

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055506.D
 Acq On : 9 May 2019 18:59
 Operator : JC/SP
 Sample : K2750-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11995

Quant Time: May 10 04:16:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	878178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1499117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1245980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	363228	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	609187	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	
35) Dibromofluoromethane	7.59	113	463435	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	10.09	98	1818617	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.40	95	530474	41.75	ug/l	0.00
Spiked Amount			Recovery	=	83.50%	

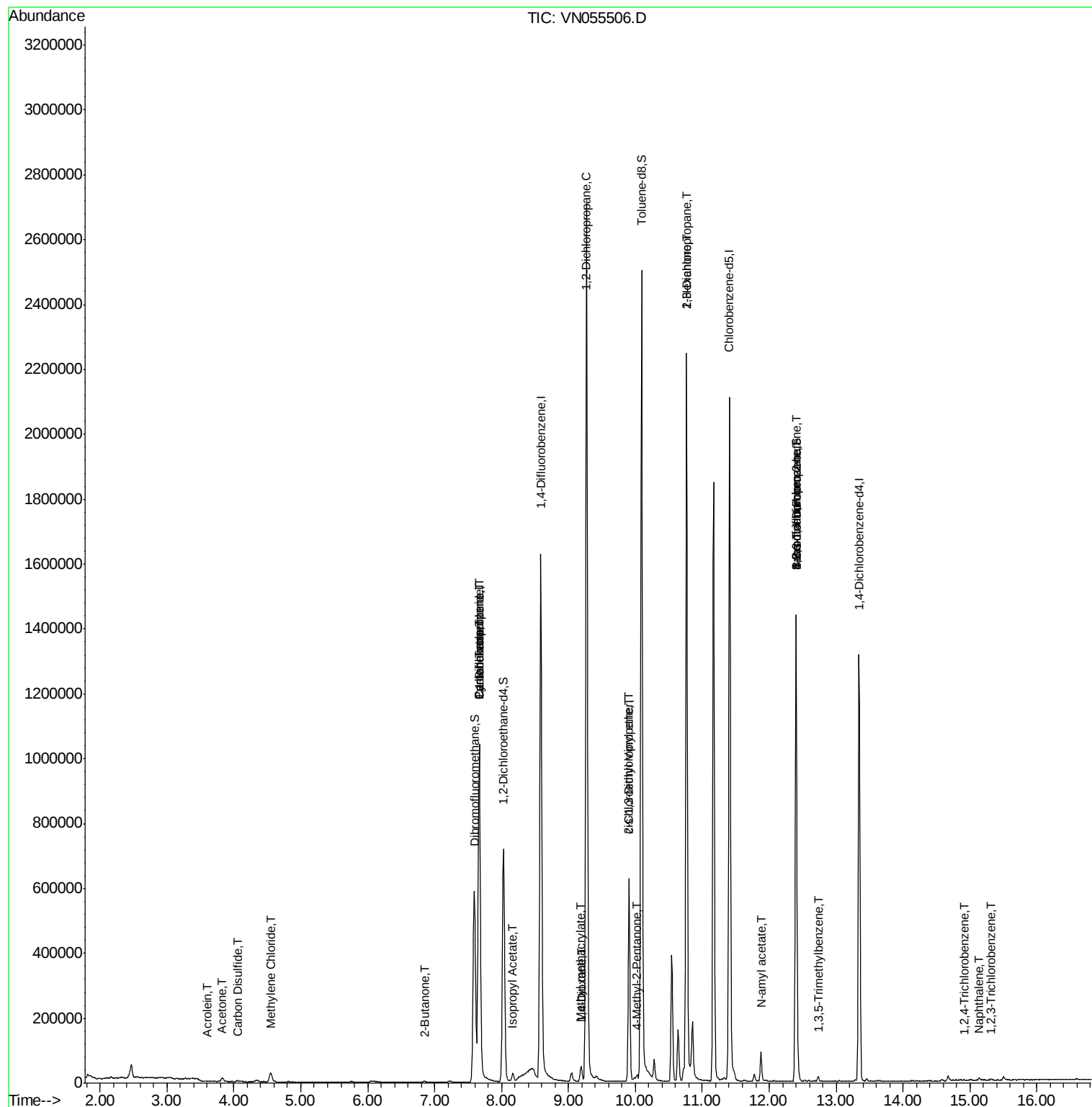
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	315	0.242	ug/l	100
16) Acetone	3.83	43	17696	2.890	ug/l	98
17) Carbon Disulfide	4.05	76	7001	0.267	ug/l #	86
18) Methyl Acetate	4.34	43	10746	Below Cal	#	79
20) Methylene Chloride	4.55	84	19283	1.540	ug/l	95
25) 2-Butanone	6.85	43	2949	0.349	ug/l	98
31) Cyclohexane	7.66	56	19022	0.891	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	70678	4.786	ug/l #	50
38) Carbon Tetrachloride	7.66	117	85126	6.845	ug/l #	15
43) Isopropyl Acetate	8.17	43	27680	1.131	ug/l #	92
45) 1,2-Dichloropropane	9.27	63	3383	0.258	ug/l #	45
48) Methyl methacrylate	9.18	41	17398	1.475	ug/l #	16
49) 1,4-Dioxane	9.20	88	83	0.361	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	18191	1.130	ug/l #	38
54) cis-1,3-Dichloropropene	9.90	75	108304	6.489	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	23589	1.251	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	440	12.590	ug/l #	52
59) 2-Hexanone	10.76	43	342261	30.318	ug/l #	53
71) Bromoform	12.40	173	3956	0.664	ug/l #	1
73) Isopropylbenzene	12.25	105	951	Below Cal	#	49
74) N-amyl acetate	11.88	43	30002	2.176	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.51	83	72	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	264898	26.789	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6473	0.223	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	264898	98.848	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.91	180	869	3.356	ug/l	88
94) Hexachlorobutadiene	15.00	225	354	Below Cal		80
95) Naphthalene	15.13	128	5798	3.297	ug/l	95
96) 1,2,3-Trichlorobenzene	15.32	180	1256	2.628	ug/l	71

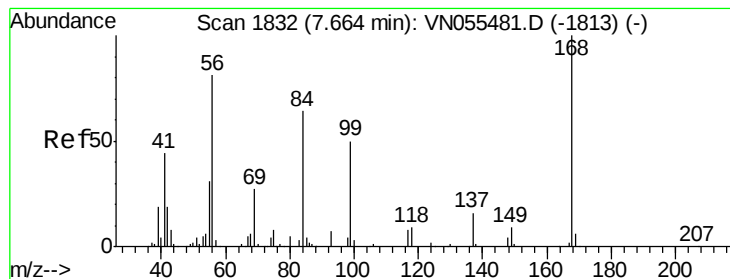
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

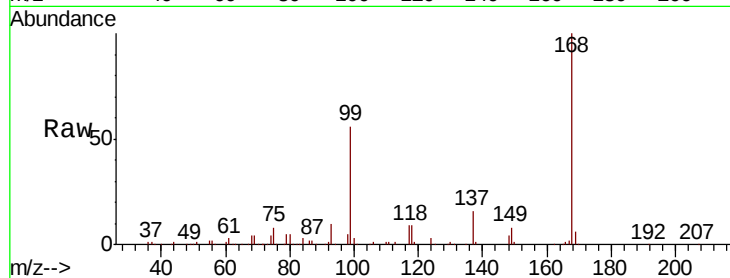
72-11995

Tot Ion:168 Resp: 878178

Ion Ratio Lower Upper

168 100

99 56.3 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): VN055506.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055506.D (-1739) (-)

7.67

400000

300000

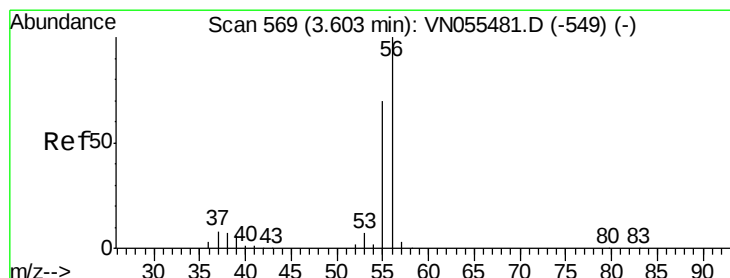
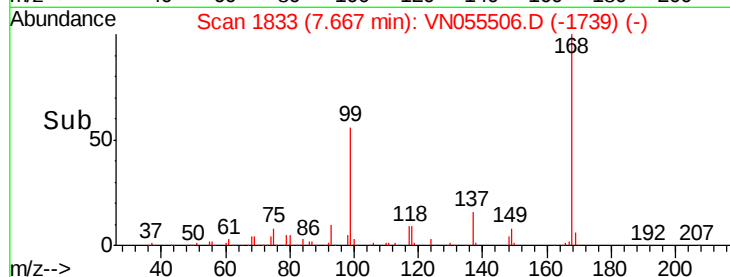
200000

100000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 0.242 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN055506.D

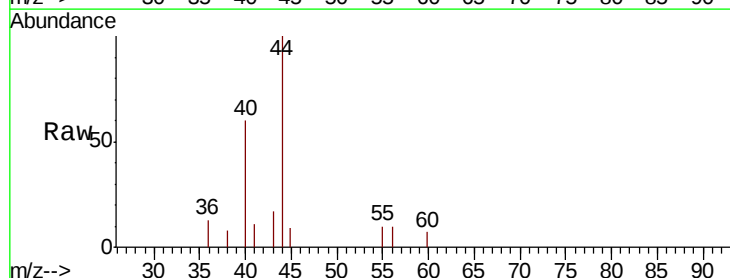
Acq: 9 May 2019 18:59

Tgt Ion: 56 Resp: 315

Ion Ratio Lower Upper

56 100

55 72.1 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN055506.D (-476) (-)

Ion 55.00 (54.70 to 55.70): VN055506.D (-476) (-)

3.60

300

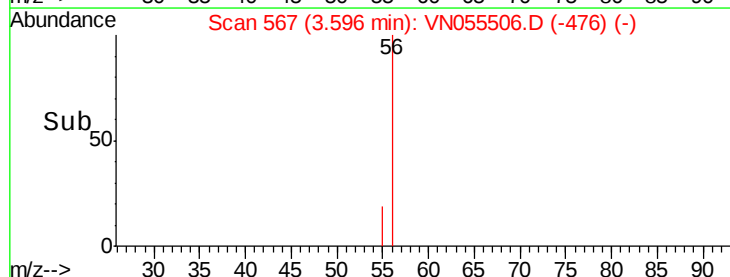
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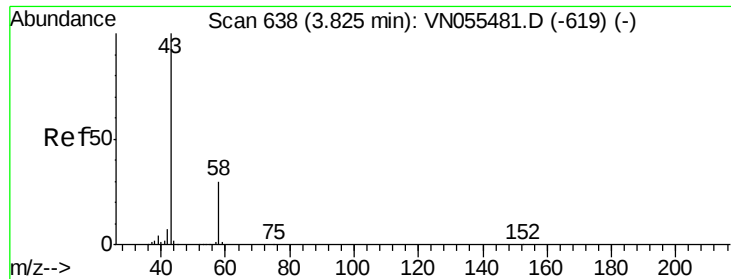
100

0

3.58 3.60 3.62

Time-->





#16

Acetone

Concen: 2.890 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

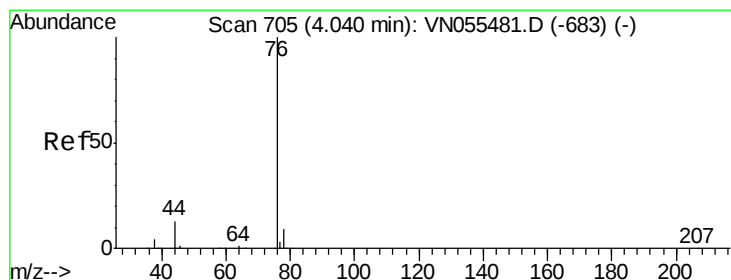
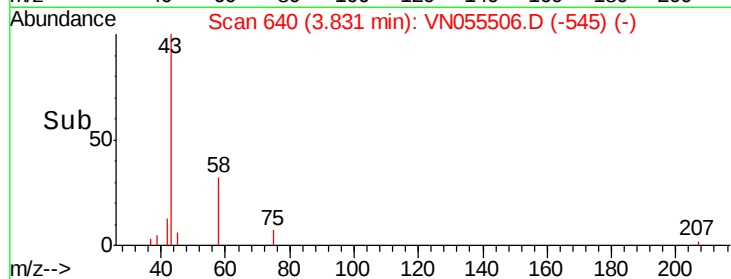
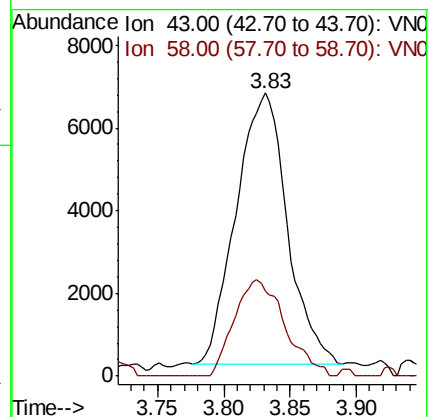
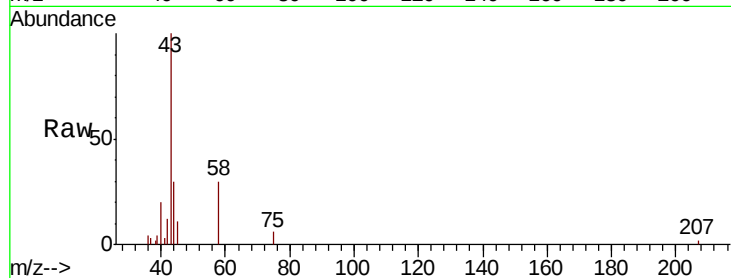
72-11995

