

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059395.D
 Acq On : 25 Nov 2019 19:51
 Operator : JC/SP
 Sample : k5948-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 26 00:42:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	352005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	539641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	476938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	182805	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	199070	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
35) Dibromofluoromethane	7.57	113	161741	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	10.08	98	662159	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.40	95	212277	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	

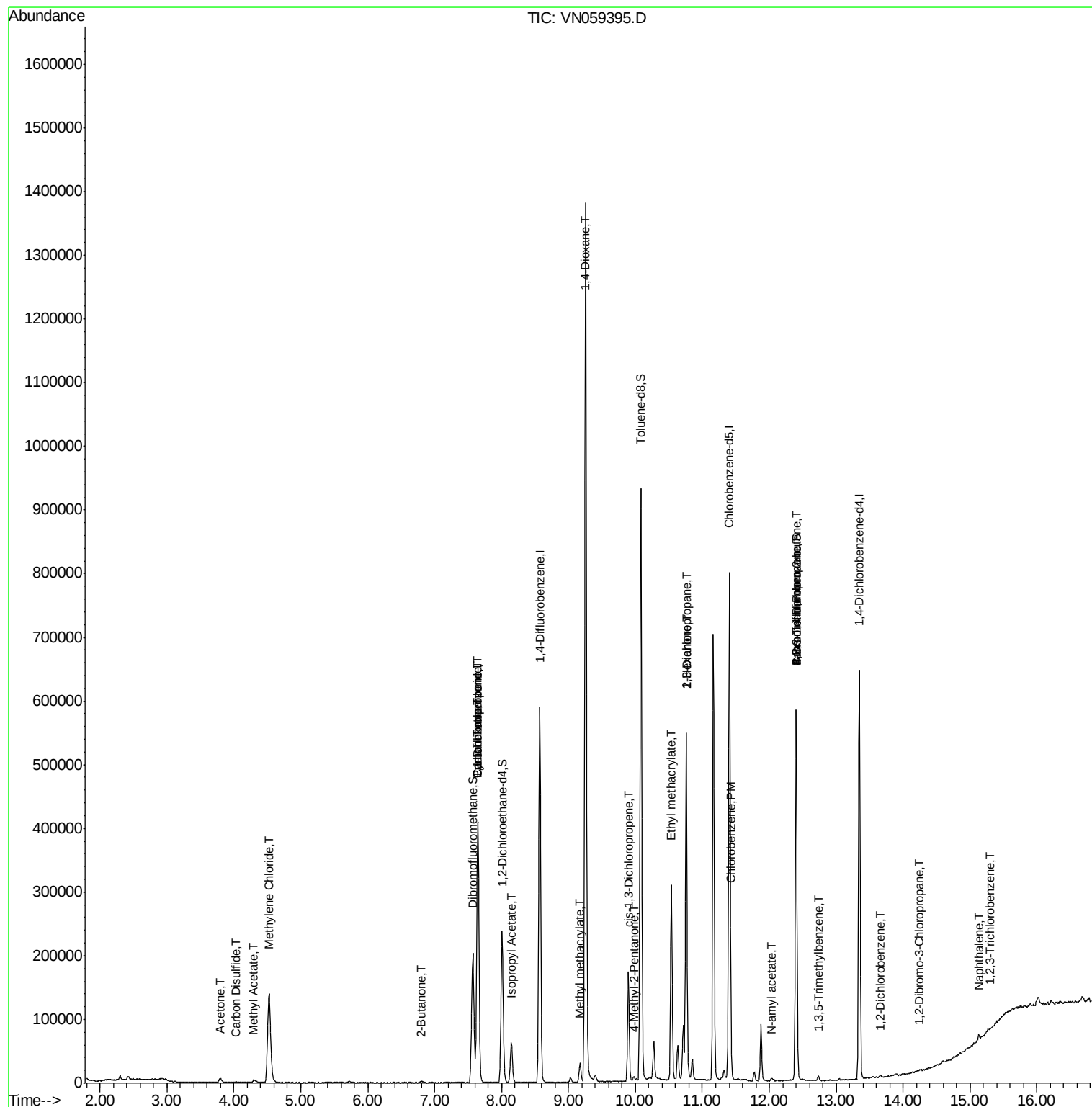
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	11796	6.229	ug/l	91
17) Carbon Disulfide	4.03	76	2329	0.335	ug/l #	75
18) Methyl Acetate	4.30	43	8004	1.274	ug/l	93
20) Methylene Chloride	4.53	84	113358	26.541	ug/l	99
25) 2-Butanone	6.81	43	697	0.237	ug/l #	49
30) Chloroform	7.36	83	545	Below Cal	#	65
31) Cyclohexane	7.65	56	6267	0.843	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	25418	4.563	ug/l #	49
38) Carbon Tetrachloride	7.65	117	32576	6.108	ug/l #	17
43) Isopropyl Acetate	8.15	43	74763	8.171	ug/l #	92
48) Methyl methacrylate	9.17	41	4883	1.174	ug/l #	14
49) 1,4-Dioxane	9.25	88	30	0.480	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4110	0.767	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	31711	4.694	ug/l #	63
56) Ethyl methacrylate	10.53	69	832	2.316	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	5875	0.882	ug/l #	42
59) 2-Hexanone	10.76	43	78663	20.058	ug/l #	53
65) Chlorobenzene	11.43	112	2836	0.277	ug/l	97
71) Bromoform	12.41	173	969	0.343	ug/l #	1
74) N-amyl acetate	12.03	43	3507	0.583	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	102253	24.212	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	3777	0.300	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	102253	60.558	ug/l #	14
91) 1,2-Dichlorobenzene	13.66	146	1991	0.318	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	252	0.239	ug/l #	3
95) Naphthalene	15.13	128	5844	3.676	ug/l	96
96) 1,2,3-Trichlorobenzene	15.29	180	300	1.977	ug/l #	2

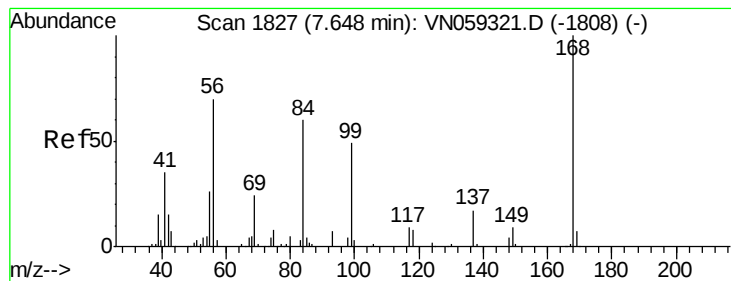
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 21 08:44:45 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_N

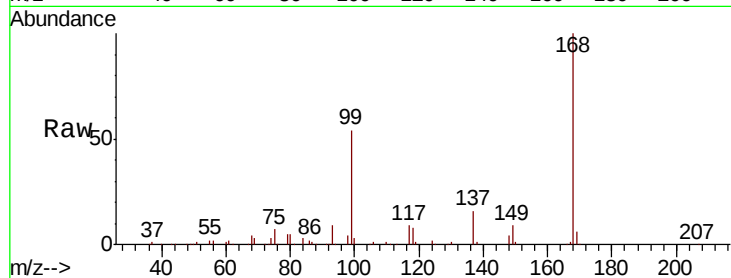
ClientSampleId :

Tot Ion:168 Resp: 352005

Ion Ratio Lower Upper

168 100

99 54.5 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.65

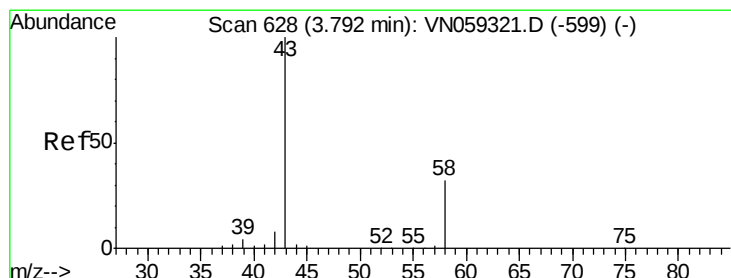
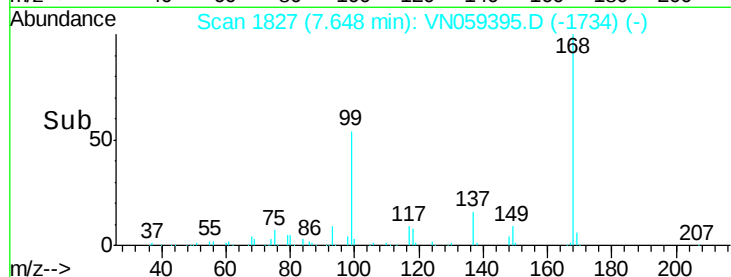
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.229 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN059395.D

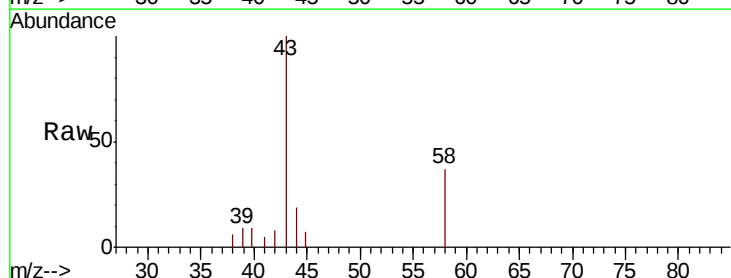
Acq: 25 Nov 2019 19:51

Tgt Ion: 43 Resp: 11796

Ion Ratio Lower Upper

43 100

58 37.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-599) (-)

3.80

4000

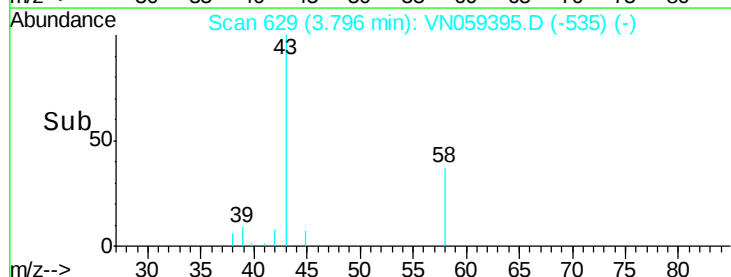
3000

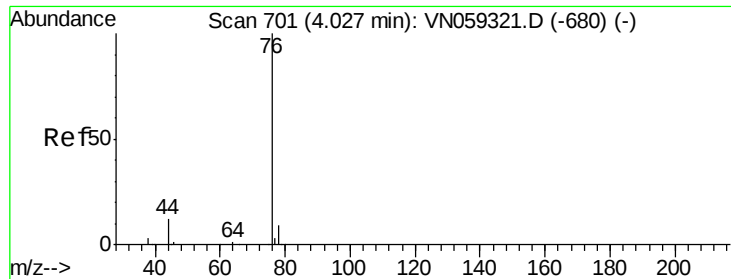
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

