lower Upper

43 100

70 13.1 31.3 46.9#

55 16.1 19.8 29.6#

61 0.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

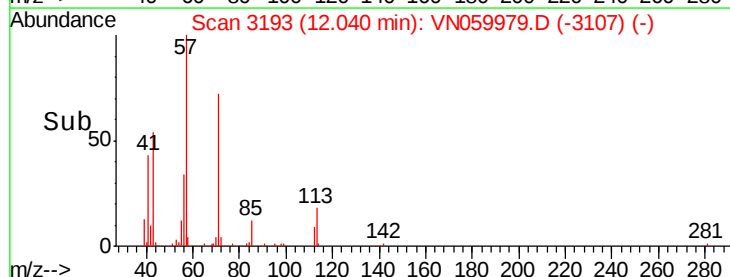
10000

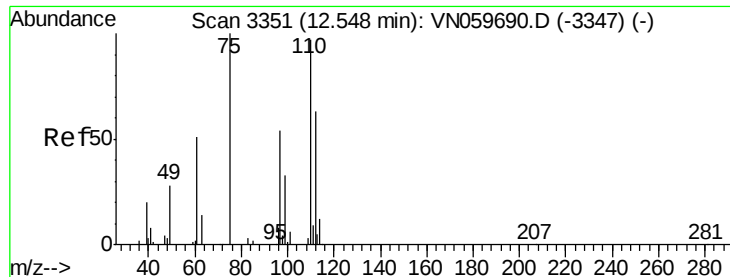
5000

0

12.00 12.05 12.10

Time-->





#76

1,2,3-Trichloropropane

Concen: 29.628 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

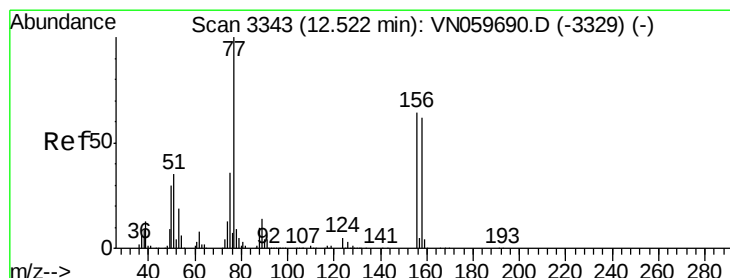
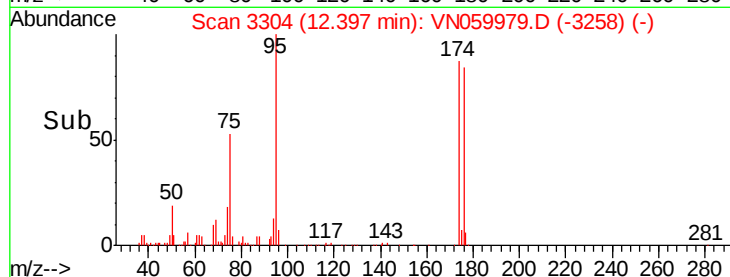
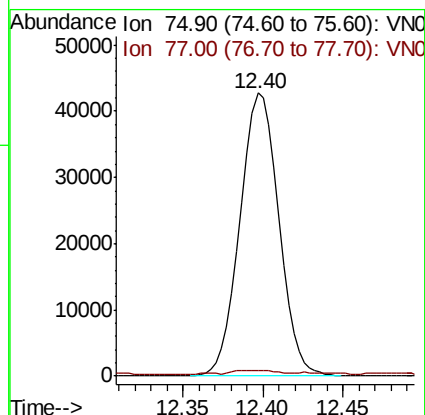
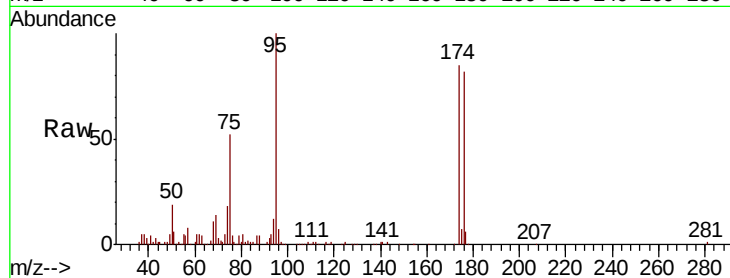
ClientSampled :

