

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
 Data File : VN057221.D
 Acq On : 12 Aug 2019 17:39
 Operator : JC/SP
 Sample : K4229-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-F4-(1)

Quant Time: Aug 13 01:46:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1277321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1756802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1486727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	370123	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	588015	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	6.99	113	534087	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	9.56	98	2048969	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.92	95	536839	39.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.00%	

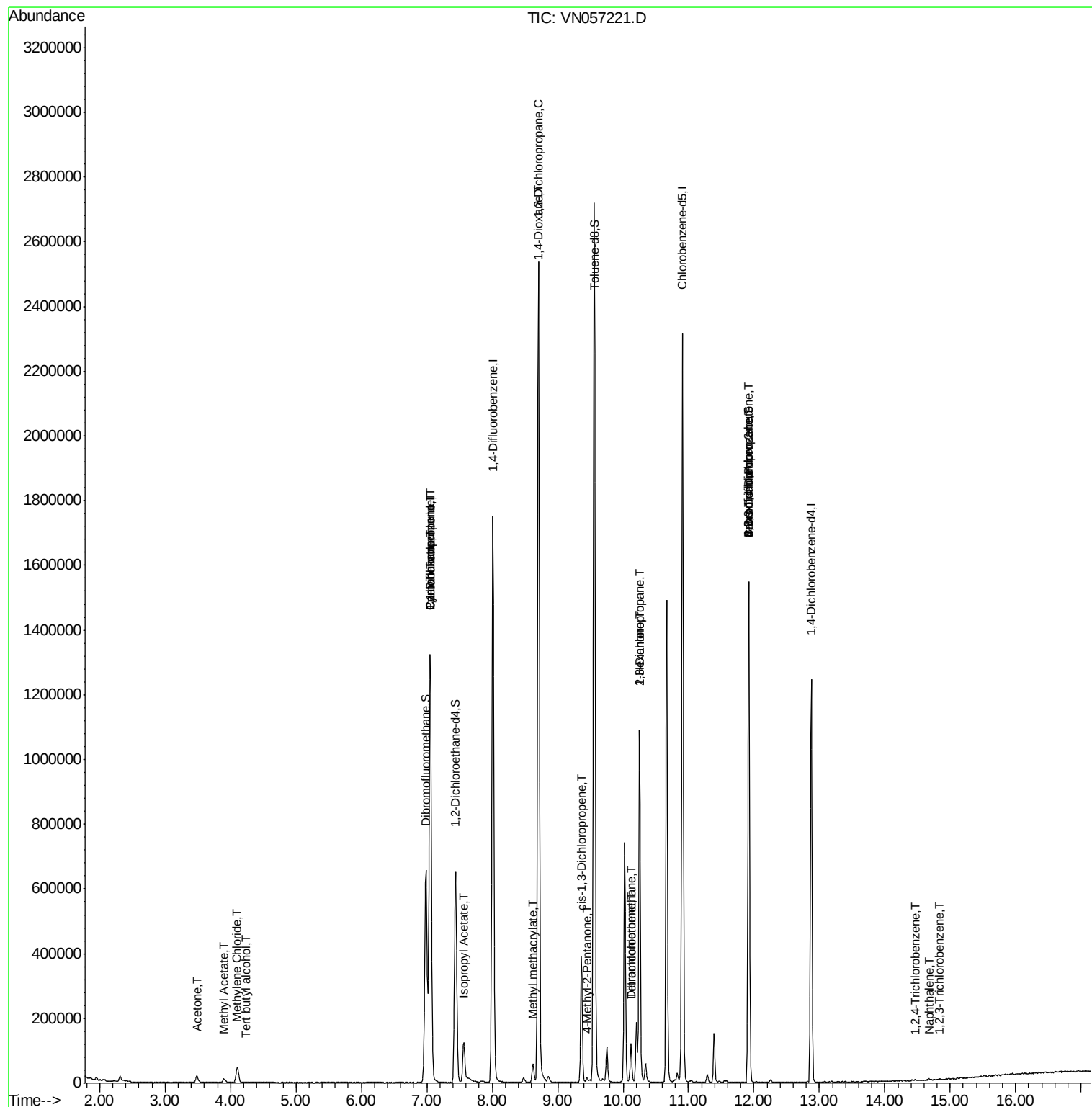
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.24	59	571	0.305	ug/l #	73
16) Acetone	3.48	43	28517	7.188	ug/l	90
18) Methyl Acetate	3.90	43	19244	0.984	ug/l	96
20) Methylene Chloride	4.10	84	37794	2.887	ug/l	96
31) Cyclohexane	7.05	56	17087	0.897	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	74054	5.120	ug/l #	49
37) Ethyl Acetate	6.27	43	90	Below Cal	#	70
38) Carbon Tetrachloride	7.06	117	105649	7.008	ug/l #	16
43) Isopropyl Acetate	7.56	43	161657	7.944	ug/l #	86
45) 1,2-Dichloropropane	8.71	63	3674	0.310	ug/l #	43
48) Methyl methacrylate	8.62	41	8879	0.925	ug/l #	10
49) 1,4-Dioxane	8.69	88	183	0.936	ug/l #	1
51) 4-Methyl-2-Pentanone	9.45	43	9113	0.770	ug/l	94
54) cis-1,3-Dichloropropene	9.36	75	78376	4.445	ug/l #	61
57) 1,3-Dichloropropane	10.25	76	11465	0.622	ug/l #	43
59) 2-Hexanone	10.25	43	152065	18.973	ug/l #	51
60) Dibromochloromethane	10.11	129	2400	0.204	ug/l #	11
64) Tetrachloroethene	10.12	164	3974	0.321	ug/l #	70
71) Bromoform	11.92	173	3236	0.395	ug/l #	1
73) Isopropylbenzene	11.77	105	925	Below Cal	#	71
75) 1,1,2,2-Tetrachloroethane	11.92	83	243	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.92	75	251794	33.901	ug/l #	100
79) 2-Chlorotoluene	12.30	91	1005	Below Cal		75
81) trans-1,4-Dichloro-2-buten	11.92	75	251794	100.028	ug/l #	14
83) tert-Butylbenzene	12.53	119	328	Below Cal	#	68
90) Hexachloroethane	13.52	117	130	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.45	180	837	6.068	ug/l #	64
95) Naphthalene	14.68	128	4682	3.293	ug/l	99
96) 1,2,3-Trichlorobenzene	14.83	180	957	5.874	ug/l #	88

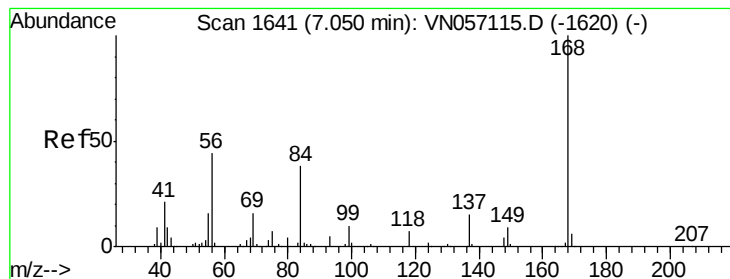
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

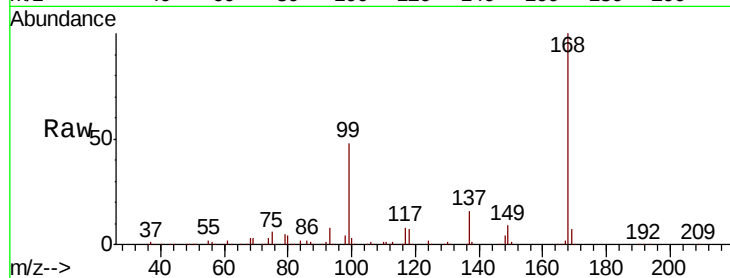
2S-F4-(1)

Tgt Ion:168 Resp: 1277321

Ion Ratio Lower Upper

168 100

99 48.2 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.05

600000

500000

400000

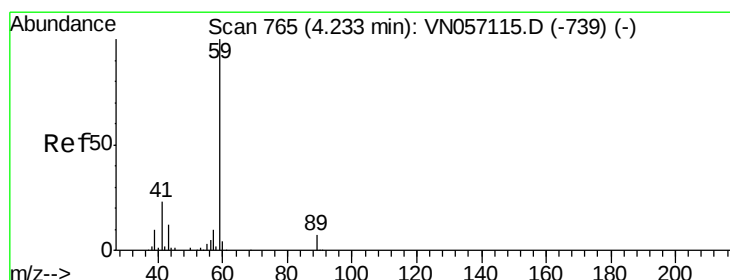
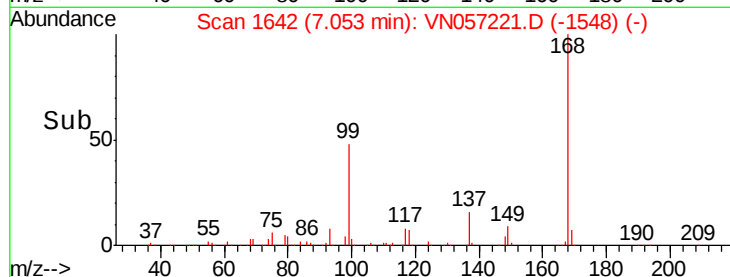
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 0.305 ug/l

RT: 4.24 min Scan# 768

Delta R.T. 0.01 min

Lab File: VN057221.D

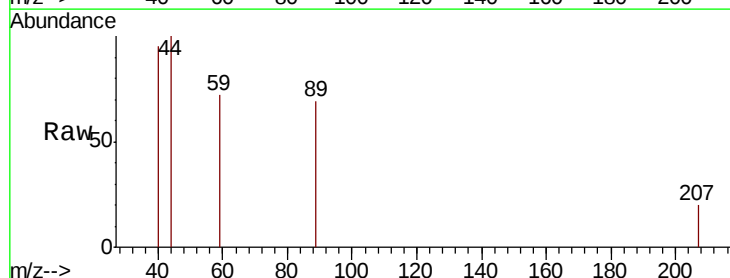
Acq: 12 Aug 2019 17:39

Tgt Ion: 59 Resp: 571

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.24

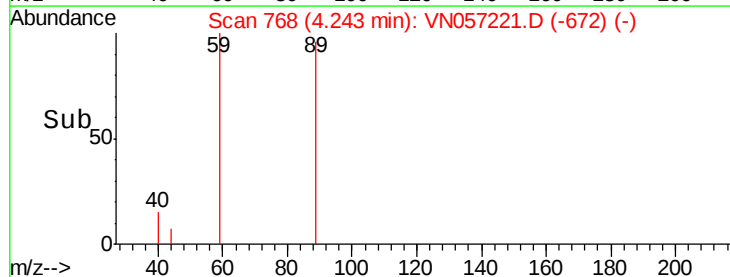
600

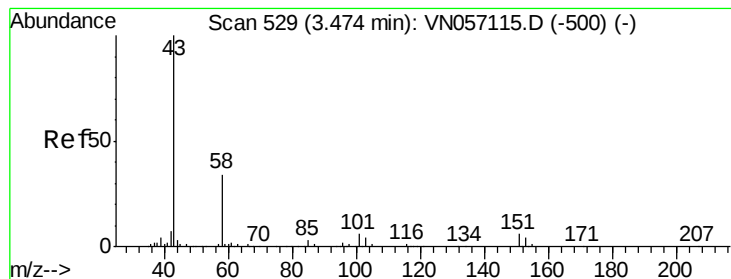
400

200

0

Time--> 4.22 4.24 4.26





#16

Acetone

Concen: 7.188 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

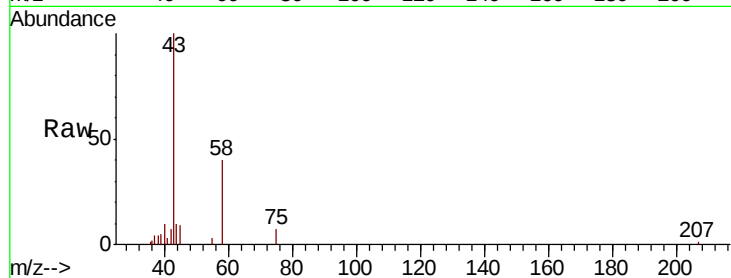
2S-F4-(1)