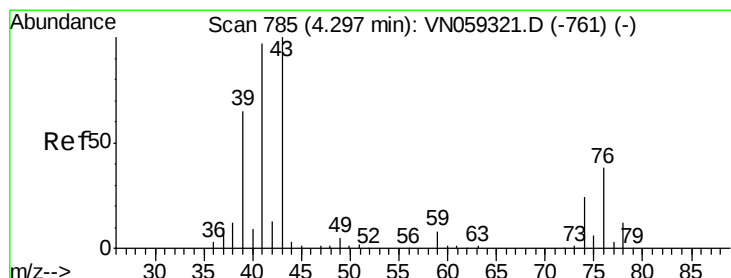
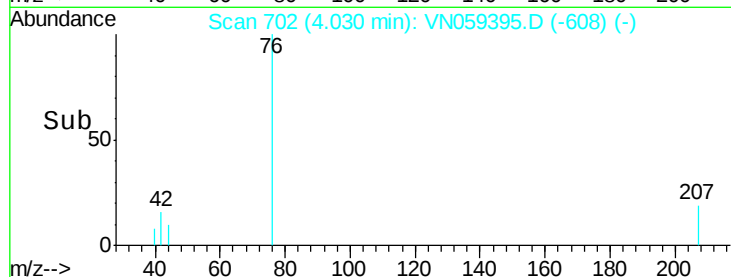
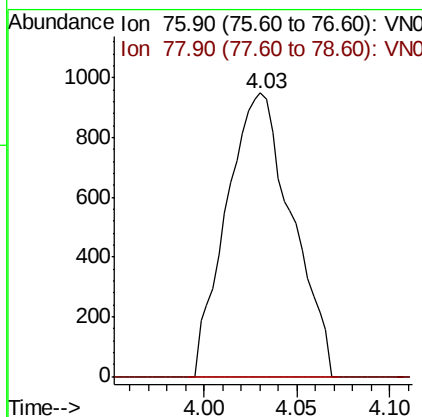
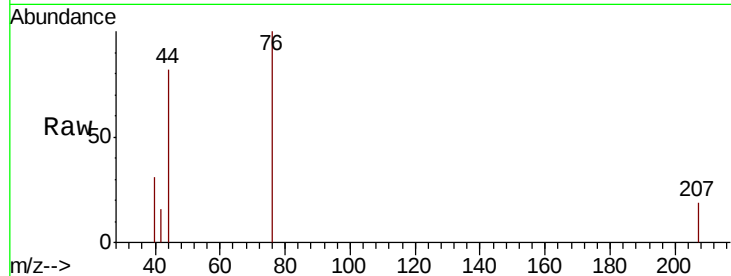




#17
Carbon Disulfide
Concen: 0.335 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059395.D
Acq: 25 Nov 2019 19:51

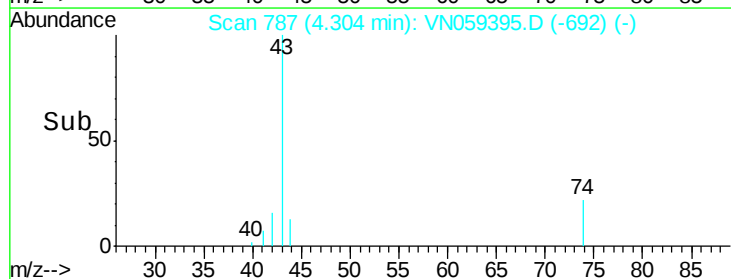
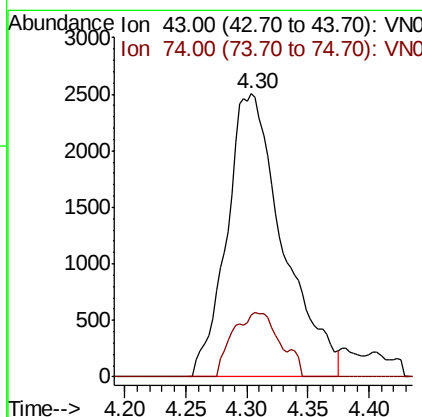
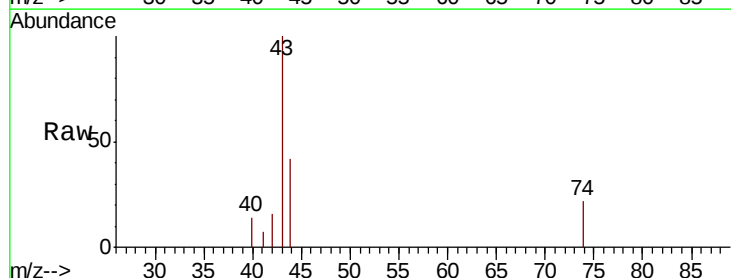
Instrument :
MSVOA_N
ClientSampled :

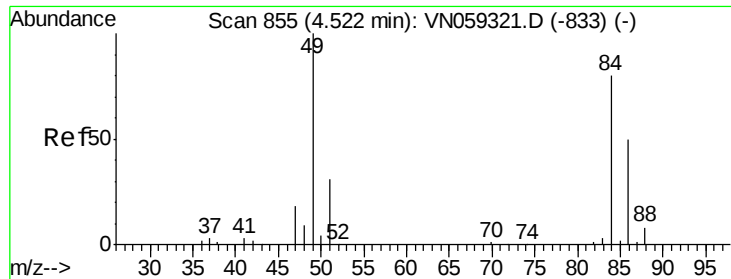
Tot Ion: 76 Resp: 2329
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.274 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059395.D
Acq: 25 Nov 2019 19:51

Tgt Ion: 43 Resp: 8004
Ion Ratio Lower Upper
43 100
74 19.2 18.1 27.1

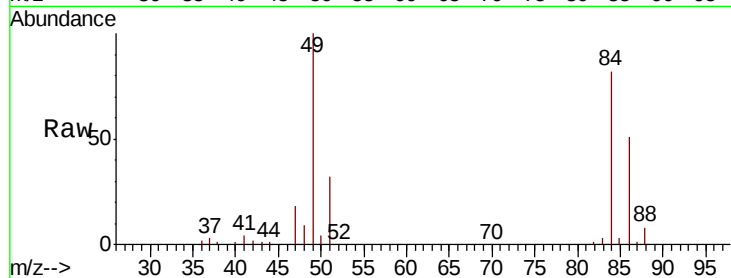




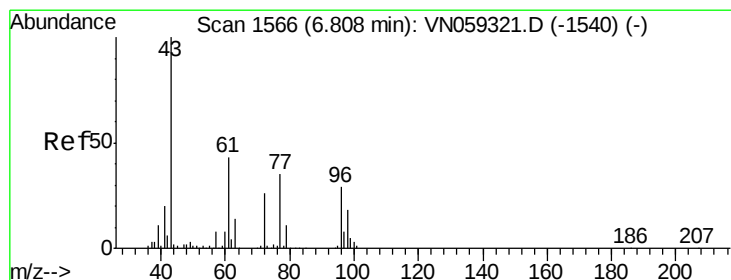
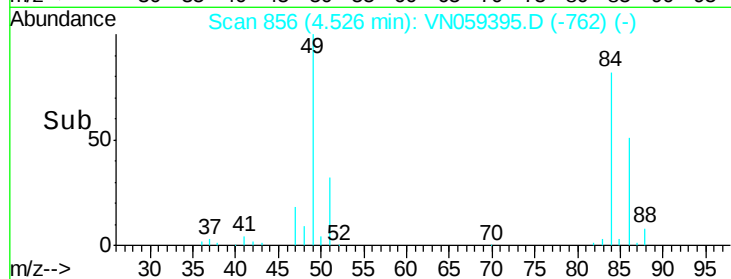
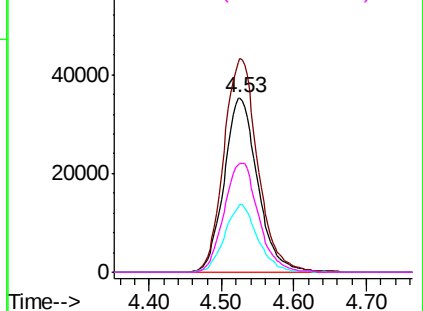
#20
Methylene Chloride
Concen: 26.541 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059395.D
Acq: 25 Nov 2019 19:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 113358
Ion Ratio Lower Upper
84 100
49 122.5 99.5 149.3
51 38.8 31.1 46.7
86 62.1 49.9 74.9

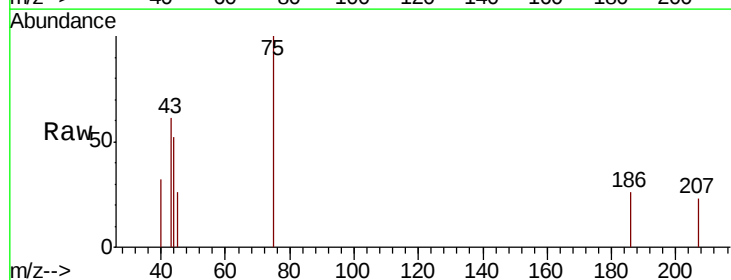


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

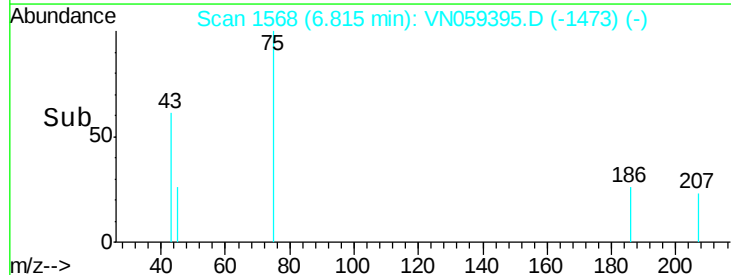
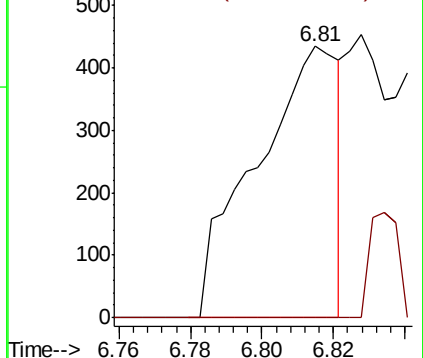


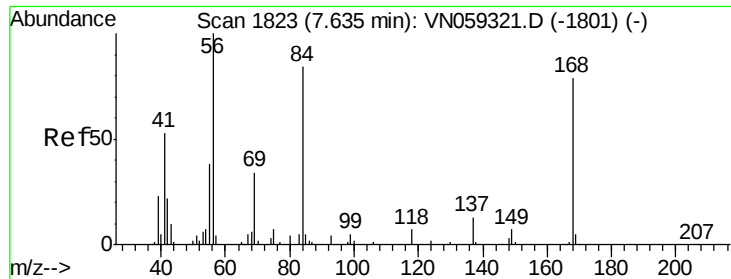
#25
2-Butanone
Concen: 0.237 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN059395.D
Acq: 25 Nov 2019 19:51

Tgt Ion: 43 Resp: 697
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC

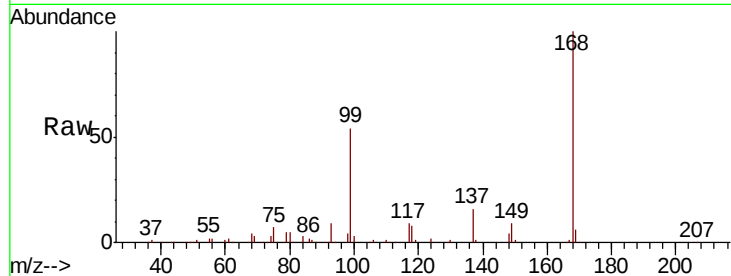




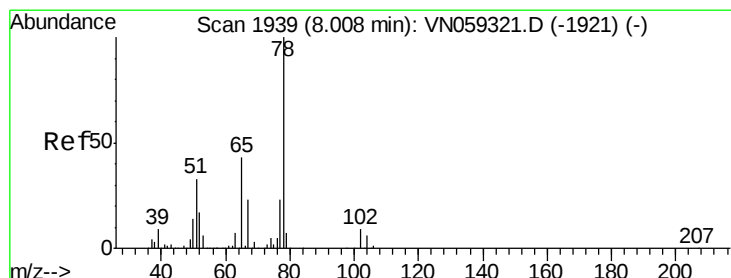
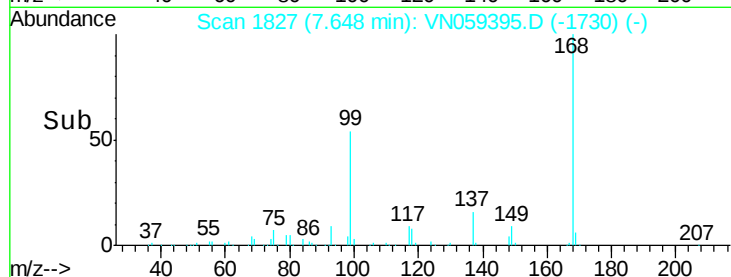
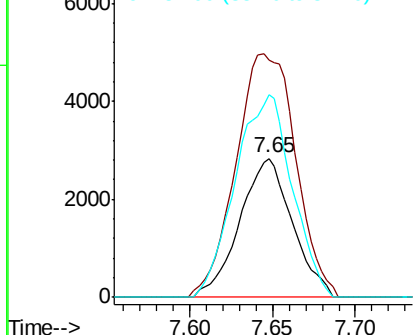
#31
Cyclohexane
Concen: 0.843 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN059395.D
Acq: 25 Nov 2019 19:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 6267
Ion Ratio Lower Upper
56 100
69 170.3 26.6 40.0#
84 145.9 67.0 100.4#