Tot Ion: 75 Resp: 70876

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#77

Bromobenzene

Concen: 0.413 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

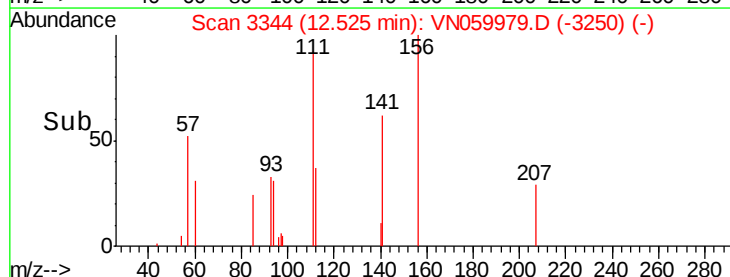
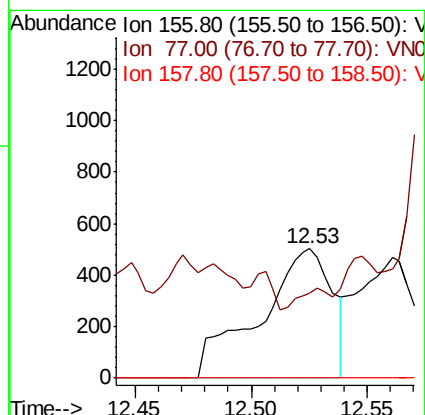
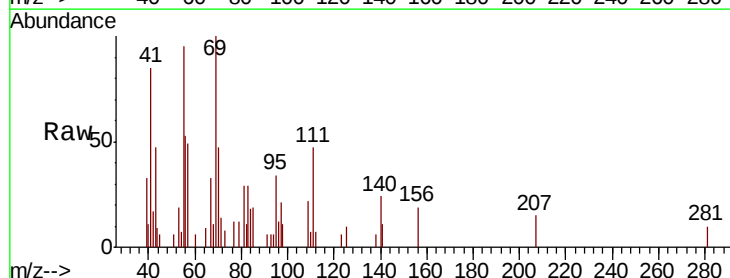
Tgt Ion: 156 Resp: 1089

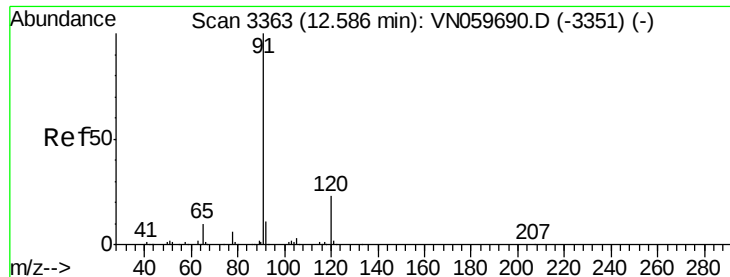
Ion Ratio Lower Upper

156 100

77 0.0 115.8 347.4#

158 0.0 49.2 147.6#





#78

n-propylbenzene

Concen: 9.393 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

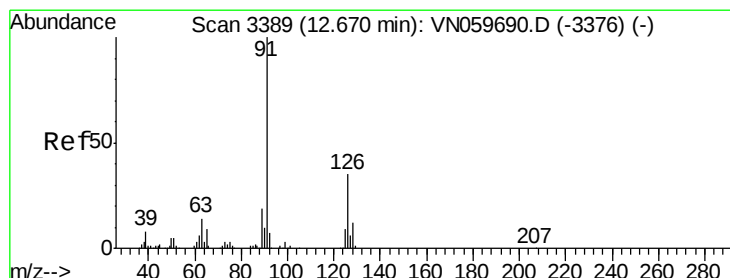
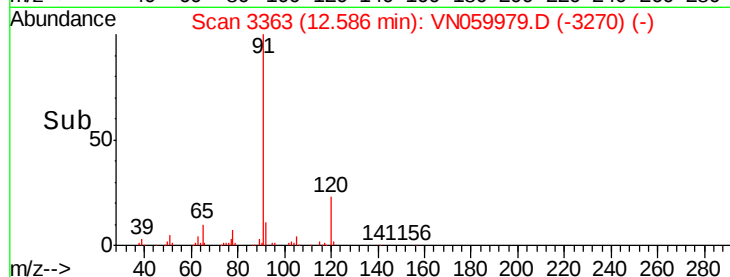
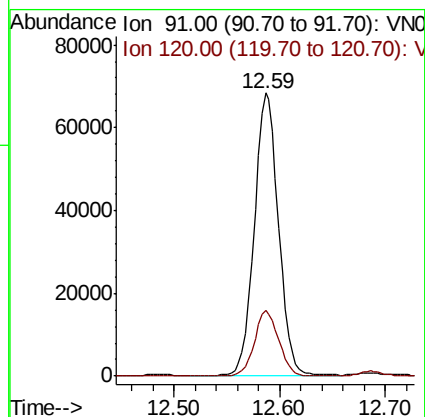
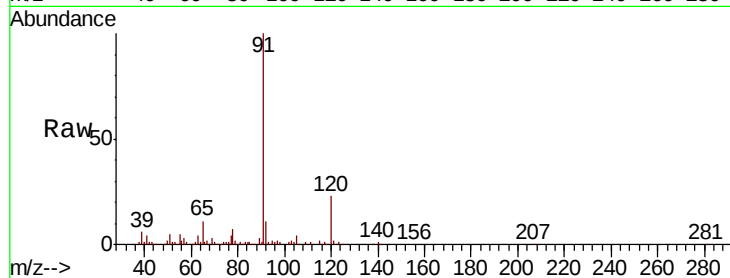
ClientSampled :