Tgt Ion: 43 Resp: 28517

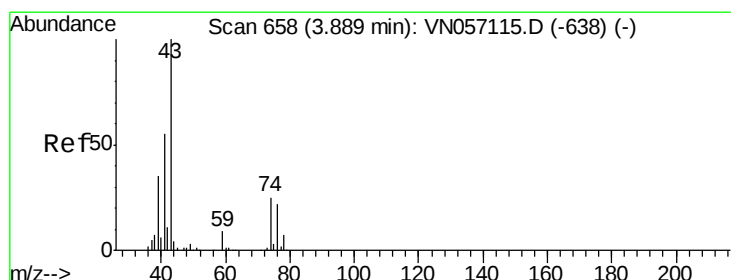
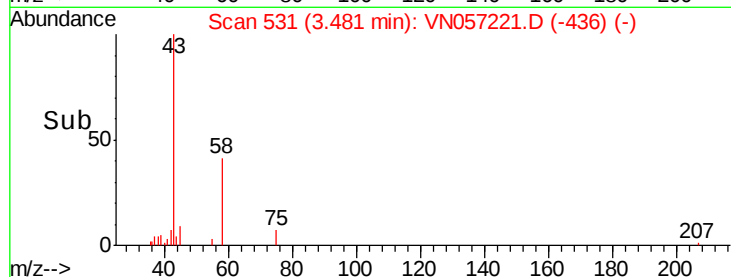
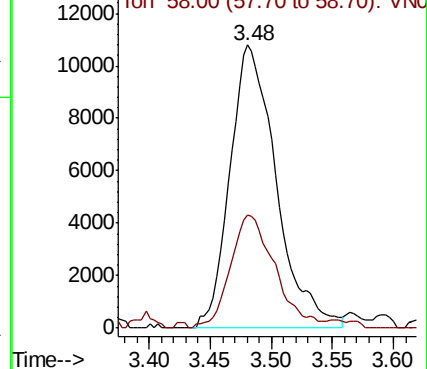
Ion Ratio Lower Upper

43 100

58 40.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057221.D (-531) (-)



#18

Methyl Acetate

Concen: 0.984 ug/l

RT: 3.90 min Scan# 661

Delta R.T. 0.01 min

Lab File: VN057221.D

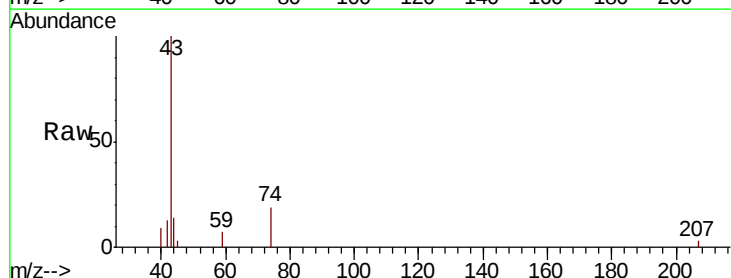
Acq: 12 Aug 2019 17:39

Tgt Ion: 43 Resp: 19244

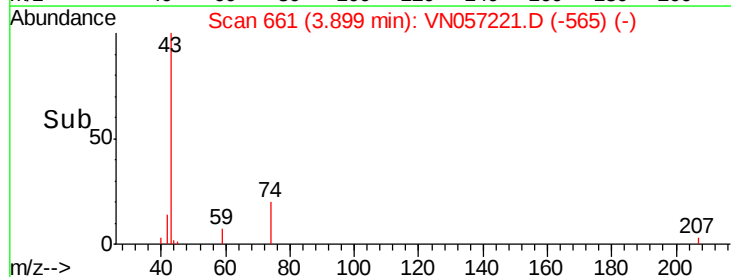
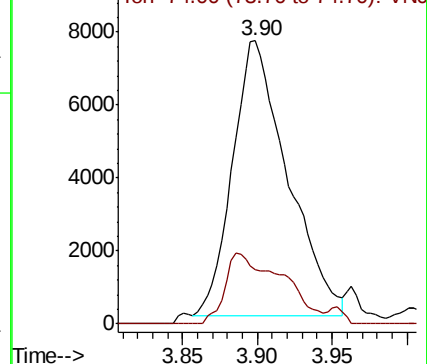
Ion Ratio Lower Upper

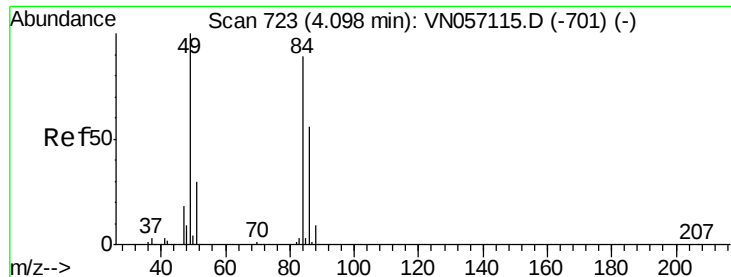
43 100

74 27.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN057221.D (-661) (-)

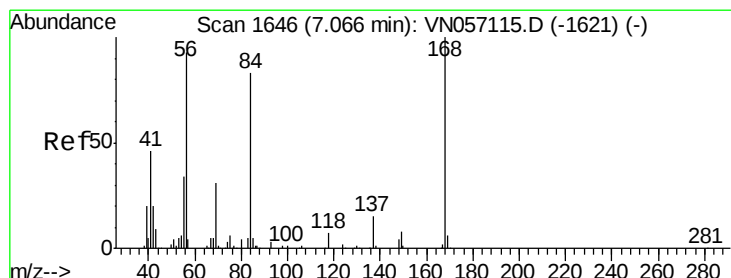
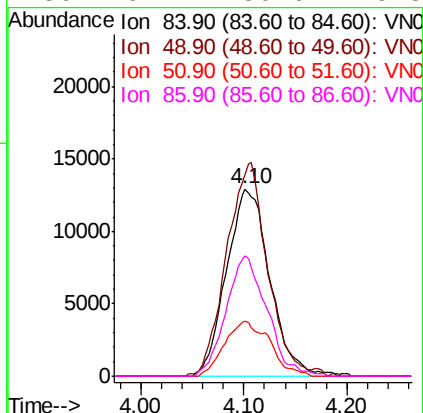
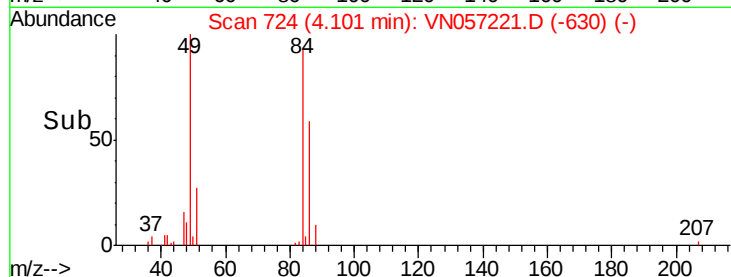
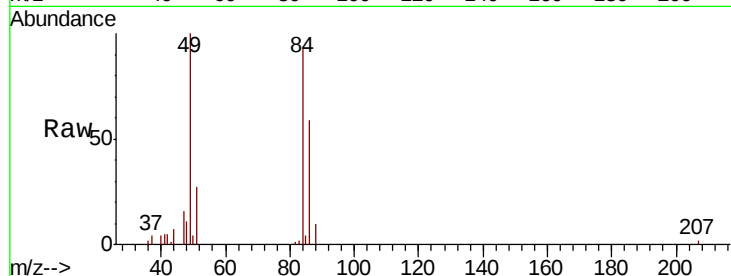




#20
Methylene Chloride
Concen: 2.887 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057221.D
Acq: 12 Aug 2019 17:39

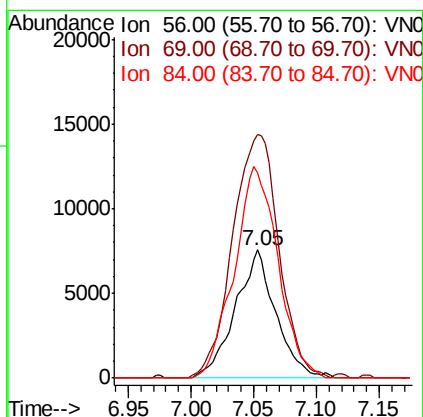
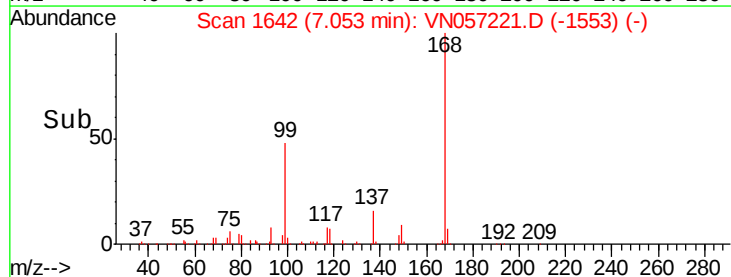
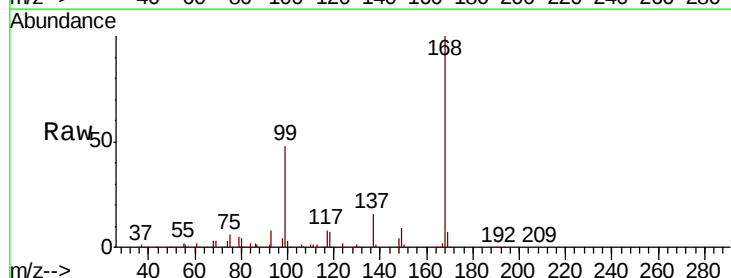
Instrument :
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2S-F4-(1)

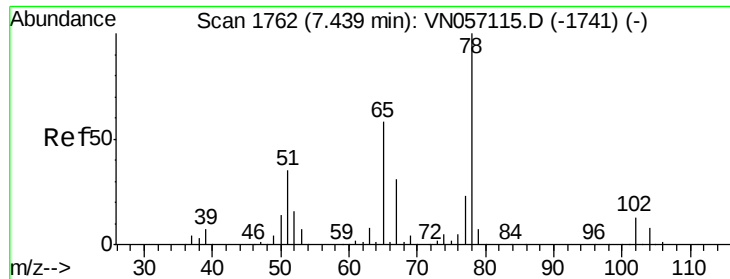
Tgt Ion:	84	Resp:	37794
Ion	Ratio	Lower	Upper
84	100		
49	106.5	89.5	134.3
51	29.4	27.2	40.8
86	64.1	50.6	75.8



