

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020320\
 Data File : VN059978.D
 Acq On : 3 Feb 2020 16:34
 Operator : JC/MD
 Sample : L1346-02 40X
 Misc : 5.74g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 04 03:59:53 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	197146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	301893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	112166	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
35) Dibromofluoromethane	7.57	113	90840	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.08	98	374052	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
62) 4-Bromofluorobenzene	12.40	95	137484	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	

Target Compounds

						Qvalue
14) Allyl chloride	4.56	41	15470	6.363	ug/l #	48
15) Acrylonitrile	5.01	53	469	0.558	ug/l #	23
16) Acetone	3.79	43	4159	Below Cal		98
18) Methyl Acetate	4.51	43	5551	2.171	ug/l #	54
20) Methylene Chloride	4.53	84	1595	Below Cal	#	67
25) 2-Butanone	6.81	43	1351	1.090	ug/l #	50
30) Chloroform	7.31	83	5746	1.647	ug/l #	17
31) Cyclohexane	7.62	56	30039	9.273	ug/l #	61
36) 1,1-Dichloropropene	7.64	75	13883	5.281	ug/l #	51
37) Ethyl Acetate	6.81	43	1351	0.548	ug/l #	69
38) Carbon Tetrachloride	7.64	117	18306	6.401	ug/l #	17
39) Methylcyclohexane	9.06	83	62269	19.209	ug/l	98
41) Methacrylonitrile	7.19	41	1509	1.242	ug/l #	100
43) Isopropyl Acetate	8.13	43	11945	2.816	ug/l #	56
45) 1,2-Dichloropropane	9.07	63	631	0.325	ug/l #	1
47) Bromodichloromethane	9.37	83	11185	4.056	ug/l #	25
48) Methyl methacrylate	9.13	41	14157	7.462	ug/l #	46
51) 4-Methyl-2-Pentanone	10.08	43	7287	2.972	ug/l	95
55) 1,1,2-Trichloroethane	10.52	97	32890	16.768	ug/l #	18
56) Ethyl methacrylate	10.42	69	5180	1.728	ug/l #	1
59) 2-Hexanone	10.71	43	40595	22.475	ug/l #	31
67) Ethyl Benzene	11.51	91	6136	0.611	ug/l	91
68) m/p-Xylenes	11.63	106	1898	0.501	ug/l	98
73) Isopropylbenzene	12.25	105	31111	3.007	ug/l	100
74) N-amyl acetate	12.04	43	19676	4.901	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.48	83	1153	0.384	ug/l #	15
76) 1,2,3-Trichloropropane	12.40	75	70127	29.538	ug/l #	100
78) n-propylbenzene	12.59	91	166470	14.335	ug/l	98
79) 2-Chlorotoluene	12.69	91	6945	1.005	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.69	105	57276	6.583	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.40	75	70127	63.434	ug/l #	11
82) 4-Chlorotoluene	12.69	91	6945	1.002	ug/l #	42
83) tert-Butylbenzene	13.04	119	6750	0.897	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.04	105	55096	6.400	ug/l	100

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

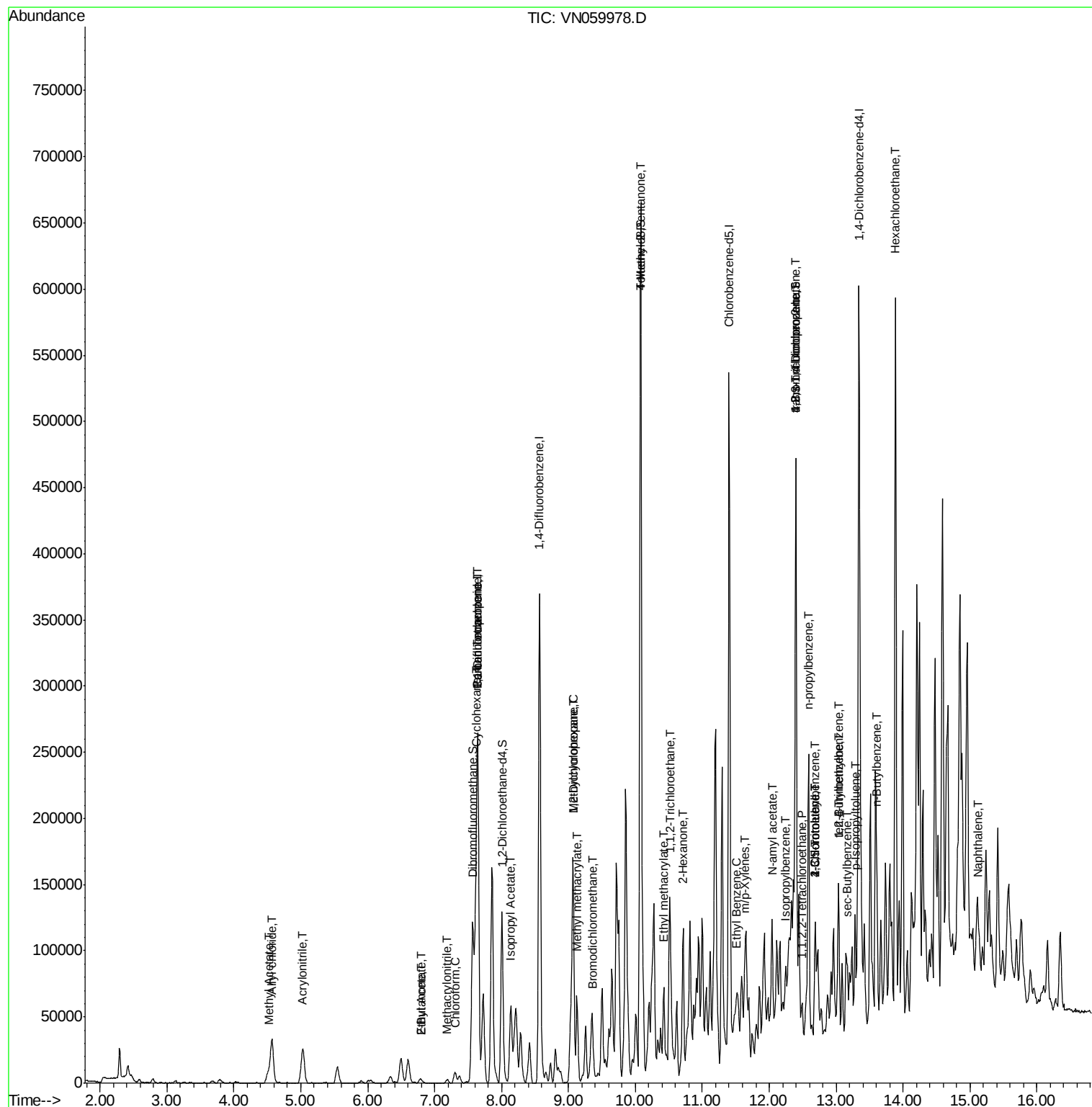
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.17	105	24890	2.517	uq/l #	50
86) p-Isopropyltoluene	13.29	119	10317	1.128	uq/l	98
89) n-Butylbenzene	13.61	91	56961	7.302	uq/l #	79
90) Hexachloroethane	13.89	117	26647	15.568	uq/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1073	Below Cal	#	6
95) Naphthalene	15.13	128	11302	1.470	uq/l #	91

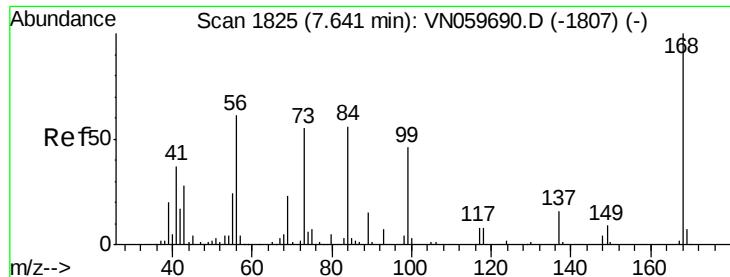
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

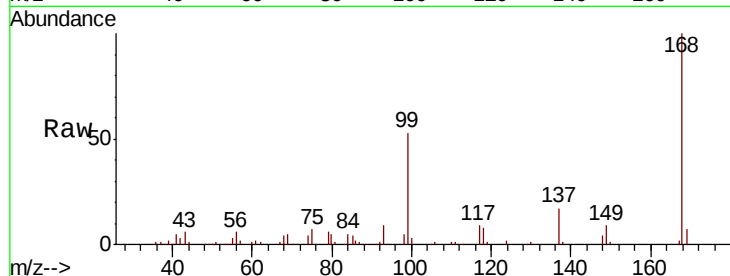
ClientSampled :

Tot Ion:168 Resp: 197146

Ion Ratio Lower Upper

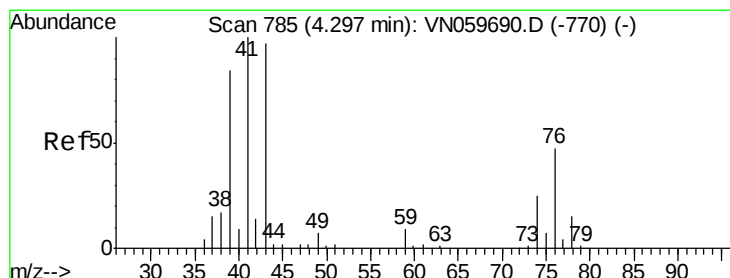
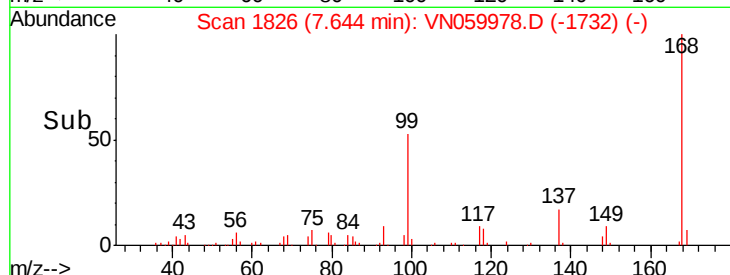
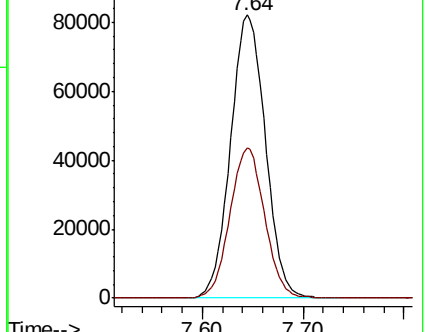
168 100

99 53.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059978.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059978.D (-1732) (-)



#14

Allyl chloride

Concen: 6.363 ug/l

RT: 4.56 min Scan# 868

Delta R.T. 0.27 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

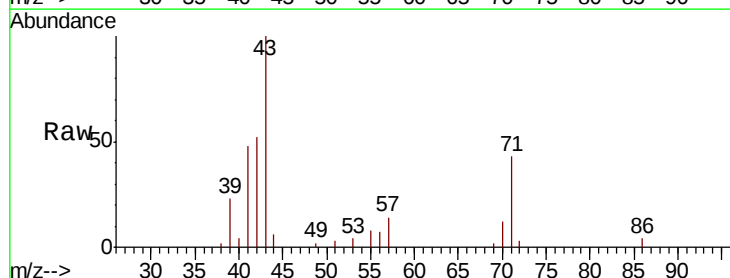
Tgt Ion: 41 Resp: 15470

Ion Ratio Lower Upper

41 100

39 30.4 57.8 86.8#

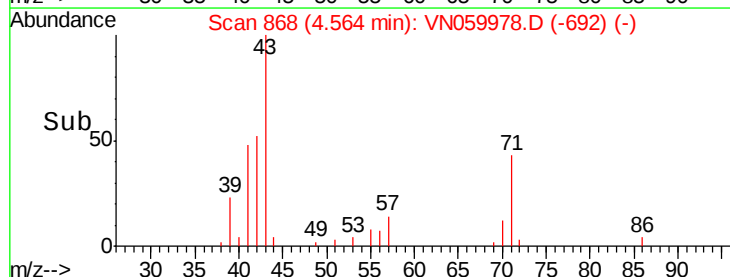
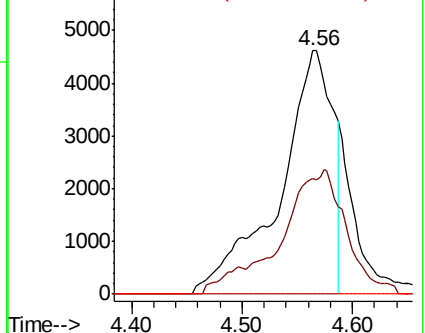
76 0.0 25.4 38.0#

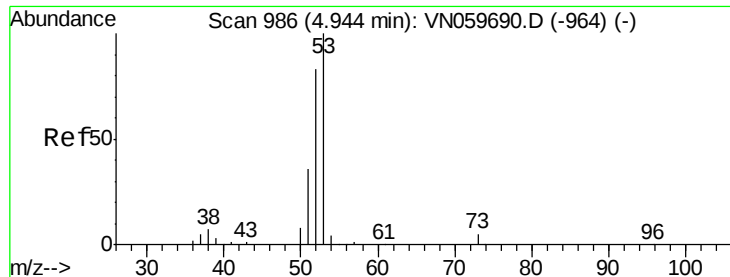


Abundance Ion 41.00 (40.70 to 41.70): VN059978.D (-692) (-)

Ion 39.00 (38.70 to 39.70): VN059978.D (-692) (-)

Ion 75.90 (75.60 to 76.60): VN059978.D (-692) (-)





#15

Acrylonitrile

Concen: 0.558 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.07 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampled :

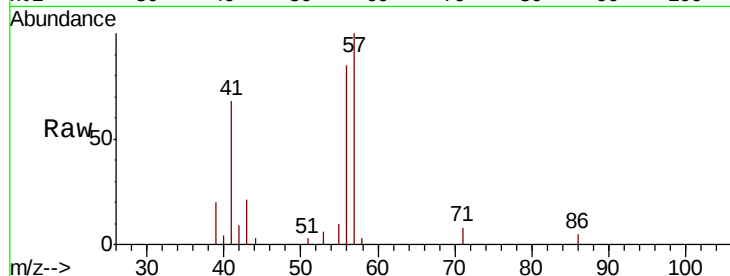
Tot Ion: 53 Resp: 469

Ion Ratio Lower Upper

53 100

52 0.0 66.3 99.5#

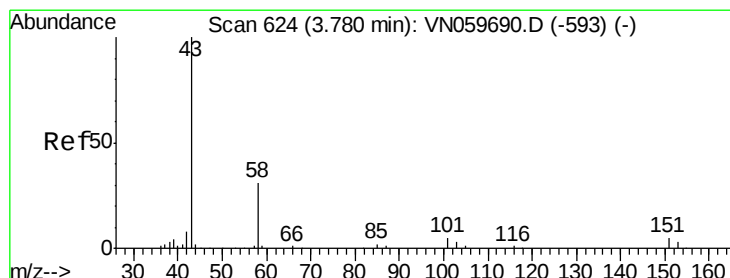
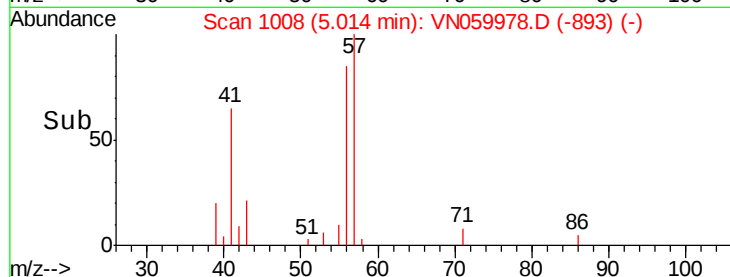
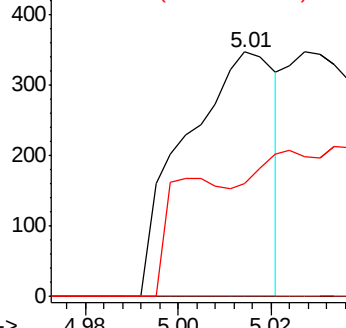
51 12.2 29.7 44.5#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN059978.D

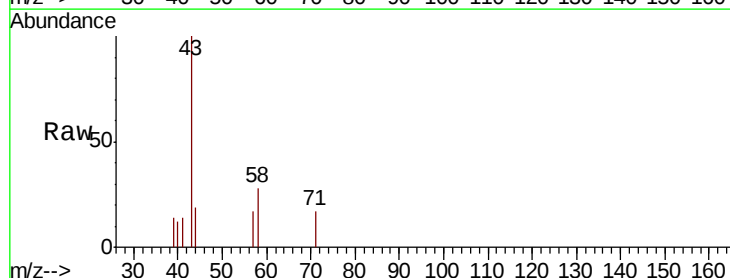
Acq: 3 Feb 2020 16:34

Tgt Ion: 43 Resp: 4159

Ion Ratio Lower Upper

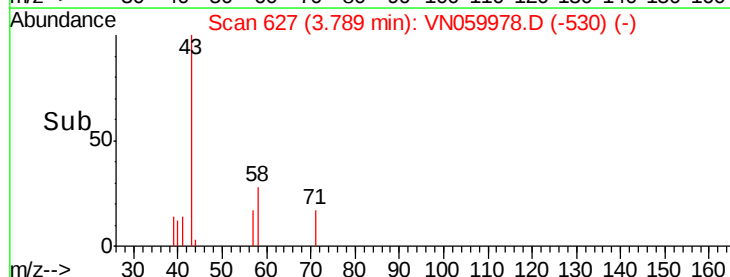
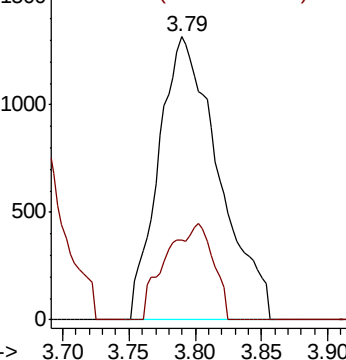
43 100