Tot Ion: 91 Resp: 109901

Ion Ratio Lower Upper

91 100

120 22.9 11.1 33.3



#79

2-Chlorotoluene

Concen: 15.789 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.08 min

Lab File: VN059979.D

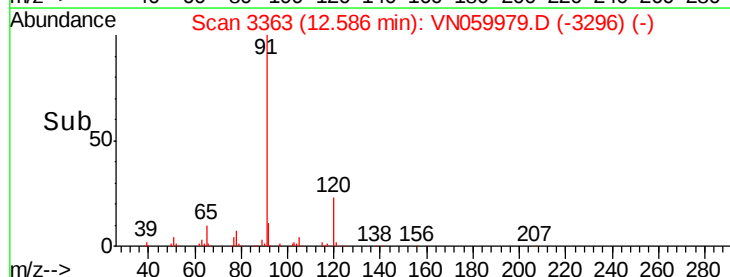
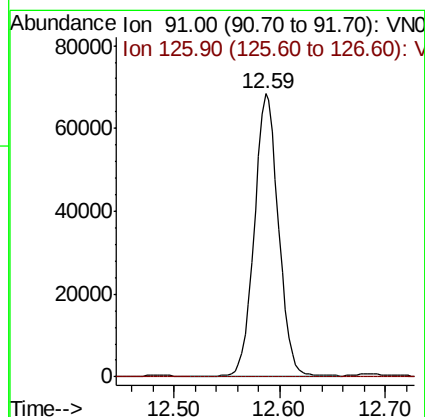
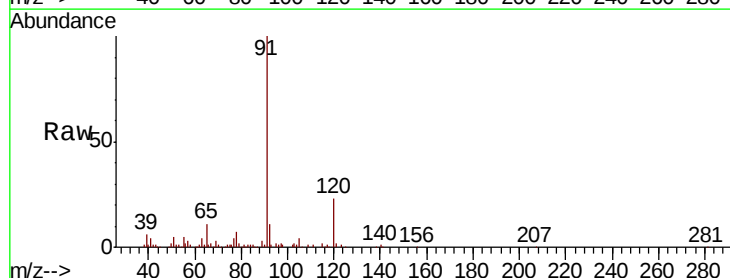
Acq: 3 Feb 2020 16:56

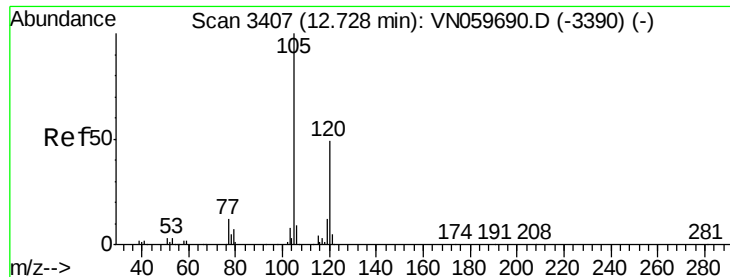
Tgt Ion: 91 Resp: 109901

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.9#





#80

1,3,5-Trimethylbenzene

Concen: 0.827 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.04 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