#31
Cyclohexane
Concen: 0.897 ug/l
RT: 7.05 min Scan# 1642
Delta R.T. -0.01 min
Lab File: VN057221.D
Acq: 12 Aug 2019 17:39

Tgt Ion:	56	Resp:	17087
Ion	Ratio	Lower	Upper
56	100		
69	190.2	26.9	40.3#
84	160.2	71.9	107.9#

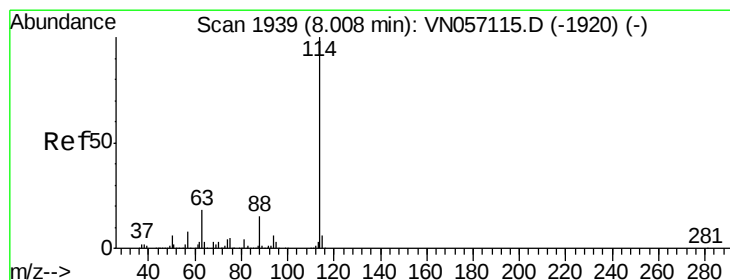
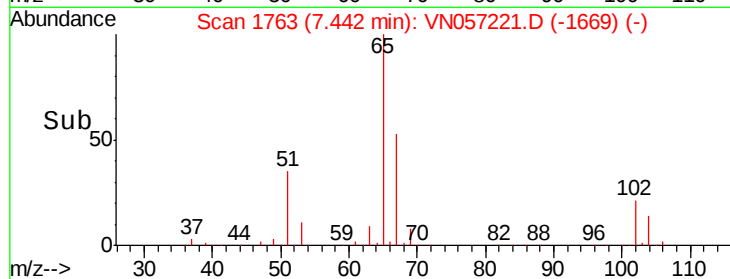
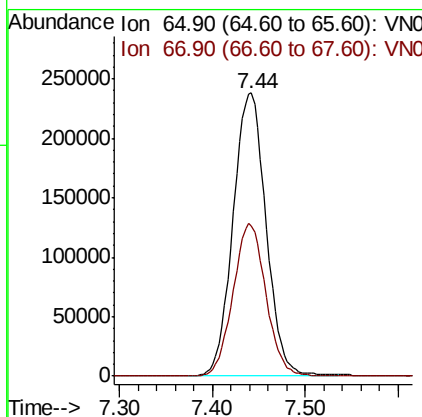
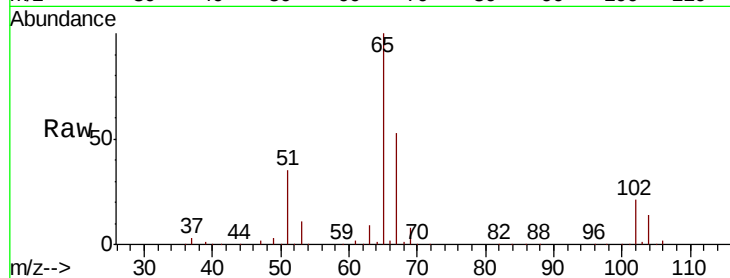




#33
 1,2-Dichloroethane-d4
 Concen: 44.763 ug/l
 RT: 7.44 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VN057221.D
 Acq: 12 Aug 2019 17:39

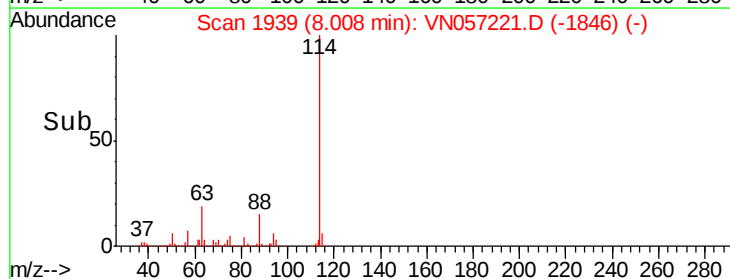
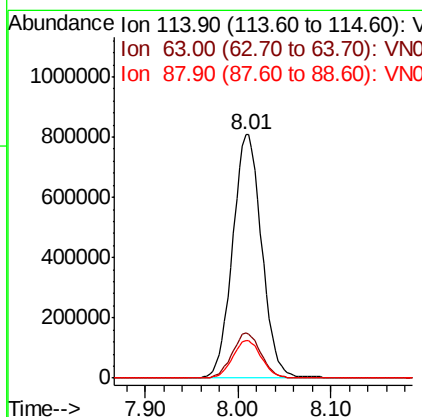
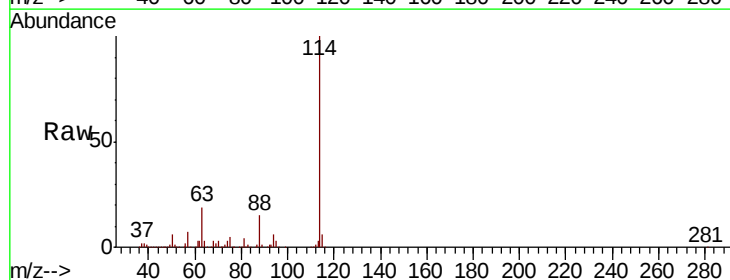
Instrument :
 MSVOA_N
 ClientSampled :
 2S-F4-(1)

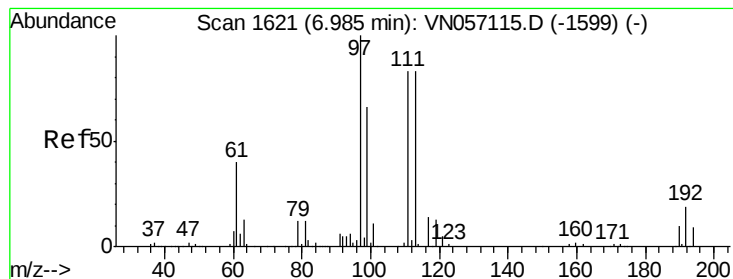
Tgt Ion: 65 Resp: 588015
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057221.D
 Acq: 12 Aug 2019 17:39

Tgt Ion: 114 Resp: 1756802
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.2
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.447 ug/l

RT: 6.99 min Scan# 1621

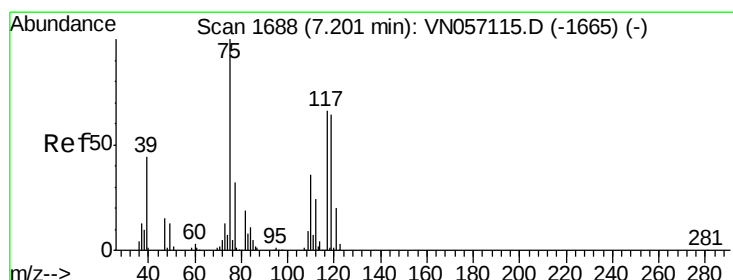
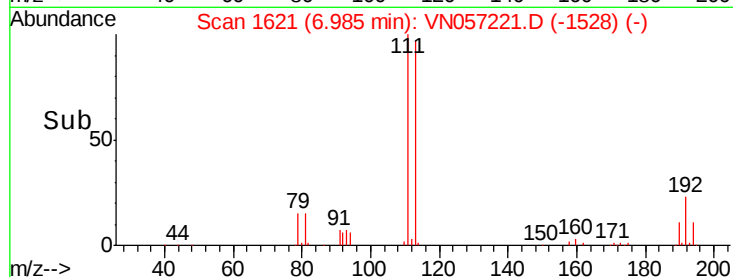
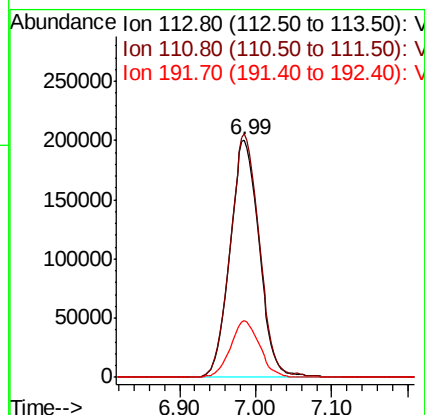
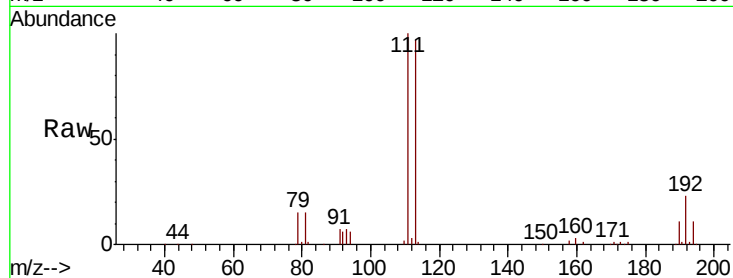
Delta R.T. -0.00 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :
MSVOA_N
ClientSampled :
2S-F4-(1)

Tgt Ion:	113	Resp:	534087
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.3	121.9
192	23.7	19.0	28.4



#36

1,1-Dichloropropene

Concen: 5.120 ug/l

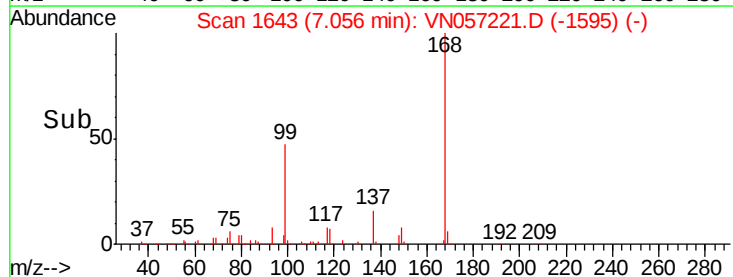
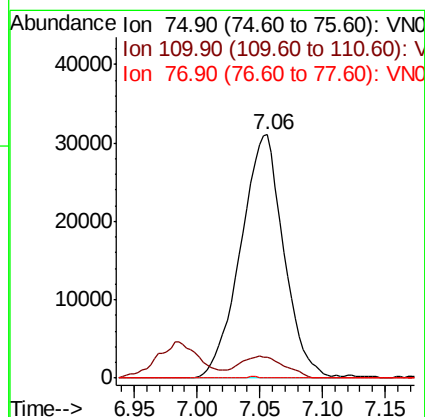
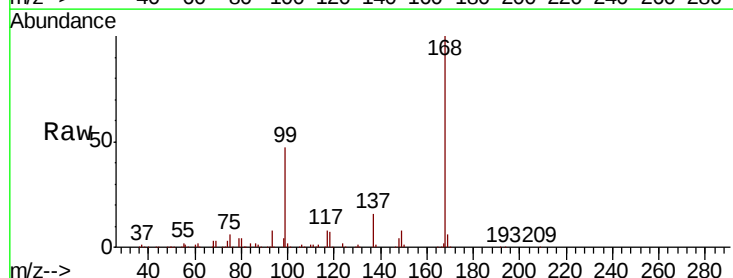
RT: 7.06 min Scan# 1643