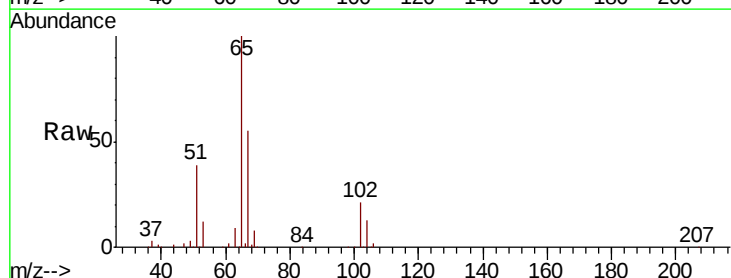


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

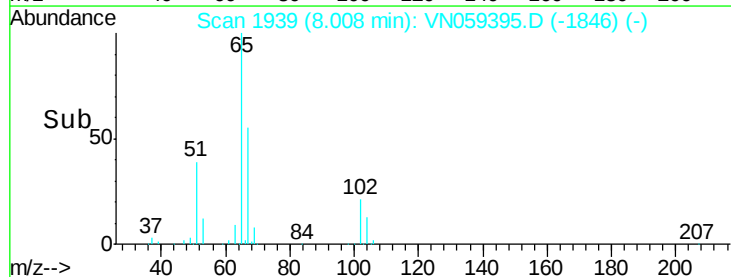
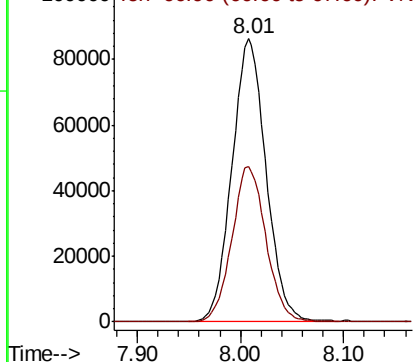


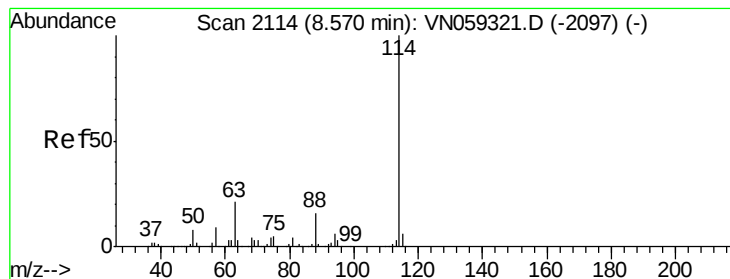
#33
1,2-Dichloroethane-d4
Concen: 47.134 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN059395.D
Acq: 25 Nov 2019 19:51

Tgt Ion: 65 Resp: 199070
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.4



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :
MSVOA_N
ClientSampleId :

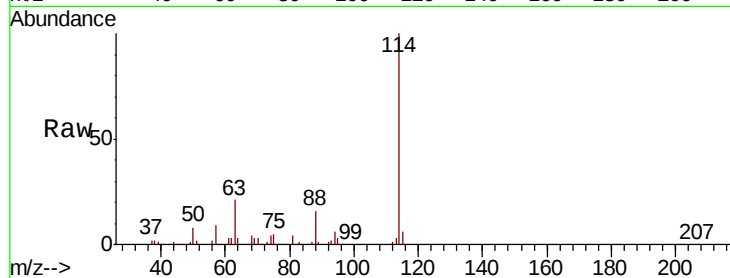
Tot Ion:114 Resp: 539641

Ion Ratio Lower Upper

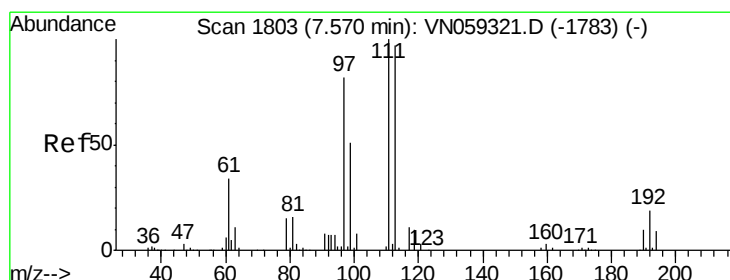
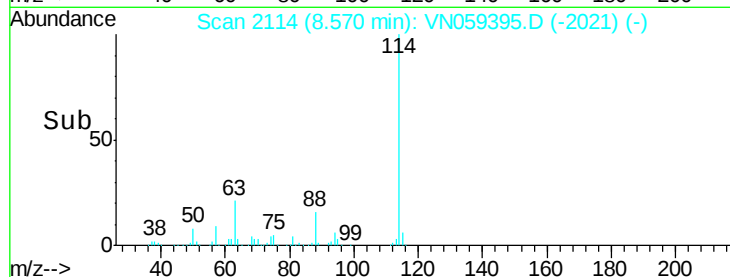
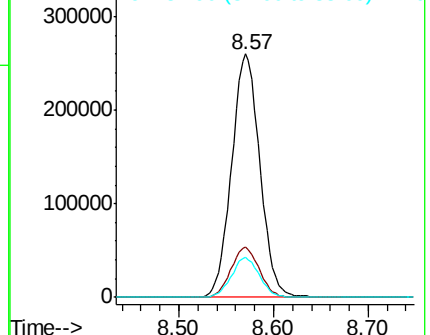
114 100

63 20.7 0.0 42.2

88 16.2 0.0 32.2



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: 49.958 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

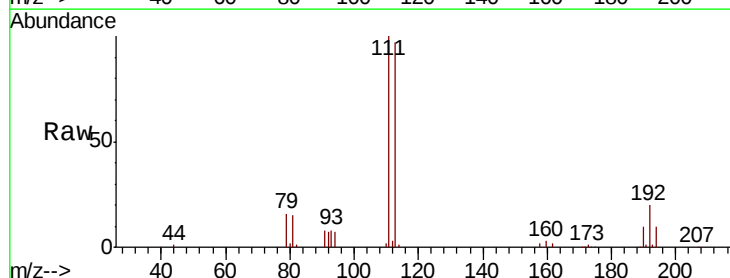
Tgt Ion:113 Resp: 161741

Ion Ratio Lower Upper

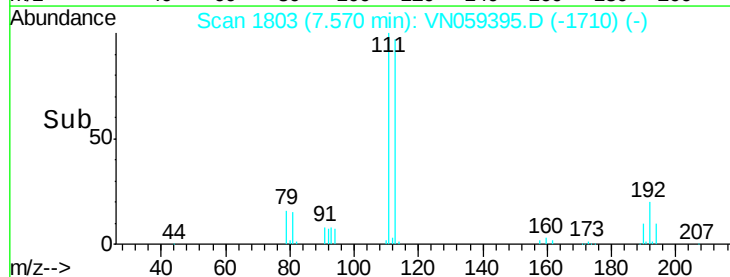
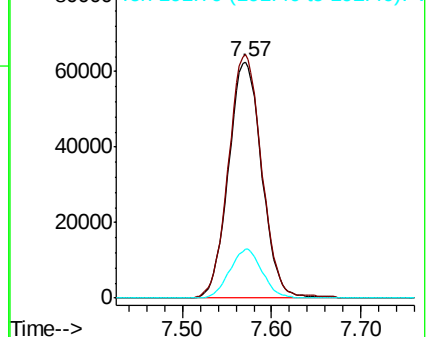
113 100

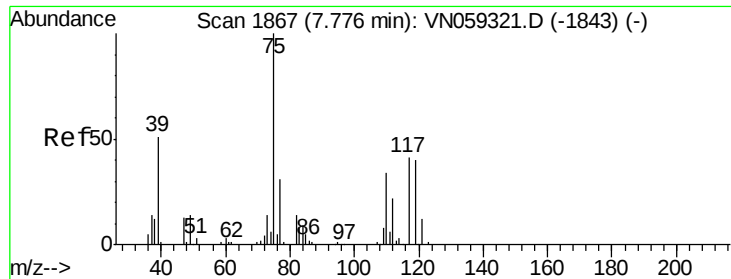
111 103.1 82.7 124.1

192 20.1 16.3 24.5



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: 4.563 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.13 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :
MSVOA_N
ClientSampled :

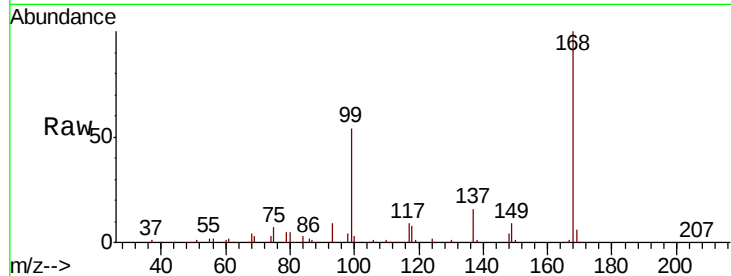
Tot Ion: 75 Resp: 25418

Ion Ratio Lower Upper

75 100

110 8.0 17.0 51.0#

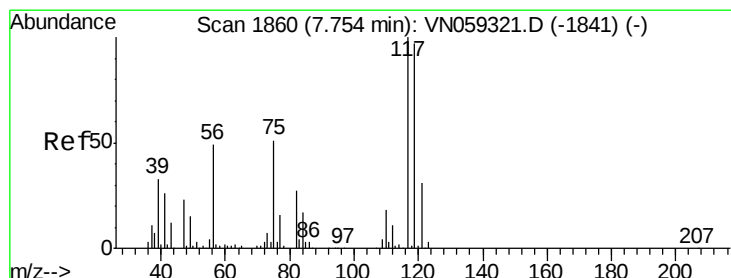
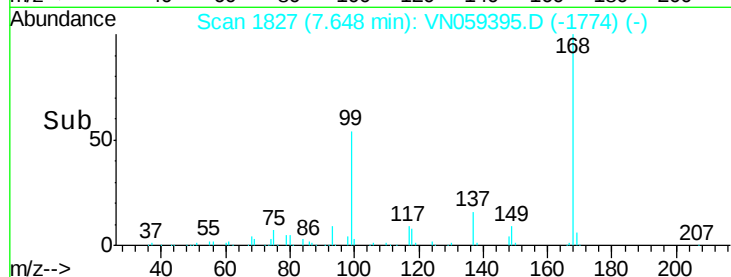
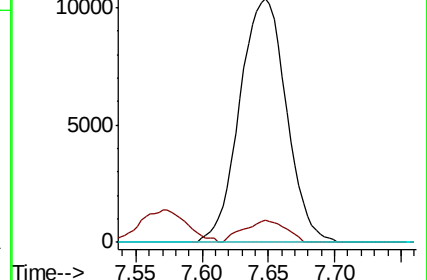
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN059321.D (-1843) (-)

Ion 109.90 (109.60 to 110.60): VN059321.D (-1843) (-)

Ion 76.90 (76.60 to 77.60): VN059321.D (-1843) (-)