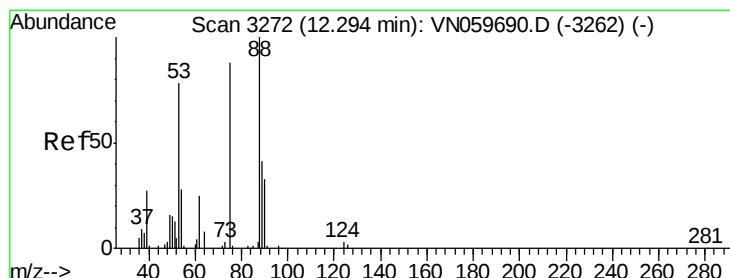
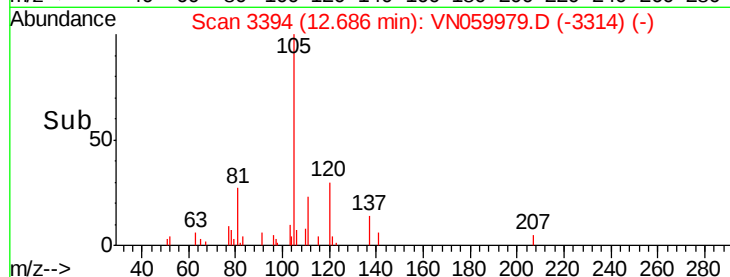
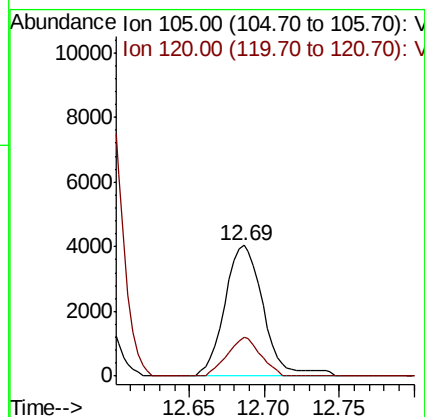
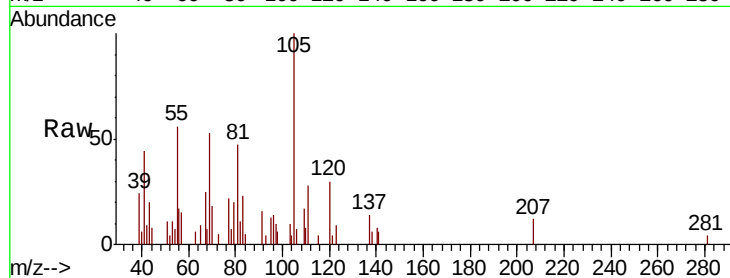
ClientSampled :

Tot Ion:105 Resp: 7248

Ion Ratio Lower Upper

105 100

120 25.9 24.1 72.4



#81

trans-1,4-Dichloro-2-butene

Concen: 63.627 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

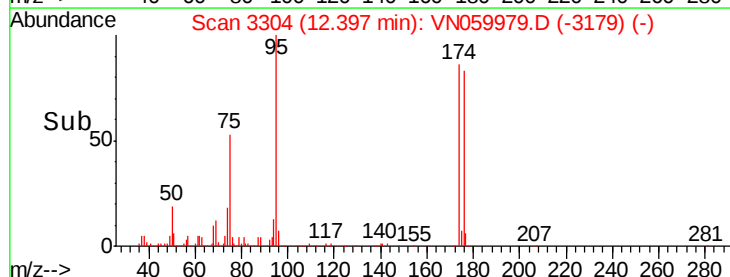
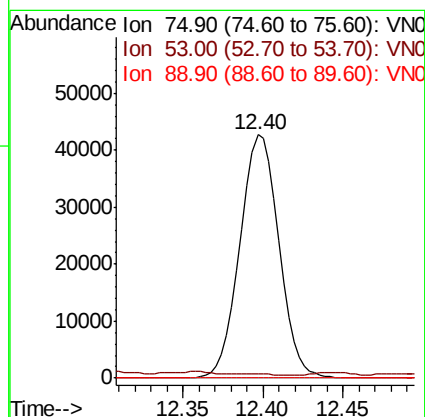
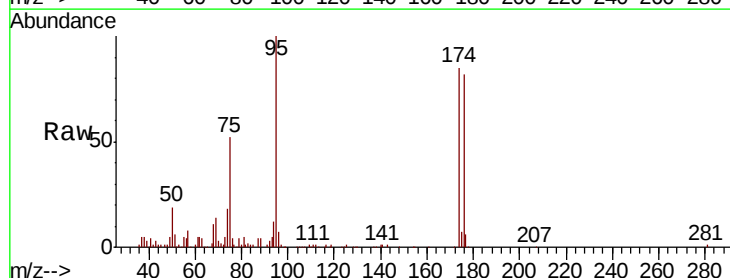
Tgt Ion: 75 Resp: 70876