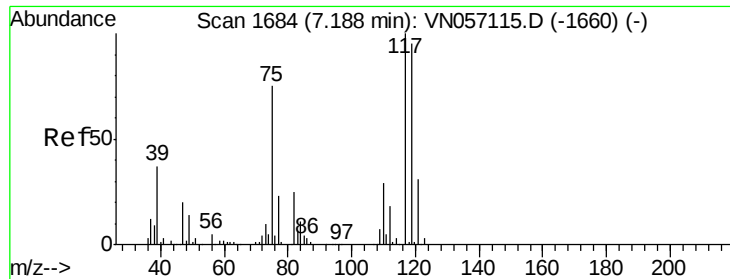
Delta R.T. -0.14 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Tgt Ion:	75	Resp:	74054
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.7	56.1#
77	0.1	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 7.008 ug/l

RT: 7.06 min Scan# 1643

Delta R.T. -0.13 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

2S-F4-(1)

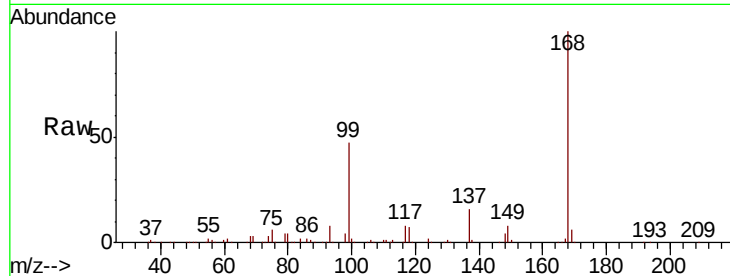
Tgt Ion:117 Resp: 105649

Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

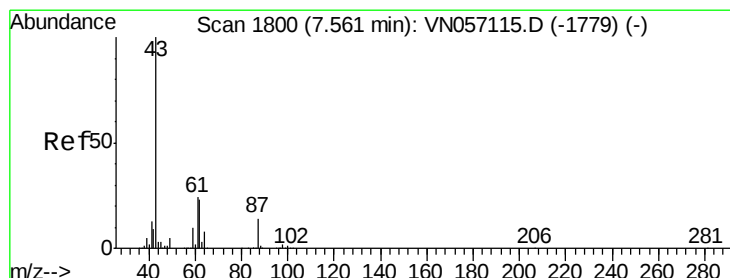
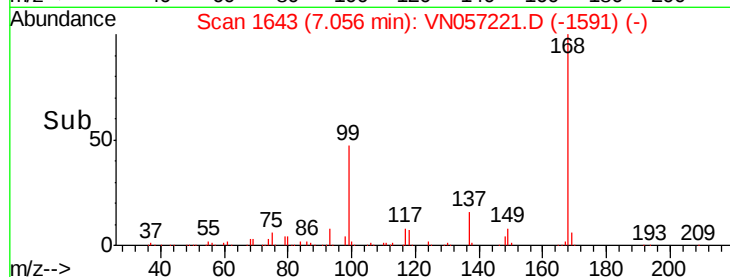
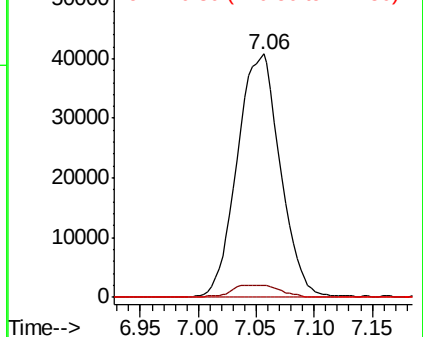
121 0.0 24.4 36.6#



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



#43

Isopropyl Acetate

Concen: 7.944 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

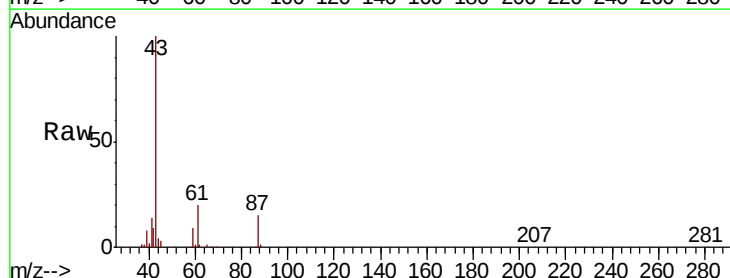
Tgt Ion: 43 Resp: 161657

Ion Ratio Lower Upper

43 100

61 19.5 24.2 36.2#

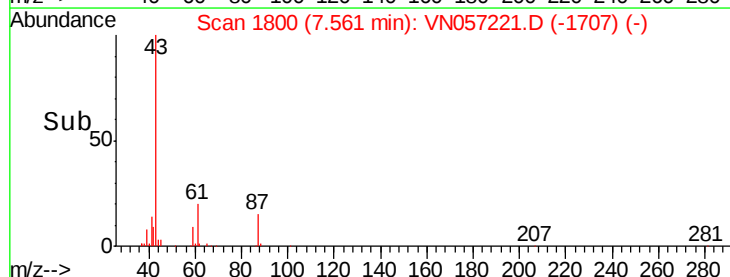
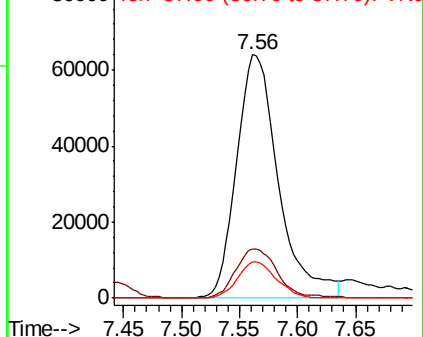
87 13.7 11.8 17.8

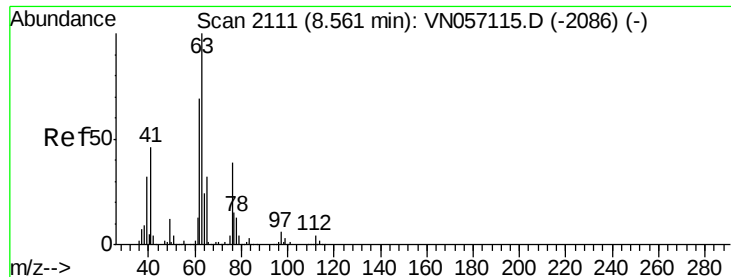


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.310 ug/l

RT: 8.71 min Scan# 2156

Delta R.T. 0.14 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

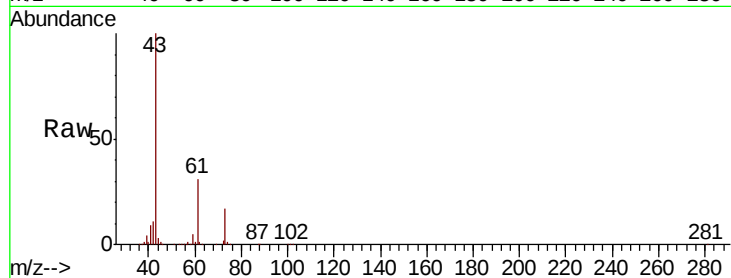
2S-F4-(1)

Tgt Ion: 63 Resp: 3674

Ion Ratio Lower Upper

63 100

65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

8.71

2500

2000

1500

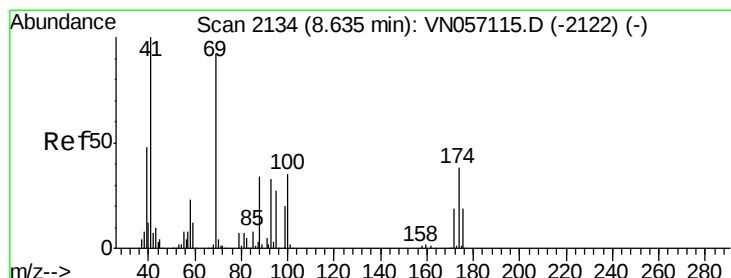
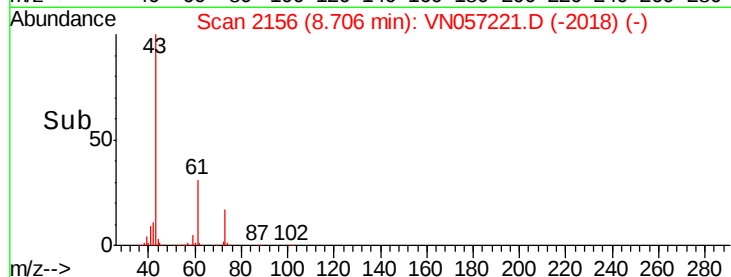
1000

500

0

8.65 8.70 8.75

Time-->



#48

Methyl methacrylate

Concen: 0.925 ug/l

RT: 8.62 min Scan# 2130

Delta R.T. -0.01 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

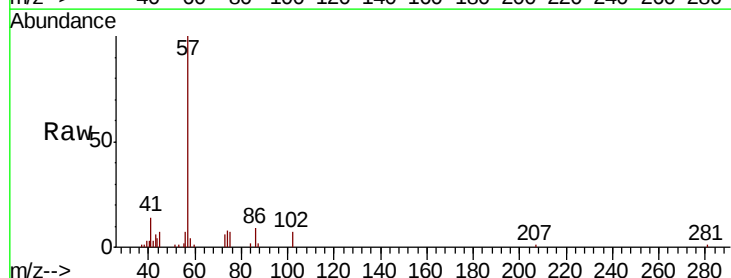
Tgt Ion: 41 Resp: 8879

Ion Ratio Lower Upper

41 100

69 0.0 77.5 116.3#

39 0.0 39.8 59.6#



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

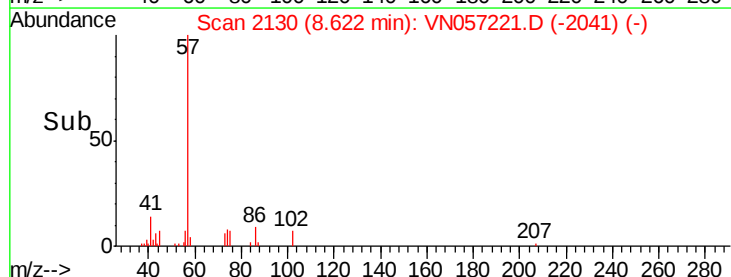
100000

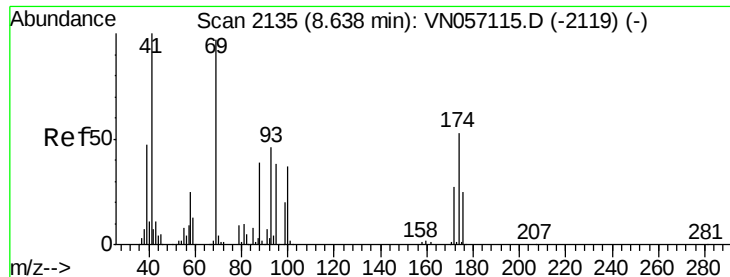
50000

0

8.55 8.60 8.65

Time-->





#49

1,4-Dioxane

Concen: 0.936 ug/l

RT: 8.69 min Scan# 2152

Delta R.T. 0.05 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

2S-F4-(1)