Tot Ion: 43 Resp: 17696

Ion Ratio Lower Upper

43 100

58 31.2 24.2 36.2



#17

Carbon Disulfide

Concen: 0.267 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.01 min

Lab File: VN055506.D

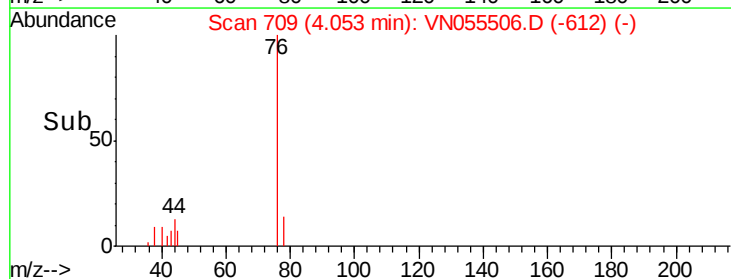
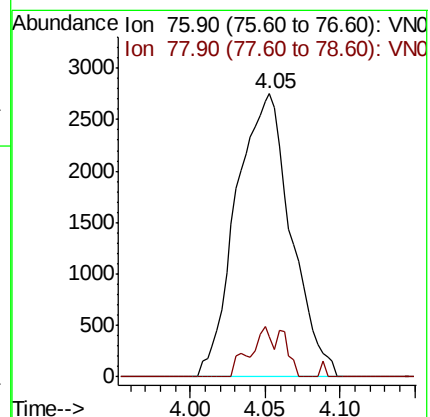
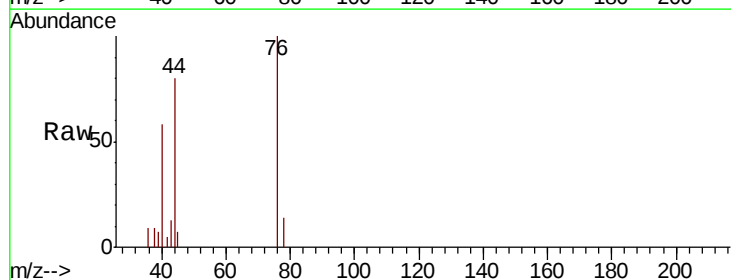
Acq: 9 May 2019 18:59

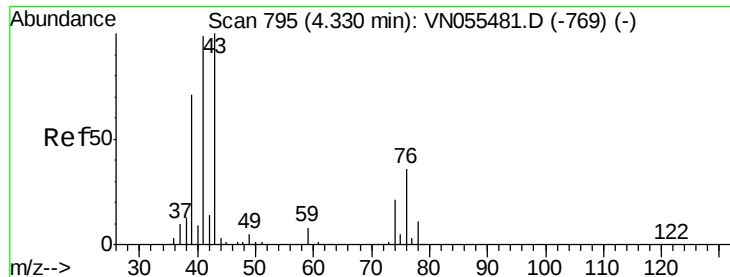
Tgt Ion: 76 Resp: 7001

Ion Ratio Lower Upper

76 100

78 14.2 7.4 11.0#

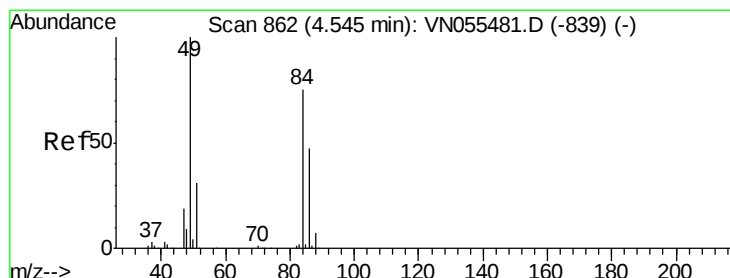
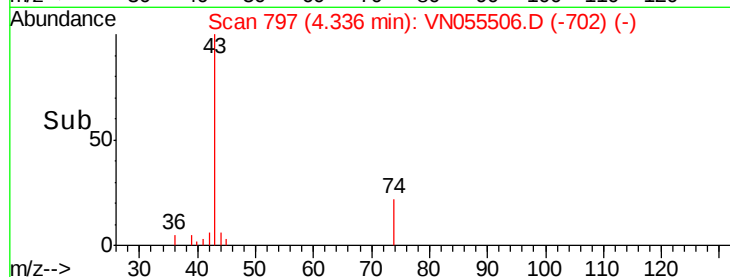
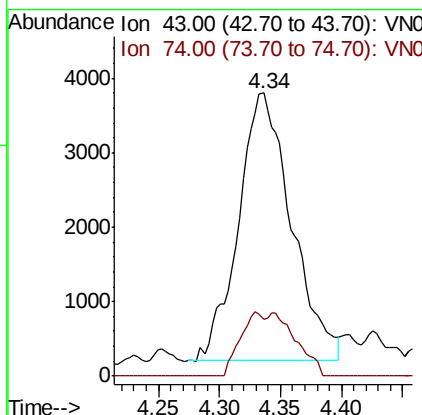
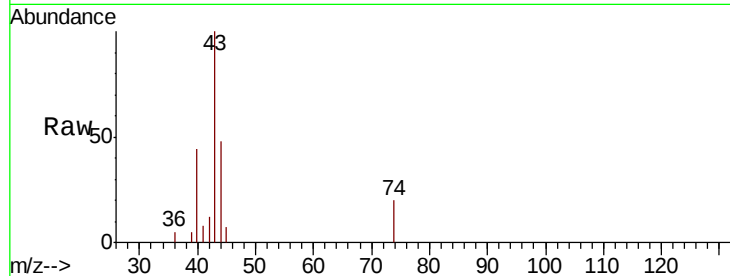




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055506.D
Acq: 9 May 2019 18:59

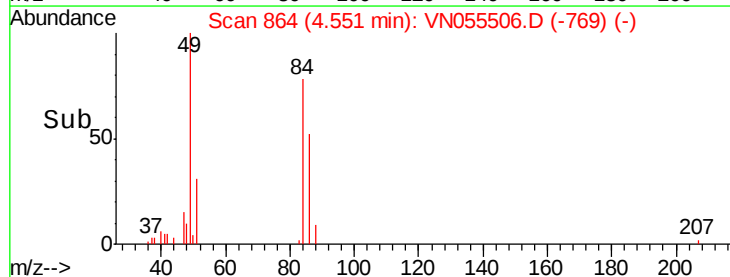
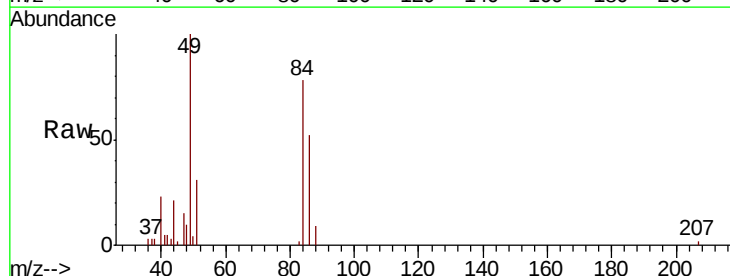
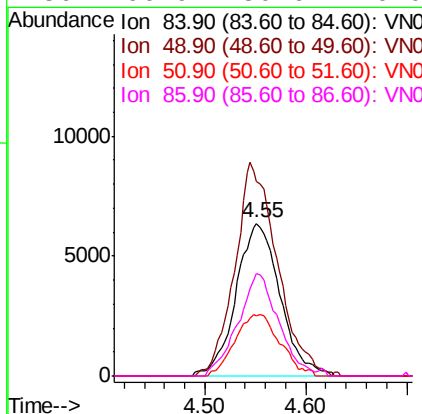
Instrument :
MSVOA_N
ClientSampled :
72-11995

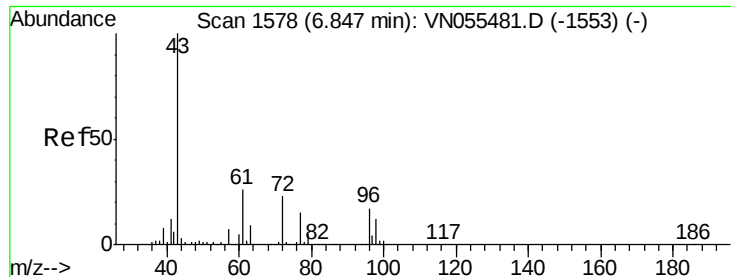
Tot Ion: 43 Resp: 10746
Ion Ratio Lower Upper
43 100
74 10.6 16.3 24.5#



#20
Methylene Chloride
Concen: 1.540 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN055506.D
Acq: 9 May 2019 18:59

Tgt Ion: 84 Resp: 19283
Ion Ratio Lower Upper
84 100
49 127.6 107.0 160.6
51 39.6 33.0 49.4
86 66.9 50.6 76.0





#25

2-Butanone

Concen: 0.349 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

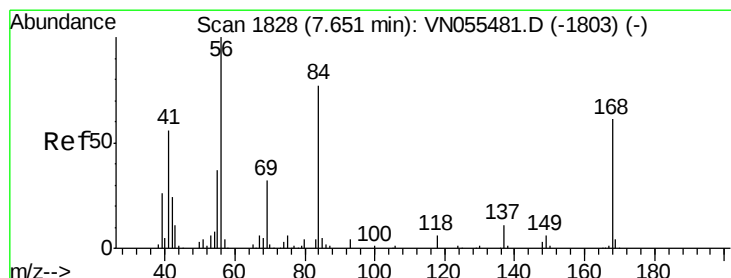
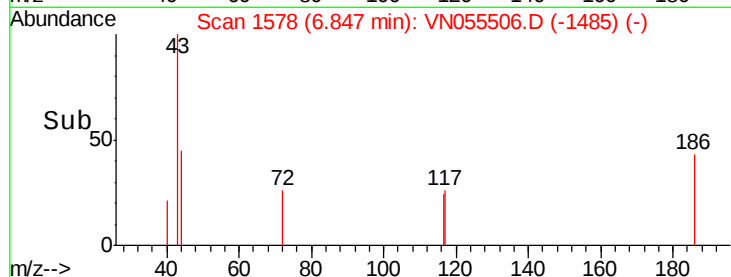
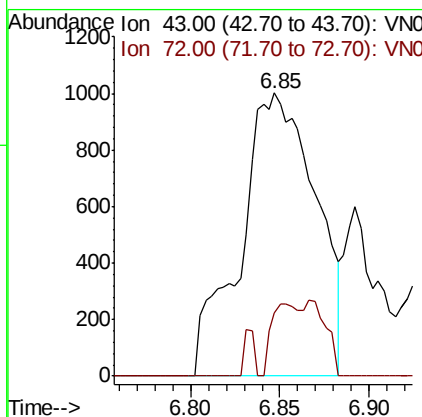
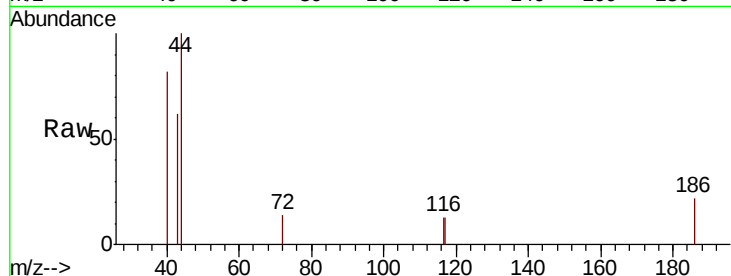
72-11995