#38

Carbon Tetrachloride

Concen: 6.108 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

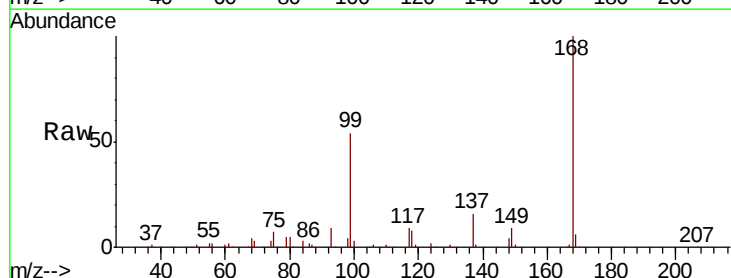
Tgt Ion: 117 Resp: 32576

Ion Ratio Lower Upper

117 100

119 6.4 77.0 115.4#

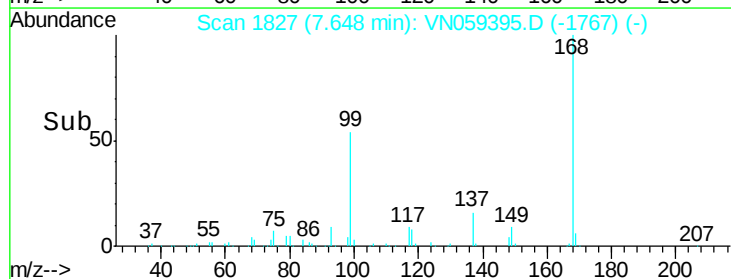
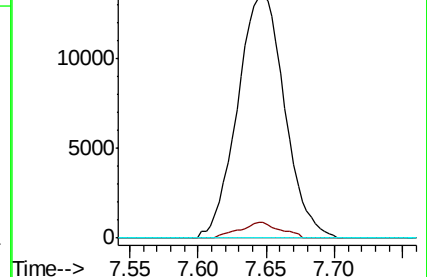
121 0.0 24.4 36.6#

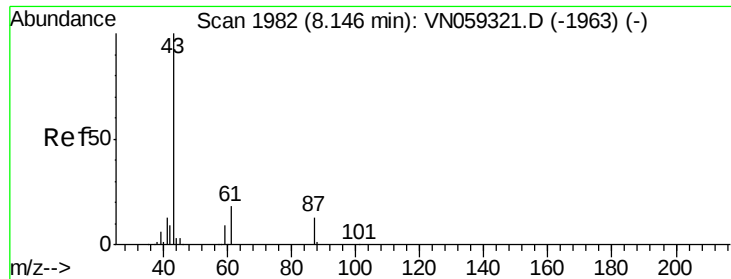


Abundance Ion 116.80 (116.50 to 117.50): VN059321.D (-1841) (-)

Ion 118.80 (118.50 to 119.50): VN059321.D (-1841) (-)

Ion 120.80 (120.50 to 121.50): VN059321.D (-1841) (-)





#43

Isopropyl Acetate

Concen: 8.171 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_N

ClientSampleId :

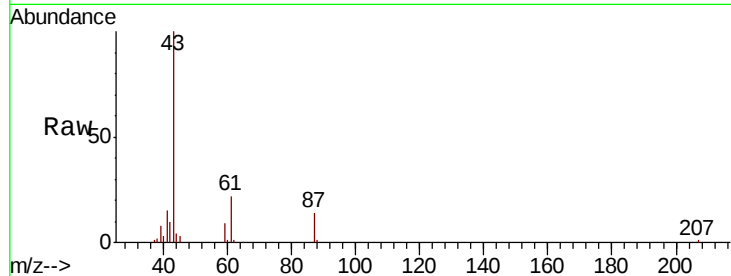
Tot Ion: 43 Resp: 74763

Ion Ratio Lower Upper

43 100

61 20.9 21.7 32.5#

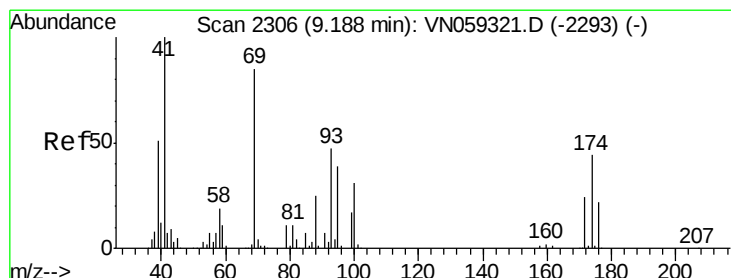
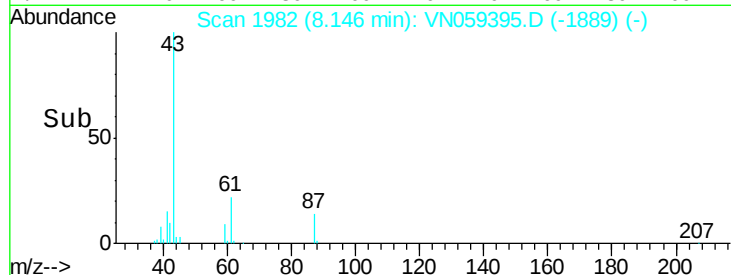
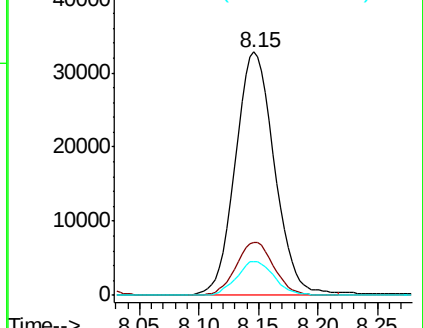
87 13.3 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN059395.D (-1889) (-)

Ion 61.00 (60.70 to 61.70): VN059395.D (-1889) (-)

Ion 87.00 (86.70 to 87.70): VN059395.D (-1889) (-)



#48

Methyl methacrylate

Concen: 1.174 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.02 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

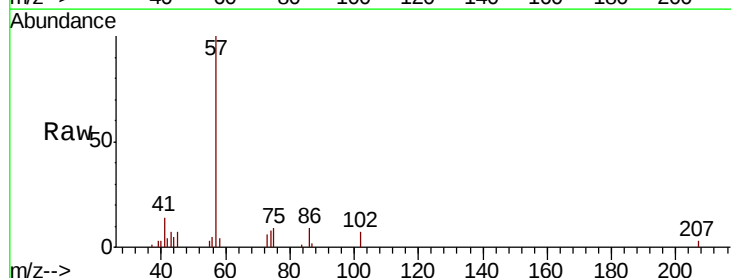
Tgt Ion: 41 Resp: 4883

Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

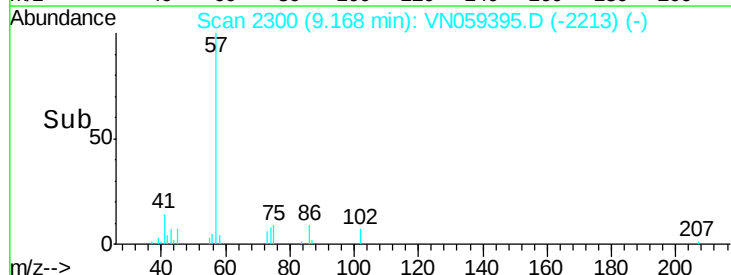
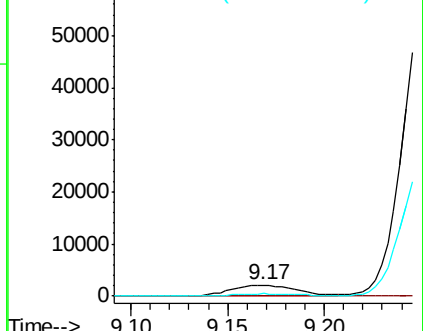
39 0.0 42.1 63.1#

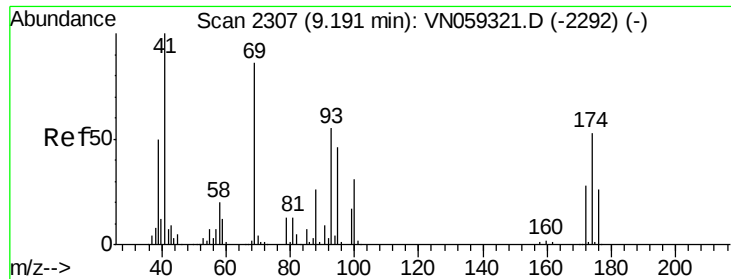


Abundance Ion 41.00 (40.70 to 41.70): VN059395.D (-2213) (-)

Ion 69.00 (68.70 to 69.70): VN059395.D (-2213) (-)

Ion 39.00 (38.70 to 39.70): VN059395.D (-2213) (-)





#49

1,4-Dioxane

Concen: 0.480 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.06 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_N

ClientSampleId :

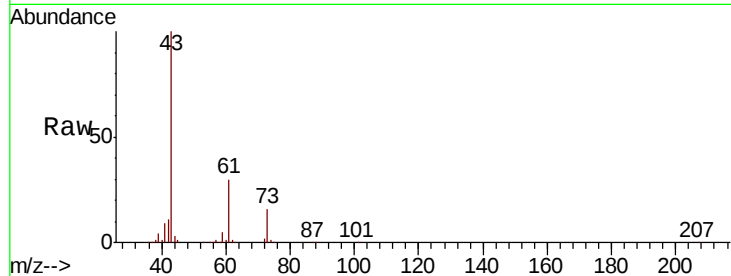
Tot Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 4508566.7 26.9 40.3#

58 17886.7 59.2 88.8#



Abundance Ion 88.00 (87.70 to 88.70): VN059395.D (-2213) (-)

Ion 43.00 (42.70 to 43.70): VN059395.D (-2213) (-)

Ion 58.00 (57.70 to 58.70): VN059395.D (-2213) (-)

1000000

800000

600000

400000

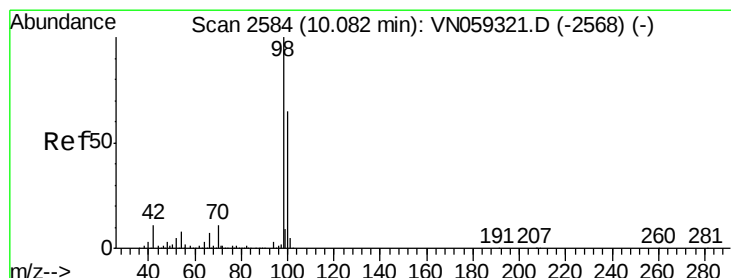
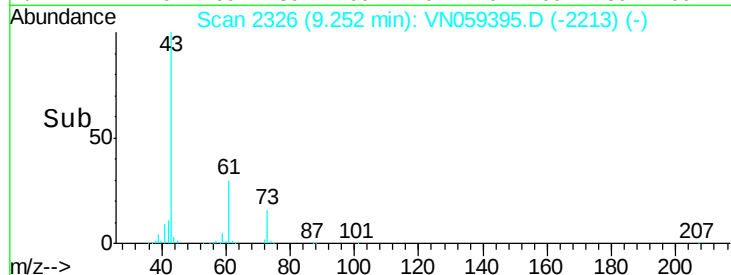
200000

0

9.24 9.24 9.25 9.26 9.26

9.25

Time-->



#50

Toluene-d8

Concen: 51.447 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059395.D

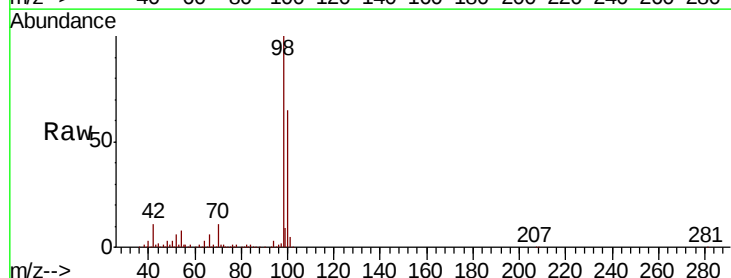
Acq: 25 Nov 2019 19:51

Tgt Ion: 98 Resp: 662159

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN059395.D (-2491) (-)

Ion 100.00 (99.70 to 100.70): VN059395.D (-2491) (-)