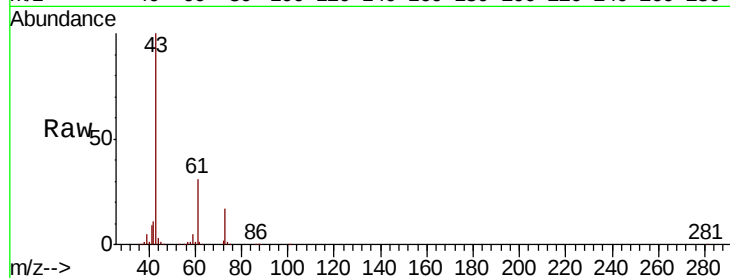
Tgt Ion: 88 Resp: 183

Ion Ratio Lower Upper

88 100

43 1403796.7 21.7 32.5#

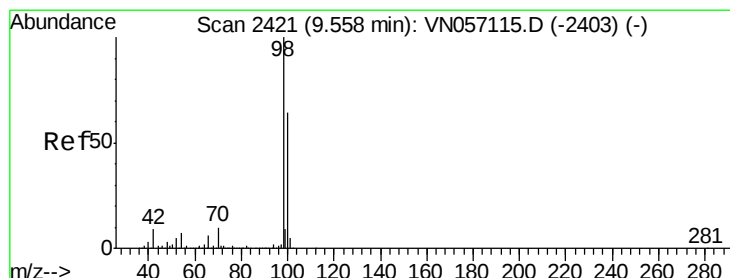
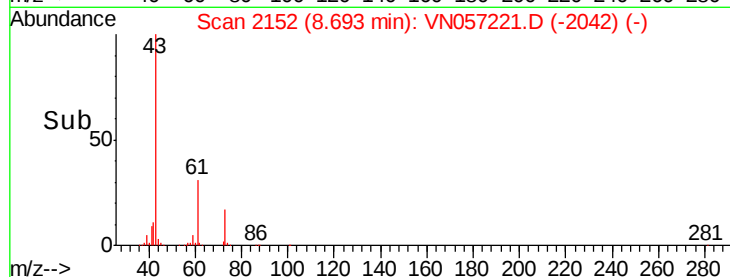
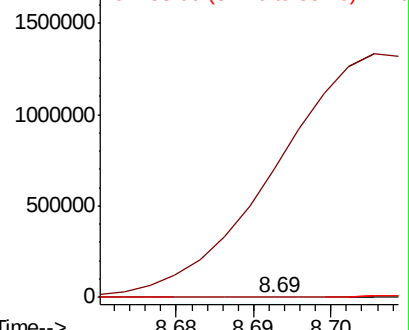
58 6579.2 51.1 76.7#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.581 ug/l

RT: 9.56 min Scan# 2422

Delta R.T. 0.00 min

Lab File: VN057221.D

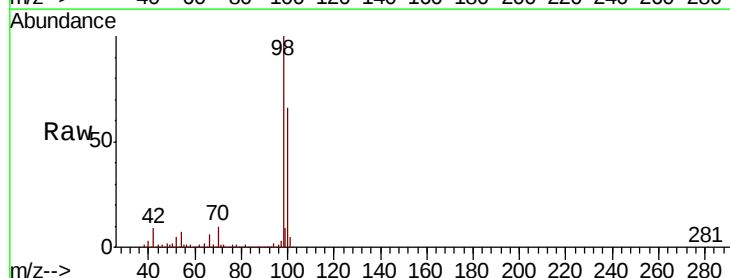
Acq: 12 Aug 2019 17:39

Tgt Ion: 98 Resp: 2048969

Ion Ratio Lower Upper

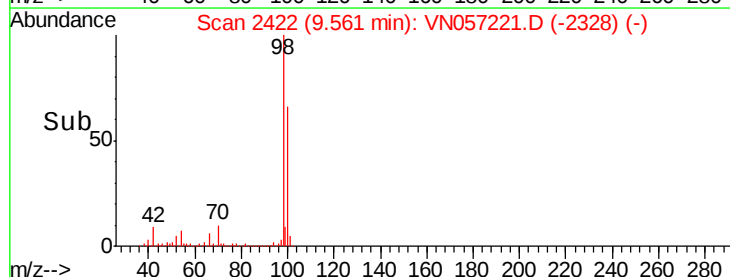
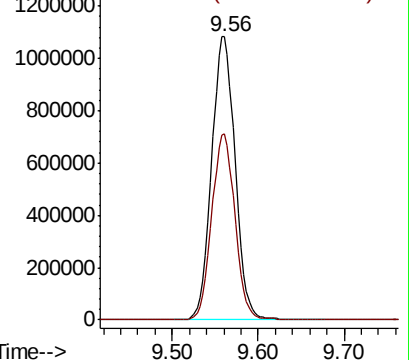
98 100

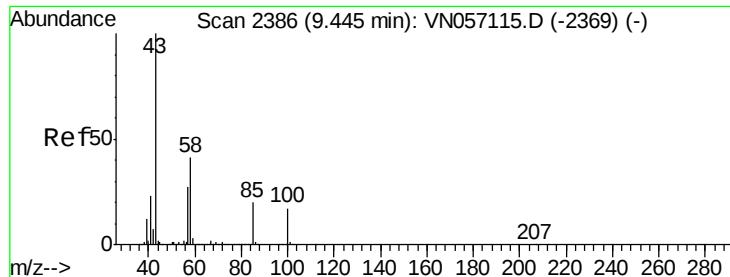
100 65.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

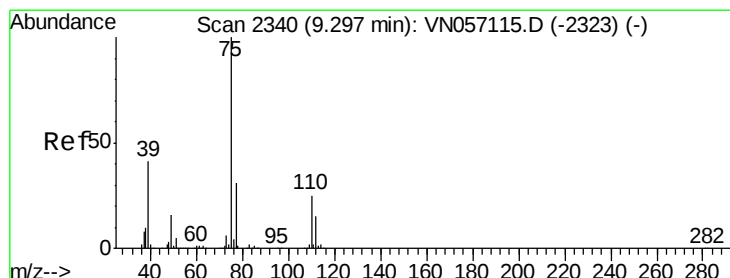
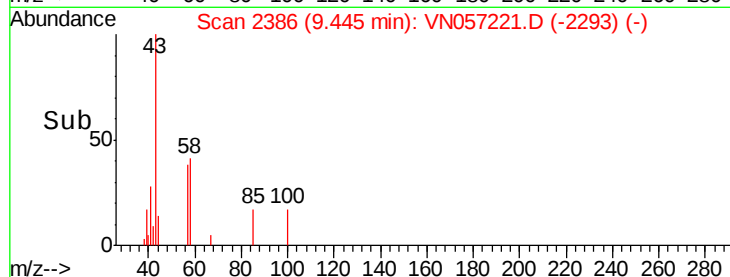
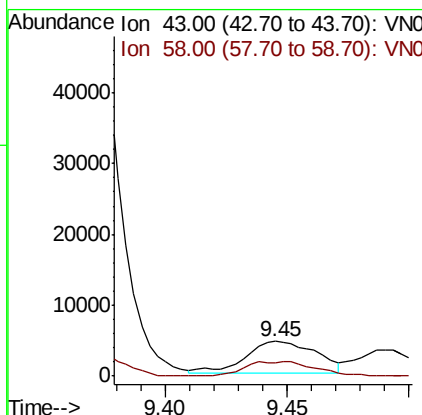
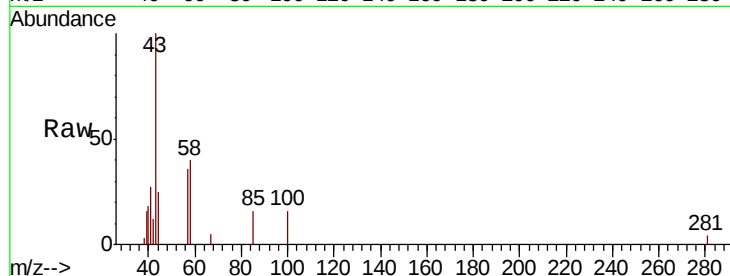




#51
 4-Methyl-2-Pentanone
 Concen: 0.770 ug/l
 RT: 9.45 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: VN057221.D
 Acq: 12 Aug 2019 17:39

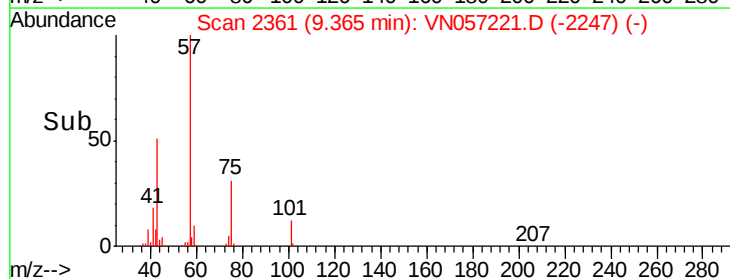
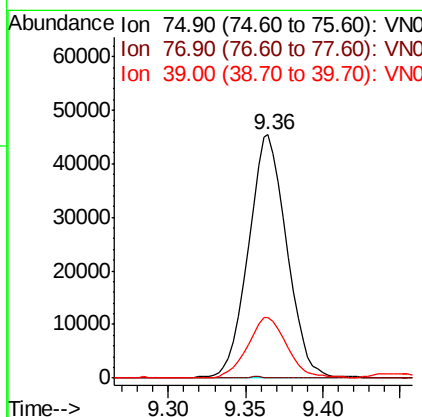
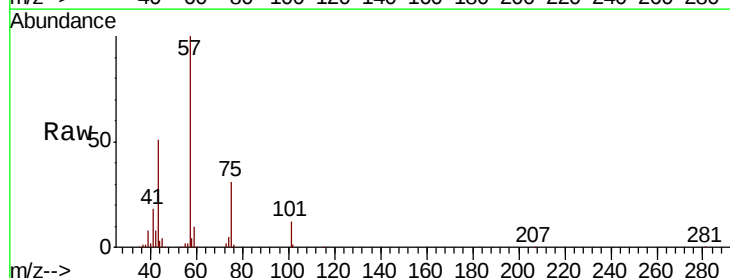
Instrument :
 MSVOA_N
 ClientSampleId :
 2S-F4-(1)

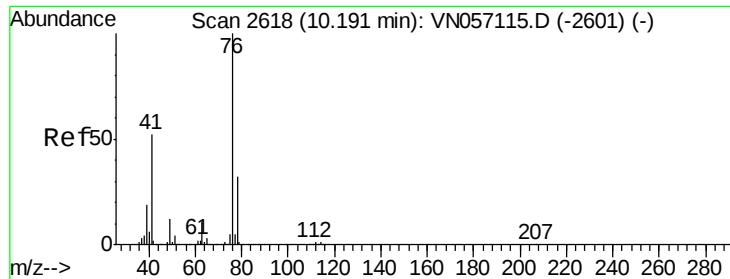
Tgt Ion: 43 Resp: 9113
 Ion Ratio Lower Upper
 43 100
 58 45.2 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.445 ug/l
 RT: 9.36 min Scan# 2361
 Delta R.T. 0.07 min
 Lab File: VN057221.D
 Acq: 12 Aug 2019 17:39