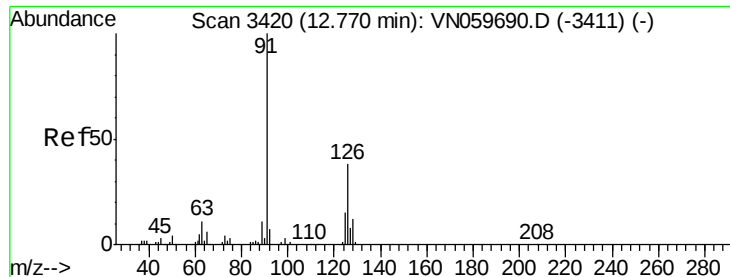
Ion Ratio Lower Upper

75 100

53 0.8 78.1 117.1#

89 0.0 35.4 53.2#





#82

4-Chlorotoluene

Concen: 15.741 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.18 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

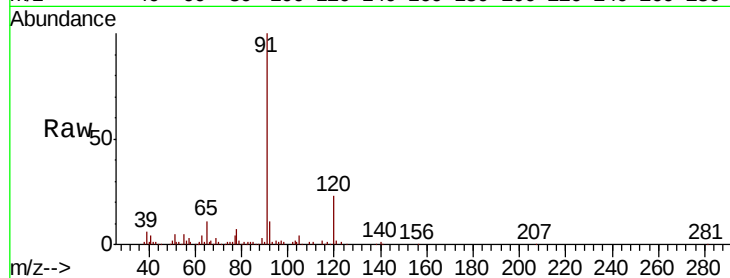
ClientSampleId :

Tot Ion: 91 Resp: 109901

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



Abundance Ion 91.00 (90.70 to 91.70): VN059979.D (-3327) (-)

Ion 125.90 (125.60 to 126.60): VN059979.D (-3327) (-)

12.59

80000

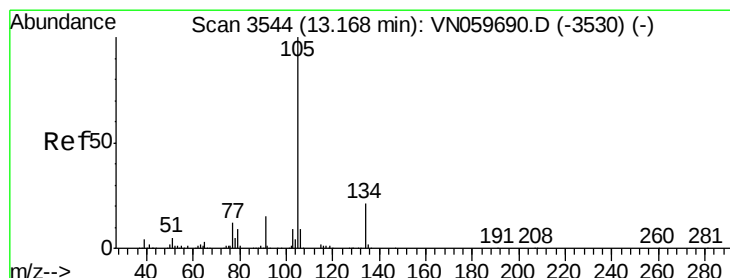
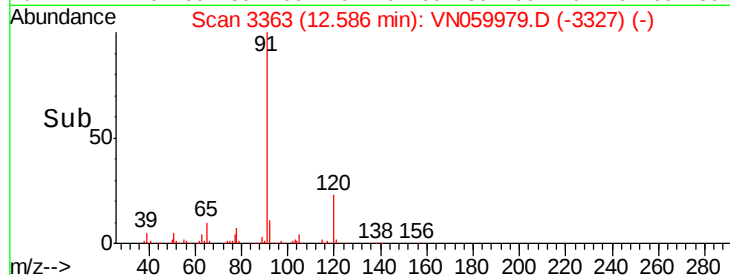
60000

40000

20000

0

Time-->



#85

sec-Butylbenzene

Concen: 1.733 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059979.D

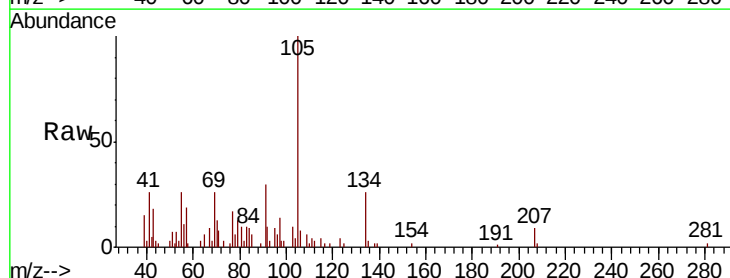
Acq: 3 Feb 2020 16:56

Tgt Ion: 105 Resp: 17263

Ion Ratio Lower Upper

105 100

134 18.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): VN059979.D (-3451) (-)

Ion 134.00 (133.70 to 134.70): VN059979.D (-3451) (-)