Tot Ion: 43 Resp: 2949

Ion Ratio Lower Upper

43 100

72 22.2 18.6 27.8



#31

Cyclohexane

Concen: 0.891 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

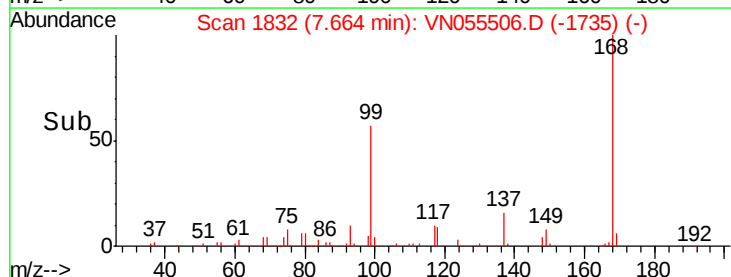
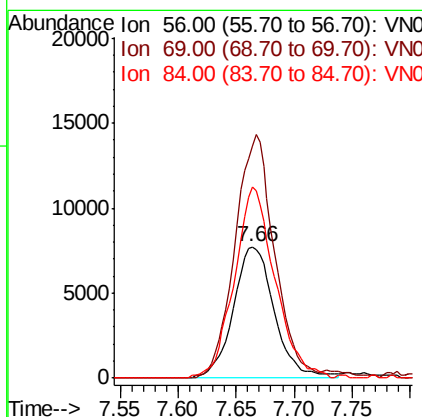
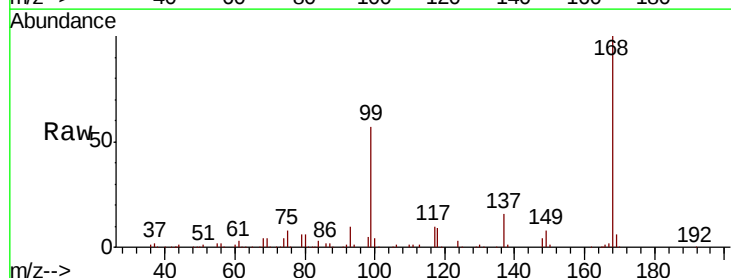
Tgt Ion: 56 Resp: 19022

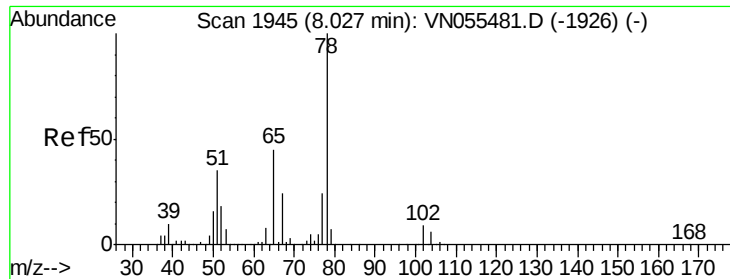
Ion Ratio Lower Upper

56 100

69 176.7 26.0 39.0#

84 145.1 61.9 92.9#

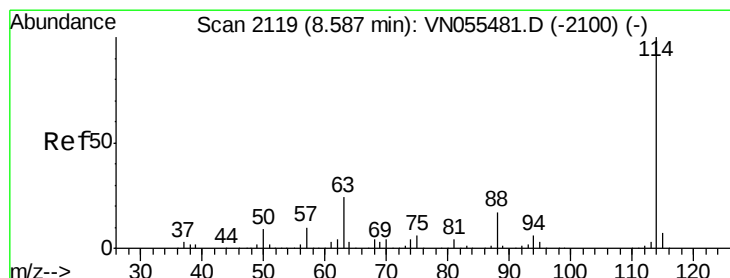
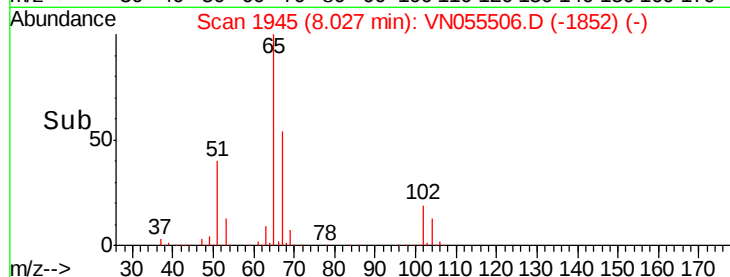
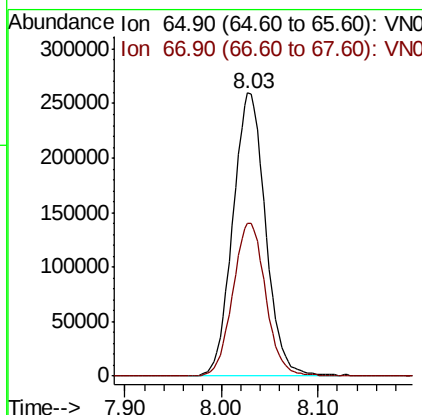
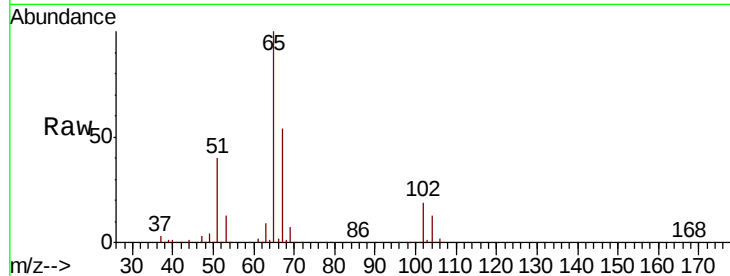




#33
 1,2-Dichloroethane-d4
 Concen: 46.072 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055506.D
 Acq: 9 May 2019 18:59

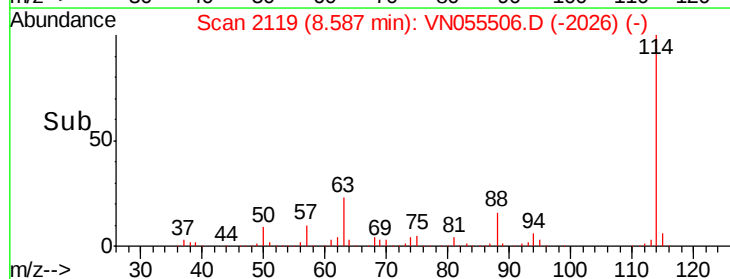
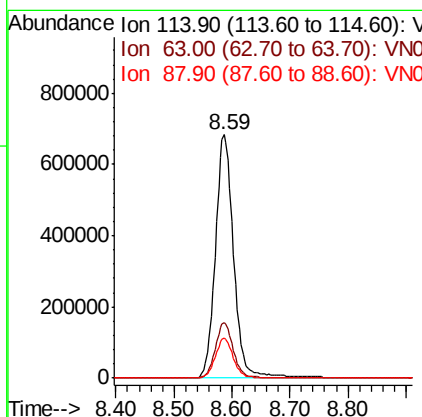
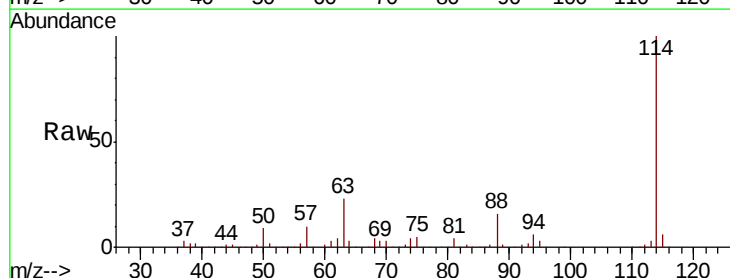
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11995

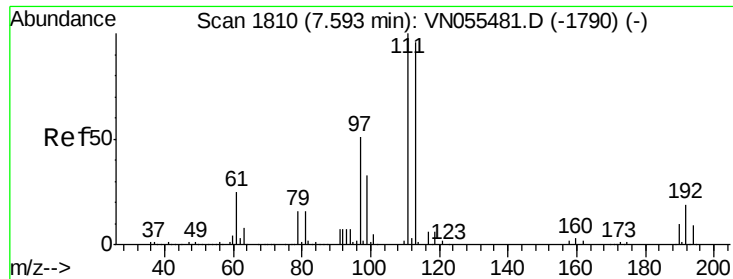
Tot Ion: 65 Resp: 609187
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055506.D
 Acq: 9 May 2019 18:59

Tgt Ion: 114 Resp: 1499117
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.4
 88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.923 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

72-11995

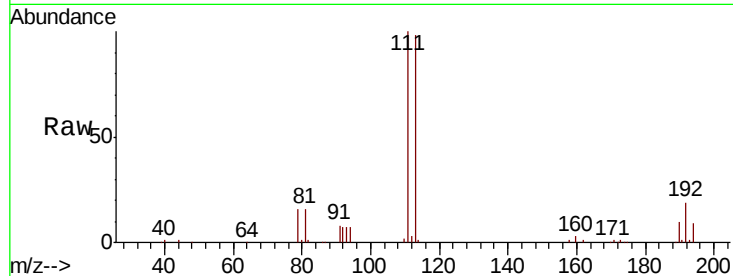
Tot Ion:113 Resp: 463435

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

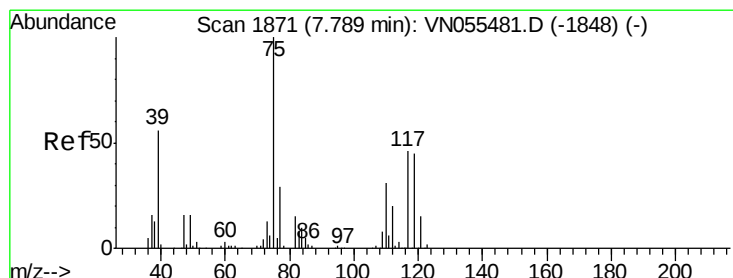
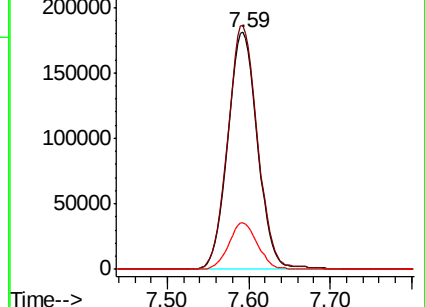
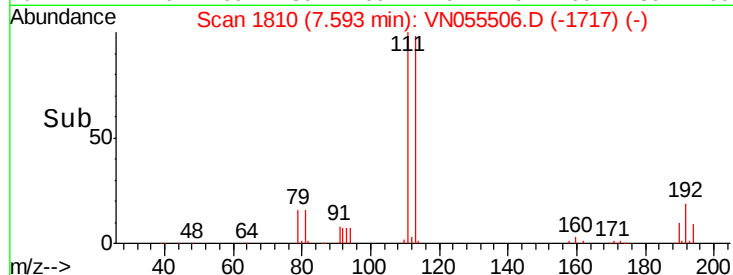
192 18.9 15.6 23.4



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: 4.786 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

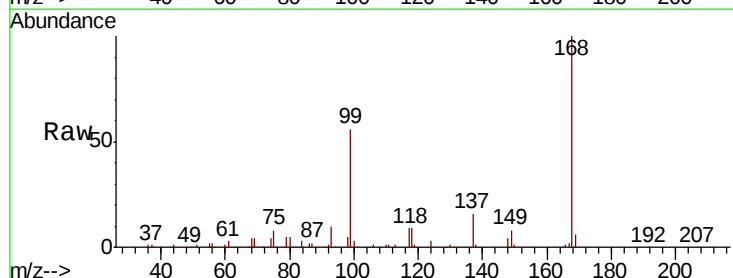
Tgt Ion: 75 Resp: 70678

Ion Ratio Lower Upper

75 100

110 7.9 16.1 48.3#

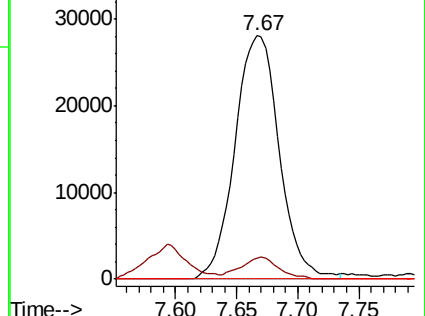
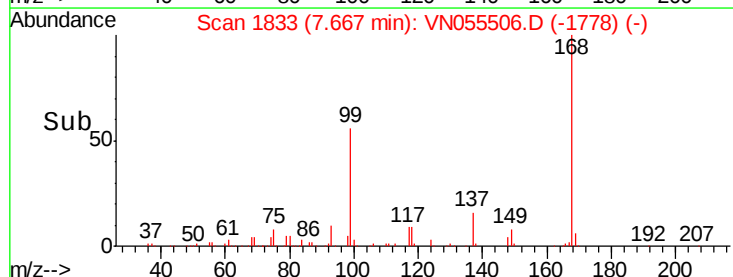
77 0.0 24.6 37.0#