Tgt Ion: 75 Resp: 78376
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 24.4 32.5 48.7#

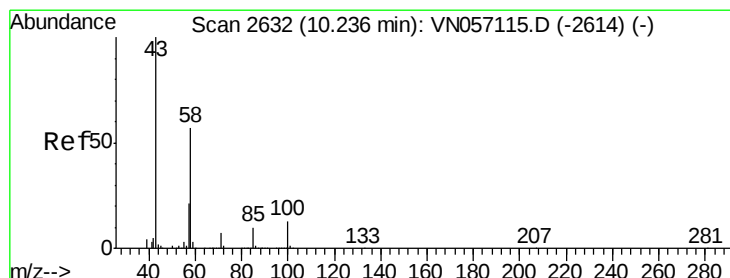
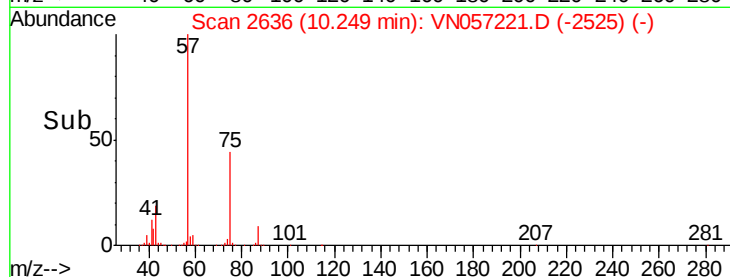
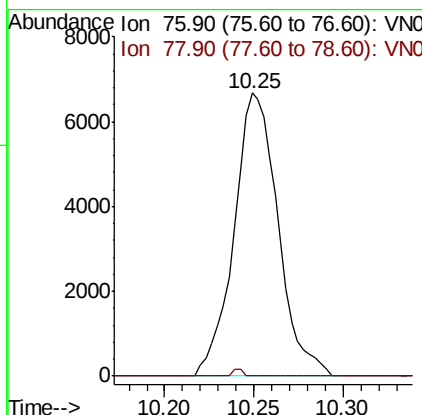
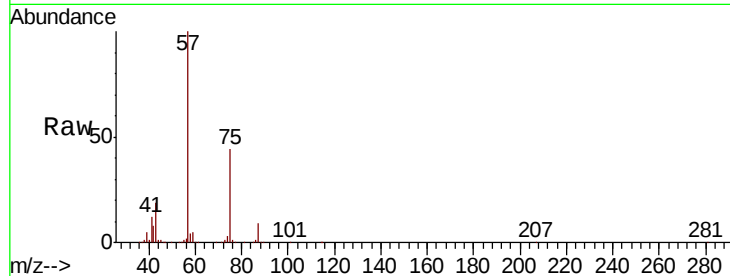




#57
 1,3-Dichloropropane
 Concen: 0.622 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.06 min
 Lab File: VN057221.D
 Acq: 12 Aug 2019 17:39

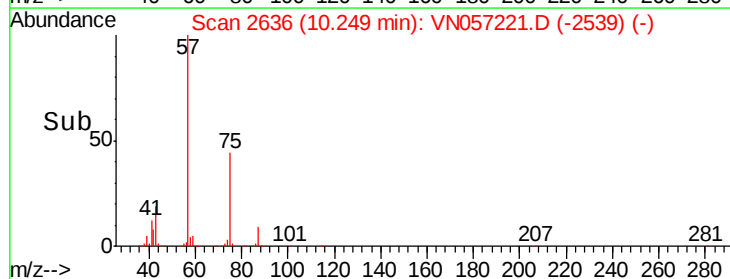
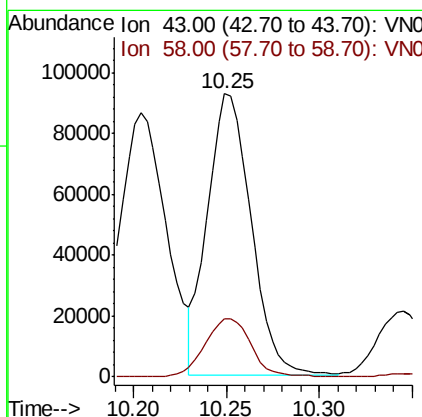
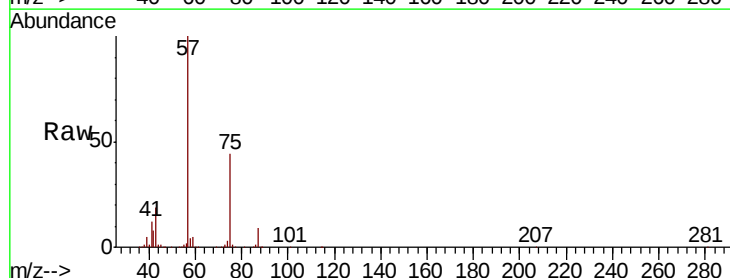
Instrument :
 MSVOA_N
 ClientSampleId :
 2S-F4-(1)

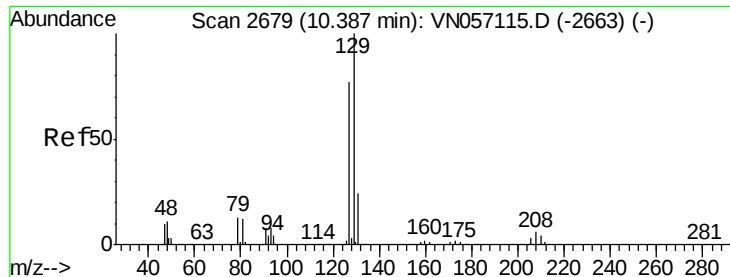
Tgt Ion: 76 Resp: 11465
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.9 38.9#



#59
 2-Hexanone
 Concen: 18.973 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.01 min
 Lab File: VN057221.D
 Acq: 12 Aug 2019 17:39

Tgt Ion: 43 Resp: 152065
 Ion Ratio Lower Upper
 43 100
 58 21.9 29.2 87.6#





#60

Dibromochloromethane

Concen: 0.204 ug/l

RT: 10.11 min Scan# 2593

Delta R.T. -0.28 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

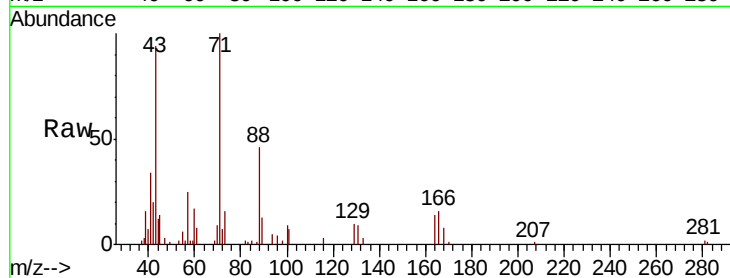
2S-F4-(1)

Tgt Ion:129 Resp: 2400

Ion Ratio Lower Upper

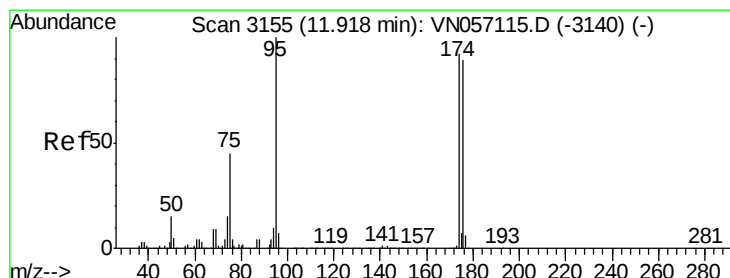
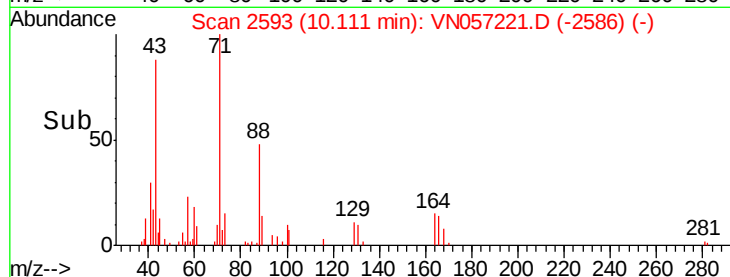
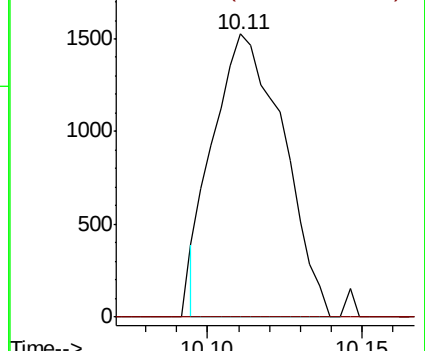
129 100

127 0.0 38.6 116.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 39.503 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

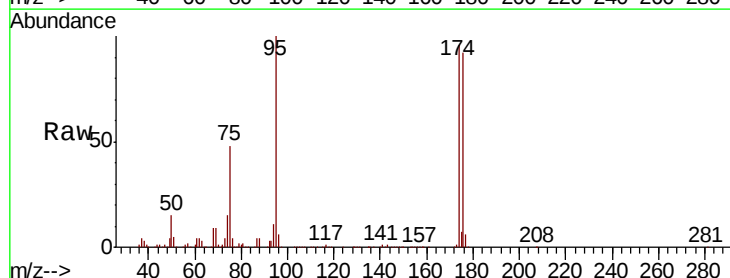
Tgt Ion: 95 Resp: 536839

Ion Ratio Lower Upper

95 100

174 95.6 0.0 185.0

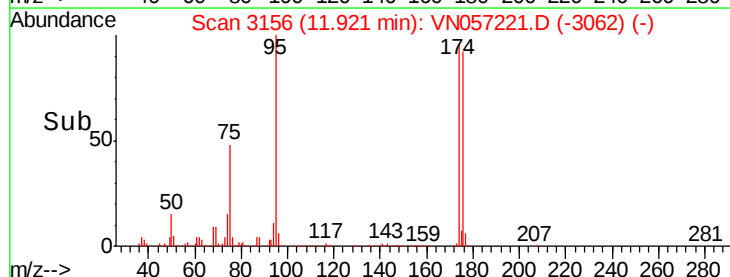
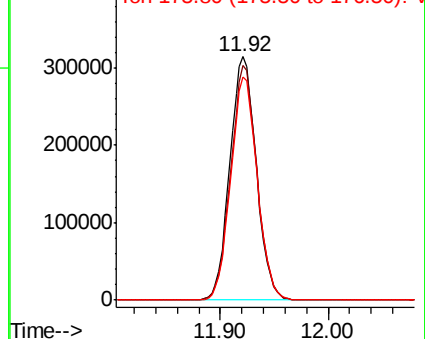
176 91.9 0.0 181.2