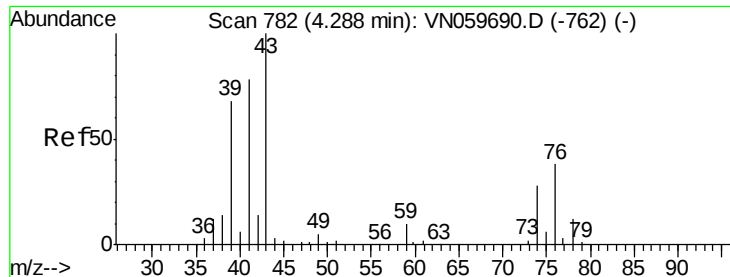
58 28.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

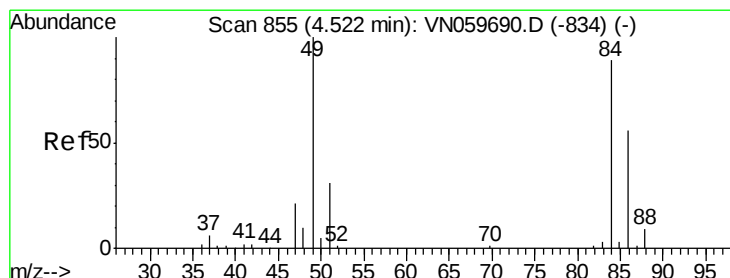
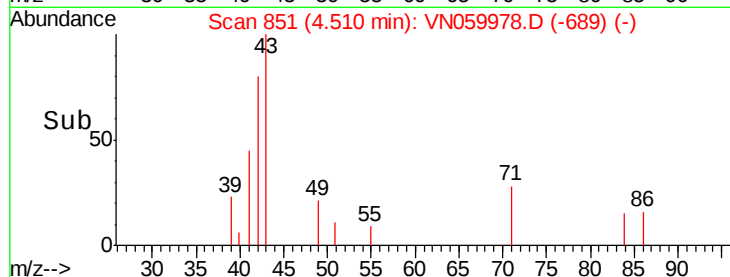
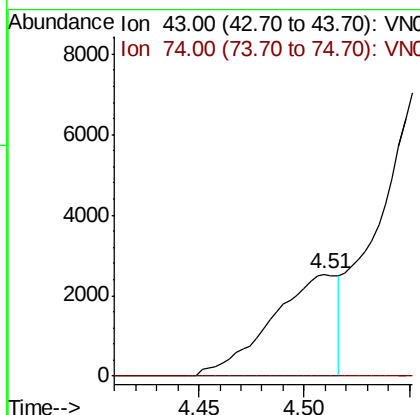
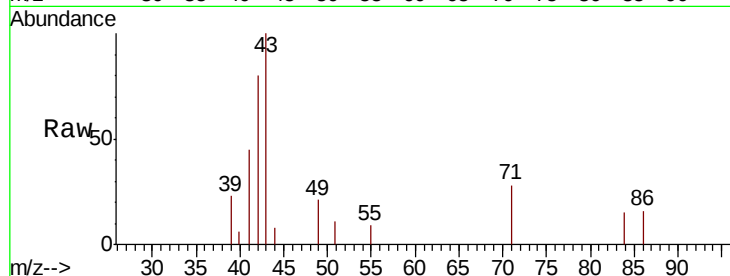




#18
Methyl Acetate
Concen: 2.171 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.22 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

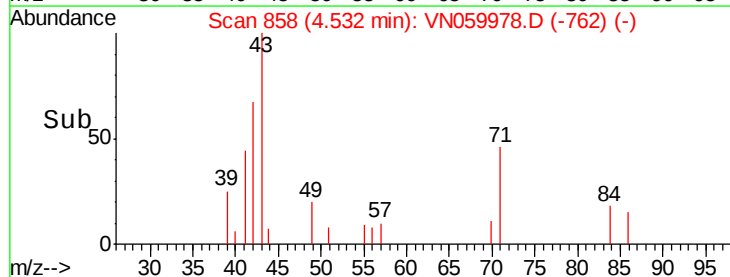
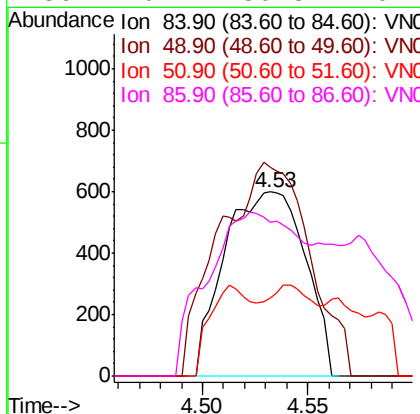
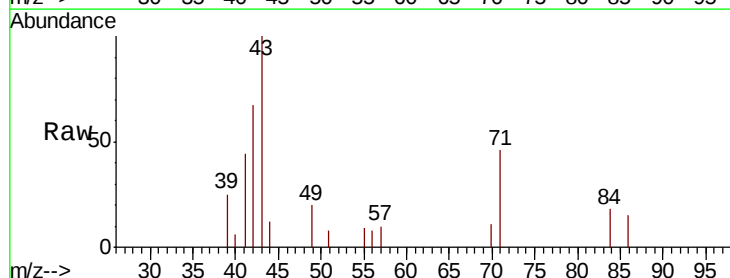
Instrument :
MSVOA_N
ClientSampled :

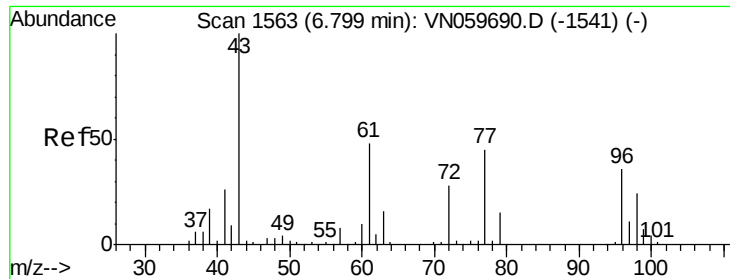
Tot Ion: 43 Resp: 5551
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion: 84 Resp: 1595
Ion Ratio Lower Upper
84 100
49 82.9 106.6 160.0#
51 42.3 31.9 47.9
86 40.1 50.8 76.2#

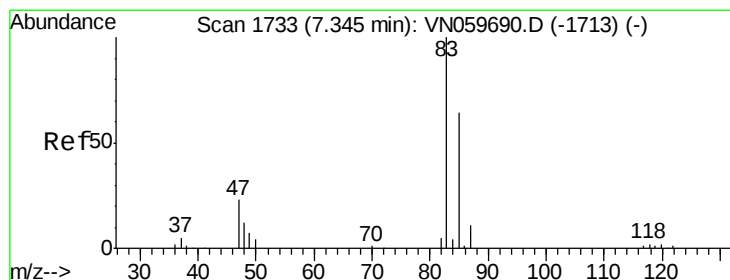
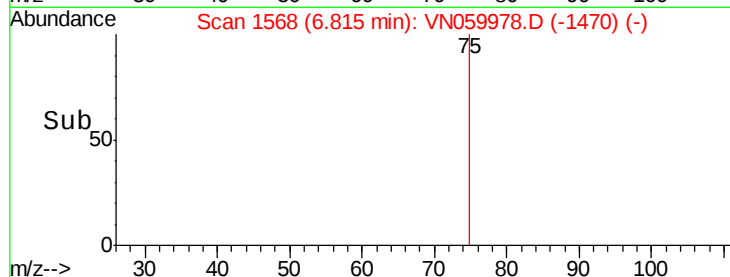
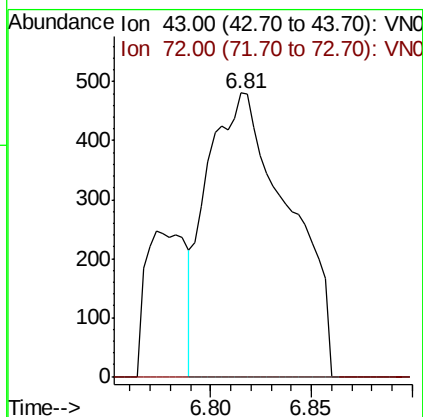
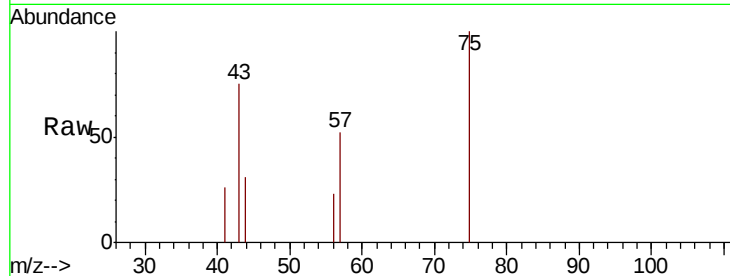




#25
2-Butanone
Concen: 1.090 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.02 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

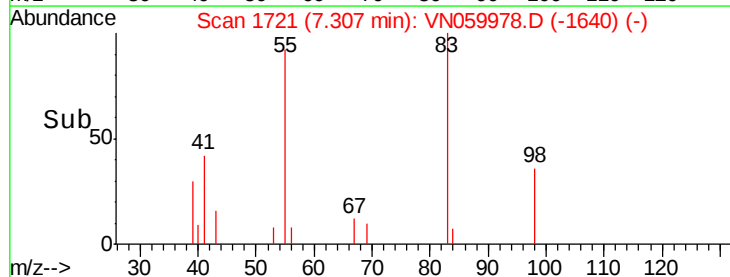
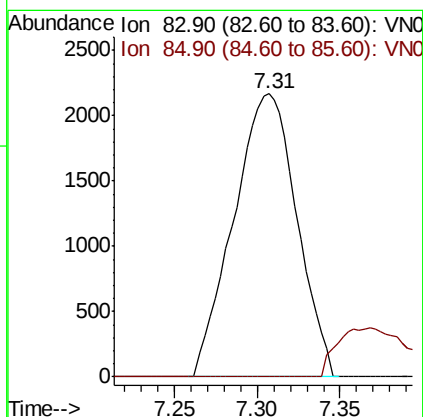
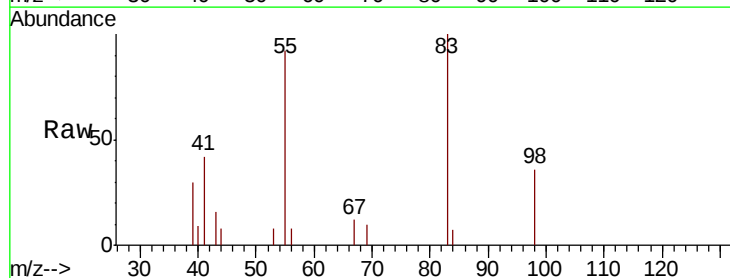
Instrument :
MSVOA_N
ClientSampled :

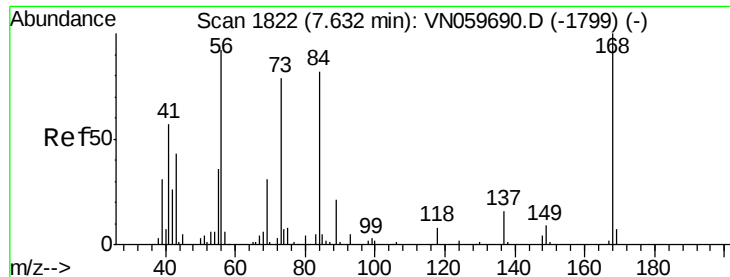
Tot Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#30
Chloroform
Concen: 1.647 ug/l
RT: 7.31 min Scan# 1721
Delta R.T. -0.04 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion: 83 Resp: 5746
Ion Ratio Lower Upper
83 100
85 0.0 52.4 78.6#

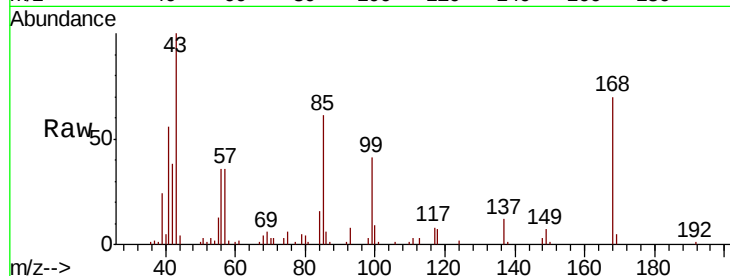




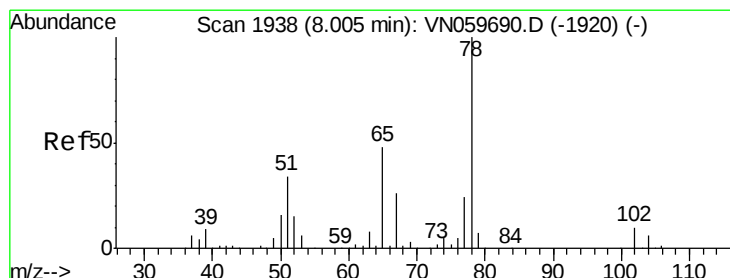
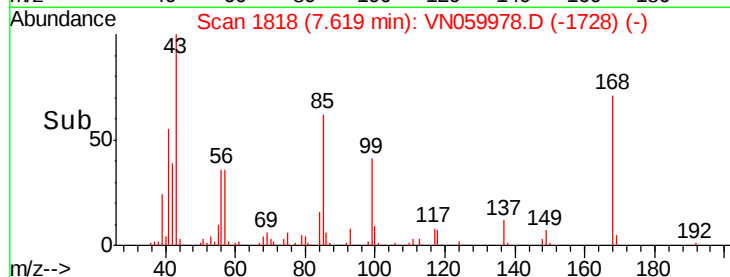
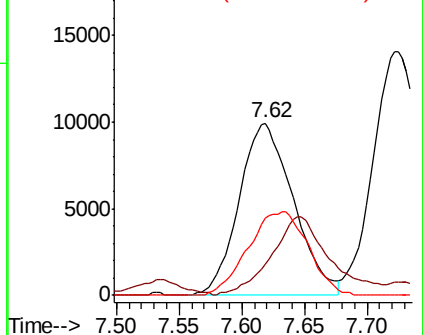
#31
Cyclohexane
Concen: 9.273 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 30039
Ion Ratio Lower Upper
56 100
69 14.4 26.5 39.7#
84 45.0 65.3 97.9#

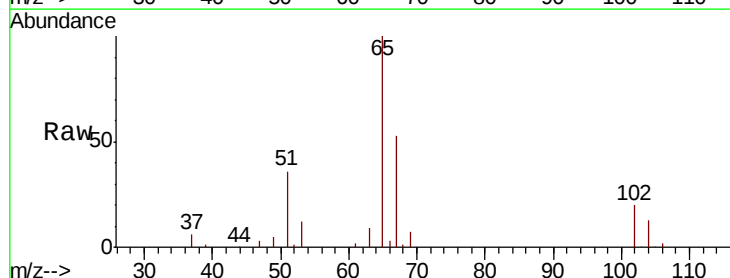


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

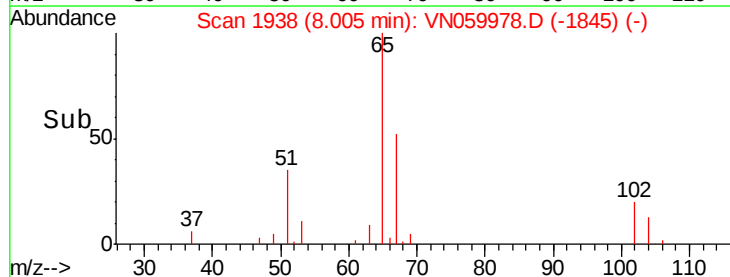
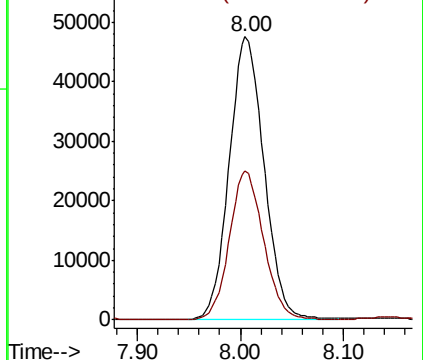