400000

300000

200000

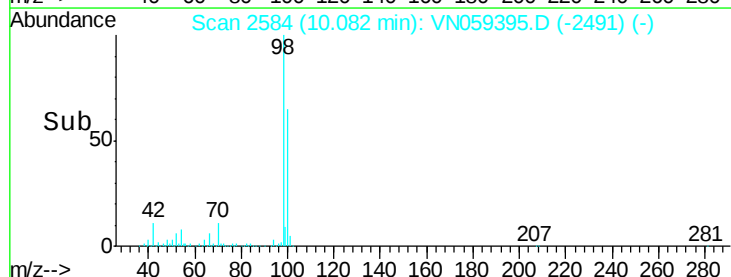
100000

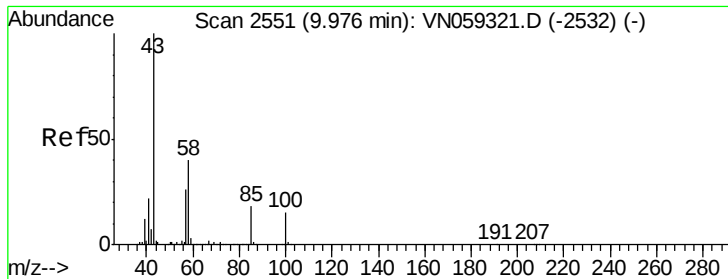
0

10.00 10.00 10.01 10.02 10.02

10.08

Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.767 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_N

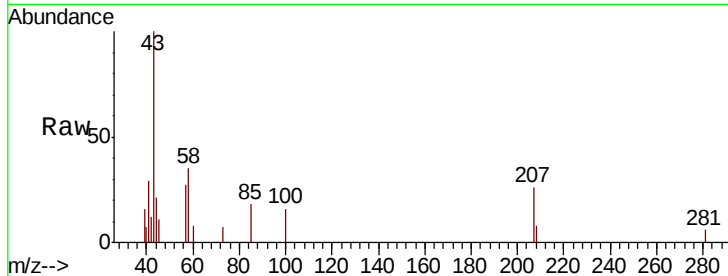
ClientSampled :

Tot Ion: 43 Resp: 4110

Ion Ratio Lower Upper

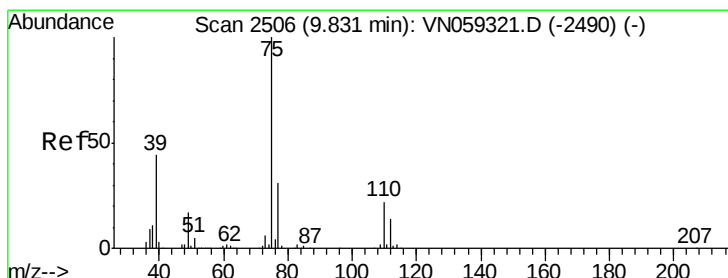
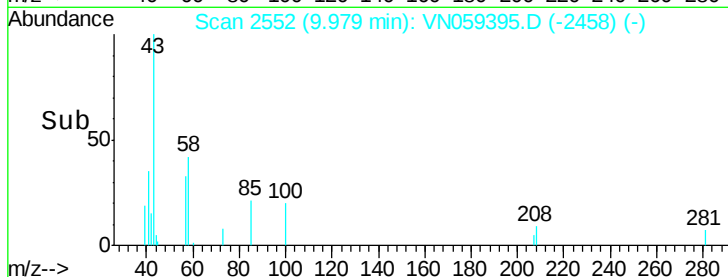
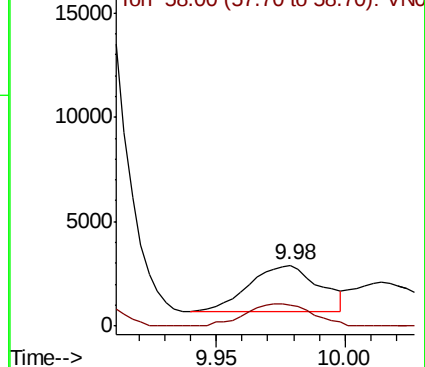
43 100

58 46.8 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.694 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

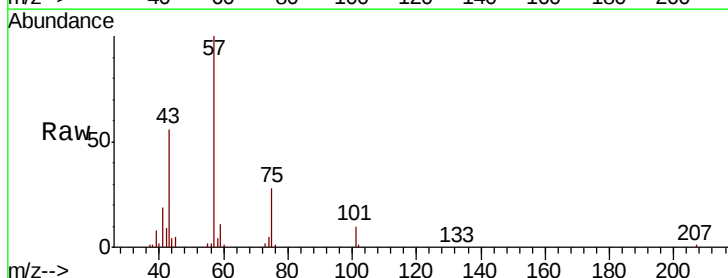
Tgt Ion: 75 Resp: 31711

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

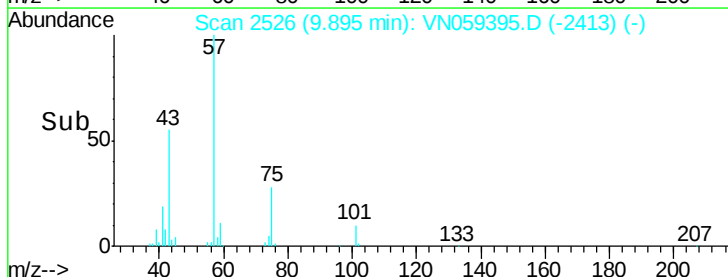
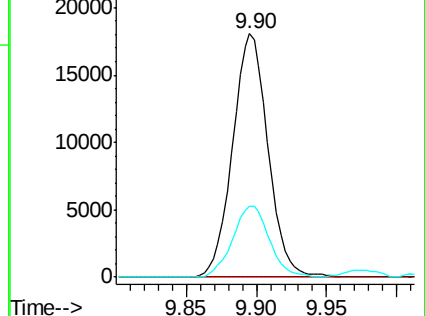
39 29.3 35.5 53.3#

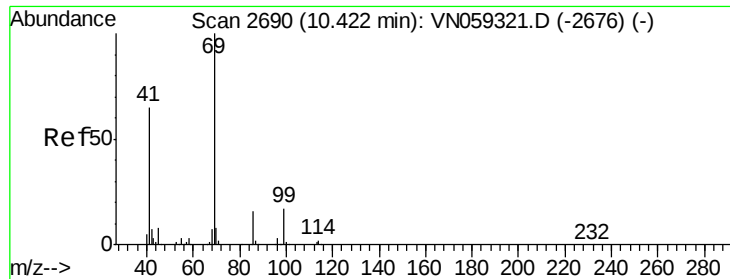


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.316 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. 0.11 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_N

ClientSampleId :

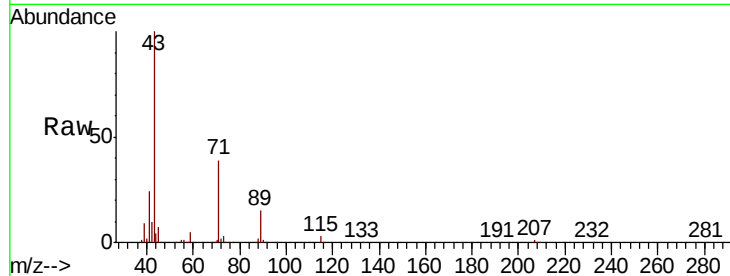
Tot Ion: 69 Resp: 832

Ion Ratio Lower Upper

69 100

41 6426.0 51.7 77.5#

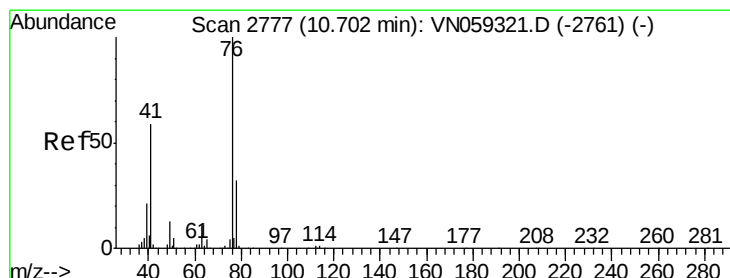
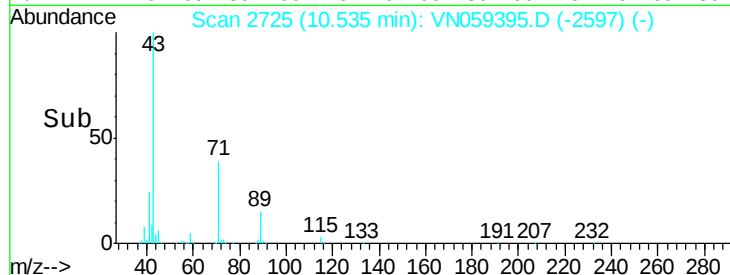
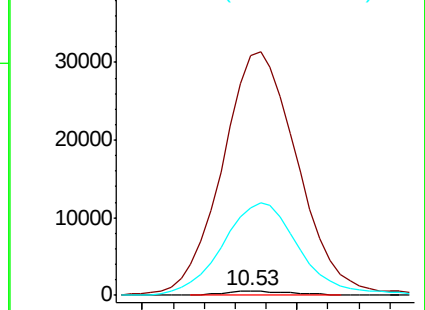
39 2474.0 25.2 37.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.882 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059395.D

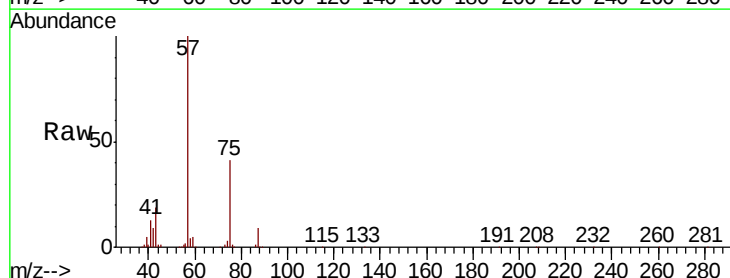
Acq: 25 Nov 2019 19:51

Tgt Ion: 76 Resp: 5875

Ion Ratio Lower Upper

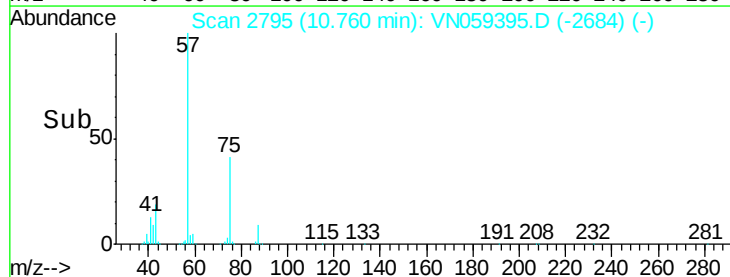
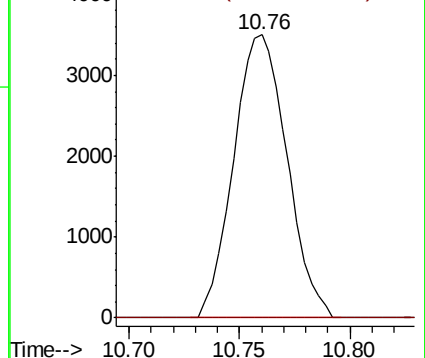
76 100

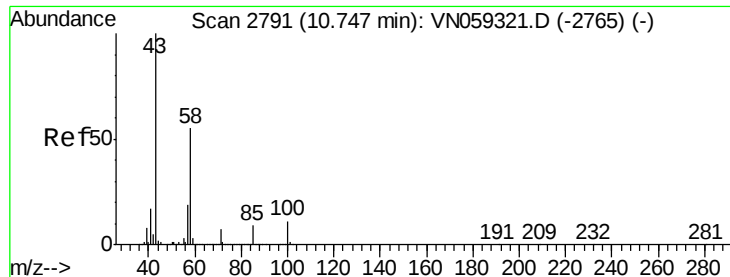
78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