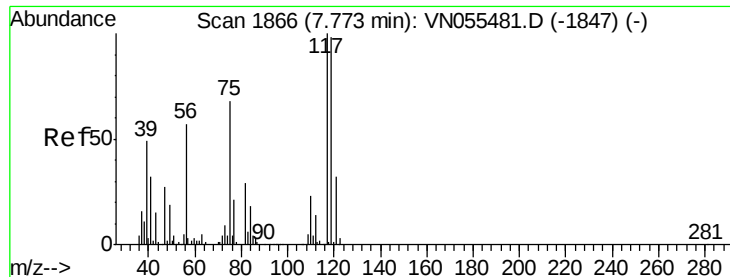


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

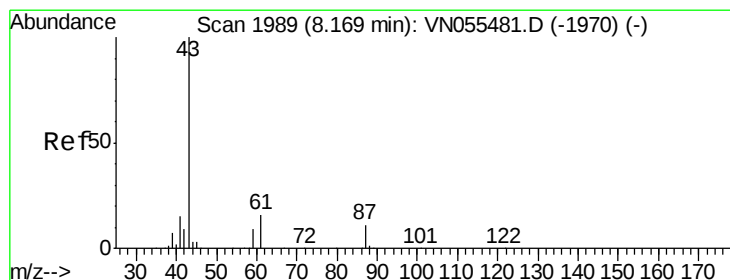
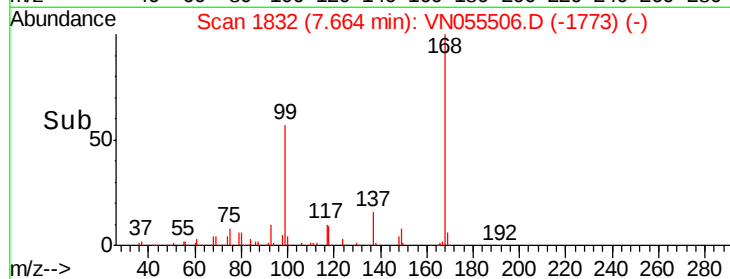
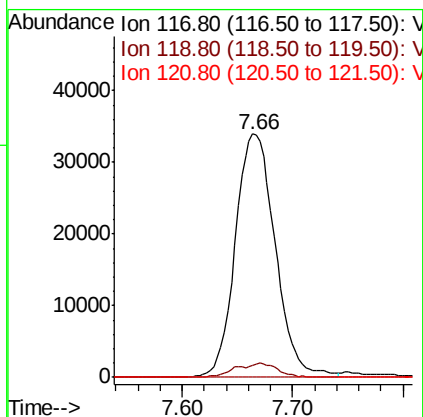
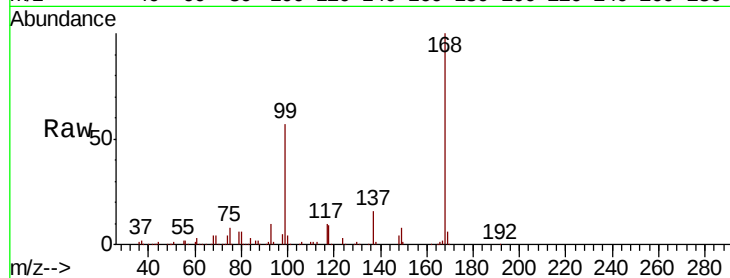




#38
Carbon Tetrachloride
Concen: 6.845 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055506.D
Acq: 9 May 2019 18:59

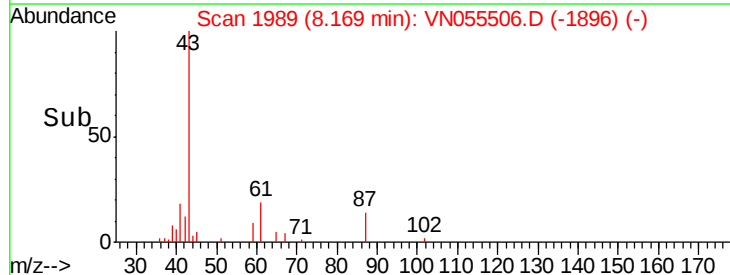
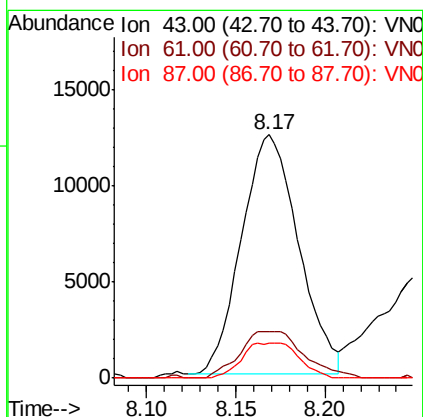
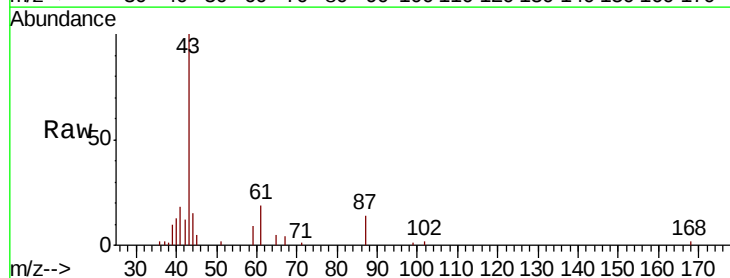
Instrument :
MSVOA_N
ClientSampled :
72-11995

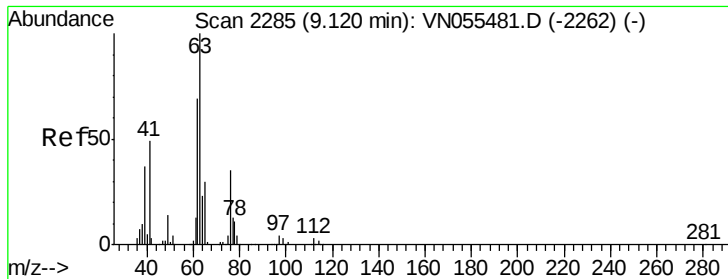
Tot Ion:117 Resp: 85126
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.6#
121 0.0 25.2 37.8#



#43
Isopropyl Acetate
Concen: 1.131 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN055506.D
Acq: 9 May 2019 18:59

Tgt Ion: 43 Resp: 27680
Ion Ratio Lower Upper
43 100
61 22.0 15.1 22.7
87 14.7 9.0 13.6#





#45

1,2-Dichloropropane

Concen: 0.258 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampled :

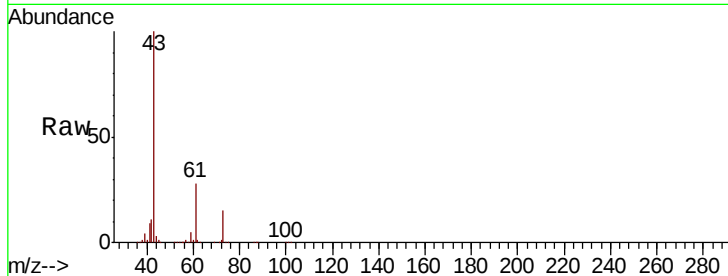
72-11995

Tot Ion: 63 Resp: 3383

Ion Ratio Lower Upper

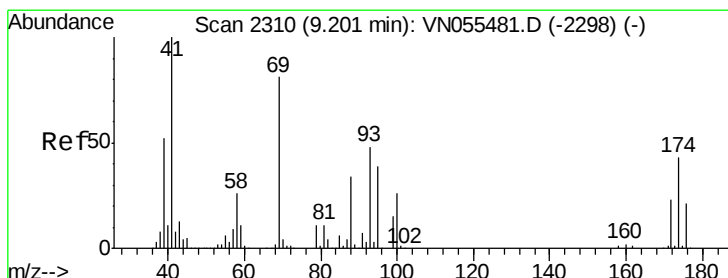
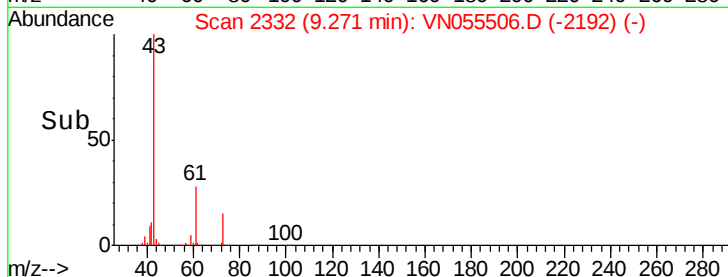
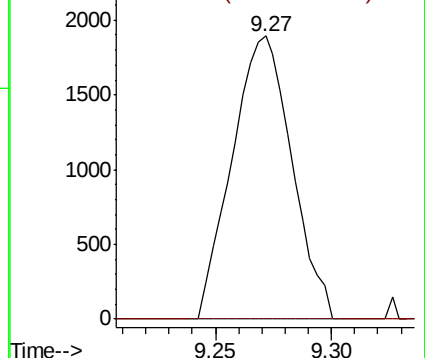
63 100

65 0.0 24.1 36.1#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.475 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

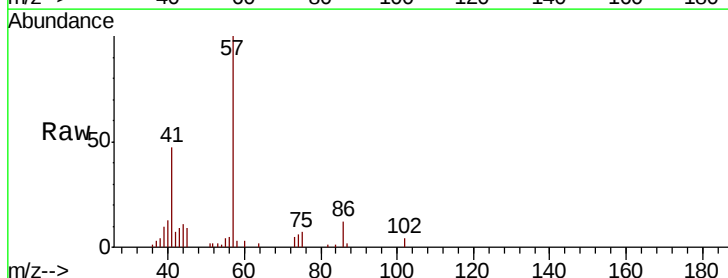
Tgt Ion: 41 Resp: 17398

Ion Ratio Lower Upper

41 100

69 0.0 64.2 96.2#

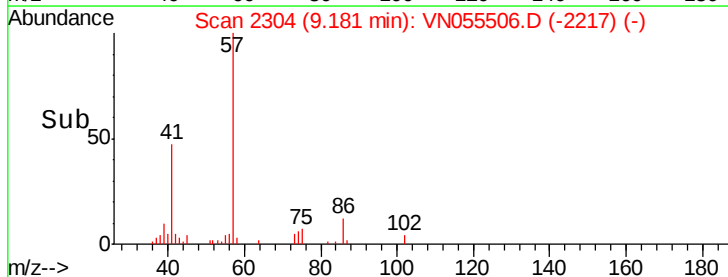
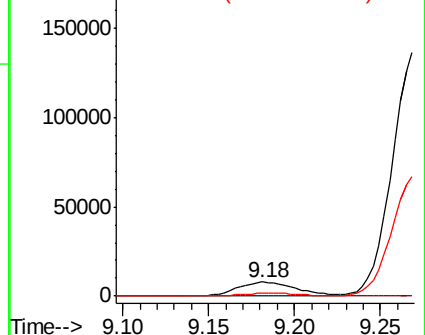
39 0.0 41.6 62.4#

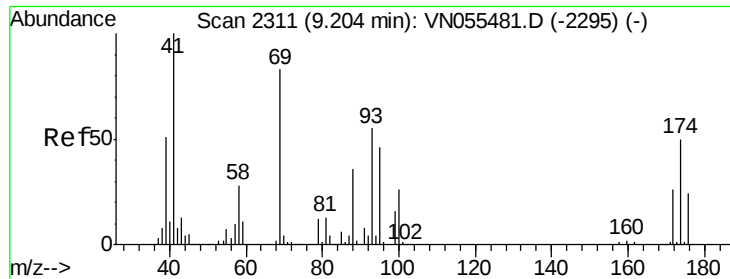


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

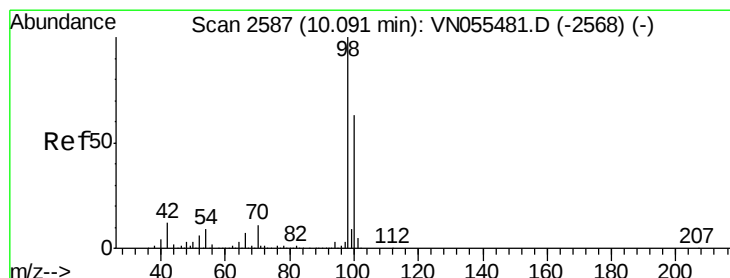
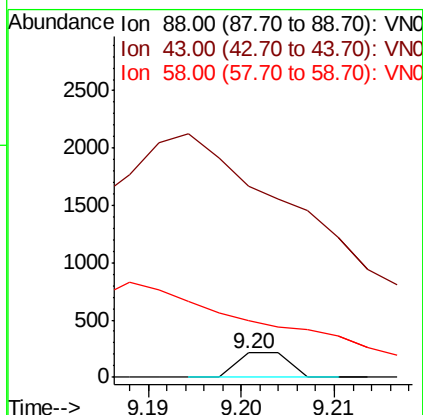
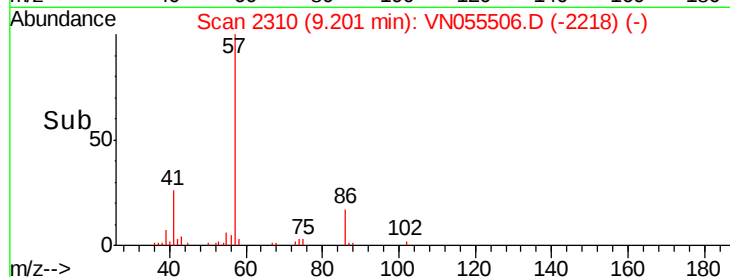
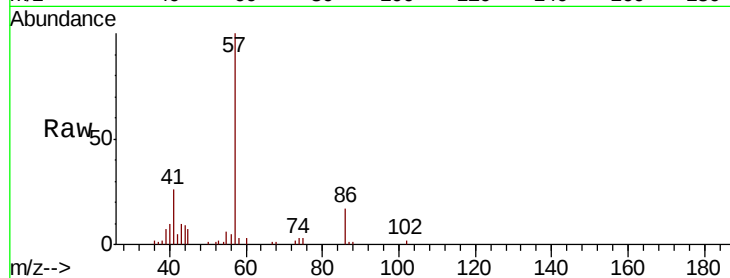