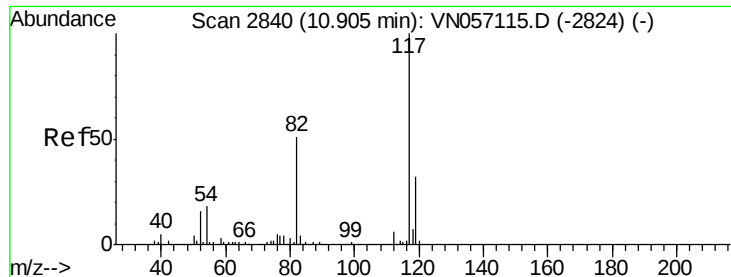


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampled :

2S-F4-(1)

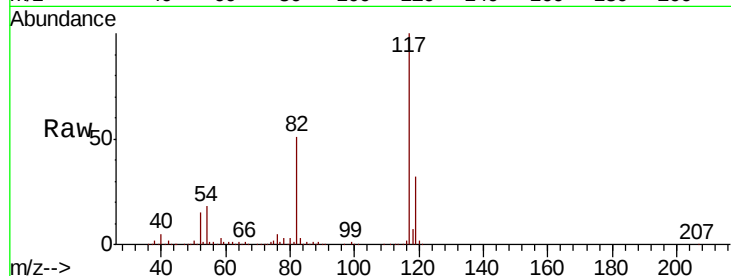
Tgt Ion:117 Resp: 1486727

Ion Ratio Lower Upper

117 100

82 50.9 40.8 61.2

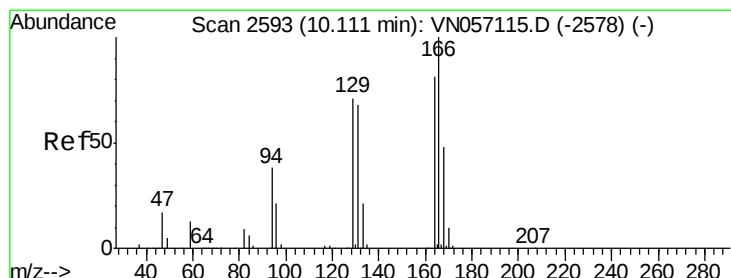
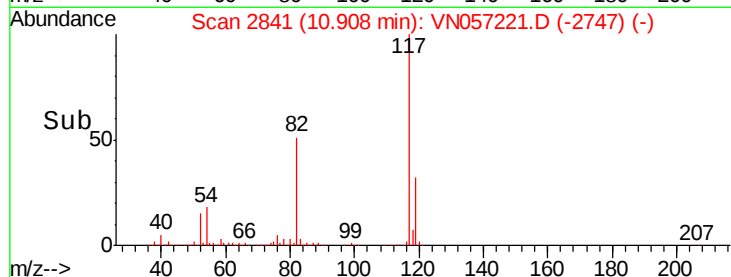
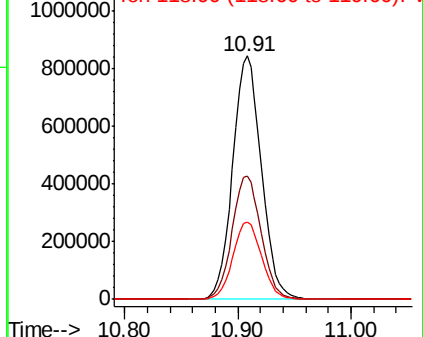
119 31.9 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.321 ug/l

RT: 10.12 min Scan# 2595

Delta R.T. 0.01 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Tgt Ion:164 Resp: 3974

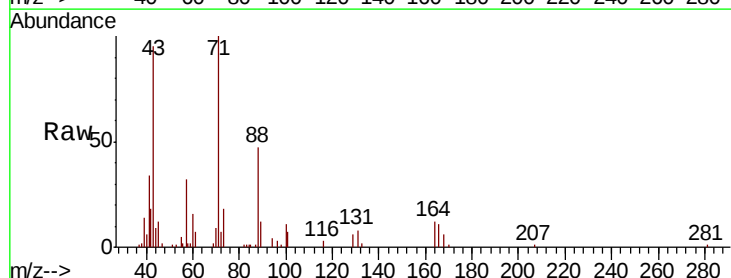
Ion Ratio Lower Upper

164 100

166 88.8 98.3 147.5#

129 47.0 69.8 104.6#

131 68.3 66.8 100.2

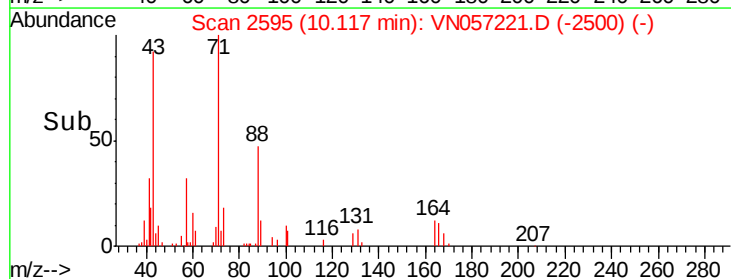
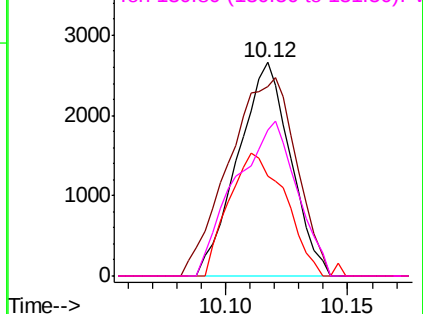


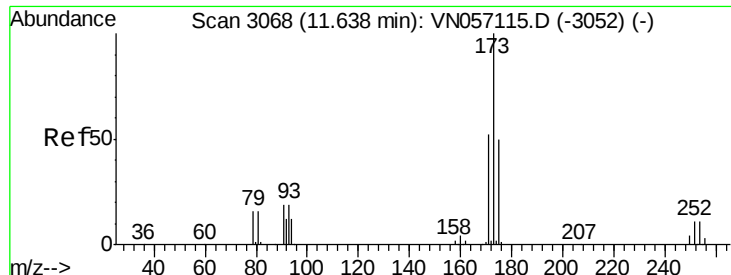
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

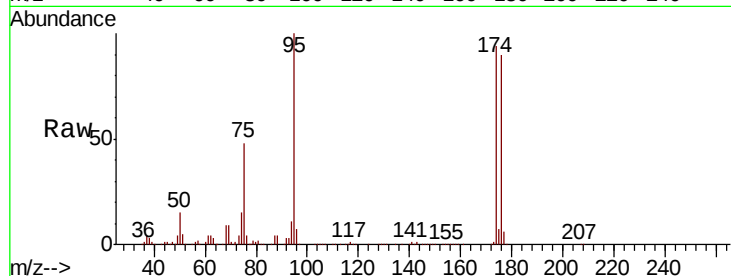




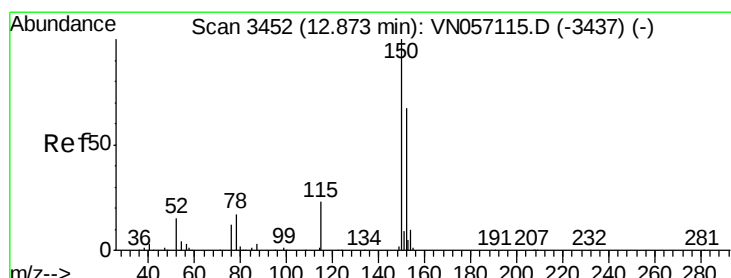
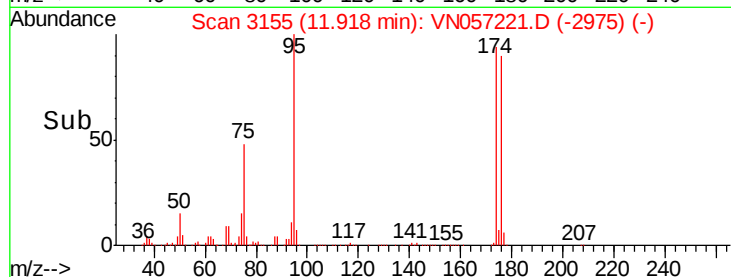
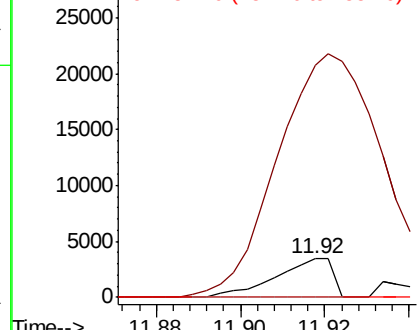
#71
Bromoform
Concen: 0.395 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. 0.28 min
Lab File: VN057221.D
Acq: 12 Aug 2019 17:39

Instrument :
MSVOA_N
ClientSampleId :
2S-F4-(1)

Tgt Ion:173 Resp: 3236
Ion Ratio Lower Upper
173 100
175 746.1 24.6 73.8#
254 0.0 0.1 0.1#

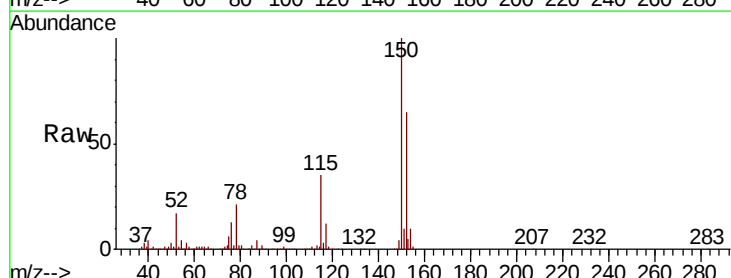


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

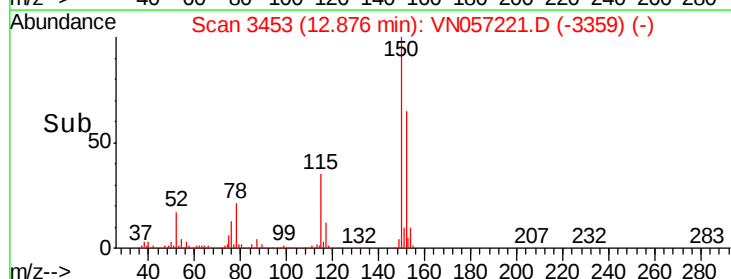
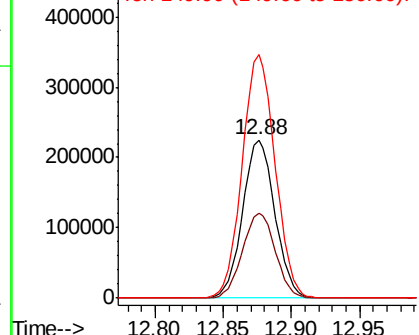


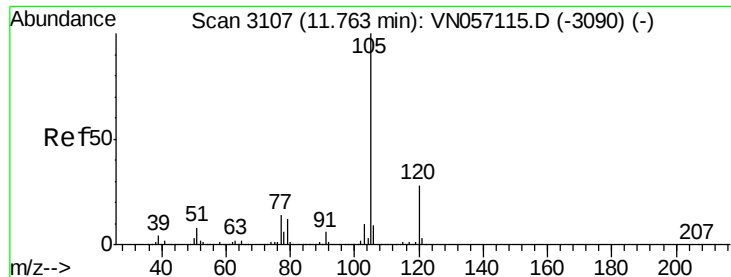
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057221.D
Acq: 12 Aug 2019 17:39