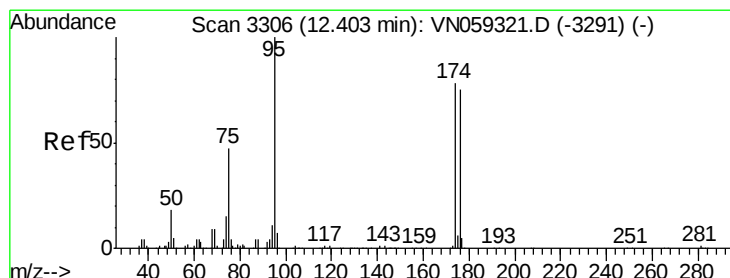
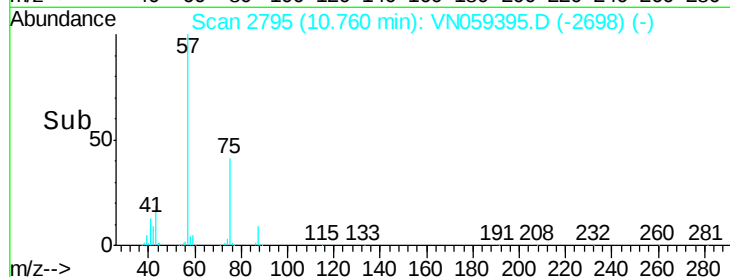
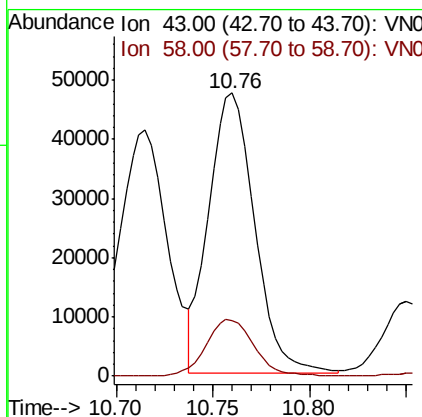
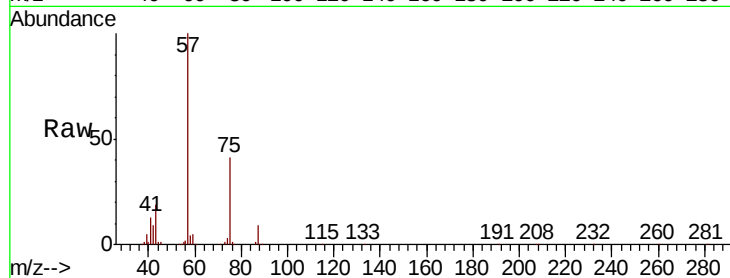




#59
2-Hexanone
Concen: 20.058 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN059395.D
Acq: 25 Nov 2019 19:51

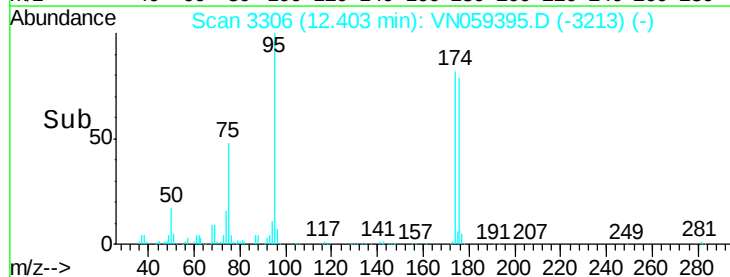
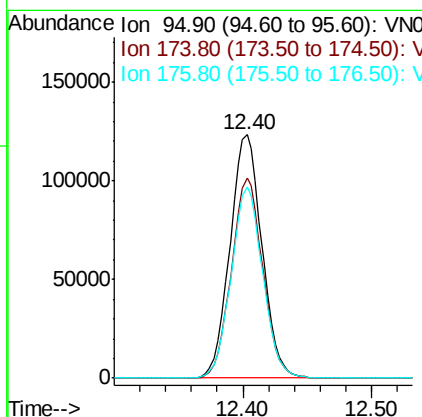
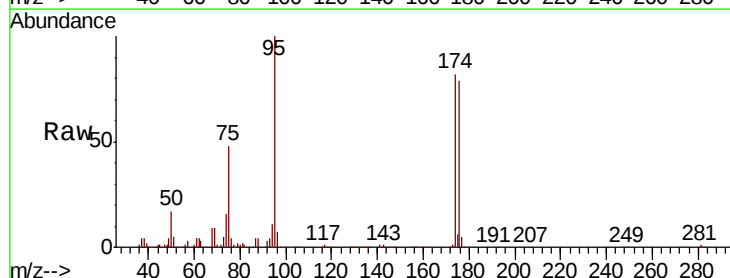
Instrument :
MSVOA_N
ClientSampleId :

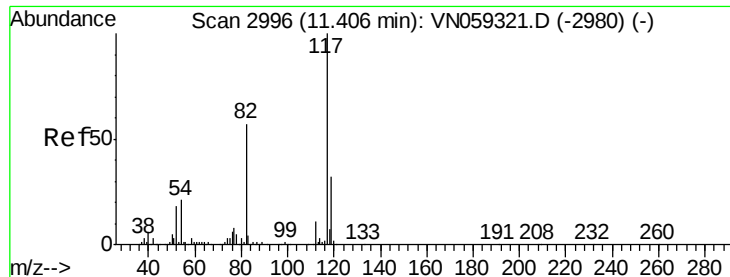
Tot Ion: 43 Resp: 78663
Ion Ratio Lower Upper
43 100
58 21.0 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 47.170 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN059395.D
Acq: 25 Nov 2019 19:51

Tgt Ion: 95 Resp: 212277
Ion Ratio Lower Upper
95 100
174 80.8 0.0 157.4
176 77.8 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_N

ClientSampleId :

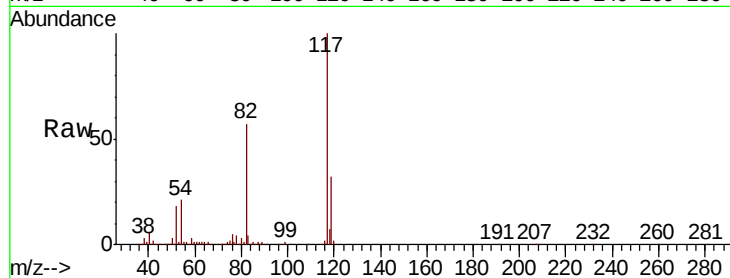
Tot Ion:117 Resp: 476938

Ion Ratio Lower Upper

117 100

82 57.1 45.7 68.5

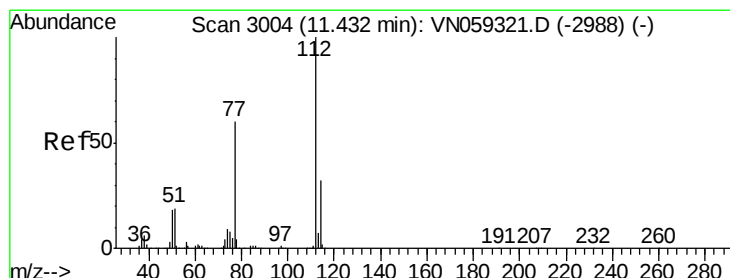
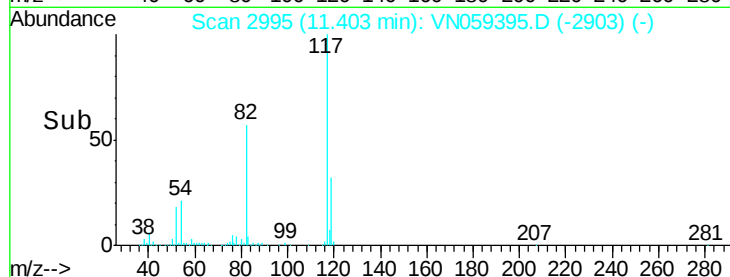
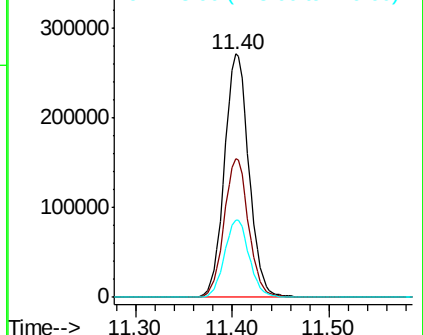
119 31.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 0.277 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN059395.D

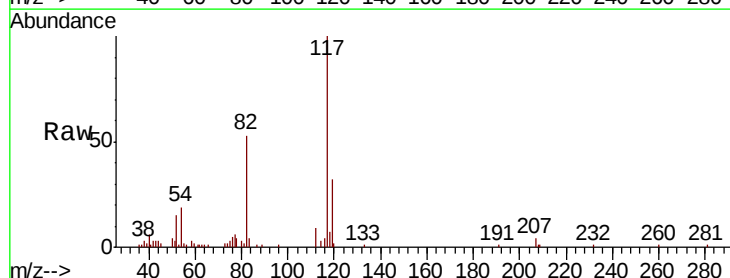
Acq: 25 Nov 2019 19:51

Tgt Ion:112 Resp: 2836

Ion Ratio Lower Upper

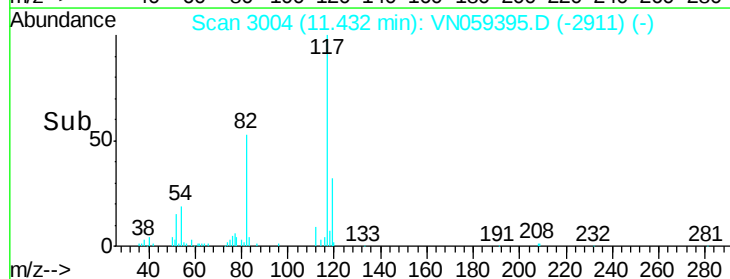
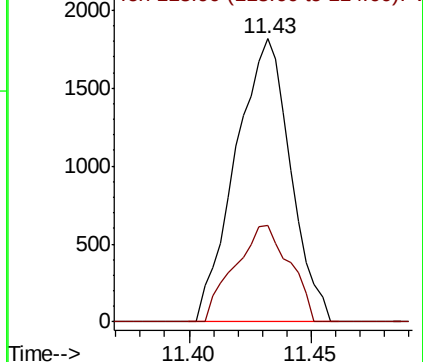
112 100

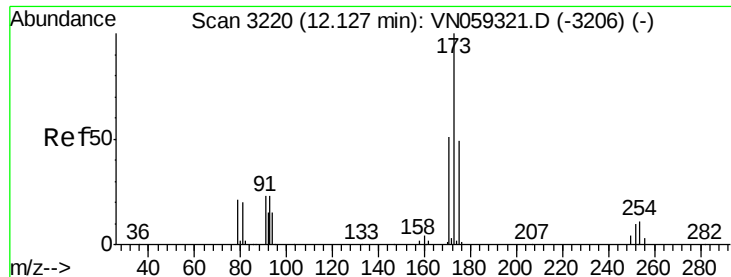
114 34.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 0.343 ug/l

RT: 12.41 min Scan# 3308

Delta R.T. 0.28 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_N

ClientSampled :