#49
 1,4-Dioxane
 Concen: 0.361 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN055506.D
 Acq: 9 May 2019 18:59

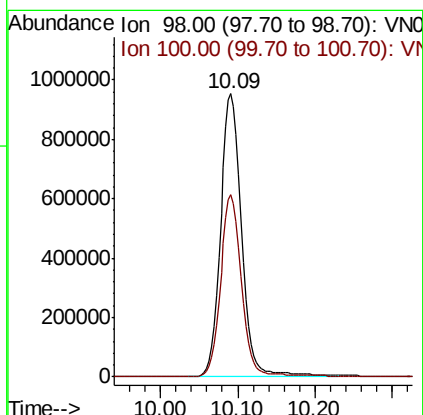
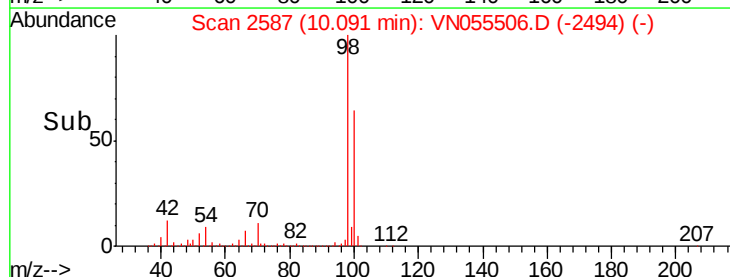
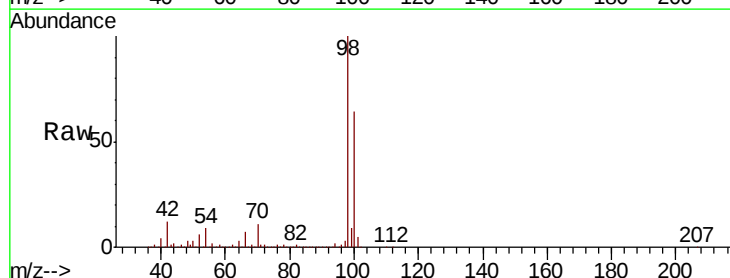
Instrument :
 MSVOA_N
 ClientSampled :
 72-11995

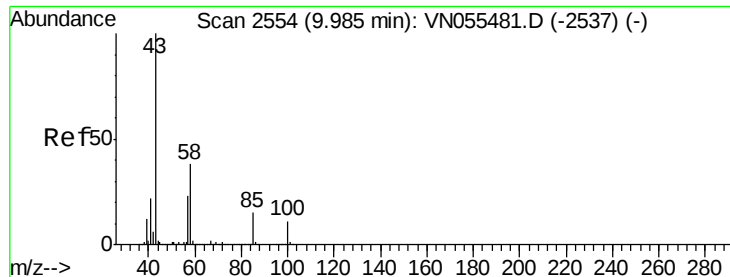
Tot Ion: 88 Resp: 83
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.8 41.8#
 58 1936.1 61.8 92.6#



#50
 Toluene-d8
 Concen: 48.258 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN055506.D
 Acq: 9 May 2019 18:59

Tgt Ion: 98 Resp: 1818617
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 1.130 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampled :

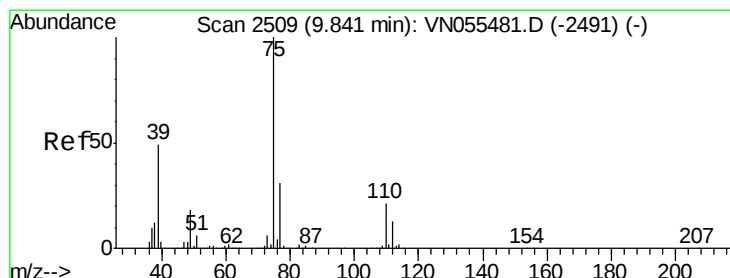
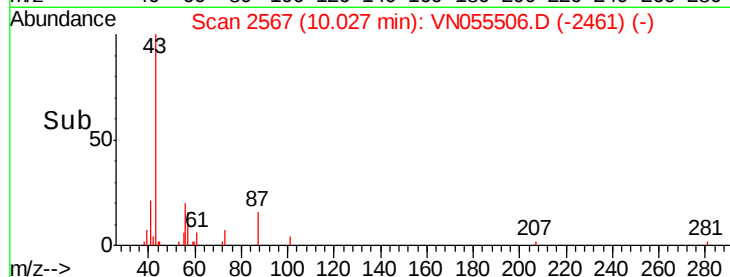
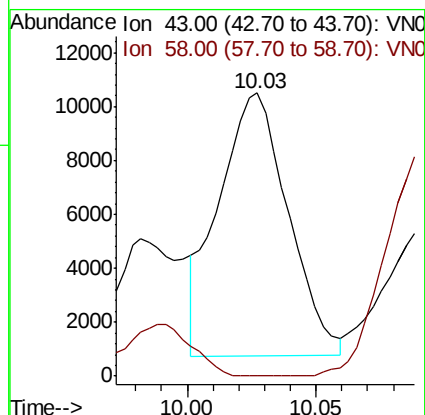
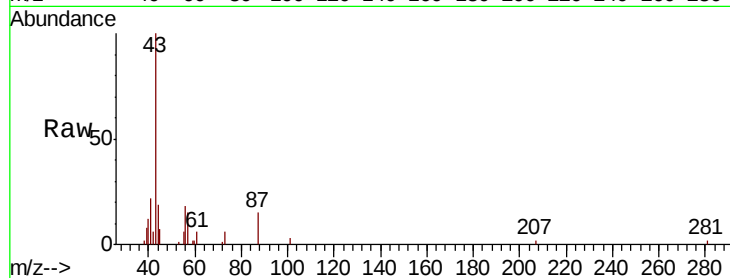
72-11995

Tot Ion: 43 Resp: 18191

Ion Ratio Lower Upper

43 100

58 0.0 29.9 44.9#



#54

cis-1,3-Dichloropropene

Concen: 6.489 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

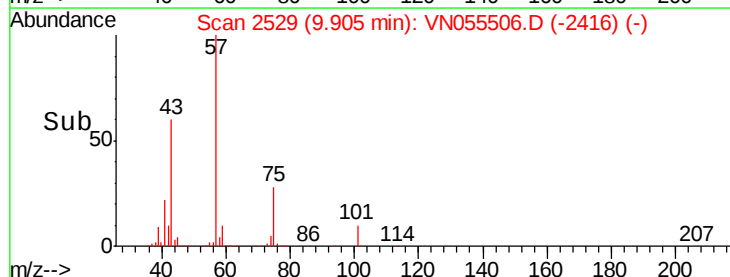
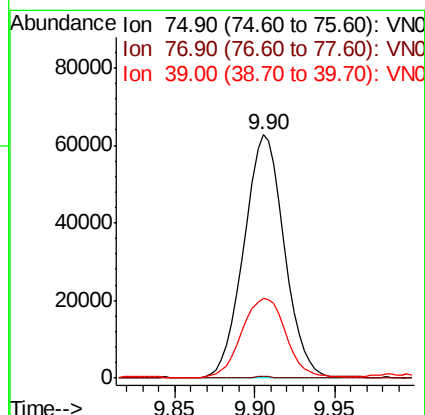
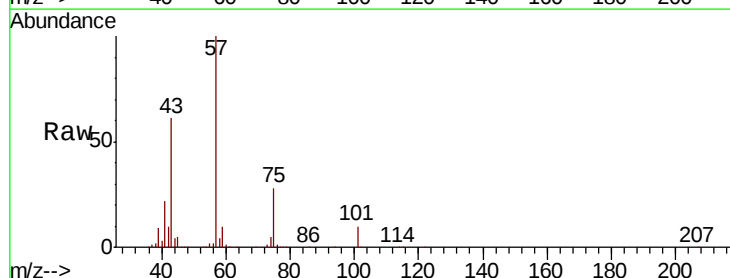
Tgt Ion: 75 Resp: 108304

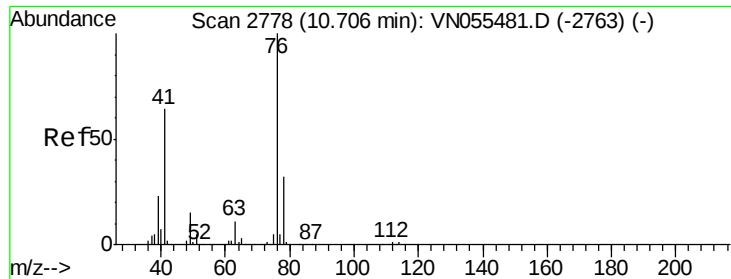
Ion Ratio Lower Upper

75 100

77 0.6 24.4 36.6#

39 32.2 39.5 59.3#

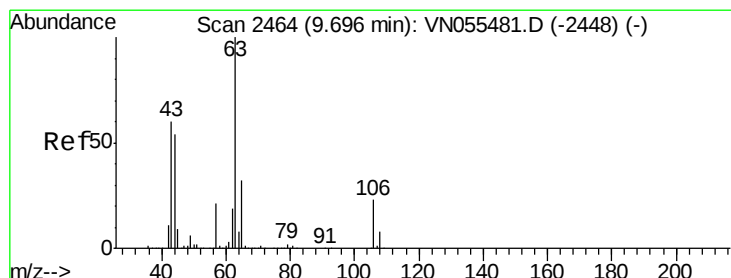
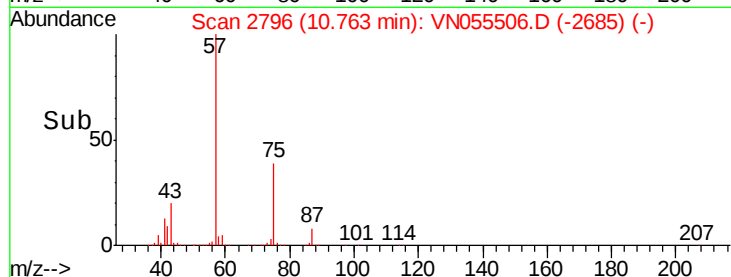
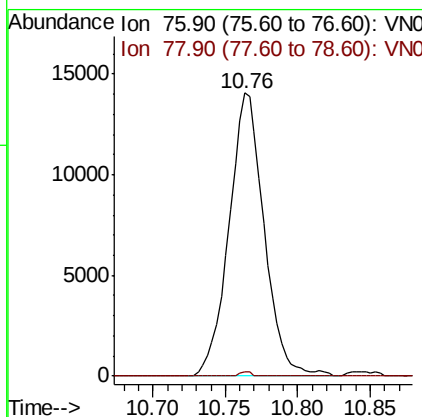
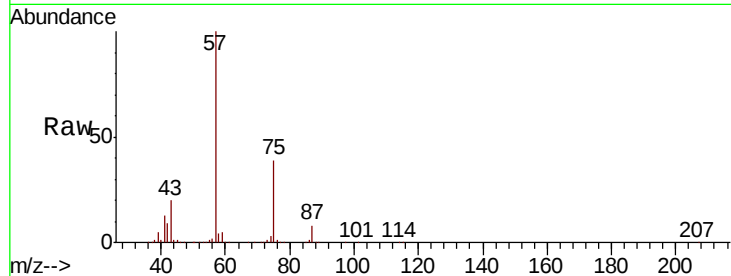




#57
 1,3-Dichloropropane
 Concen: 1.251 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055506.D
 Acq: 9 May 2019 18:59

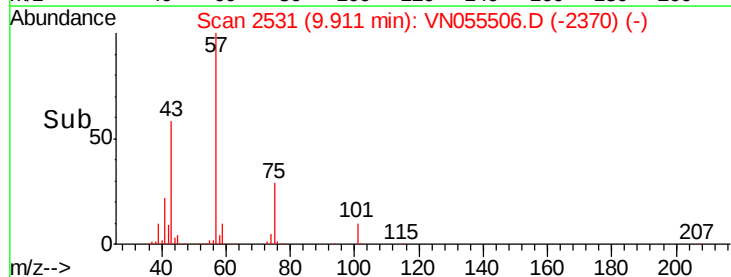
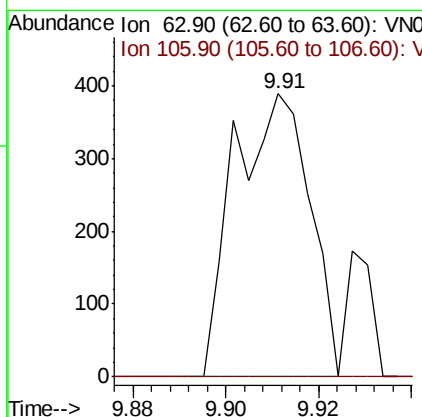
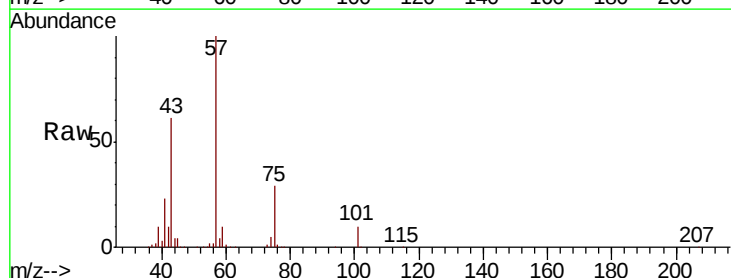
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11995