13.17

12000

10000

8000

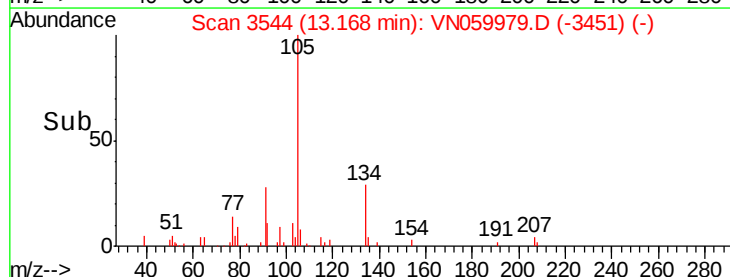
6000

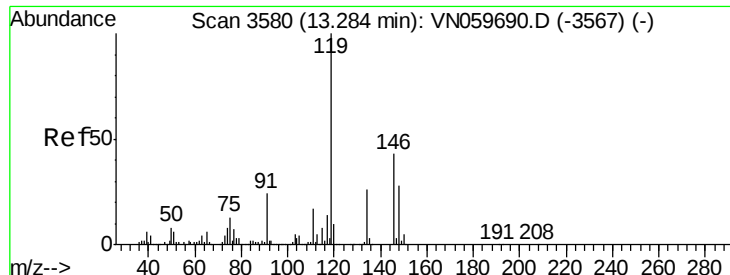
4000

2000

0

Time-->

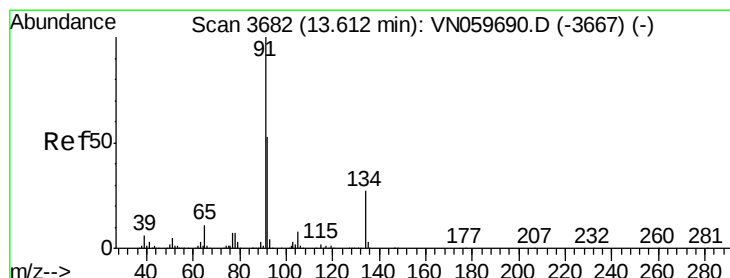
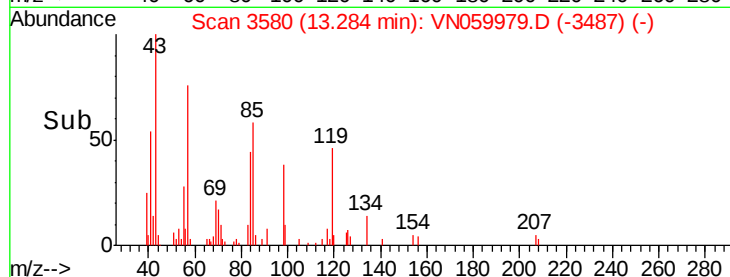
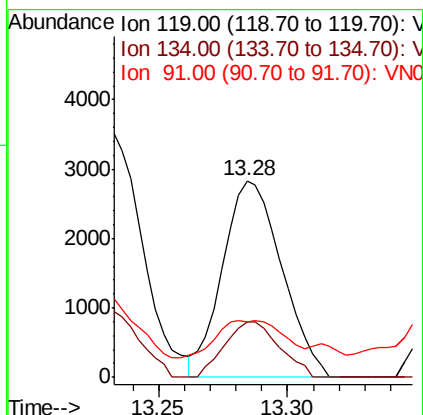
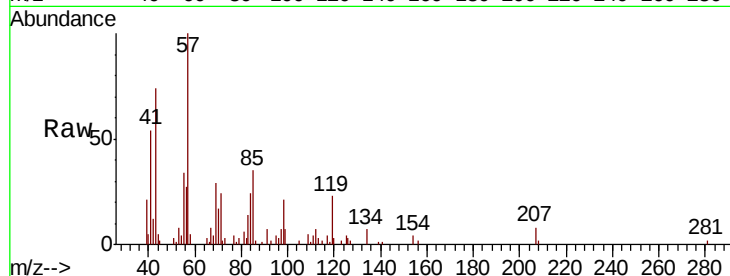




#86
 p-Isopropyltoluene
 Concen: 0.492 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059979.D
 Acq: 3 Feb 2020 16:56