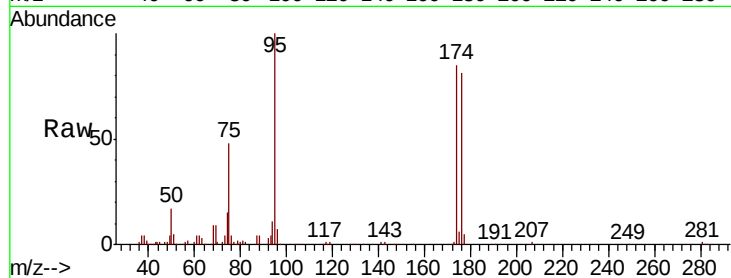
Tot Ion:173 Resp: 969

Ion Ratio Lower Upper

173 100

175 1075.1 24.6 73.6#

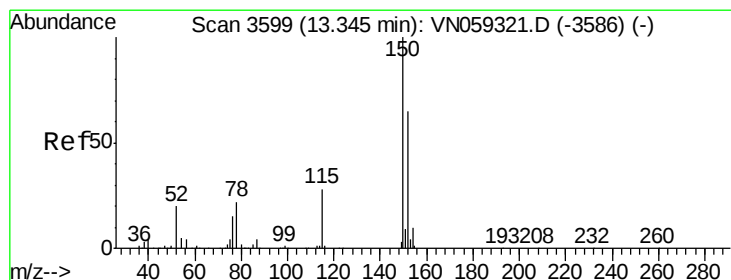
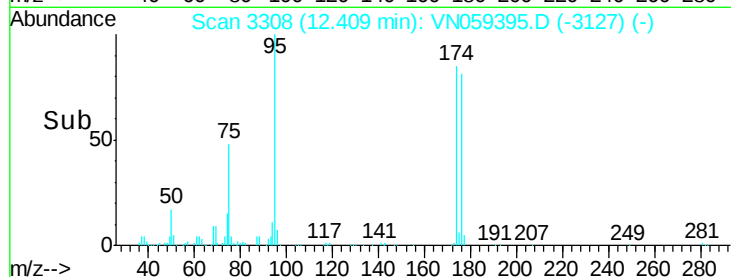
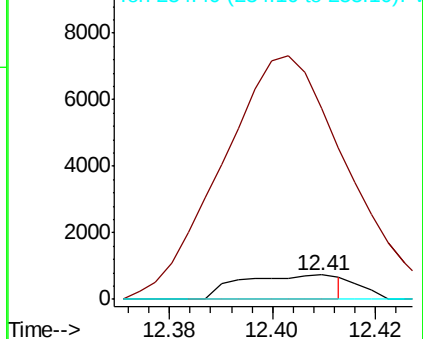
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

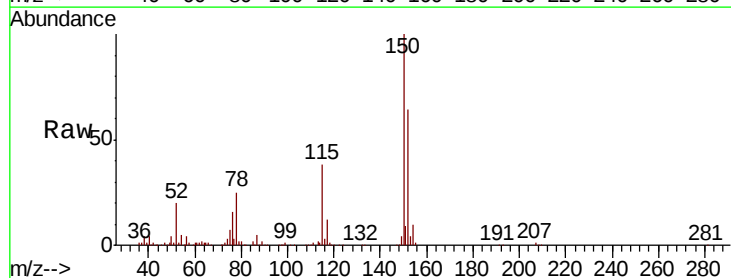
Tgt Ion:152 Resp: 182805

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

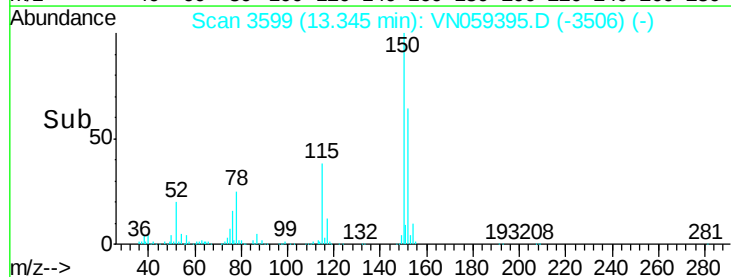
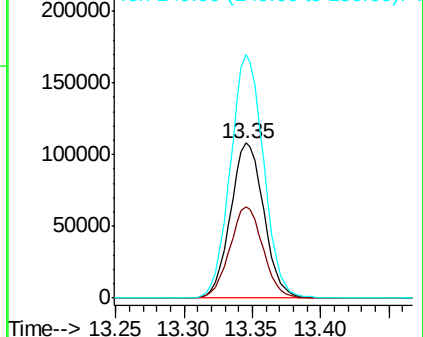
150 156.7 0.0 346.0

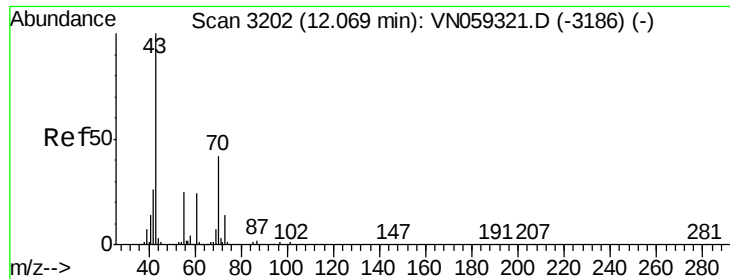


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.583 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 3507

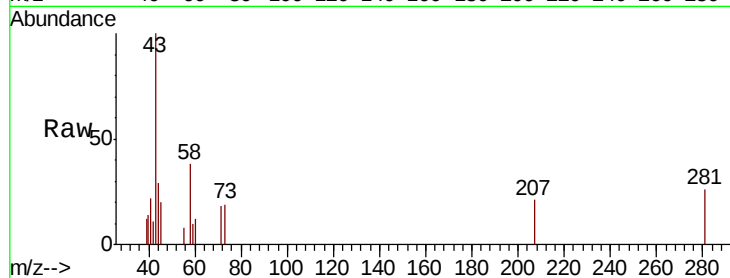
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 0.0 20.3 30.5#

61 0.0 19.9 29.9#

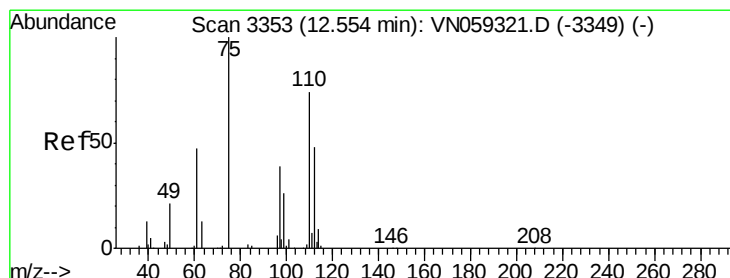
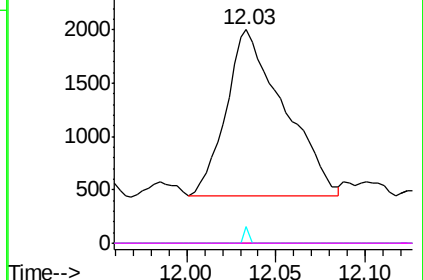
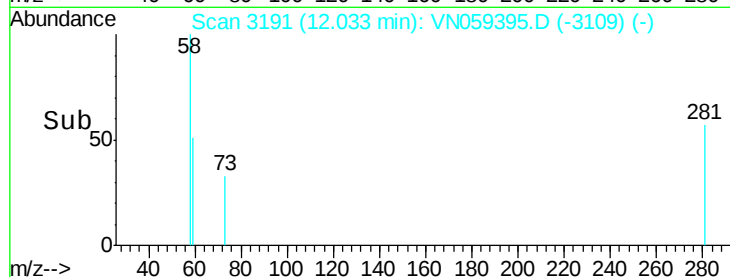


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 24.212 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059395.D

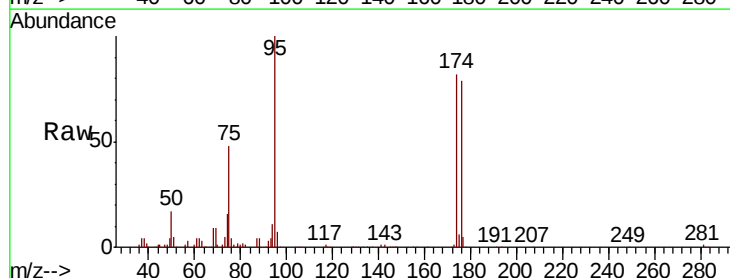
Acq: 25 Nov 2019 19:51

Tgt Ion: 75 Resp: 102253

Ion Ratio Lower Upper

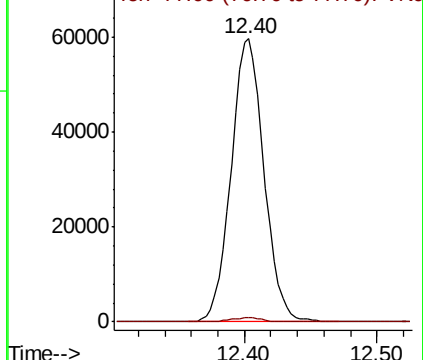
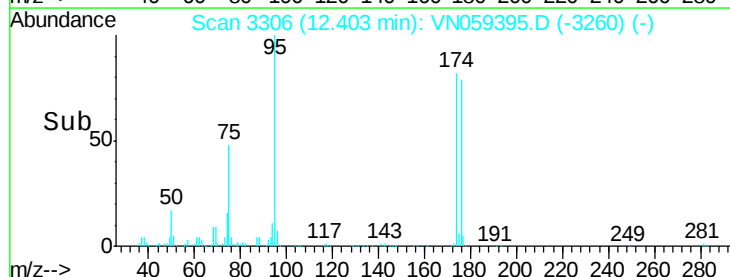
75 100

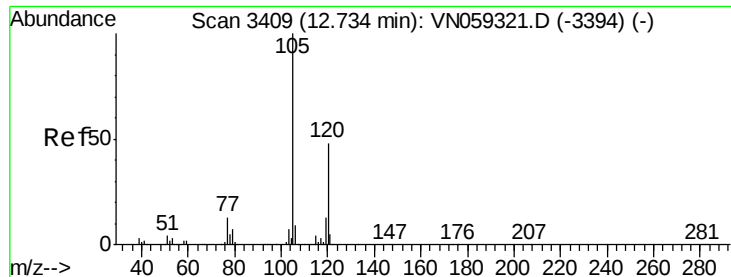
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.300 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_N

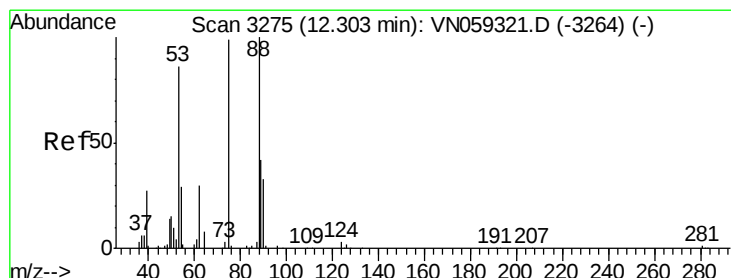
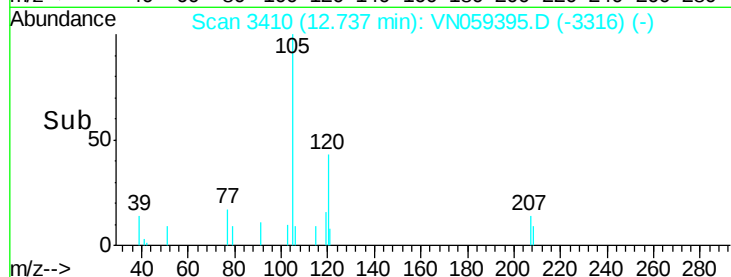
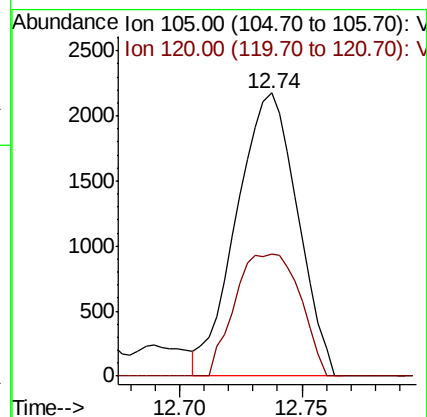
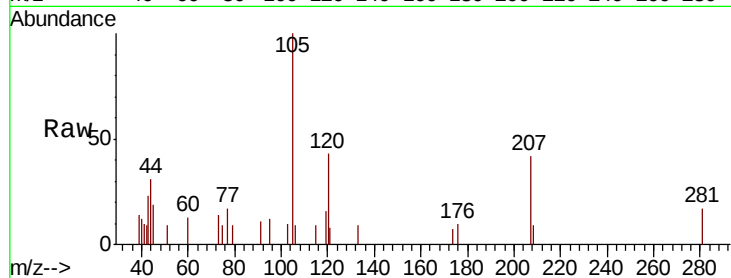
ClientSampleId :