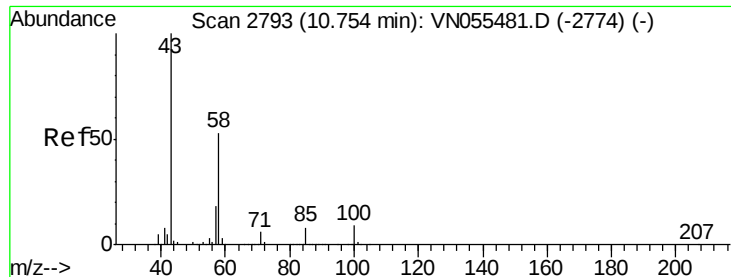
Tot Ion: 76 Resp: 23589
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.8 38.6#



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.590 ug/l
 RT: 9.91 min Scan# 2531
 Delta R.T. 0.22 min
 Lab File: VN055506.D
 Acq: 9 May 2019 18:59

Tgt Ion: 63 Resp: 440
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#





#59

2-Hexanone

Concen: 30.318 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

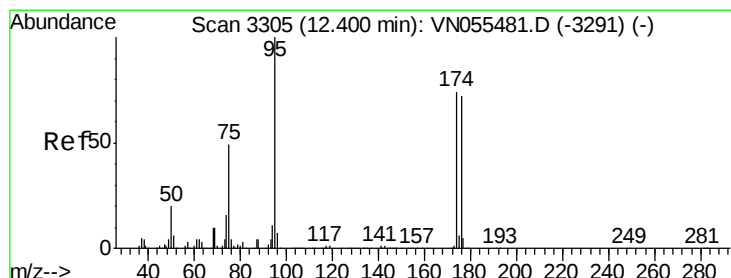
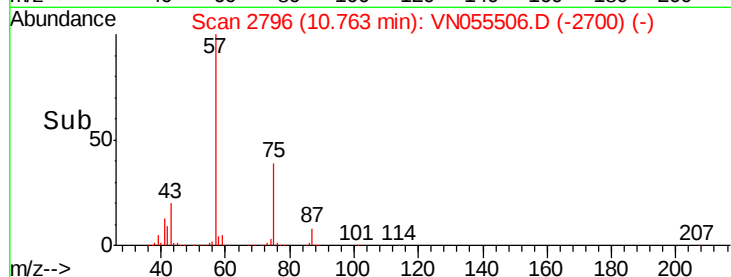
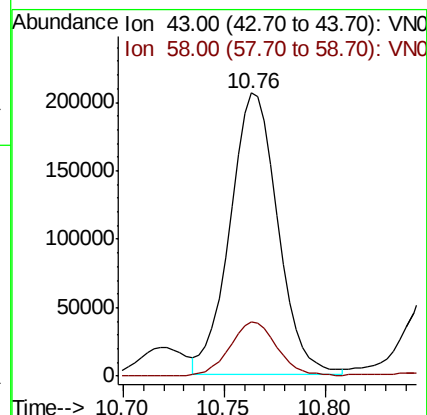
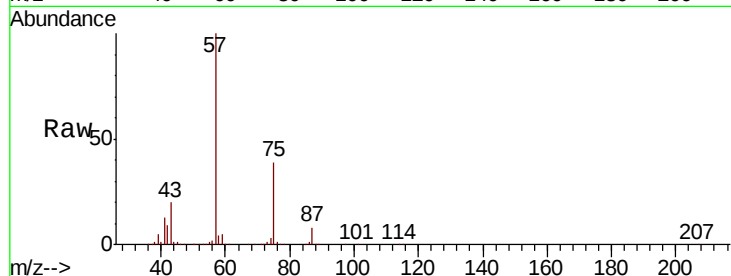
72-11995

Tot Ion: 43 Resp: 342261

Ion Ratio Lower Upper

43 100

58 19.2 26.4 79.0#



#62

4-Bromofluorobenzene

Concen: 41.747 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

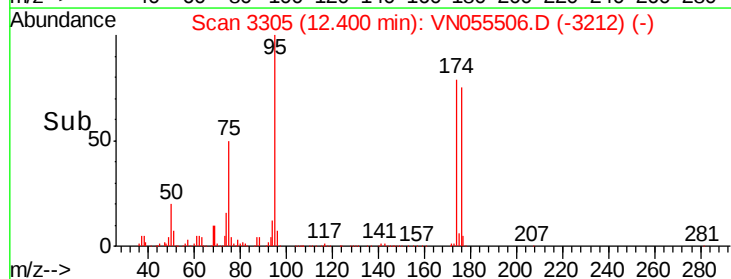
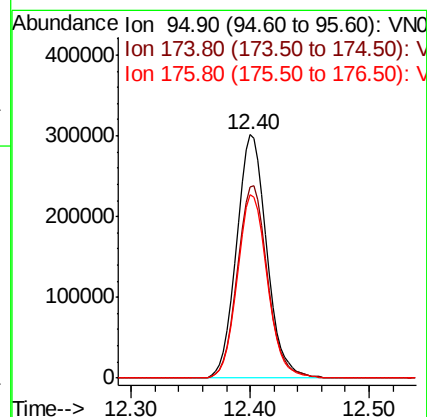
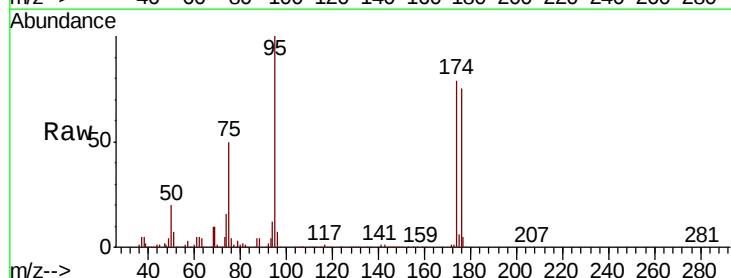
Tgt Ion: 95 Resp: 530474

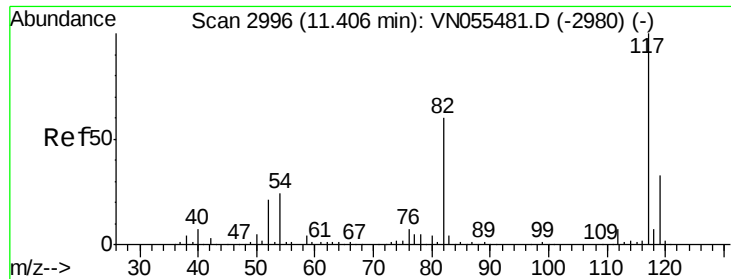
Ion Ratio Lower Upper

95 100

174 79.2 0.0 152.2

176 75.4 0.0 147.8

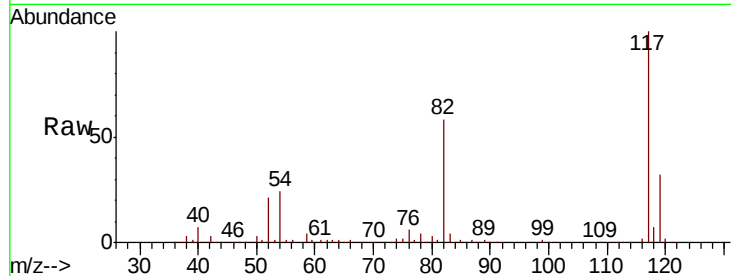




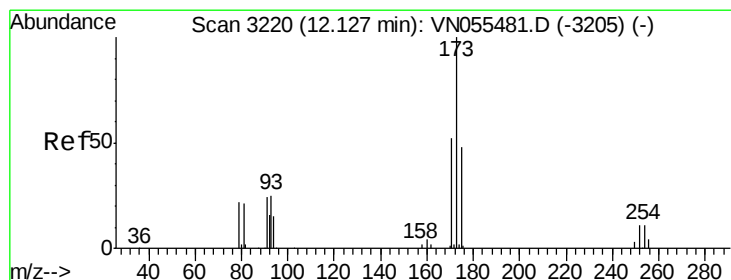
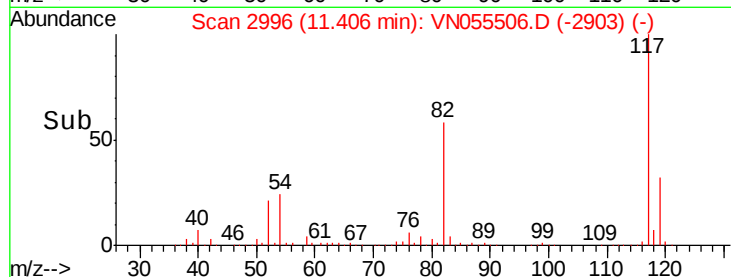
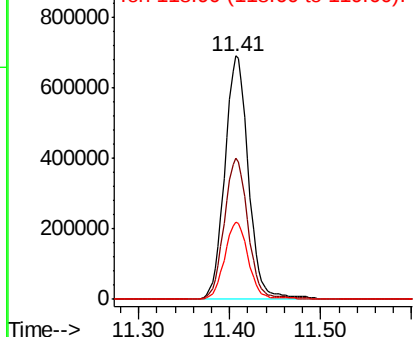
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055506.D
Acq: 9 May 2019 18:59

Instrument :
MSVOA_N
ClientSampleId :
72-11995

Tot Ion:117 Resp: 1245980
Ion Ratio Lower Upper
117 100
82 58.2 48.0 72.0
119 31.8 26.0 39.0

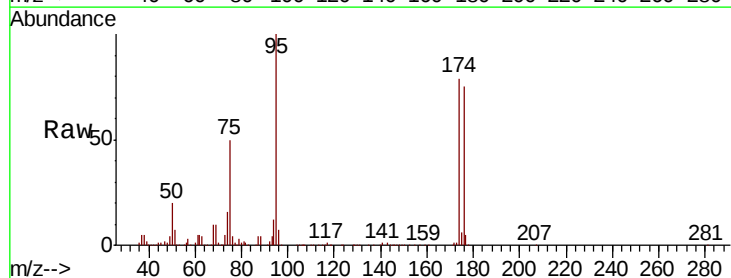


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

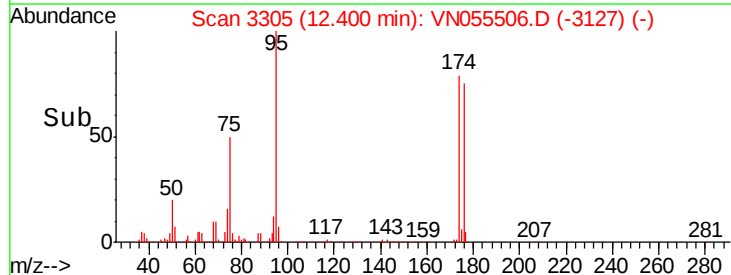
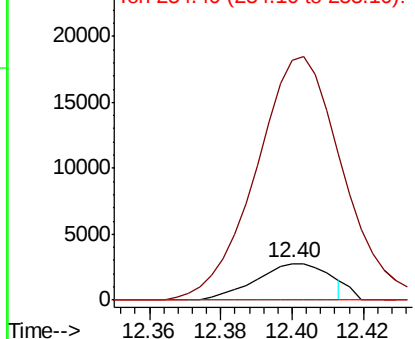


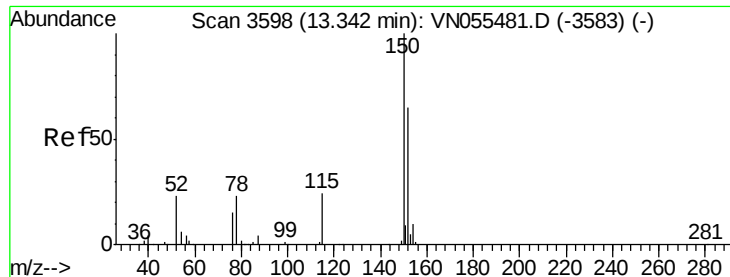
#71
Bromoform
Concen: 0.664 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055506.D
Acq: 9 May 2019 18:59

Tgt Ion:173 Resp: 3956
Ion Ratio Lower Upper
173 100
175 675.3 24.1 72.4#
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



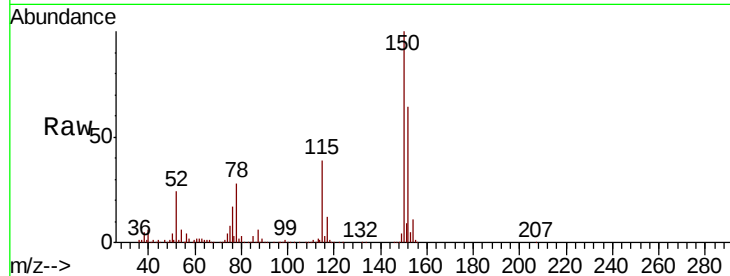


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055506.D
Acq: 9 May 2019 18:59