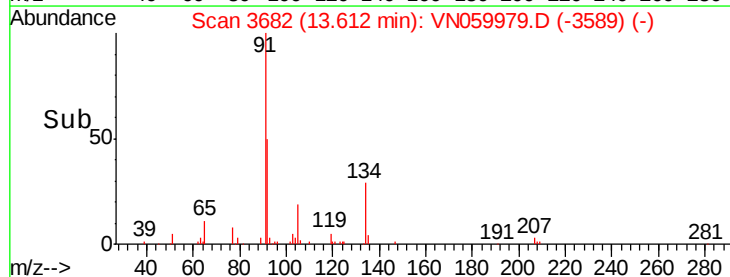
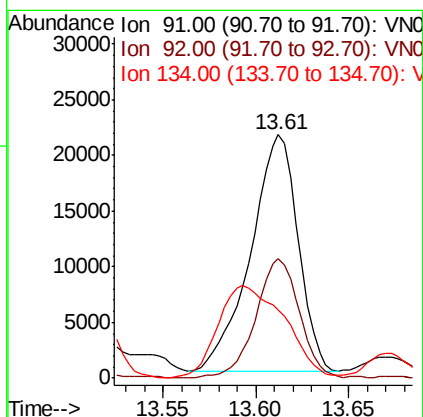
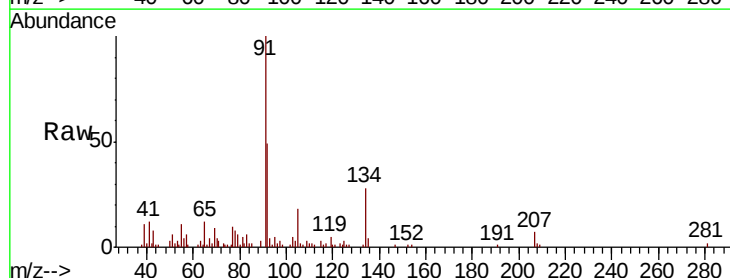
Instrument :
 MSVOA_N
 ClientSampled :

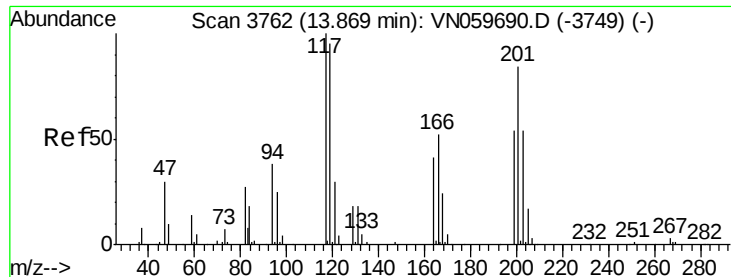
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.9	38.7
91	20.9	12.4	37.4



#89
 n-Butylbenzene
 Concen: 4.824 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN059979.D
 Acq: 3 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	46.4	25.9	77.7
134	54.9	12.3	36.8#

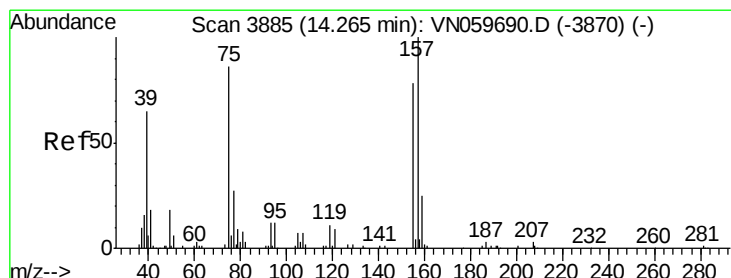
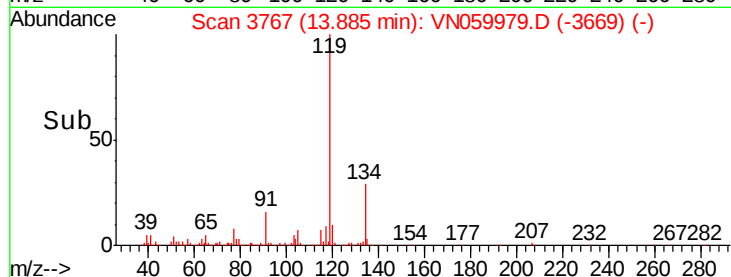
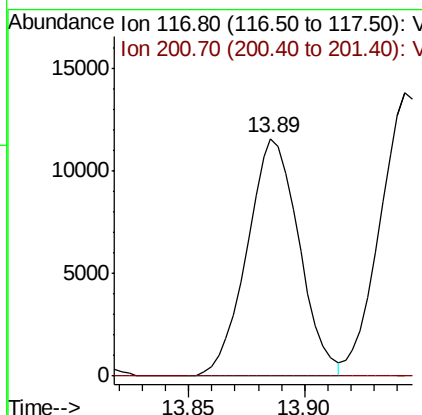
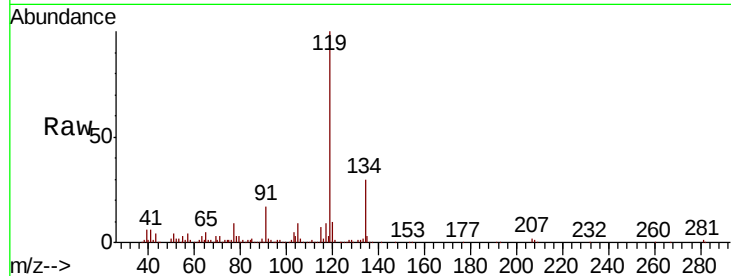