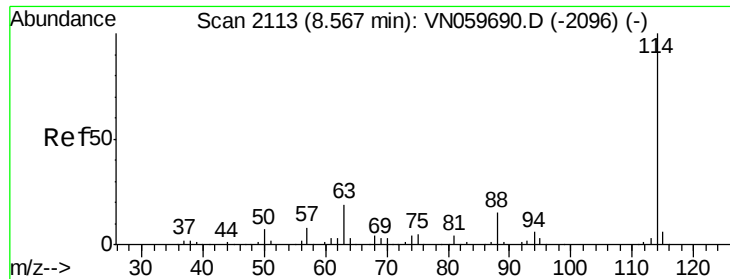
#33
1,2-Dichloroethane-d4
Concen: 51.232 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion: 65 Resp: 112166
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

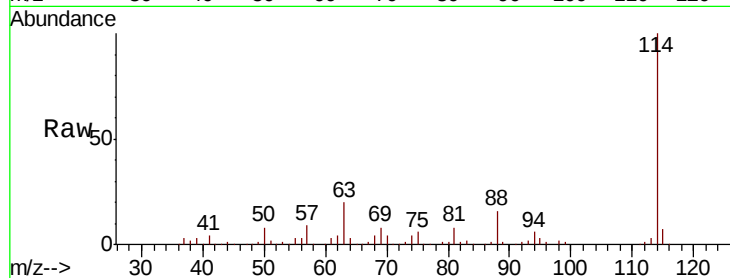




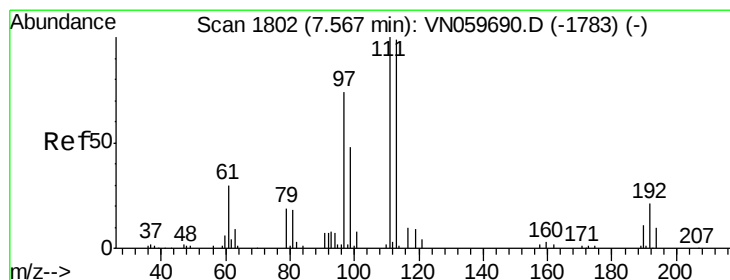
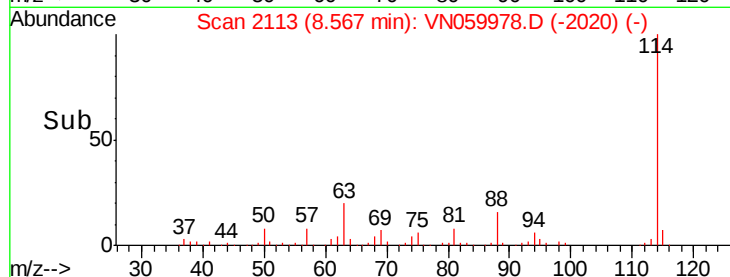
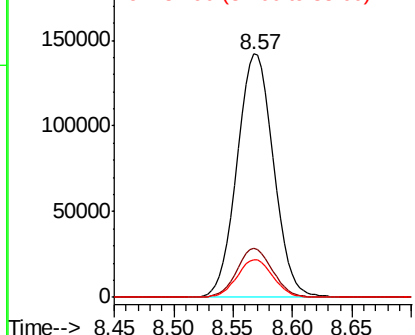
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 301893
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.6
88 15.6 0.0 31.4

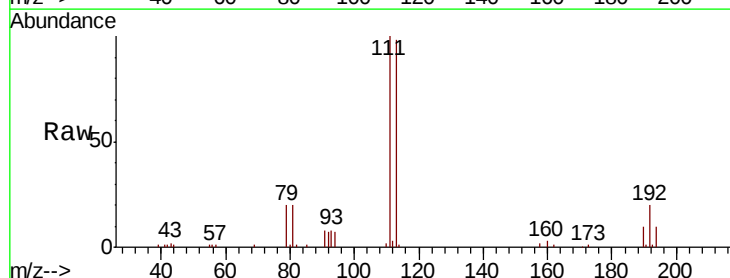


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

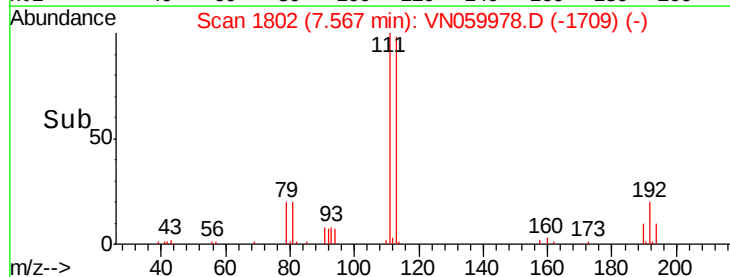
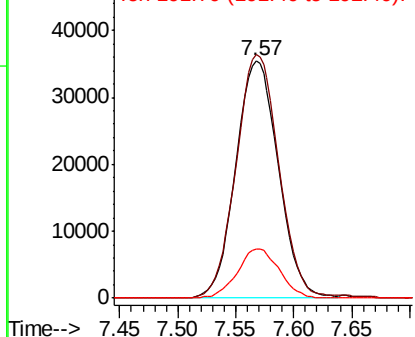


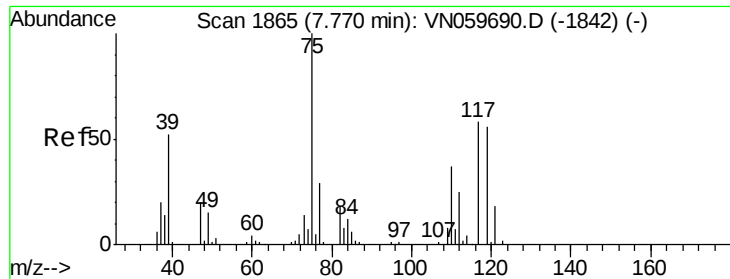
#35
Dibromofluoromethane
Concen: 50.458 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion:113 Resp: 90840
Ion Ratio Lower Upper
113 100
111 102.6 83.5 125.3
192 20.4 15.4 23.2



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

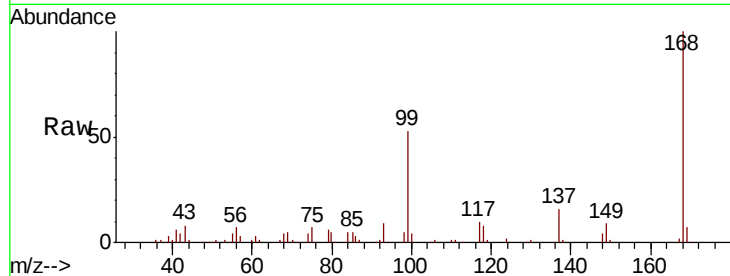




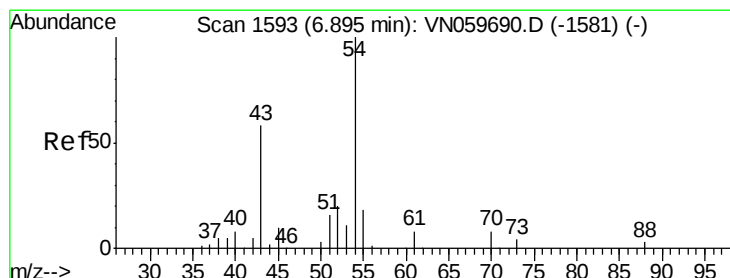
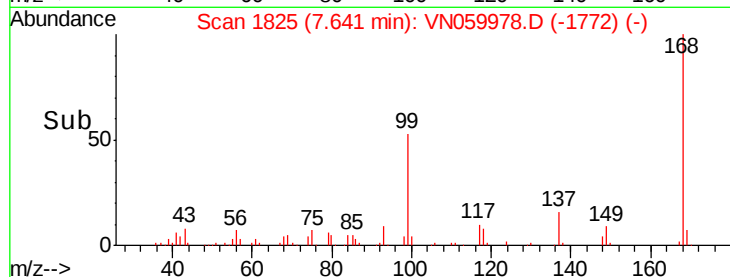
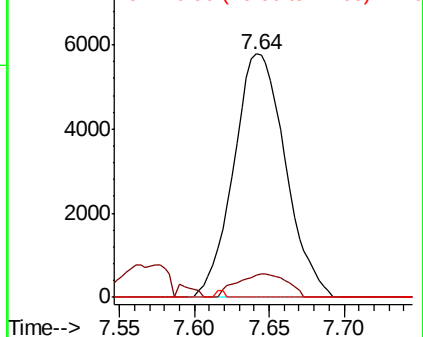
#36
 1,1-Dichloropropene
 Concen: 5.281 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059978.D
 Acq: 3 Feb 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.6	49.7#
77	0.0	25.1	37.7#

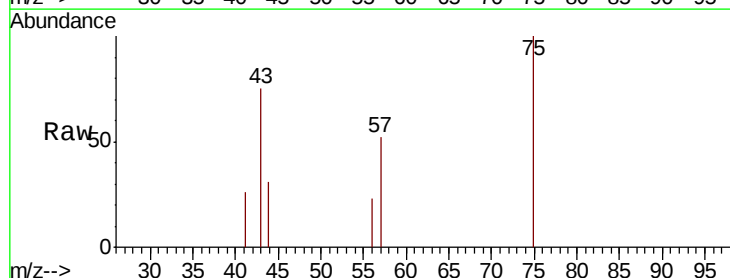


Abundance Ion 74.90 (74.60 to 75.60): VN059978.D (-1825) (-)

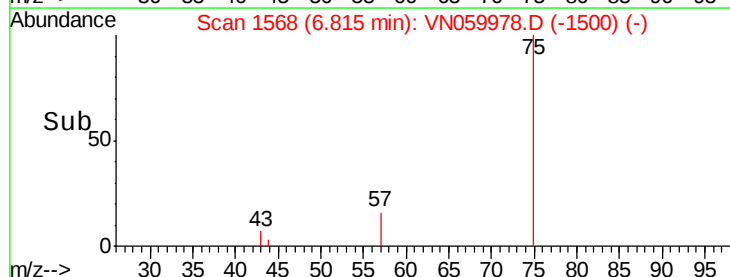
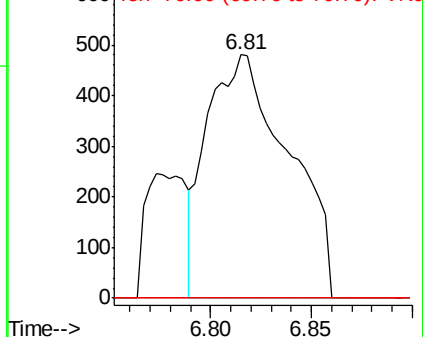


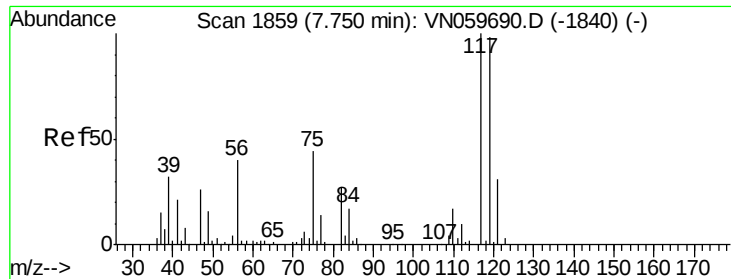
#37
 Ethyl Acetate
 Concen: 0.548 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. -0.08 min
 Lab File: VN059978.D
 Acq: 3 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	7.7	11.5#



Abundance Ion 43.00 (42.70 to 43.70): VN059978.D (-1568) (-)

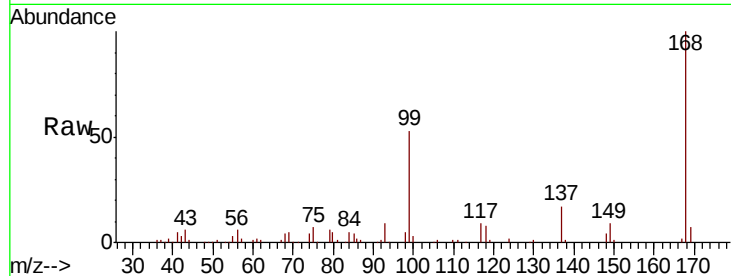




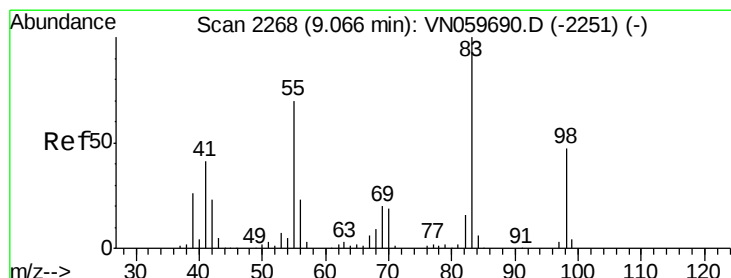
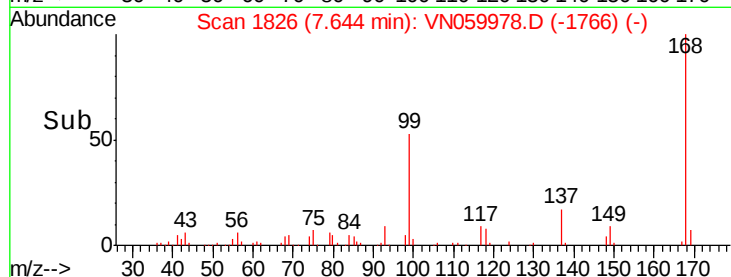
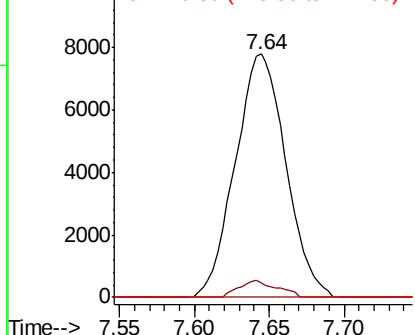
#38
Carbon Tetrachloride
Concen: 6.401 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 18306
Ion Ratio Lower Upper
117 100
119 5.9 76.5 114.7#
121 0.0 25.1 37.7#

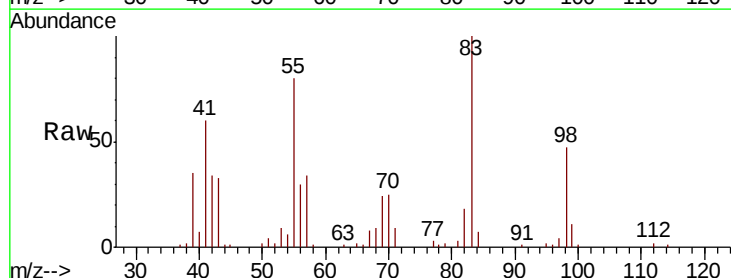


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

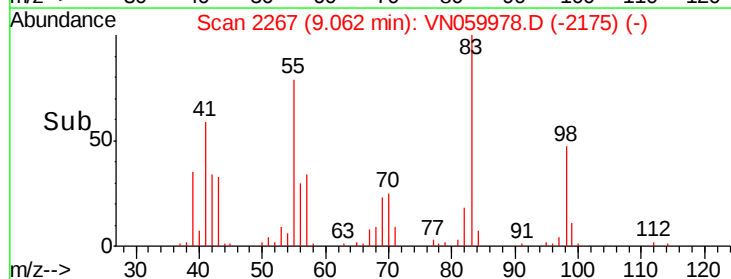
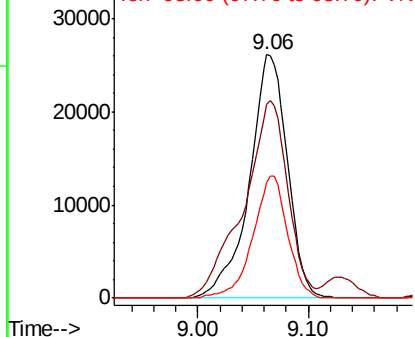


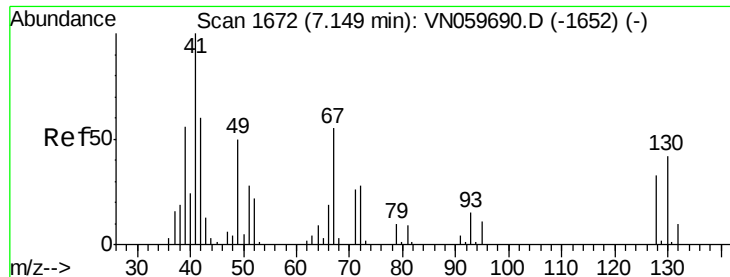
#39
Methylcyclohexane
Concen: 19.209 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion: 83 Resp: 62269
Ion Ratio Lower Upper
83 100
55 78.8 64.2 96.2
98 47.3 35.9 53.9