Instrument :
MSVOA_N
ClientSampleId :
72-11995

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.1	90.5
150	155.3	0.0	355.0

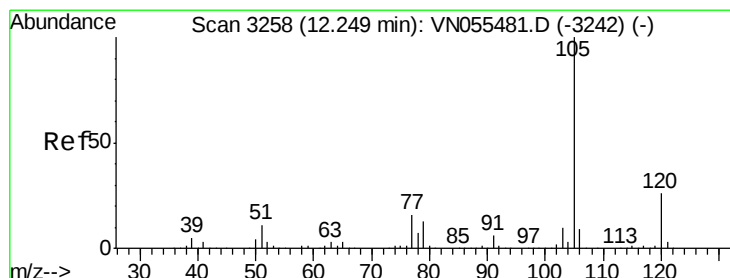
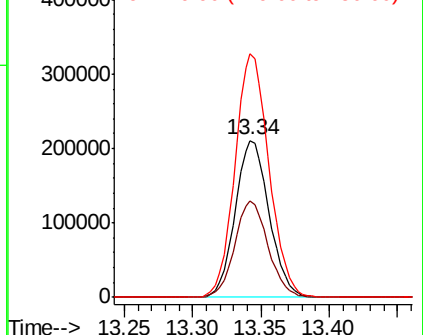
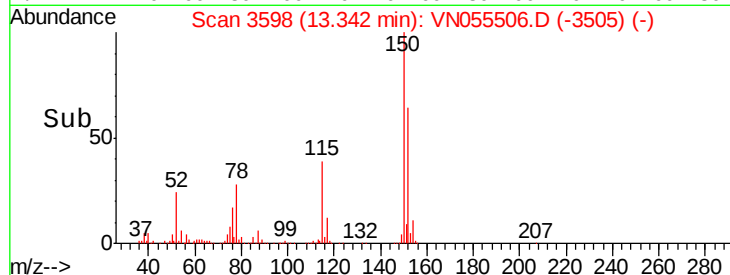


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

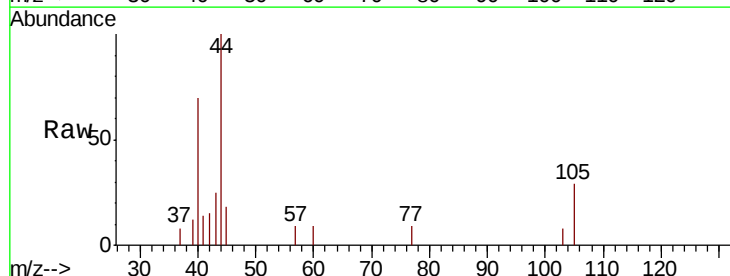
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055506.D
Acq: 9 May 2019 18:59

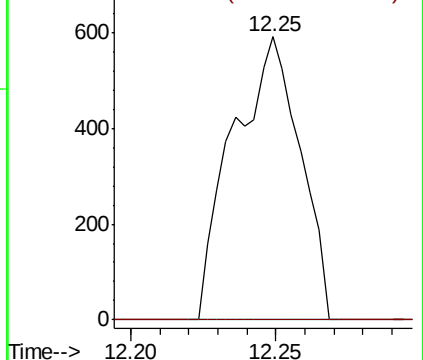
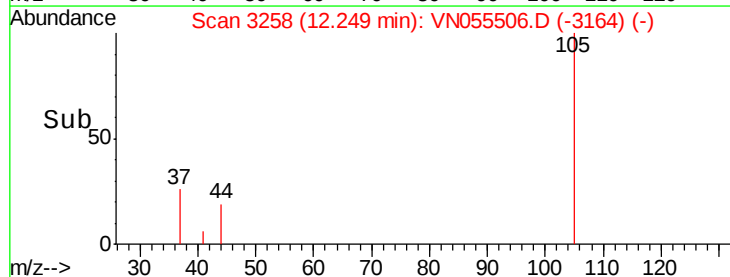
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.0	39.0#

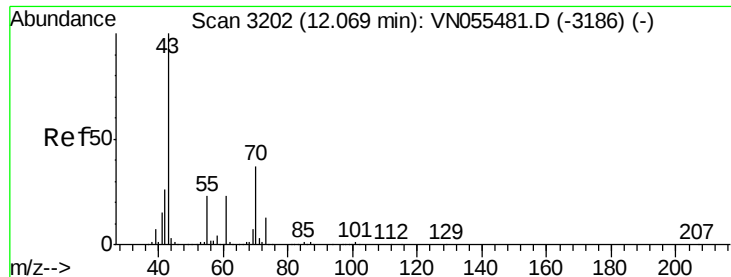


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.176 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampled :

72-11995

Tot Ion: 43 Resp: 30002

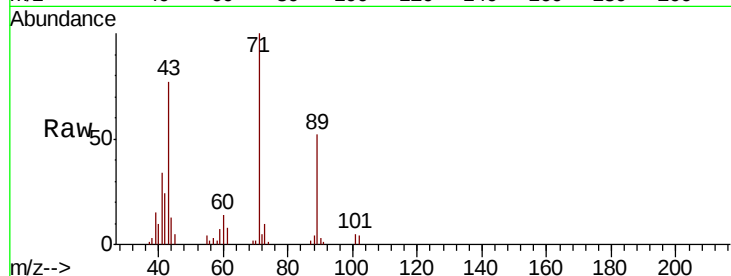
Ion Ratio Lower Upper

43 100

70 1.2 30.7 46.1#

55 4.7 19.3 28.9#

61 9.5 18.6 27.8#

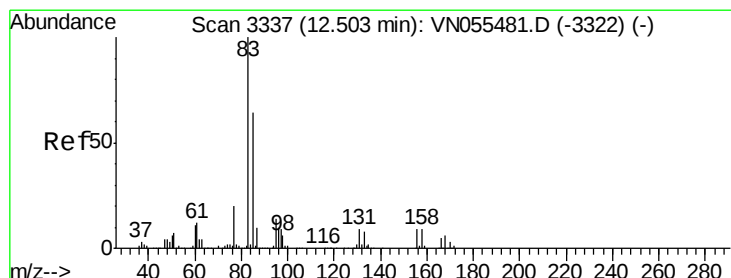
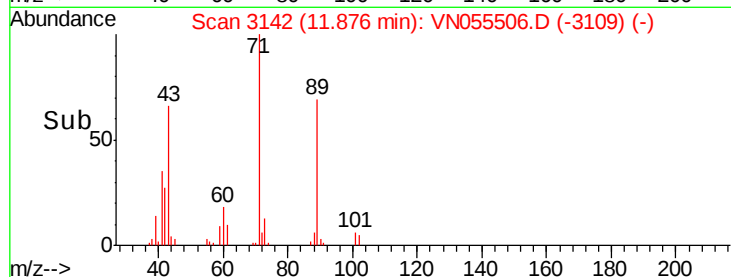
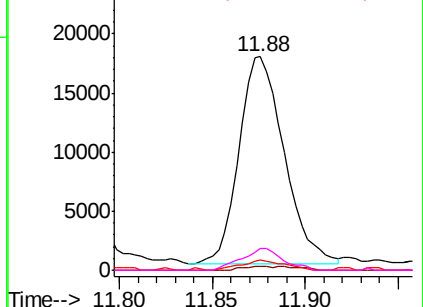


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

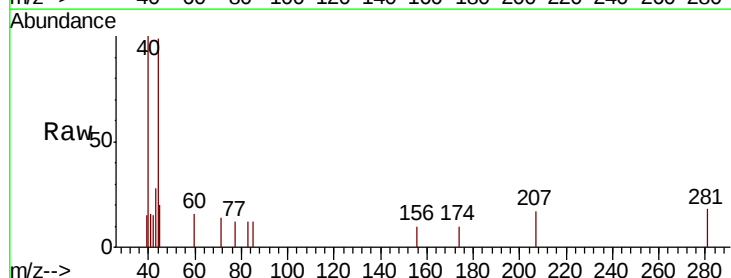
Tgt Ion: 83 Resp: 72

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

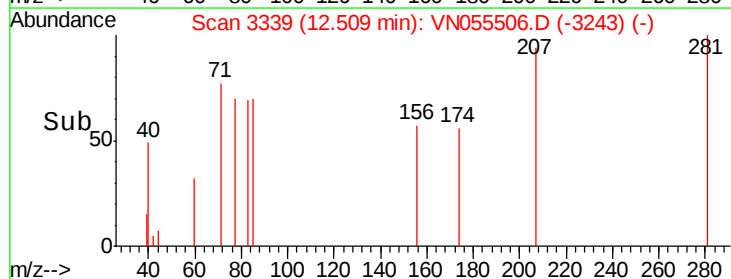
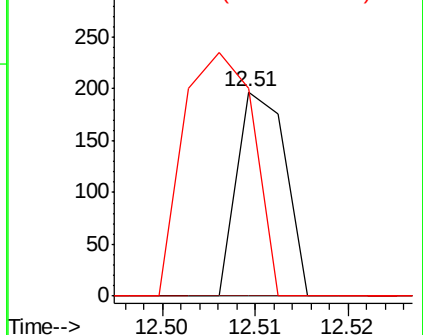
85 170.8 32.0 96.0#

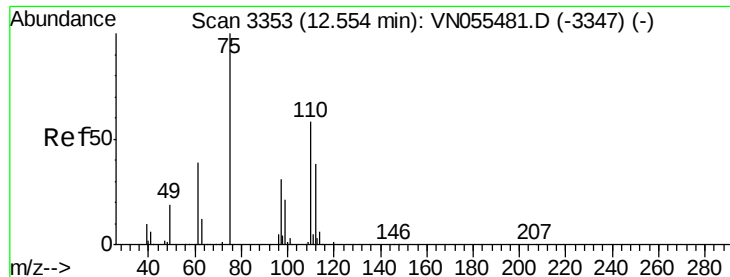


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 26.789 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

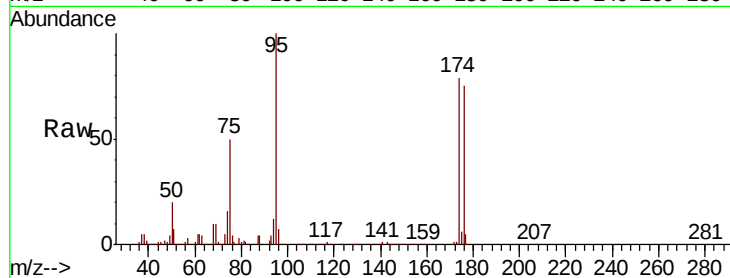
72-11995

Tot Ion: 75 Resp: 264898

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055481.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN055481.D (-3347) (-)

12.40

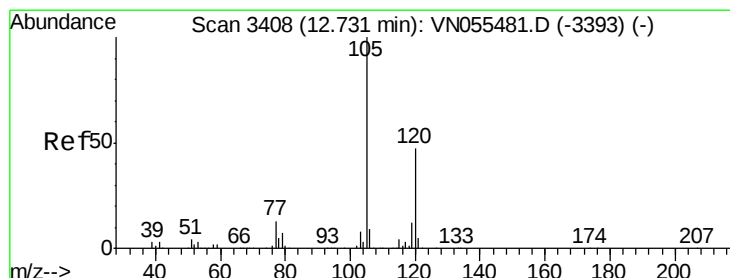
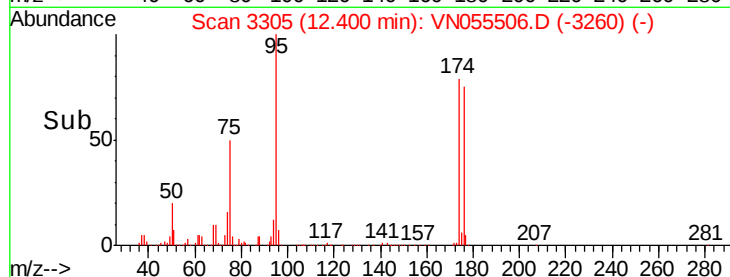
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.223 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055506.D

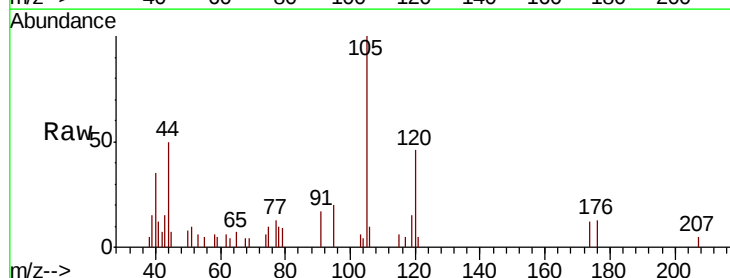
Acq: 9 May 2019 18:59

Tgt Ion: 105 Resp: 6473

Ion Ratio Lower Upper

105 100

120 43.6 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055481.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN055481.D (-3393) (-)