Tot Ion:105 Resp: 3777

Ion Ratio Lower Upper

105 100

120 46.0 24.1 72.4



#81

trans-1,4-Dichloro-2-butene

Concen: 60.558 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

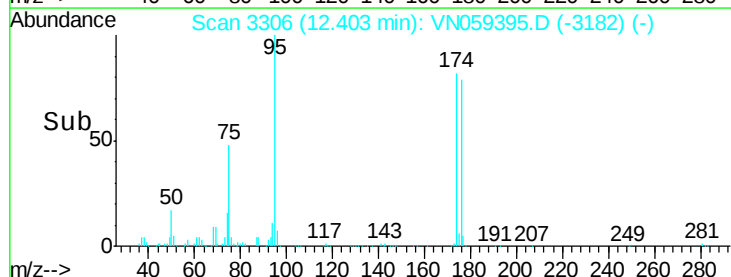
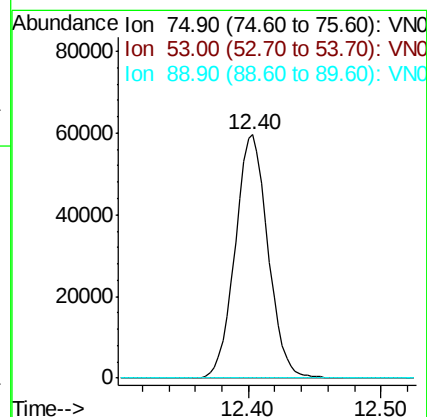
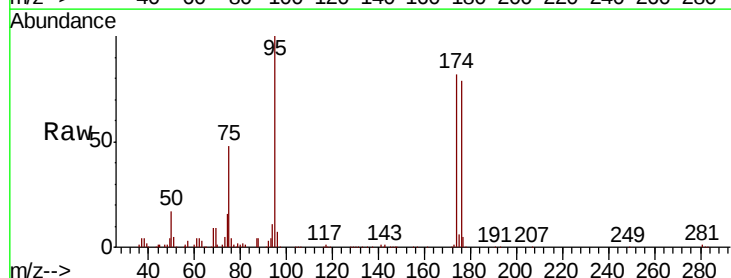
Tgt Ion: 75 Resp: 102253

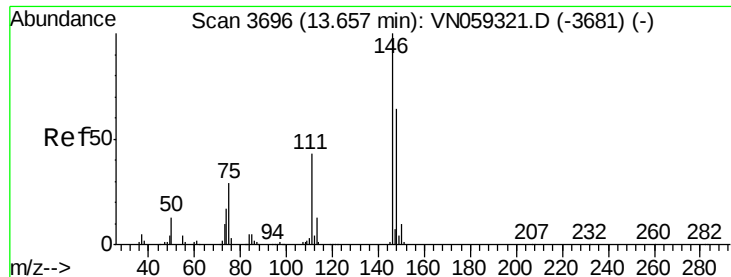
Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

89 0.0 35.4 53.0#





#91

1,2-Dichlorobenzene

Concen: 0.318 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_N

ClientSampled :

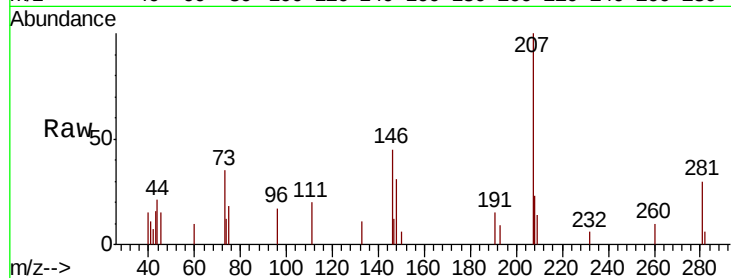
Tot Ion:146 Resp: 1991

Ion Ratio Lower Upper

146 100

111 43.8 21.3 64.0

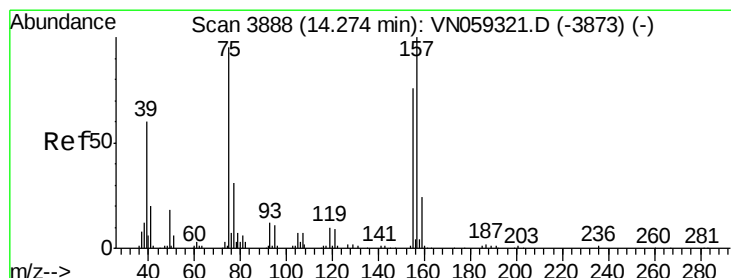
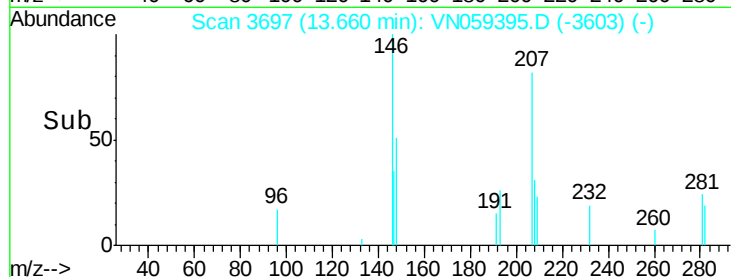
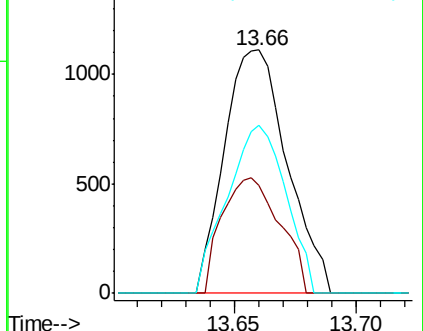
148 64.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.239 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.03 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

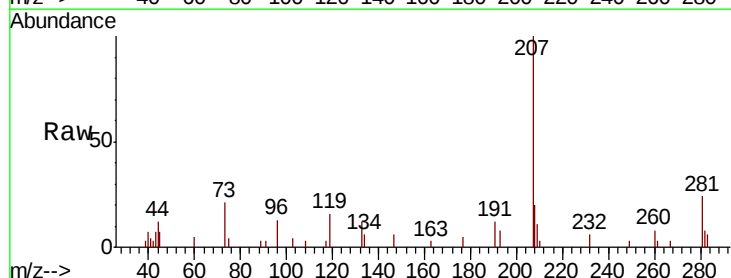
Tgt Ion: 75 Resp: 252

Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

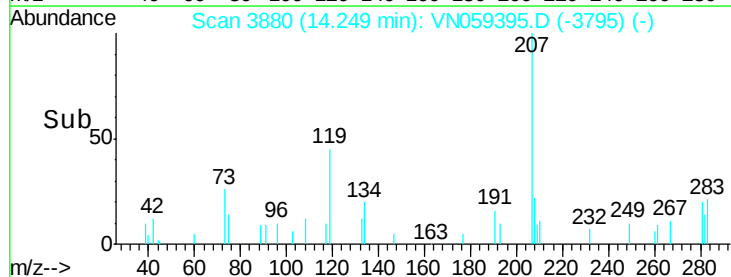
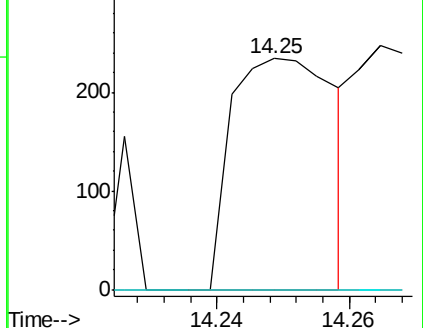
157 0.0 52.7 158.1#

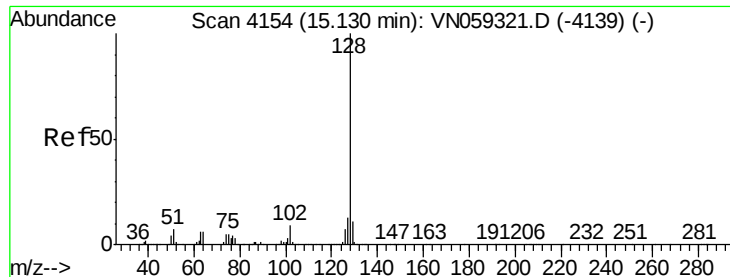


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 3.676 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

Instrument :

MSVOA_N

ClientSampleId :

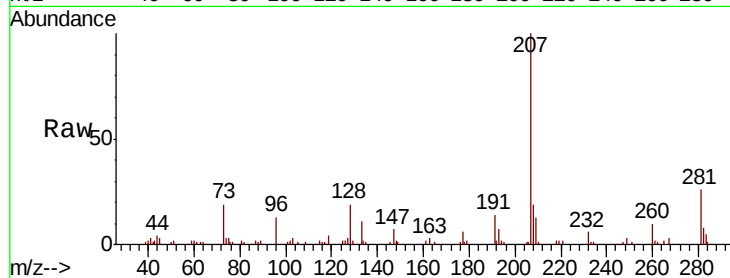
Tot Ion:128 Resp: 5844

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.2

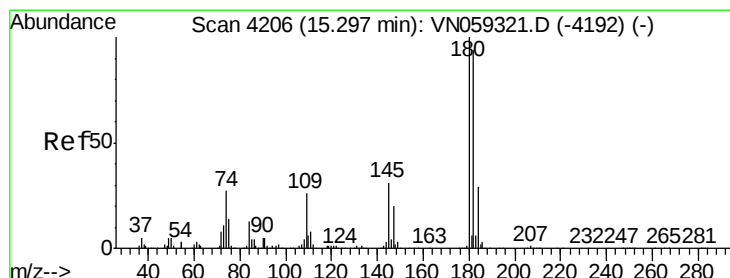
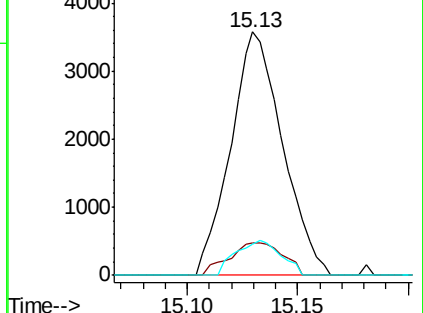
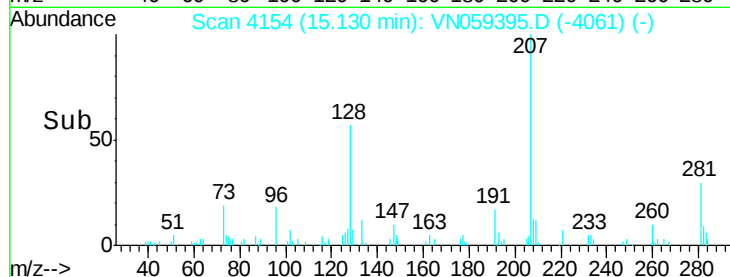
129 12.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.977 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. -0.00 min

Lab File: VN059395.D

Acq: 25 Nov 2019 19:51

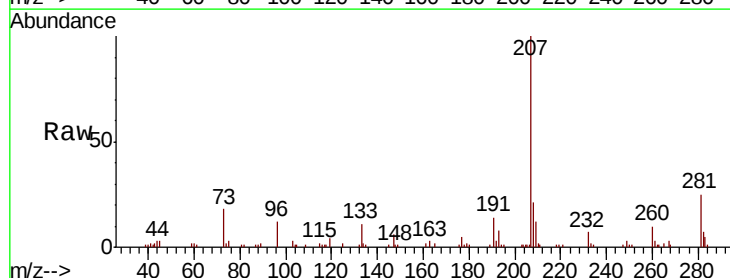
Tgt Ion:180 Resp: 300

Ion Ratio Lower Upper

180 100

182 0.0 47.1 141.4#

145 85.7 15.6 46.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