#90
Hexachloroethane
Concen: 10.448 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.02 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

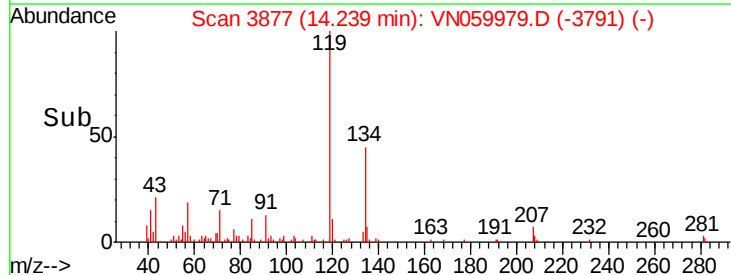
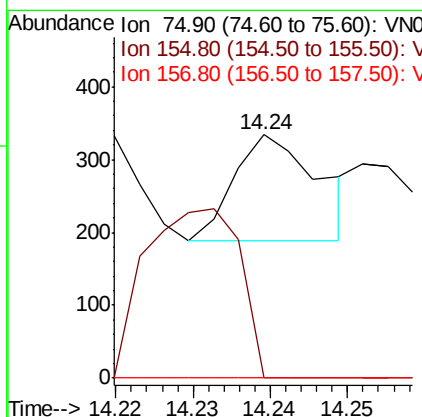
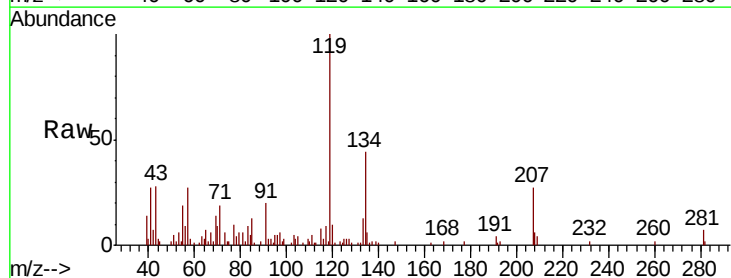
Instrument :
MSVOA_N
ClientSampled :

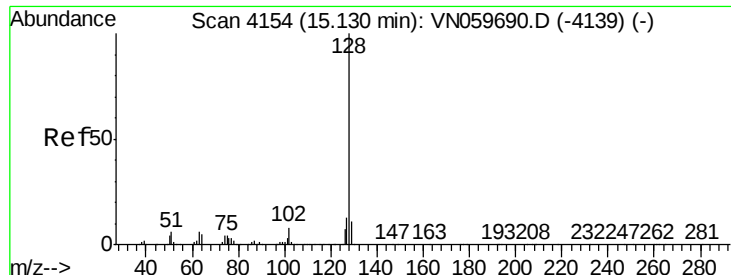
Tot Ion:117 Resp: 18019
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.24 min Scan# 3877
Delta R.T. -0.02 min
Lab File: VN059979.D
Acq: 3 Feb 2020 16:56

Tgt Ion: 75 Resp: 110
Ion Ratio Lower Upper
75 100
155 179.1 37.0 110.9#
157 0.0 48.4 145.2#





#95

Naphthalene

Concen: 2.144 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059979.D

Acq: 3 Feb 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

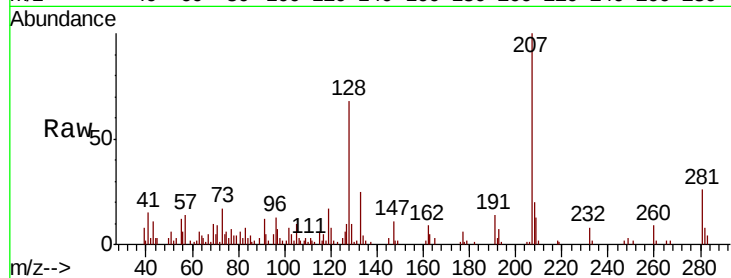
Tot Ion:128 Resp: 16609

Ion Ratio Lower Upper

128 100

127 19.2 10.4 15.6#

129 9.9 8.6 12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