12.73

4000

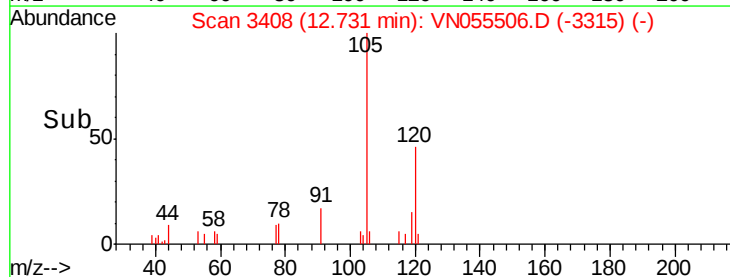
3000

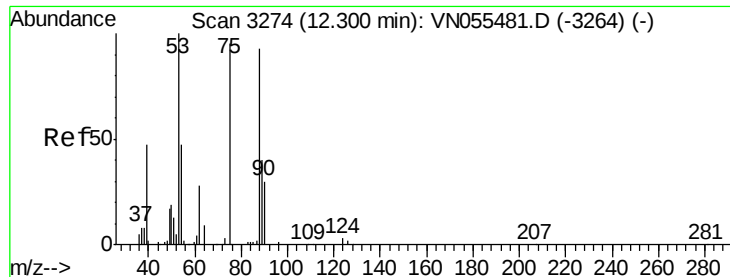
2000

1000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 98.848 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampled :

72-11995

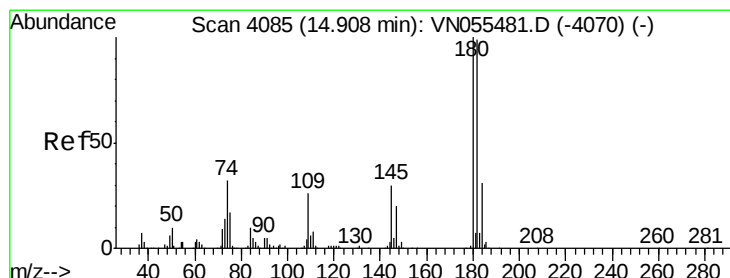
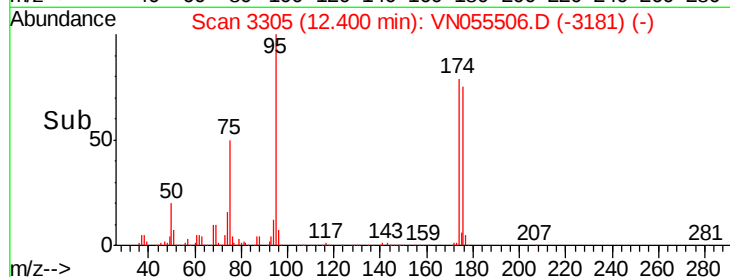
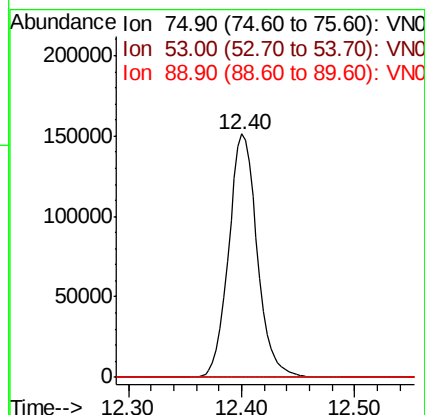
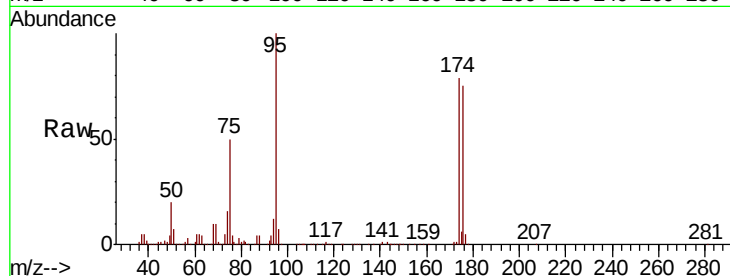
Tot Ion: 75 Resp: 264898

Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

89 0.0 35.7 53.5#



#93

1,2,4-Trichlorobenzene

Concen: 3.356 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

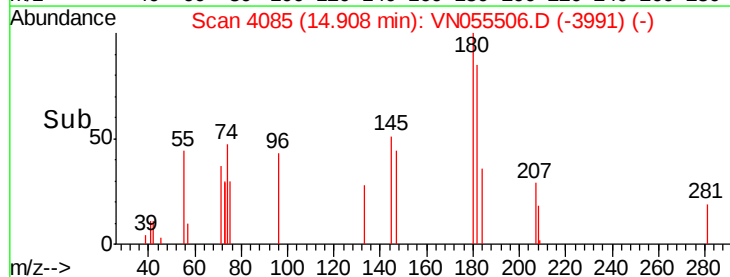
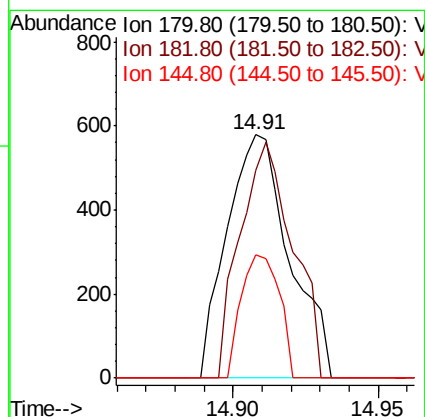
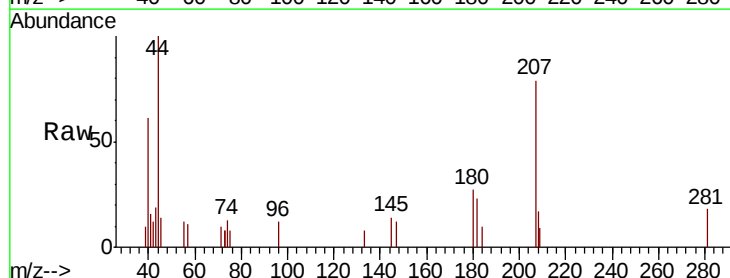
Tgt Ion: 180 Resp: 869

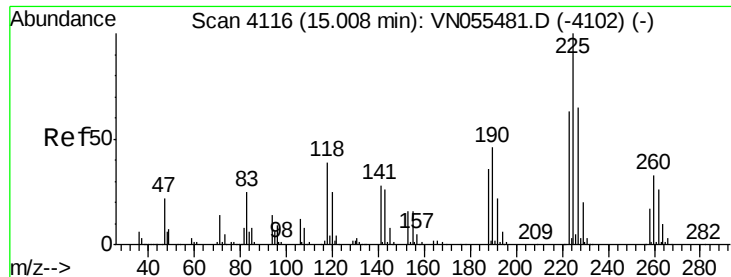
Ion Ratio Lower Upper

180 100

182 81.5 48.7 146.1

145 31.0 15.3 45.9





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampled :

72-11995

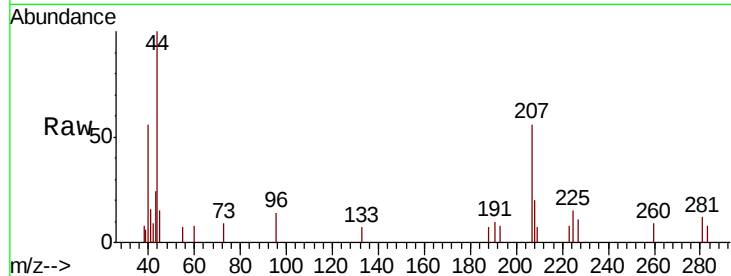
Tot Ion:225 Resp: 354

Ion Ratio Lower Upper

225 100

223 60.7 31.4 94.3

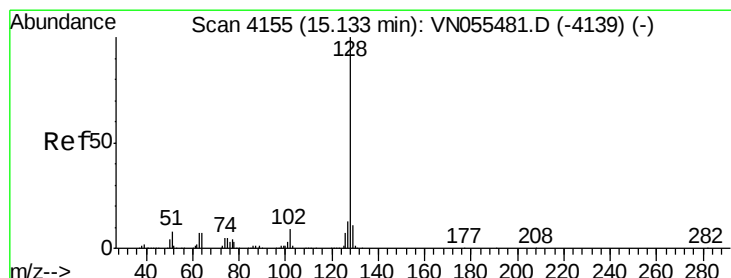
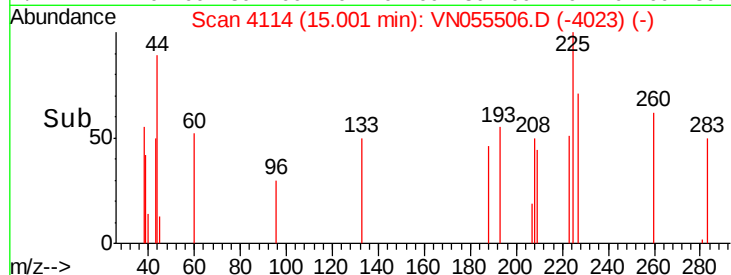
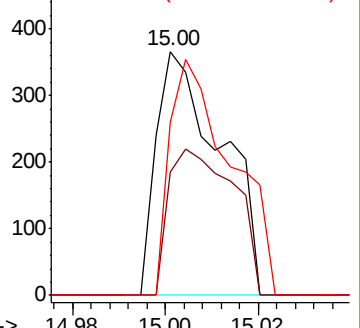
227 92.4 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.297 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

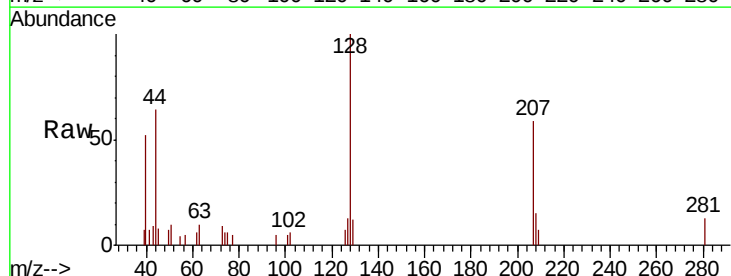
Tgt Ion:128 Resp: 5798

Ion Ratio Lower Upper

128 100

127 10.4 10.0 15.0

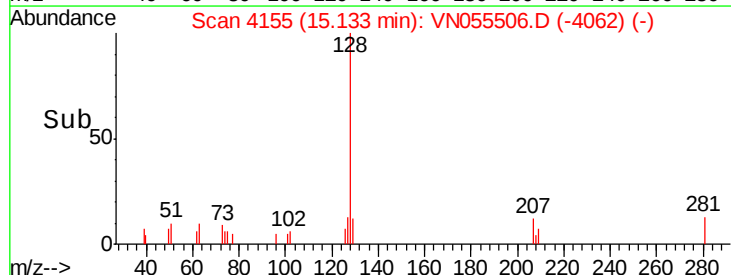
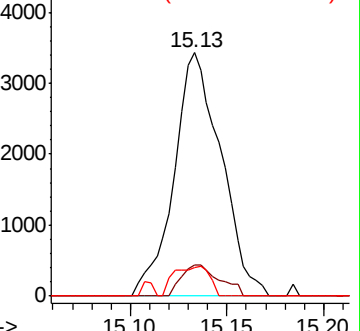
129 9.2 8.8 13.2

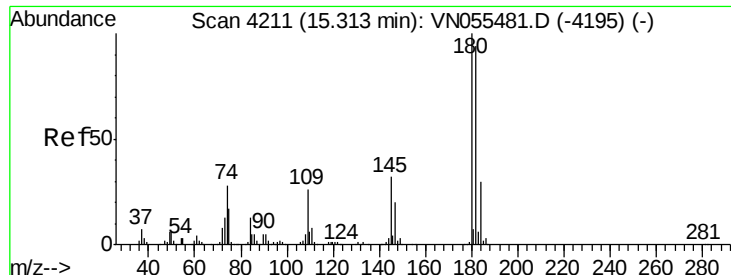


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

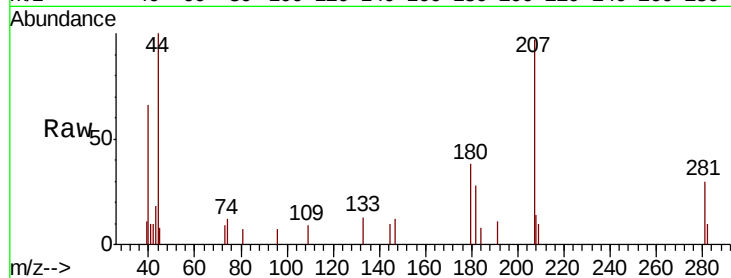




#96
 1,2,3-Trichlorobenzene
 Concen: 2.628 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN055506.D
 Acq: 9 May 2019 18:59

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11995

Tot Ion	Ratio	Lower	Upper
180	100		
182	60.7	47.1	141.3
145	24.6	15.8	47.4



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