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

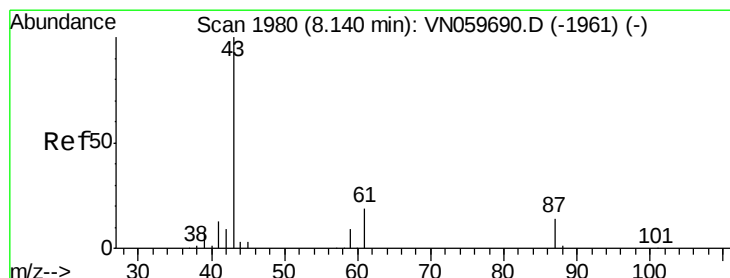
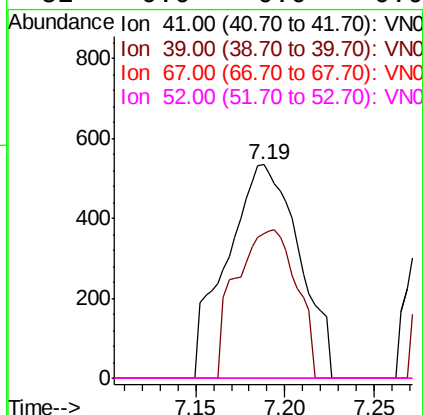
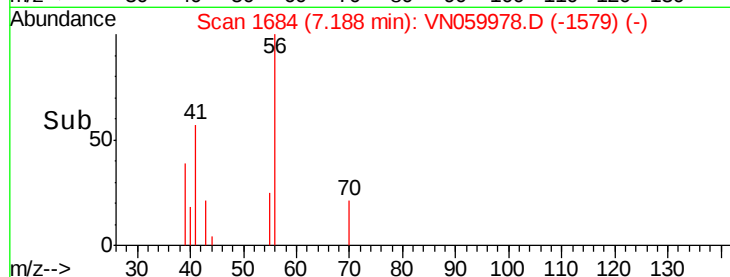
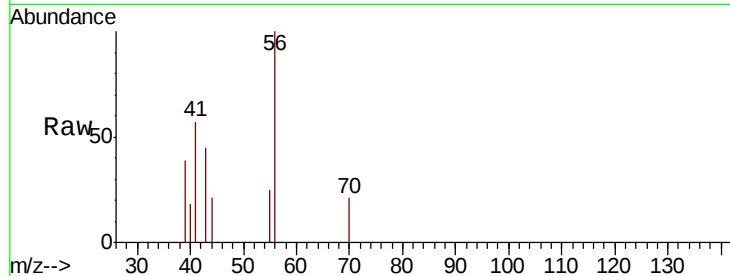




#41
Methacrylonitrile
Concen: 1.242 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.04 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

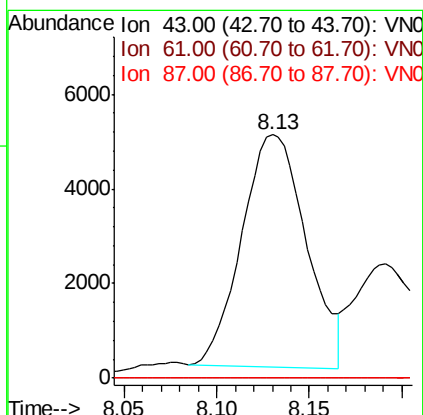
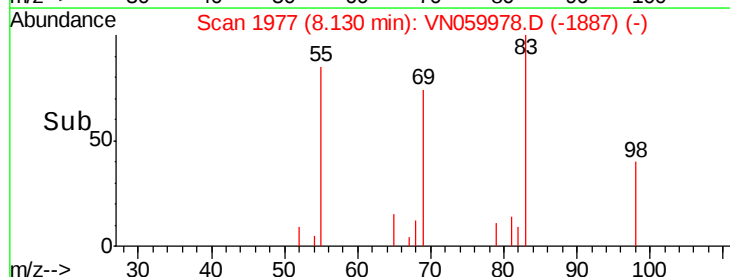
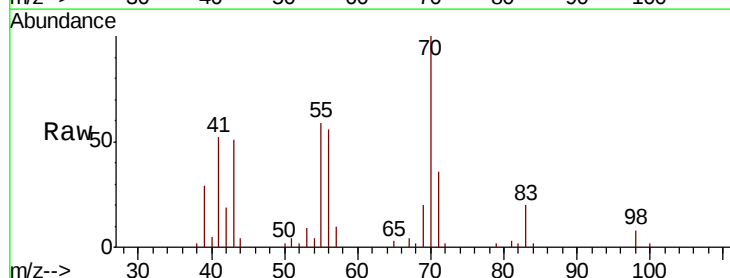
Instrument :
MSVOA_N
ClientSampled :

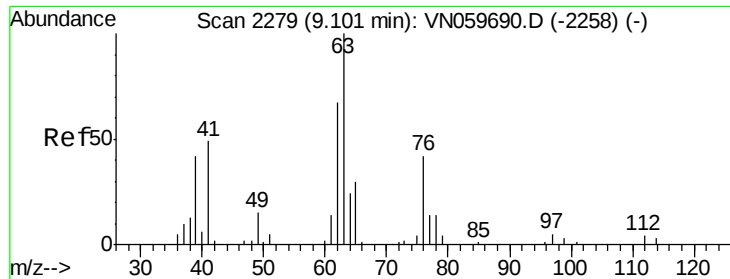
Tot Ion: 41 Resp: 1509
Ion Ratio Lower Upper
41 100
39 58.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#43
Isopropyl Acetate
Concen: 2.816 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. -0.01 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion: 43 Resp: 11945
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 9.5 14.3#

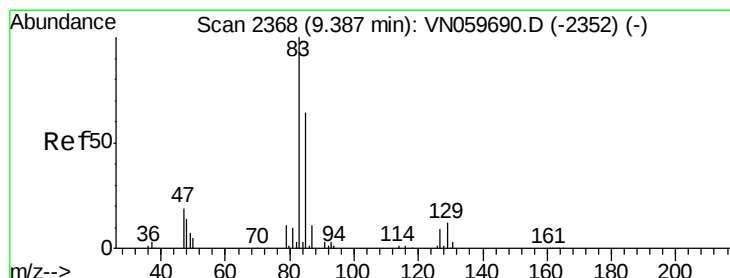
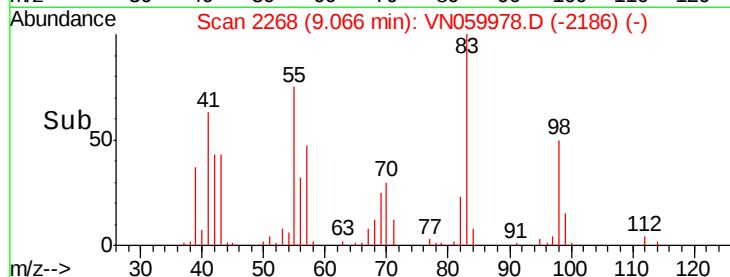
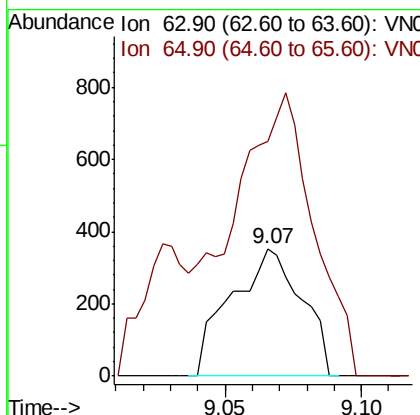
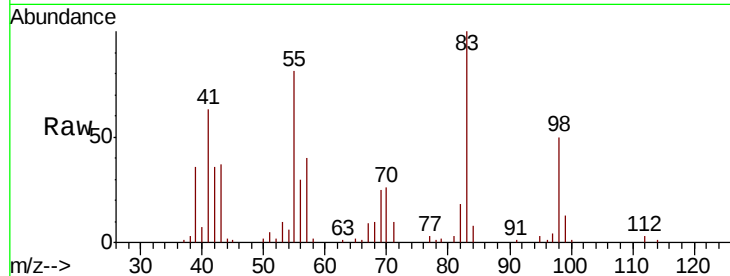




#45
 1,2-Dichloropropane
 Concen: 0.325 ug/l
 RT: 9.07 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: VN059978.D
 Acq: 3 Feb 2020 16:34

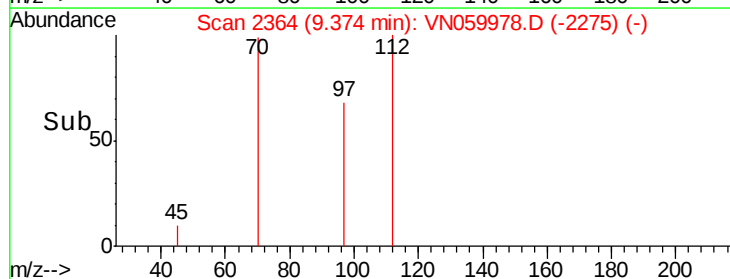
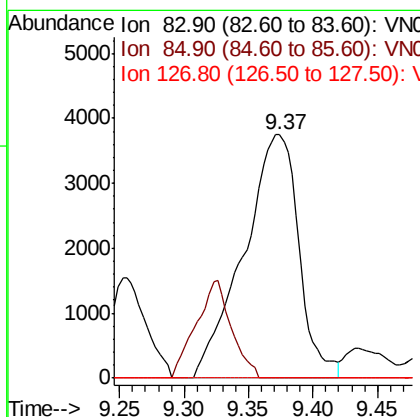
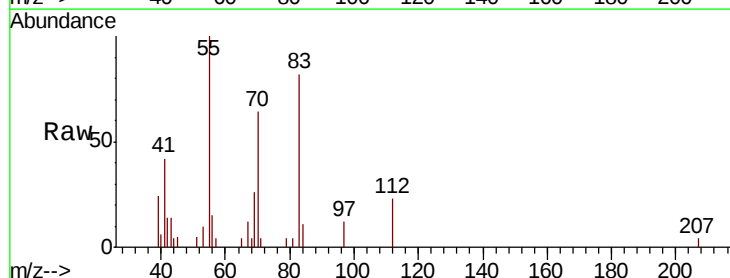
Instrument :
 MSVOA_N
 ClientSampled :

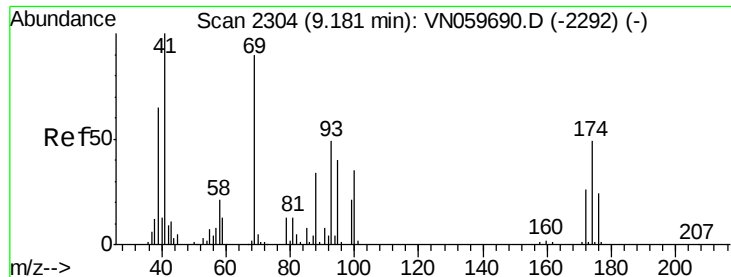
Tot Ion: 63 Resp: 631
 Ion Ratio Lower Upper
 63 100
 65 121.2 24.9 37.3#



#47
 Bromodichloromethane
 Concen: 4.056 ug/l
 RT: 9.37 min Scan# 2364
 Delta R.T. -0.01 min
 Lab File: VN059978.D
 Acq: 3 Feb 2020 16:34

Tgt Ion: 83 Resp: 11185
 Ion Ratio Lower Upper
 83 100
 85 0.0 51.1 76.7#
 127 0.0 6.6 9.8#

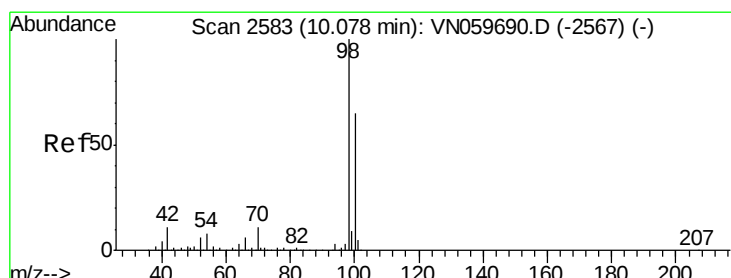
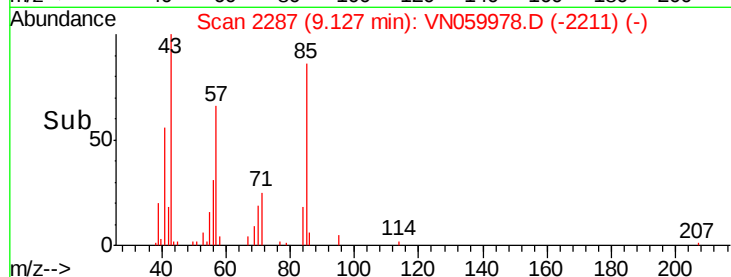
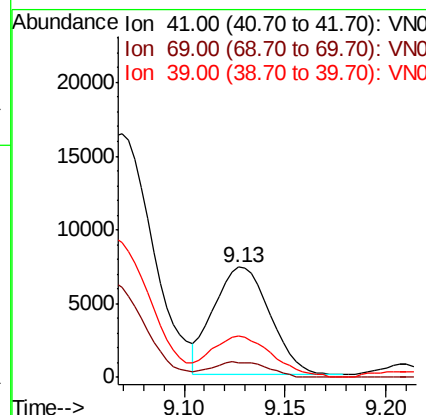
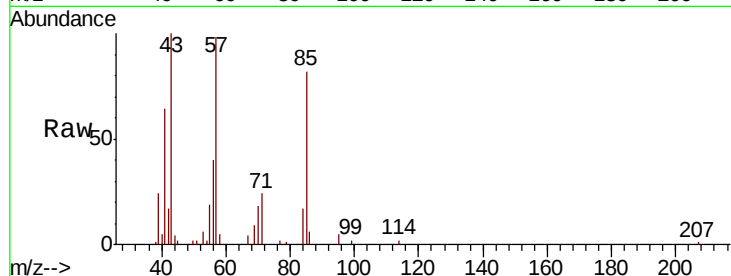




#48
Methvl methacrylate
Concen: 7.462 ug/l
RT: 9.13 min Scan# 2287
Delta R.T. -0.05 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

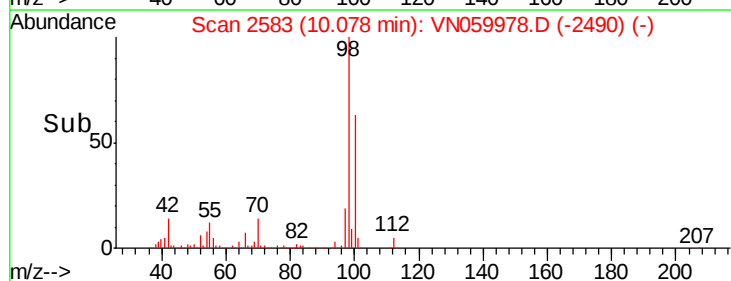
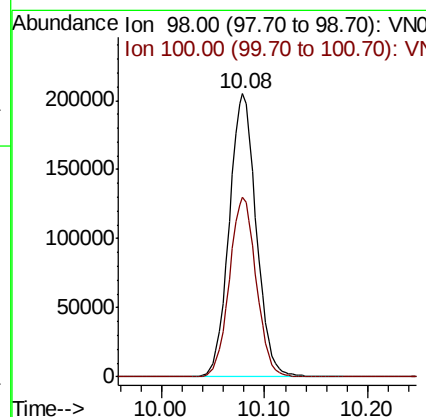
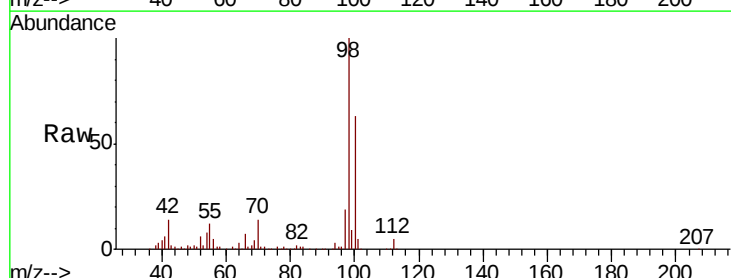
Instrument :
MSVOA_N
ClientSampled :

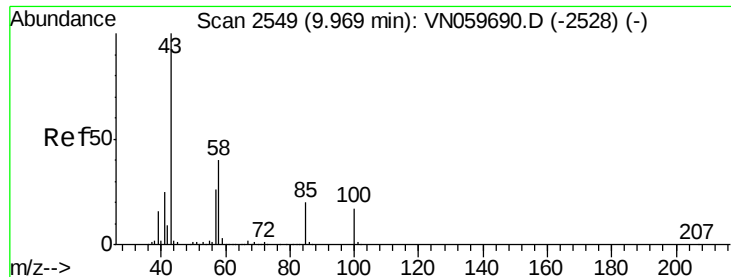
Tot Ion: 41 Resp: 14157
Ion Ratio Lower Upper
41 100
69 14.3 64.4 96.6#
39 41.6 51.3 76.9#



#50
Toluene-d8
Concen: 53.625 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion: 98 Resp: 374052
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8

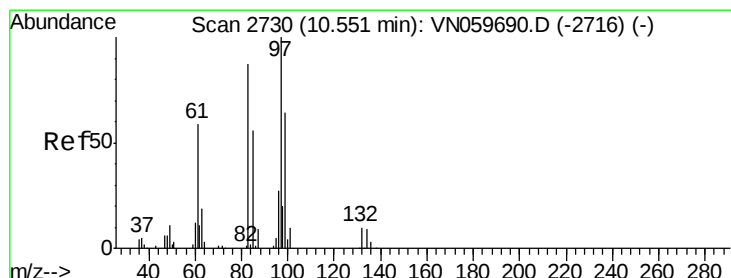
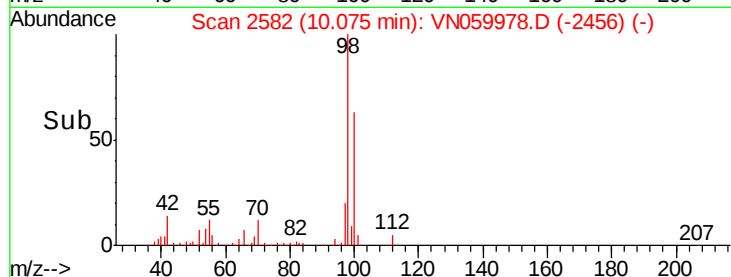
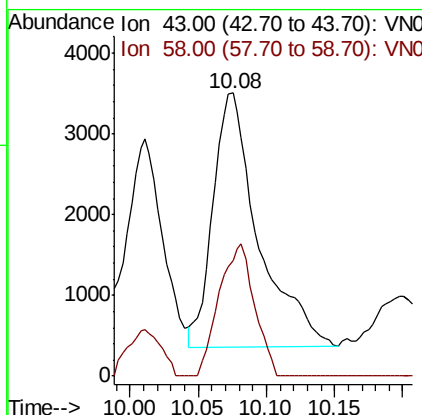
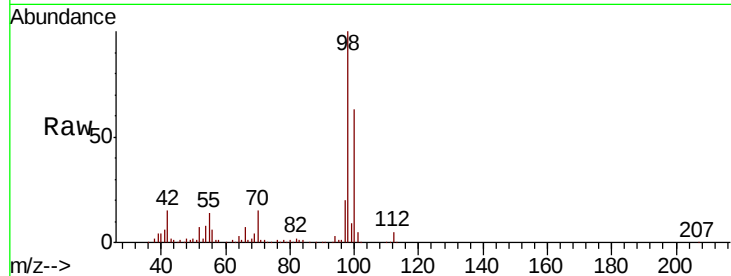




#51
 4-Methyl-2-Pentanone
 Concen: 2.972 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. 0.11 min
 Lab File: VN059978.D
 Acq: 3 Feb 2020 16:34

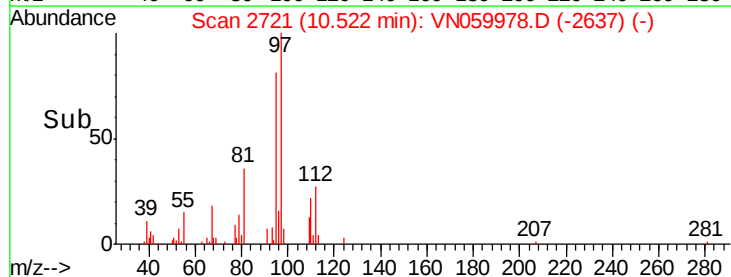
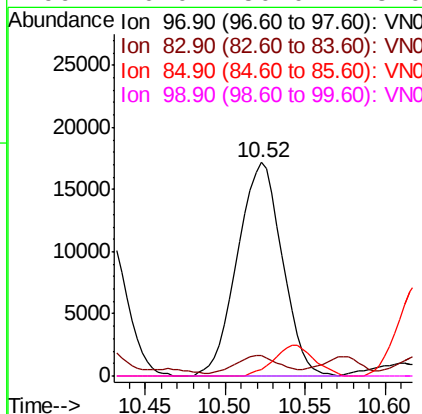
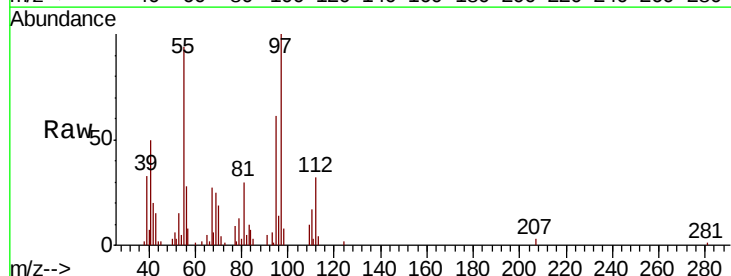
Instrument :
 MSVOA_N
 ClientSampled :

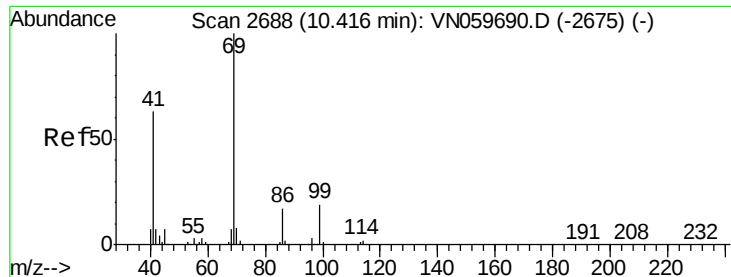
Tot Ion: 43 Resp: 7287
 Ion Ratio Lower Upper
 43 100
 58 40.4 29.8 44.8



#55
 1,1,2-Trichloroethane
 Concen: 16.768 ug/l
 RT: 10.52 min Scan# 2721
 Delta R.T. -0.03 min
 Lab File: VN059978.D
 Acq: 3 Feb 2020 16:34

Tgt Ion: 97 Resp: 32890
 Ion Ratio Lower Upper
 97 100
 83 7.2 71.3 106.9#
 85 3.2 45.8 68.8#
 99 0.0 50.0 75.0#





#56

Ethyl methacrylate

Concen: 1.728 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.01 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampled :

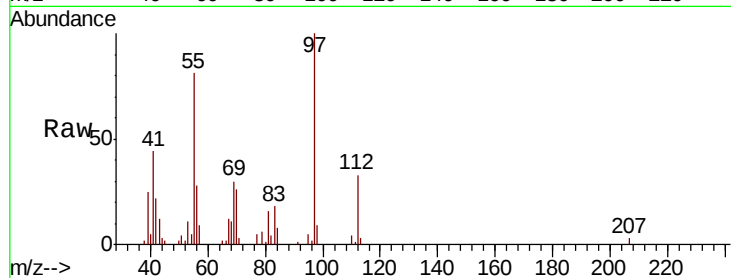
Tot Ion: 69 Resp: 5180

Ion Ratio Lower Upper

69 100

41 187.8 57.1 85.7#

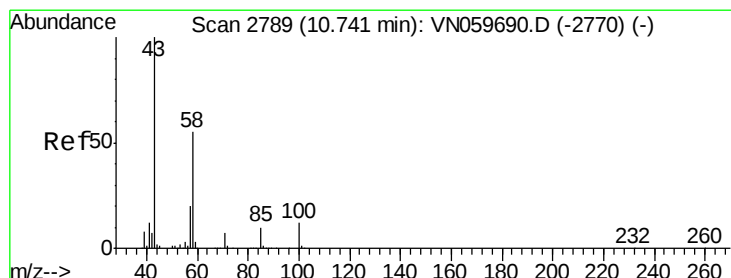
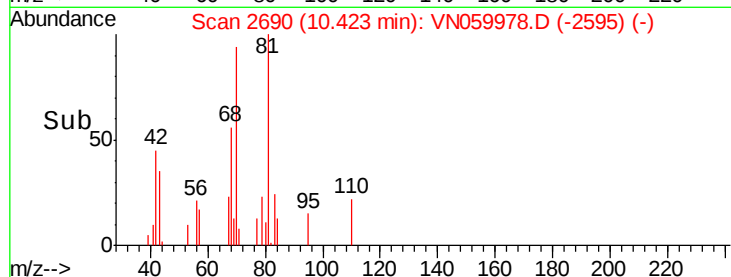
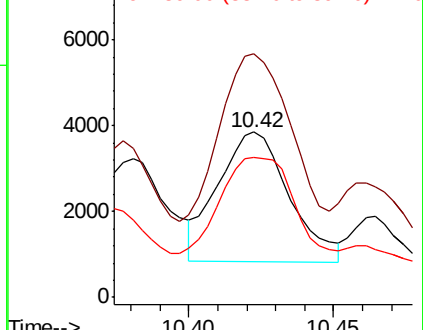
39 74.1 34.7 52.1#



Abundance Ion 69.00 (68.70 to 69.70): VN059978.D (-2675) (-)

Ion 41.00 (40.70 to 41.70): VN059978.D (-2675) (-)

Ion 39.00 (38.70 to 39.70): VN059978.D (-2675) (-)



#59

2-Hexanone

Concen: 22.475 ug/l

RT: 10.71 min Scan# 2780

Delta R.T. -0.03 min

Lab File: VN059978.D

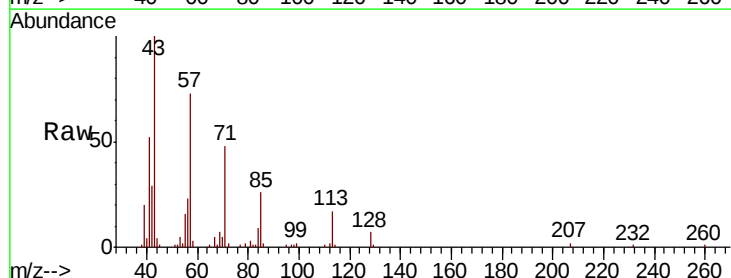
Acq: 3 Feb 2020 16:34

Tgt Ion: 43 Resp: 40595

Ion Ratio Lower Upper

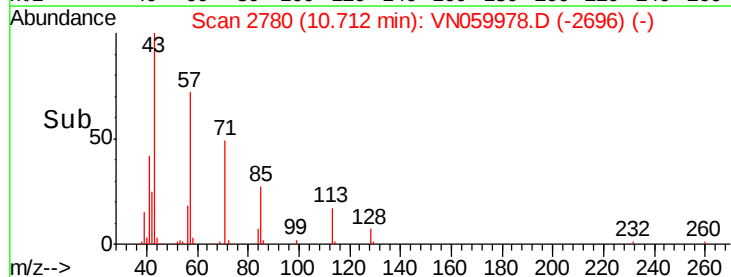
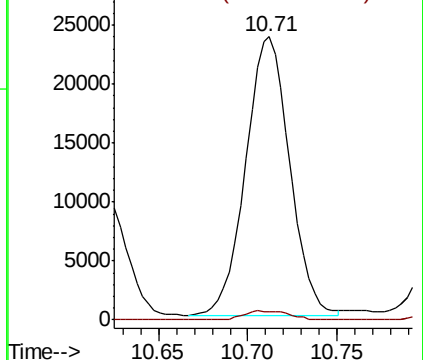
43 100

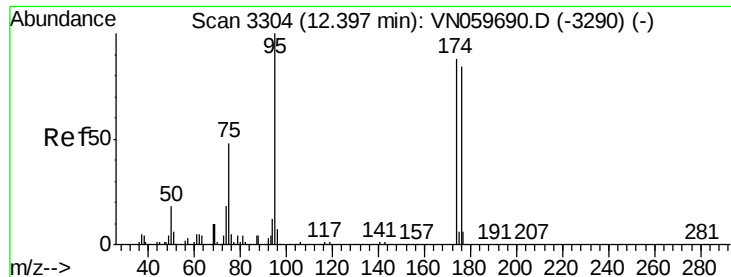
58 3.3 25.8 77.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059978.D (-2696) (-)

Ion 58.00 (57.70 to 58.70): VN059978.D (-2696) (-)

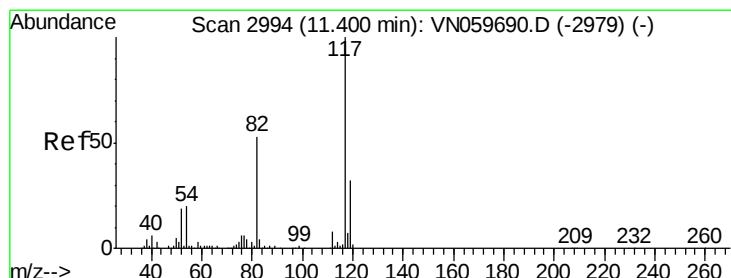
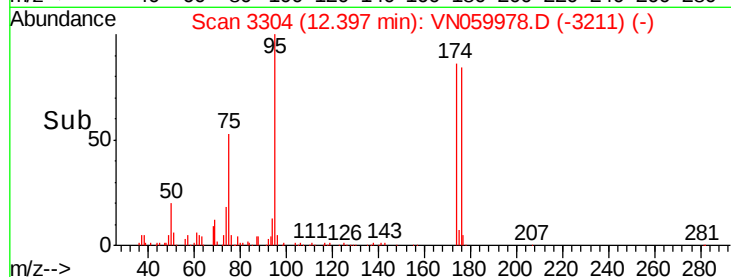
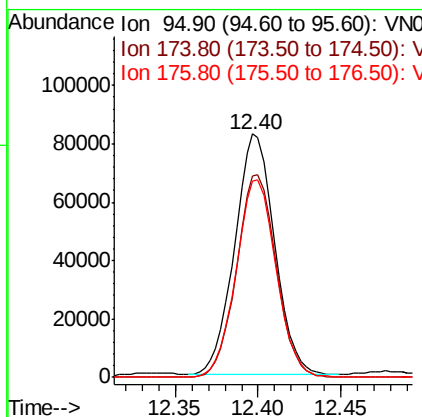
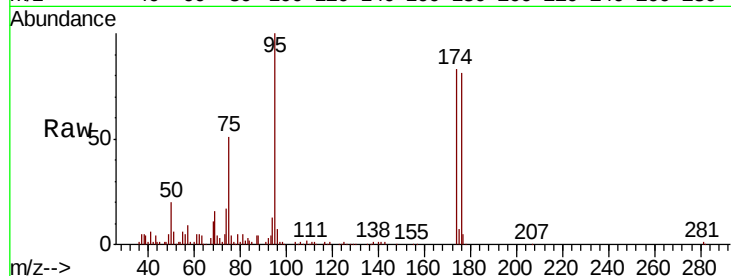




#62
4-Bromofluorobenzene
Concen: 54.674 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

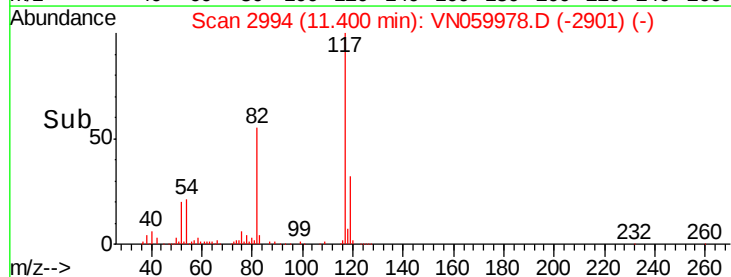
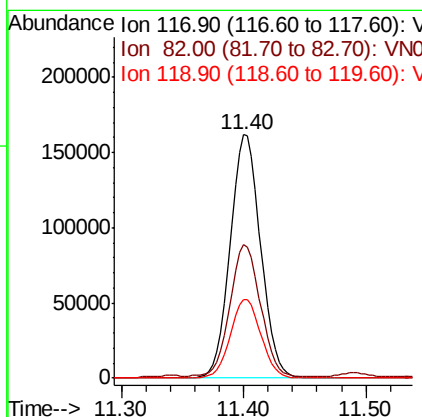
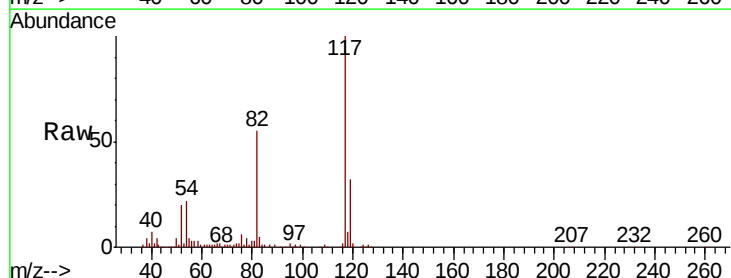
Instrument :
MSVOA_N
ClientSampled :

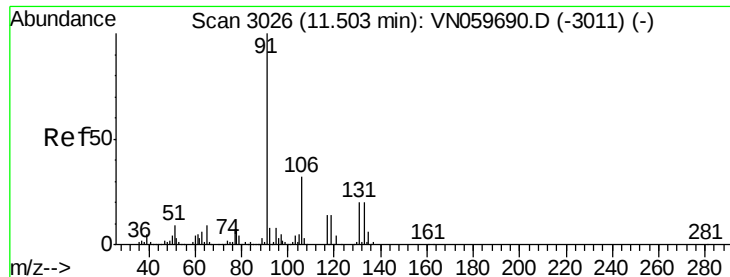
Tot Ion: 95 Resp: 137484
Ion Ratio Lower Upper
95 100
174 84.0 0.0 151.4
176 82.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion: 117 Resp: 281351
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 32.4 25.5 38.3

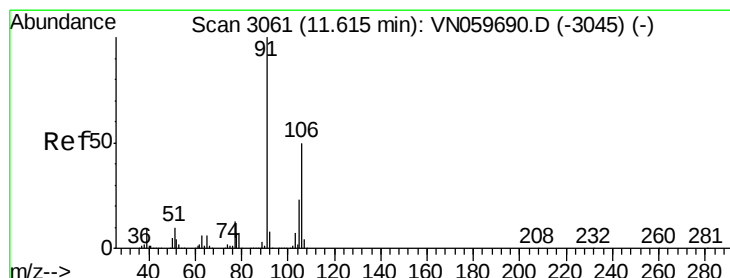
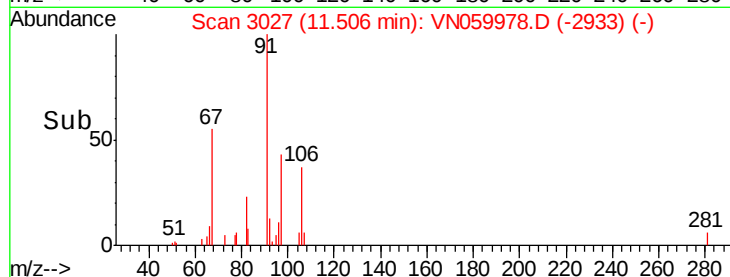
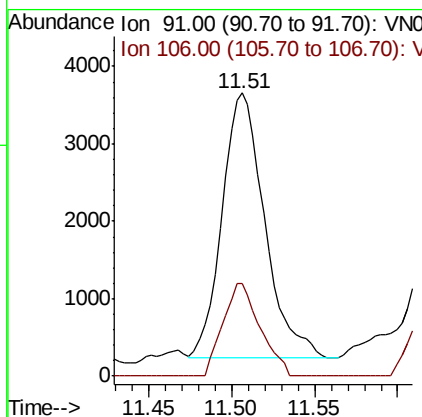
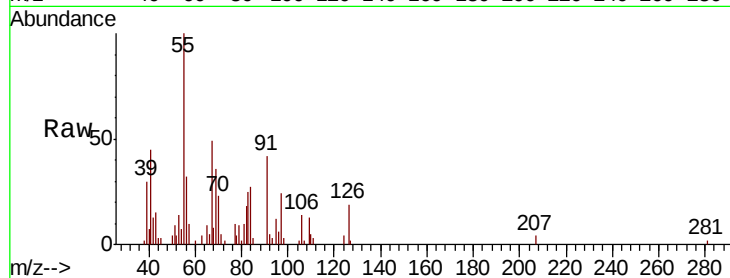




#67
Ethyl Benzene
Concen: 0.611 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

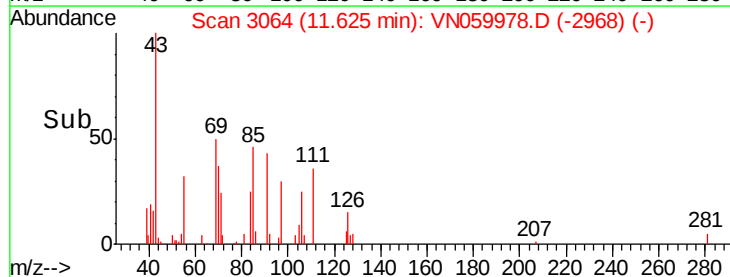
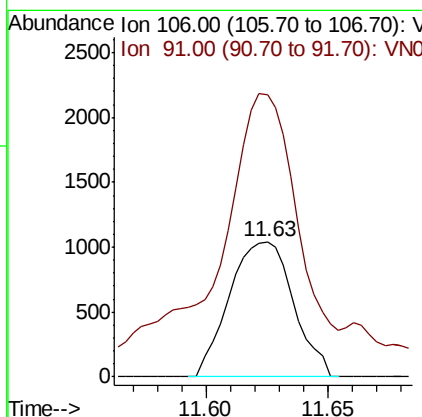
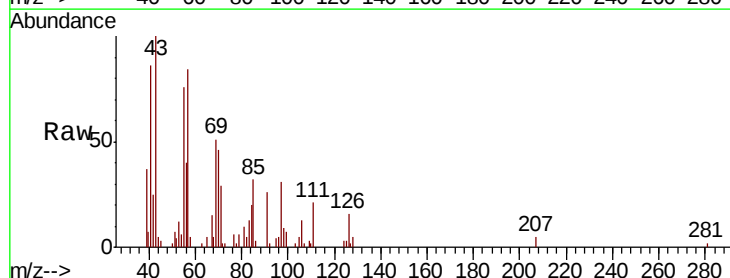
Instrument :
MSVOA_N
ClientSampled :

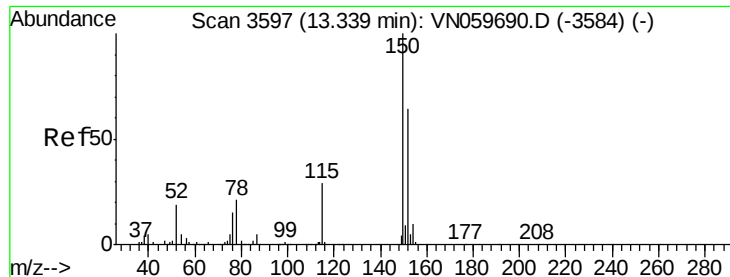
Tot Ion: 91 Resp: 6136
Ion Ratio Lower Upper
91 100
106 35.2 24.1 36.1



#68
m/p-Xylenes
Concen: 0.501 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion: 106 Resp: 1898
Ion Ratio Lower Upper
106 100
91 206.3 167.9 251.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

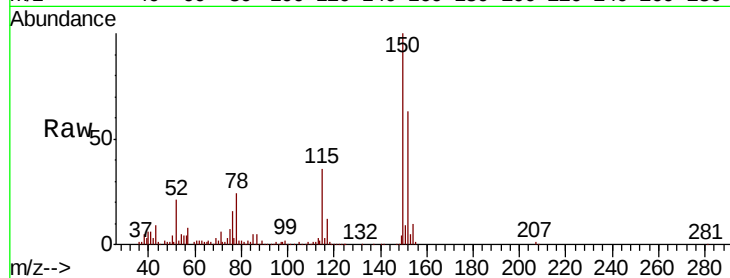
Tot Ion:152 Resp: 141072

Ion Ratio Lower Upper

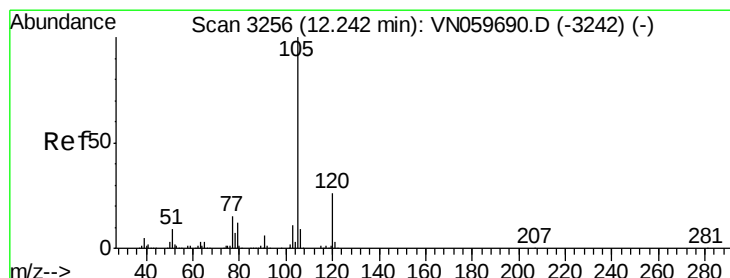
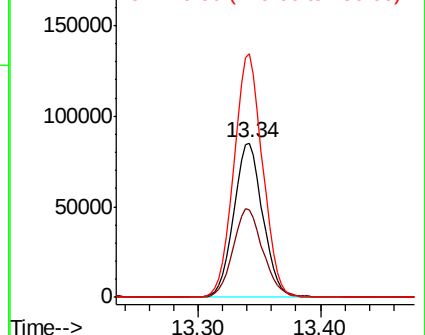
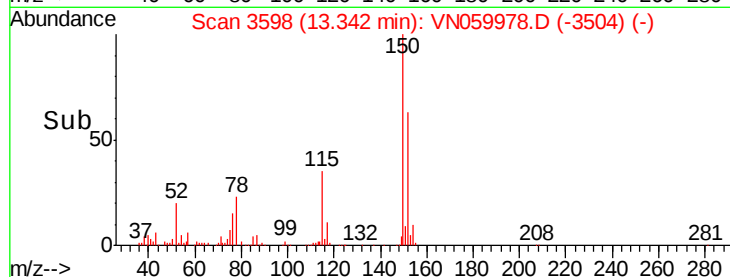
152 100

115 59.8 30.3 90.9

150 155.9 0.0 345.2



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: 3.007 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059978.D

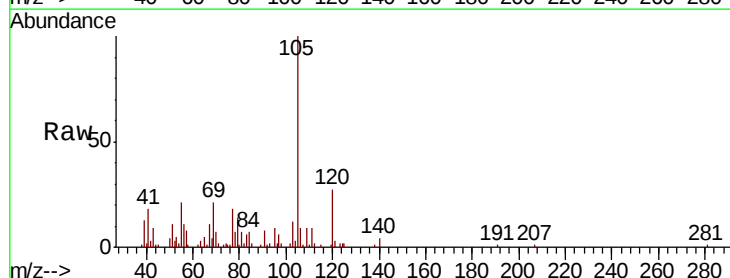
Acq: 3 Feb 2020 16:34

Tgt Ion:105 Resp: 31111

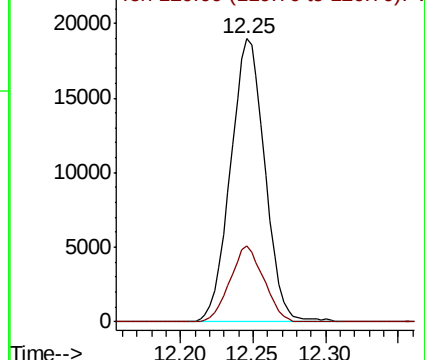
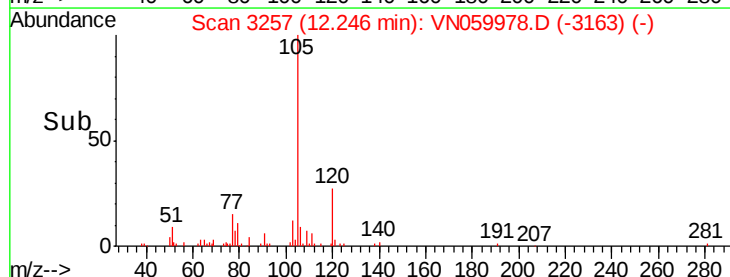
Ion Ratio Lower Upper

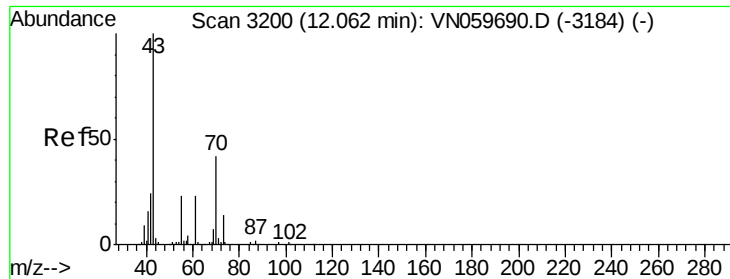
105 100

120 26.5 13.2 39.5



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





#74

N-amvl acetate

Concen: 4.901 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.02 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 19676

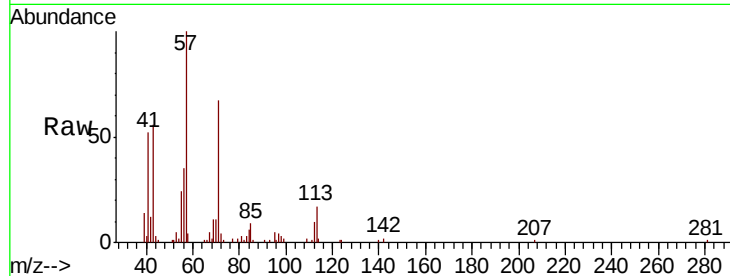
Ion Ratio Lower Upper

43 100

70 14.6 31.3 46.9#

55 13.1 19.8 29.6#

61 0.0 18.3 27.5#

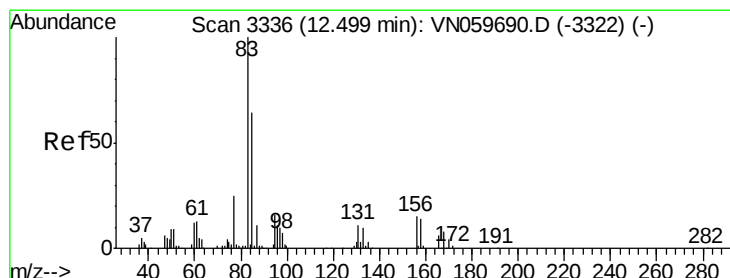
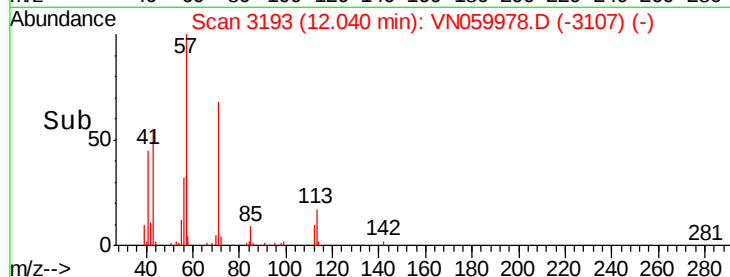
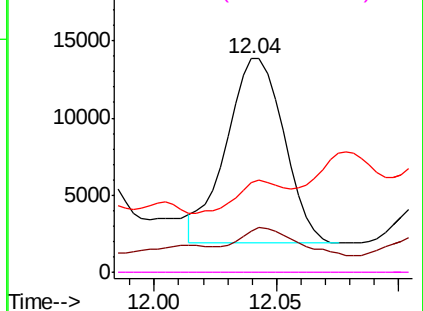


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.384 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.02 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

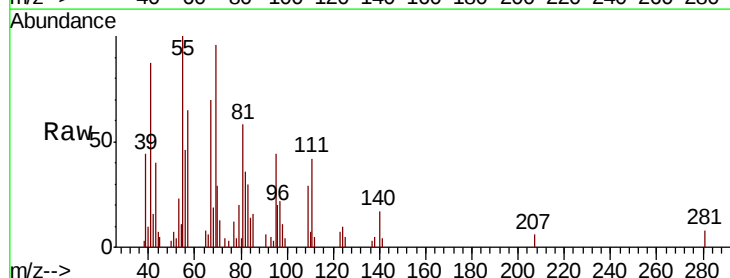
Tgt Ion: 83 Resp: 1153

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

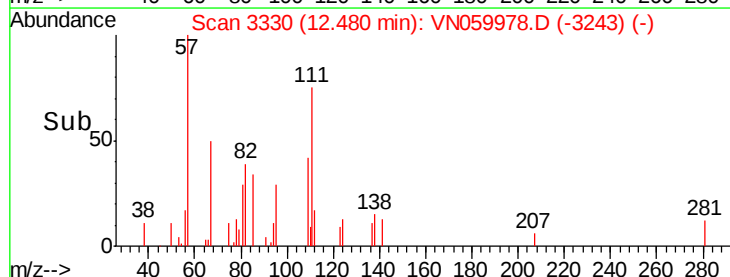
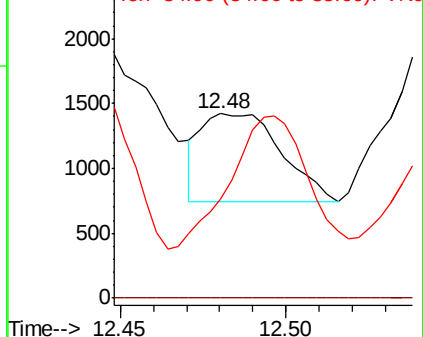
85 136.7 31.9 95.5#

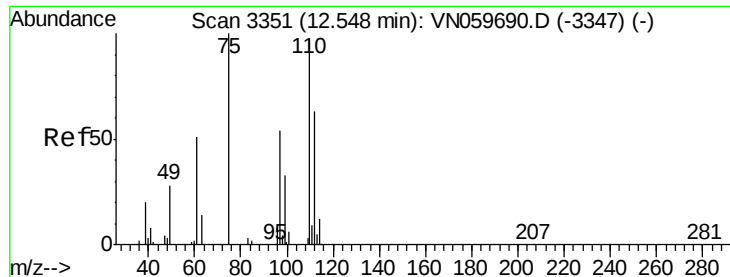


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 29.538 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

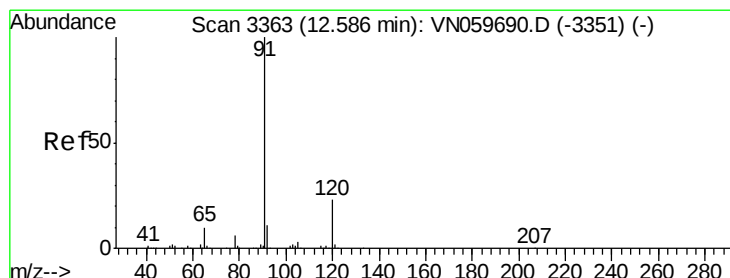
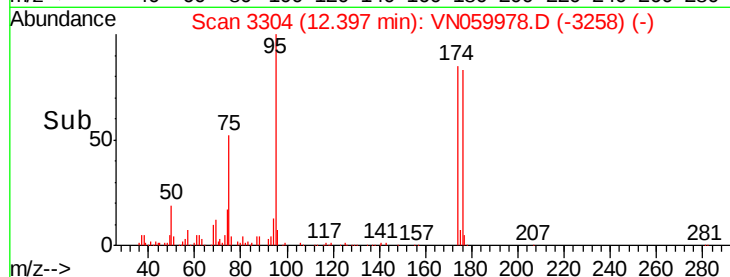
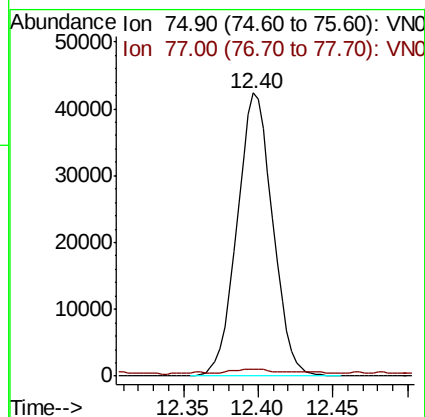
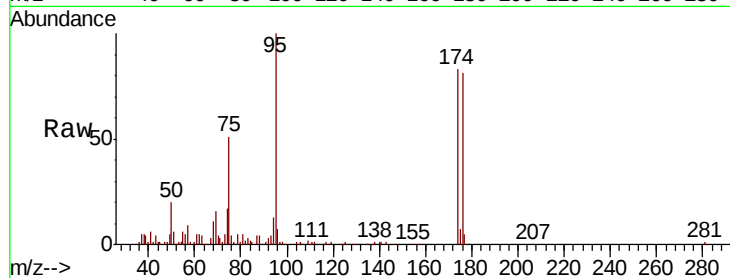
ClientSampleId :

Tot Ion: 75 Resp: 70127

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#78

n-propylbenzene

Concen: 14.335 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059978.D

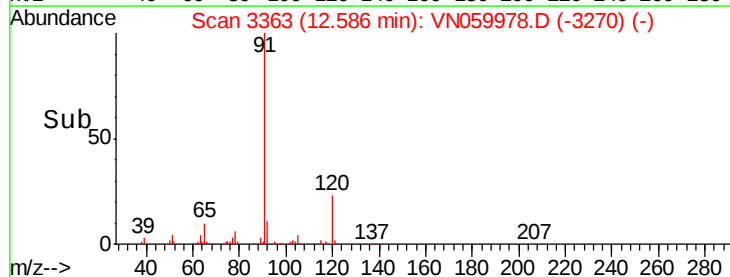
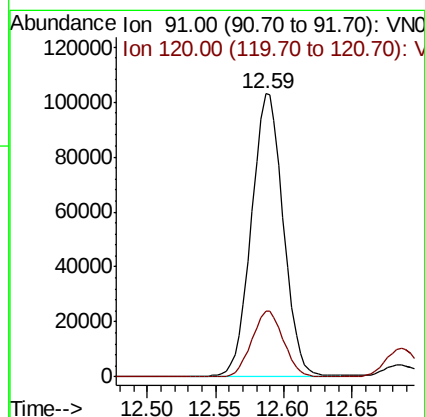
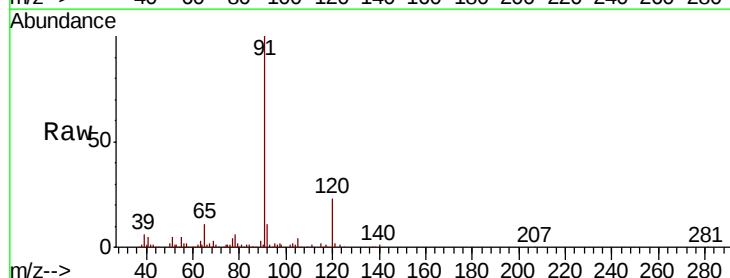
Acq: 3 Feb 2020 16:34

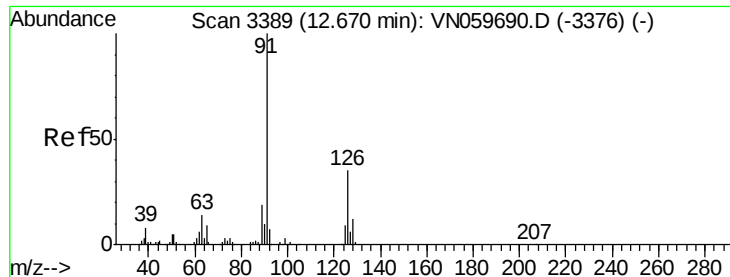
Tgt Ion: 91 Resp: 166470

Ion Ratio Lower Upper

91 100

120 23.1 11.1 33.3

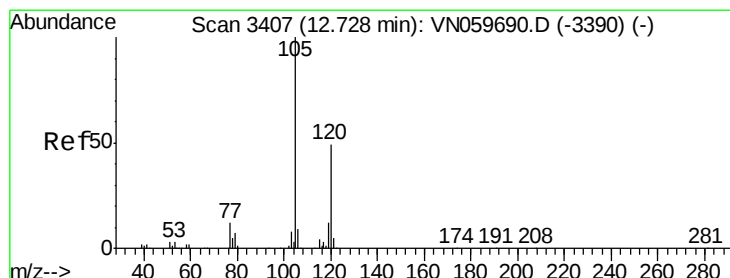
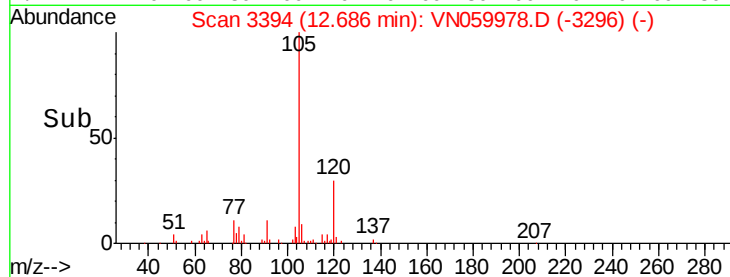
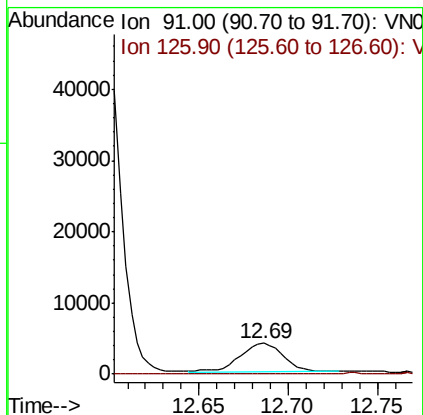
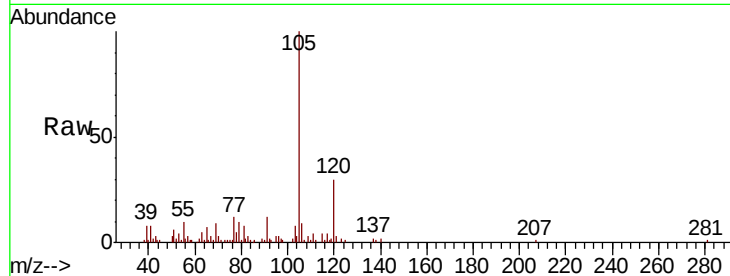




#79
 2-Chlorotoluene
 Concen: 1.005 ug/l
 RT: 12.69 min Scan# 3394
 Delta R.T. 0.02 min
 Lab File: VN059978.D
 Acq: 3 Feb 2020 16:34

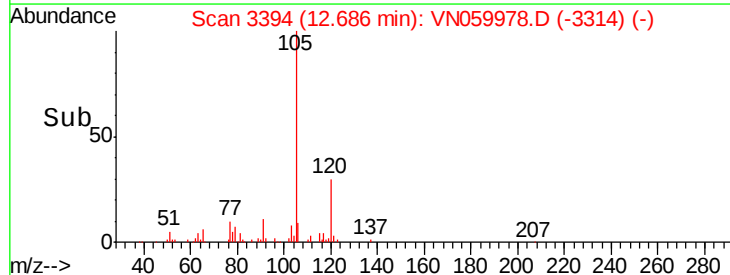
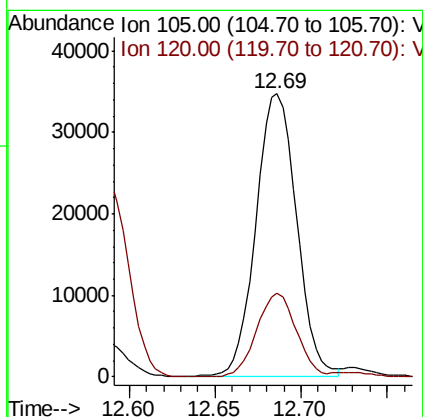
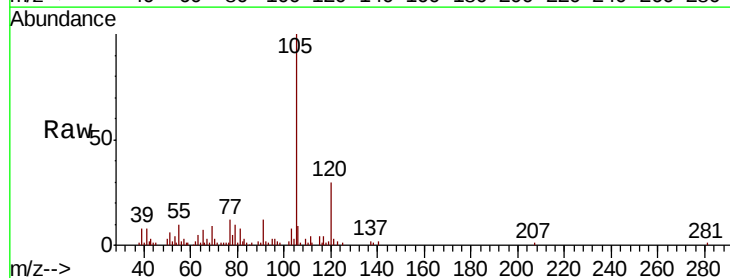
Instrument :
 MSVOA_N
 ClientSampleId :

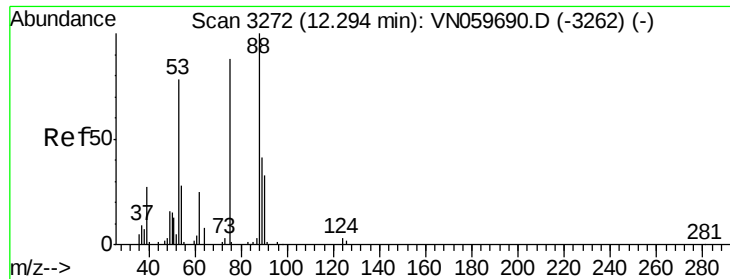
Tot Ion: 91 Resp: 6945
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.3 48.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 6.583 ug/l
 RT: 12.69 min Scan# 3394
 Delta R.T. -0.04 min
 Lab File: VN059978.D
 Acq: 3 Feb 2020 16:34

Tgt Ion: 105 Resp: 57276
 Ion Ratio Lower Upper
 105 100
 120 28.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 63.434 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

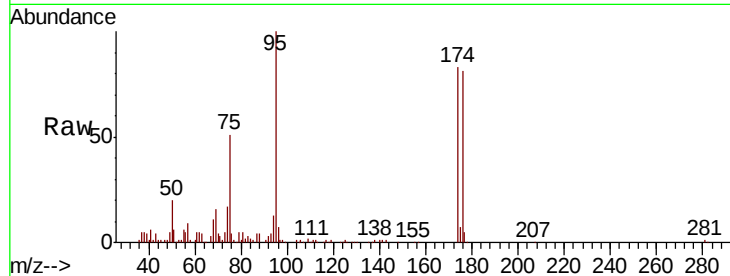
Tot Ion: 75 Resp: 70127

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

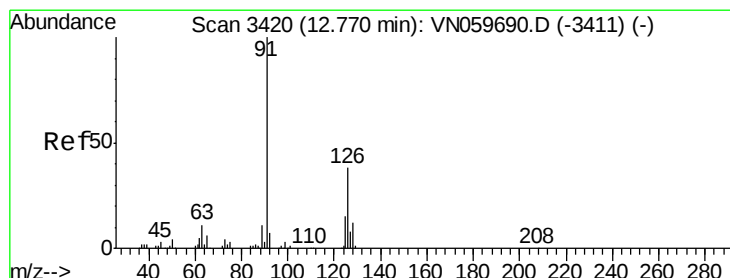
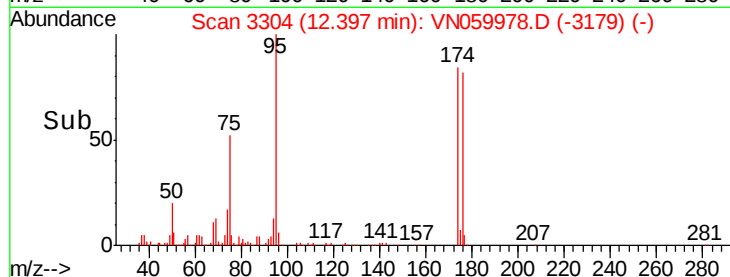
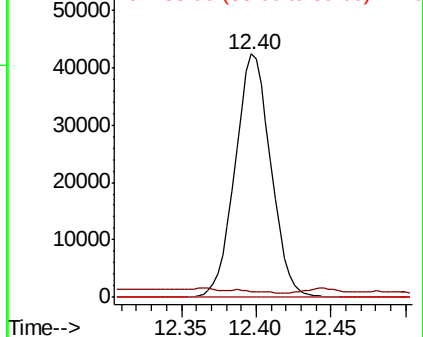
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.002 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.08 min

Lab File: VN059978.D

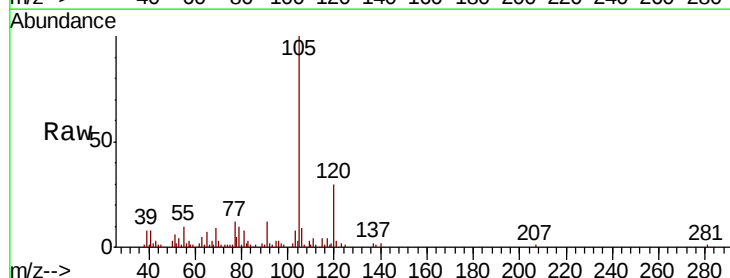
Acq: 3 Feb 2020 16:34

Tgt Ion: 91 Resp: 6945

Ion Ratio Lower Upper

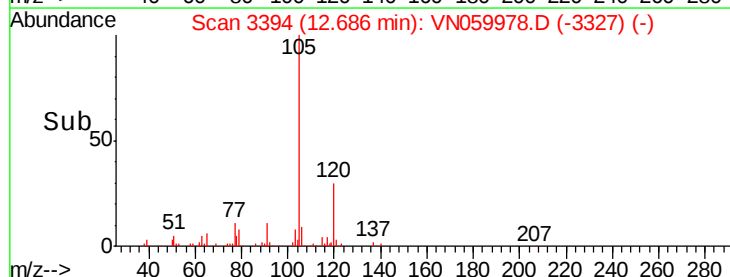
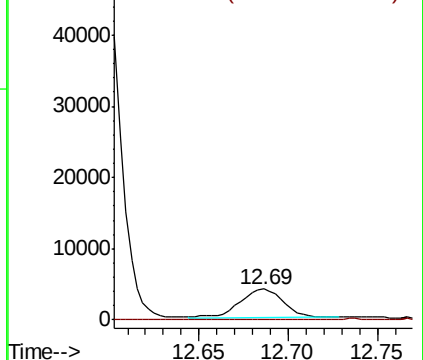
91 100

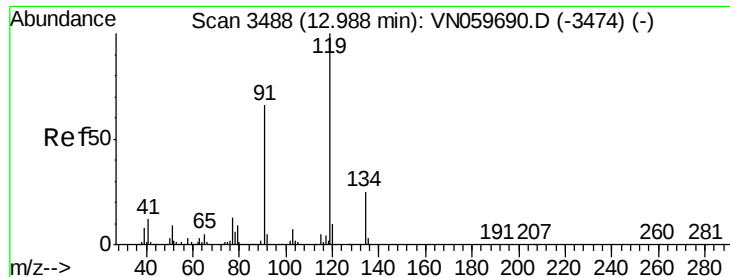
126 0.0 16.3 48.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

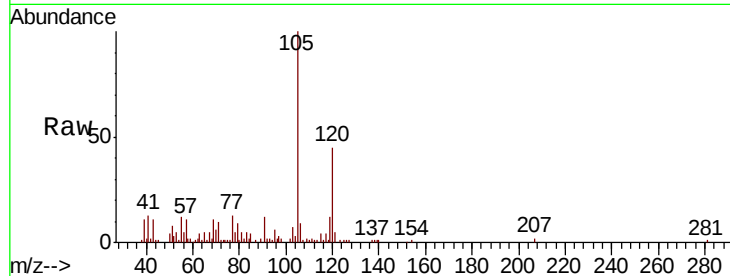




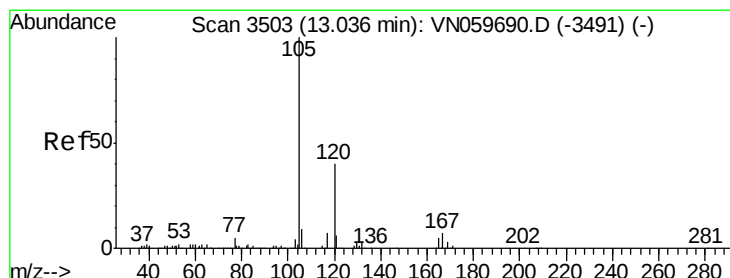
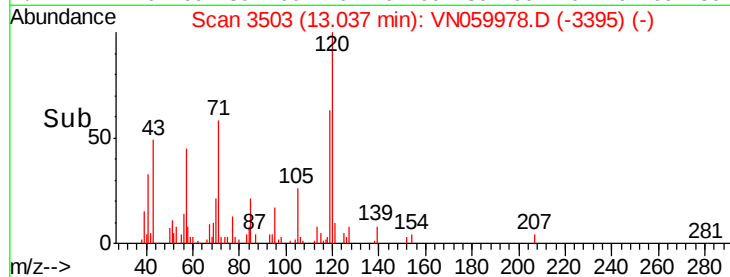
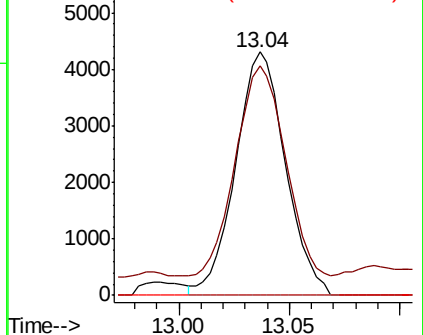
#83
tert-Butylbenzene
Concen: 0.897 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.05 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 6750
Ion Ratio Lower Upper
119 100
91 85.2 34.8 104.4
134 0.0 12.3 36.9#

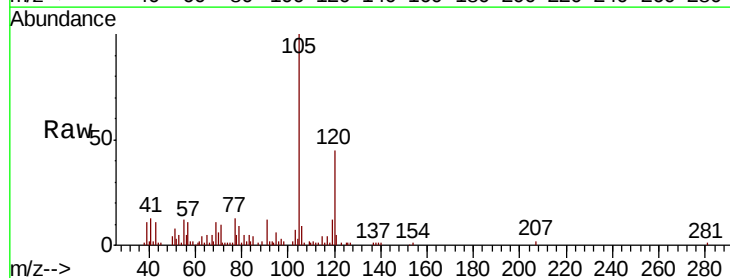


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

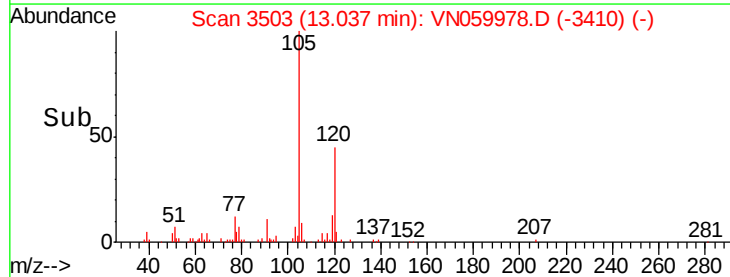
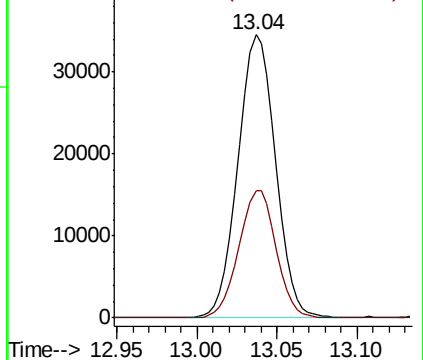


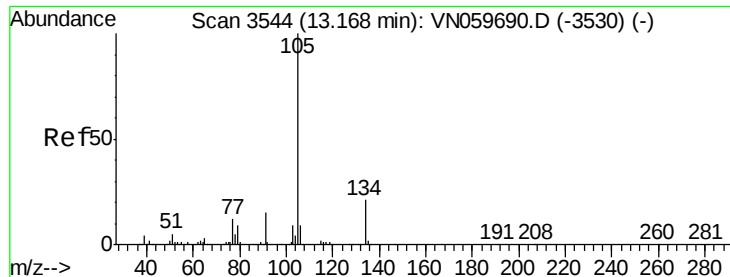
#84
1,2,4-Trimethylbenzene
Concen: 6.400 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion:105 Resp: 55096
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.9



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





#85

sec-Butylbenzene

Concen: 2.517 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

Instrument :

MSVOA_N

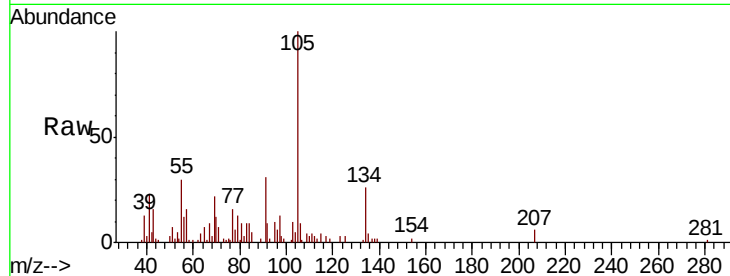
ClientSampled :

Tot Ion:105 Resp: 24890

Ion Ratio Lower Upper

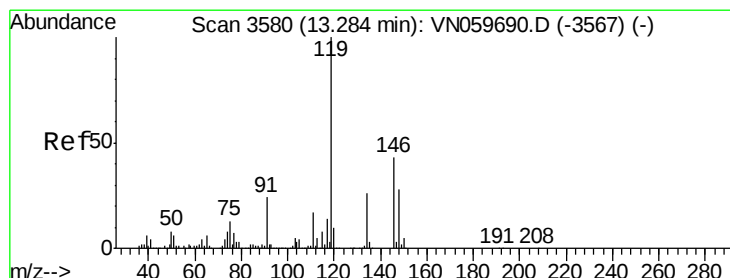
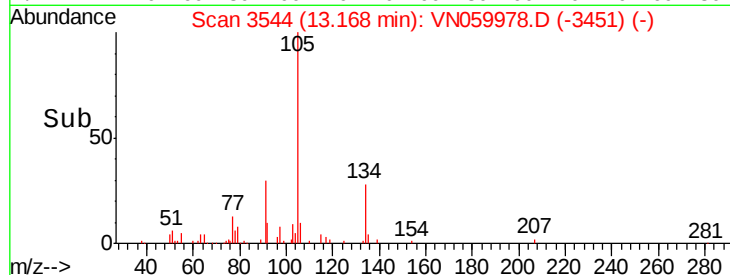
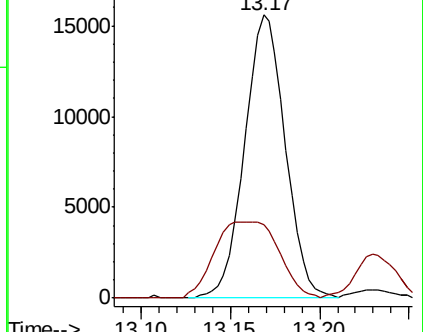
105 100

134 42.5 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.128 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059978.D

Acq: 3 Feb 2020 16:34

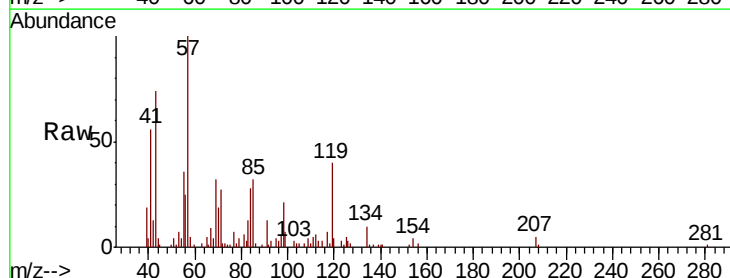
Tgt Ion:119 Resp: 10317

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

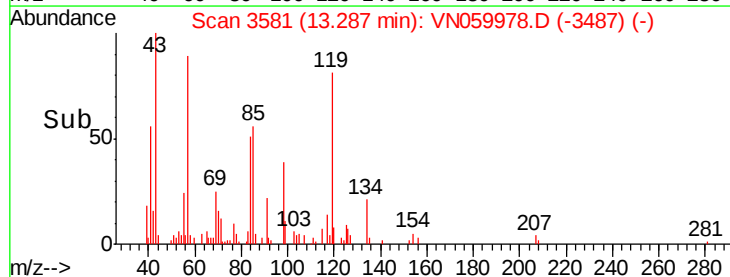
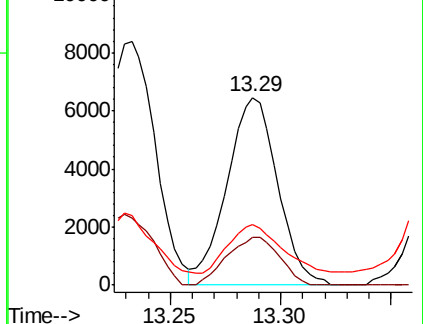
91 26.6 12.4 37.4

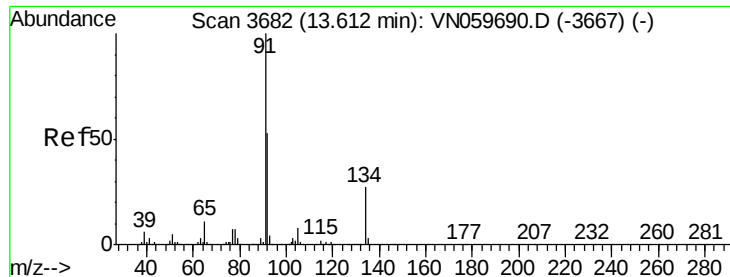


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

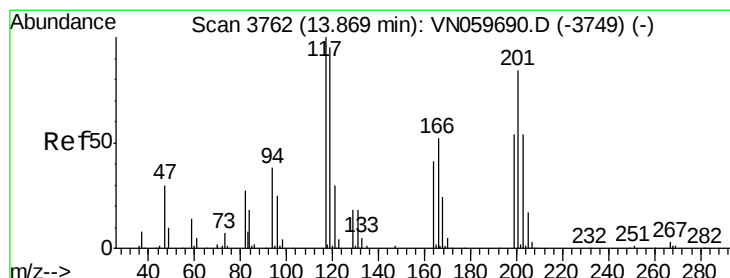
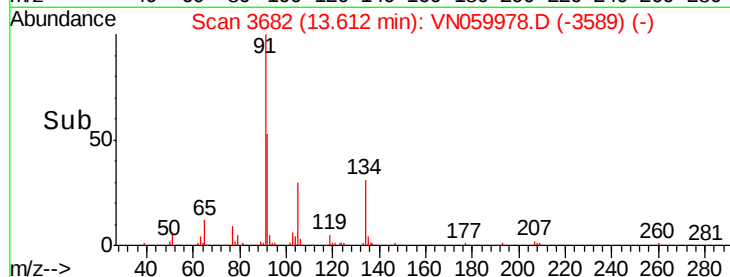
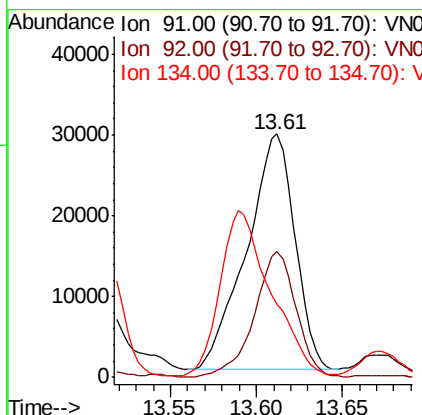
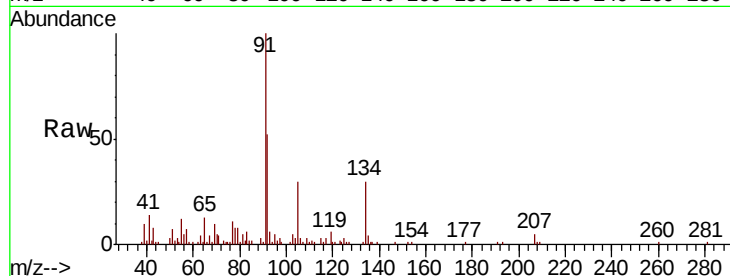




#89
n-Butylbenzene
Concen: 7.302 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

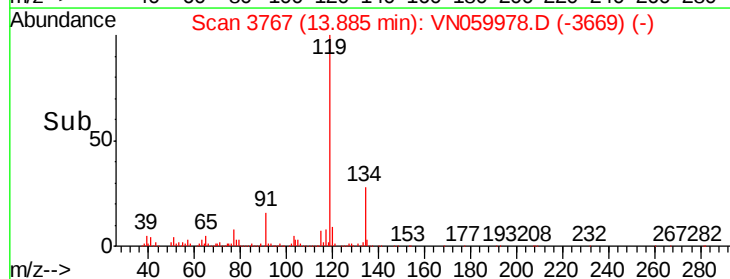
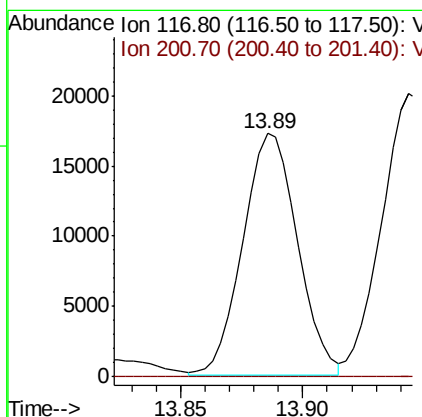
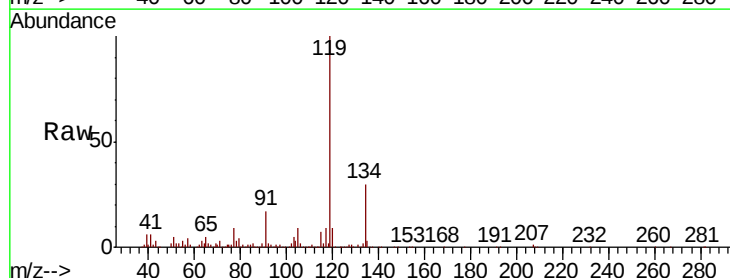
Instrument :
MSVOA_N
ClientSampleId :

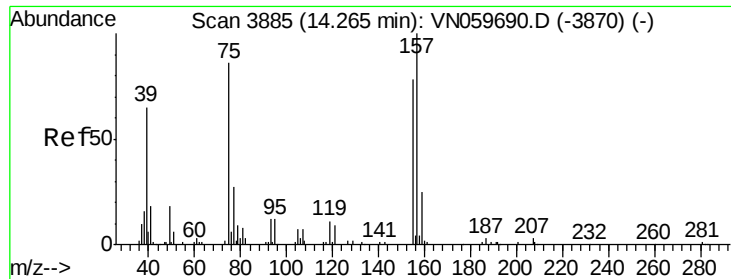
Tot Ion: 91 Resp: 56961
Ion Ratio Lower Upper
91 100
92 46.1 25.9 77.7
134 0.0 12.3 36.8#



#90
Hexachloroethane
Concen: 15.568 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.02 min
Lab File: VN059978.D
Acq: 3 Feb 2020 16:34

Tgt Ion: 117 Resp: 26647
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.4#

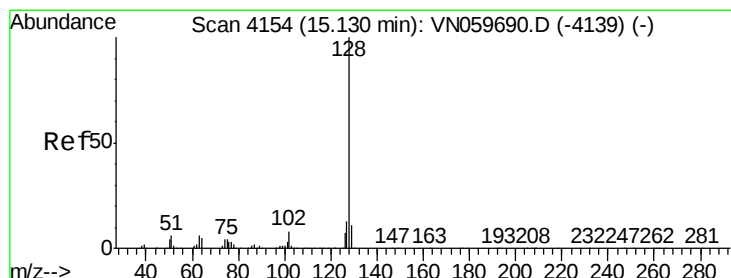
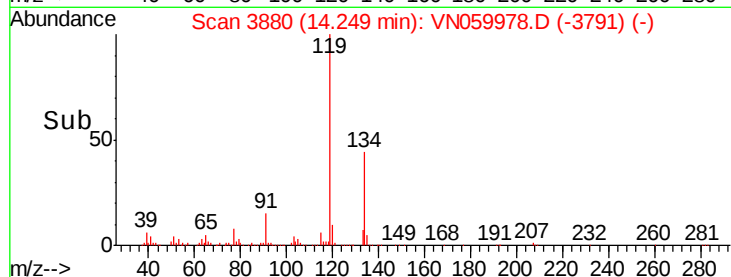
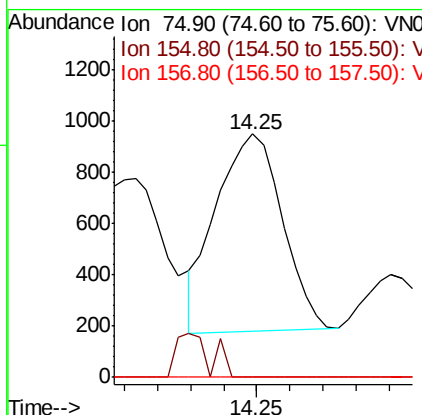
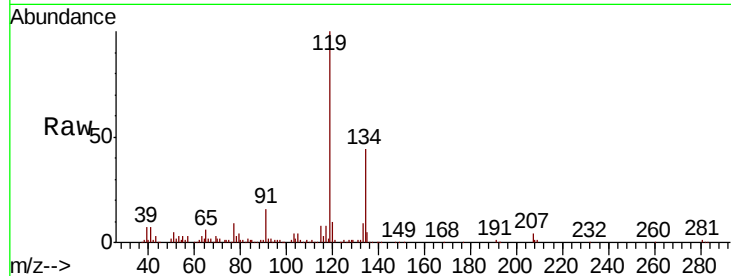




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.25 min Scan# 3880
 Delta R.T. -0.02 min
 Lab File: VN059978.D
 Acq: 3 Feb 2020 16:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 1073
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.0 110.9#
 157 0.0 48.4 145.2#



#95
 Naphthalene
 Concen: 1.470 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN059978.D
 Acq: 3 Feb 2020 16:34

Tgt Ion: 128 Resp: 11302
 Ion Ratio Lower Upper
 128 100
 127 17.1 10.4 15.6#
 129 7.9 8.6 12.8#