Tgt Ion:152 Resp: 370123
Ion Ratio Lower Upper
152 100
115 54.5 27.5 82.5
150 156.4 0.0 341.6



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: 11.77 min Scan# 3109

Delta R.T. 0.01 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

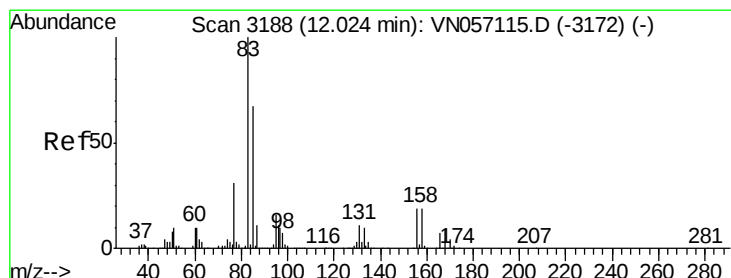
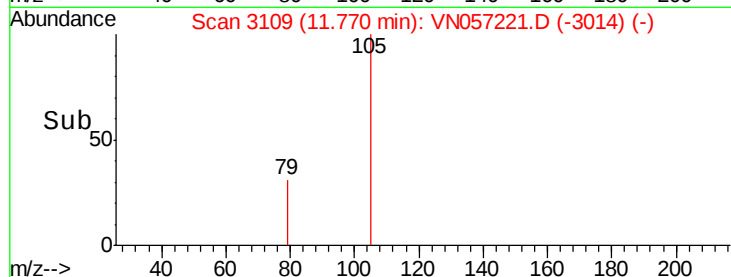
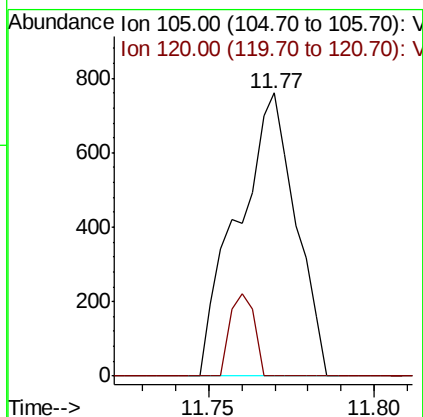
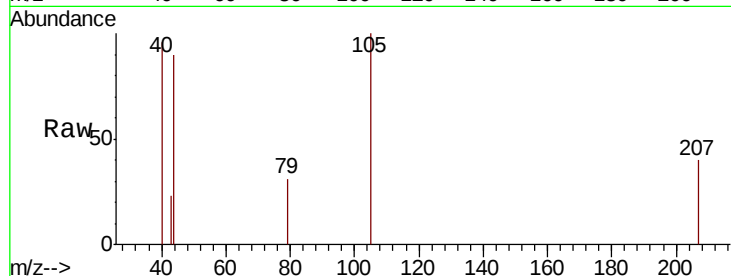
2S-F4-(1)

Tgt Ion: 105 Resp: 925

Ion Ratio Lower Upper

105 100

120 12.1 13.7 41.0#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.92 min Scan# 3157

Delta R.T. -0.10 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

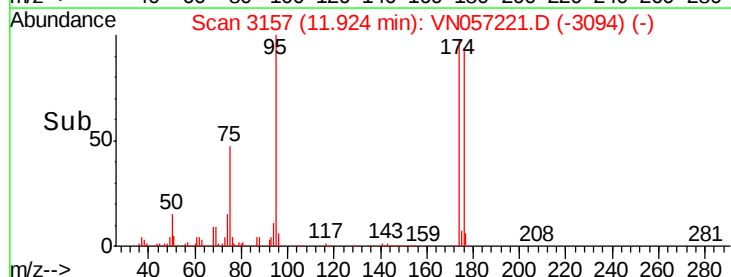
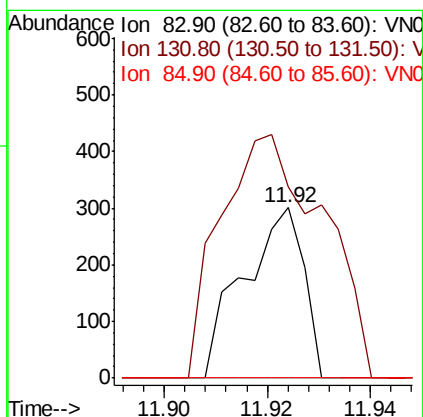
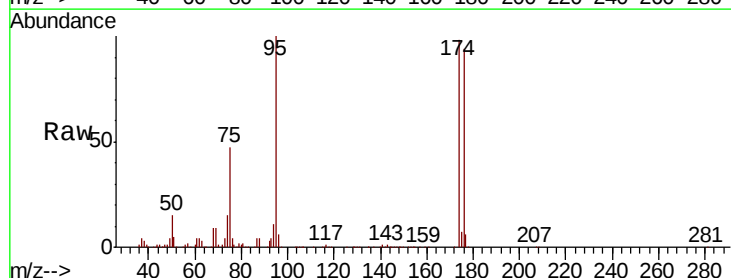
Tgt Ion: 83 Resp: 243

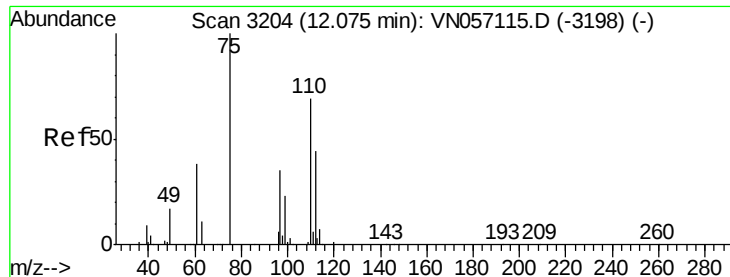
Ion Ratio Lower Upper

83 100

131 243.2 5.5 16.4#

85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 33.901 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampled :

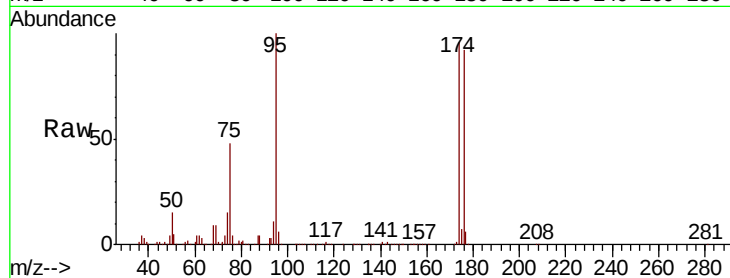
2S-F4-(1)

Tgt Ion: 75 Resp: 251794

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

150000

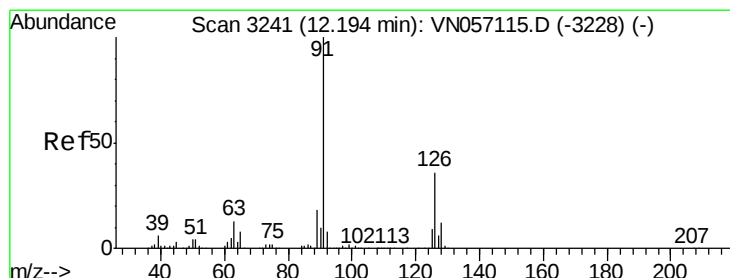
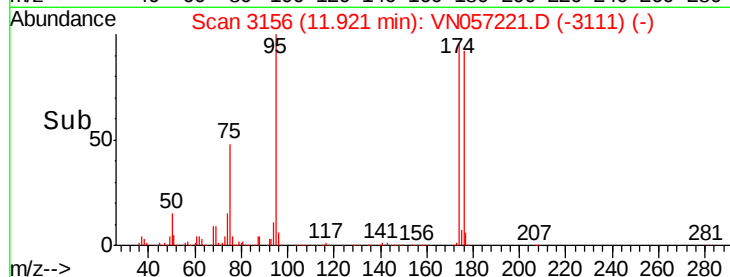
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.30 min Scan# 3275

Delta R.T. 0.11 min

Lab File: VN057221.D

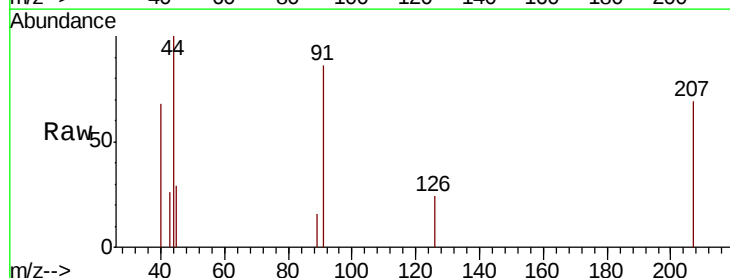
Acq: 12 Aug 2019 17:39

Tgt Ion: 91 Resp: 1005

Ion Ratio Lower Upper

91 100

126 21.7 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

800

600

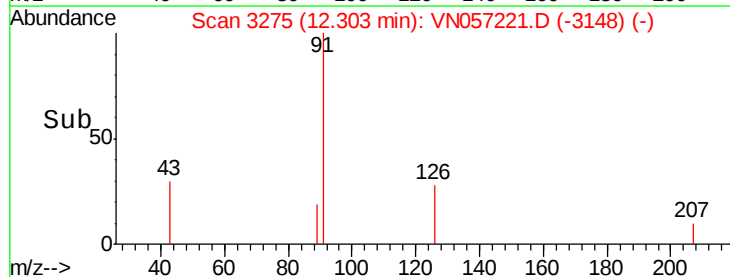
400

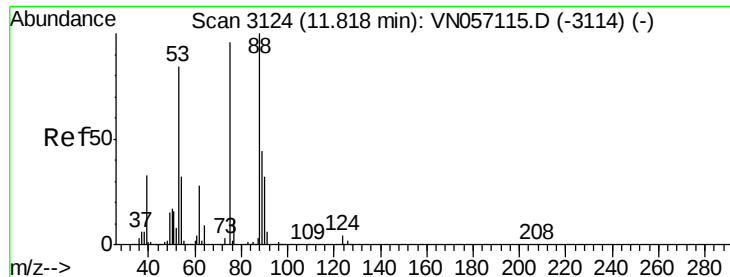
200

0

12.30

Time-->

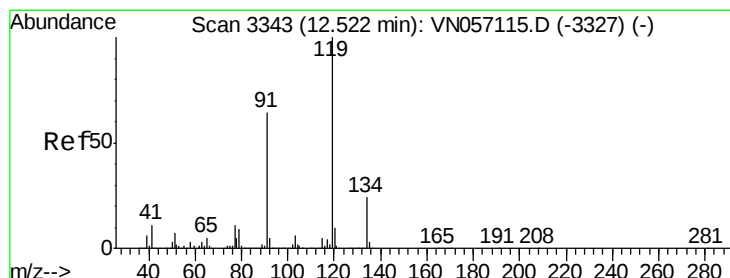
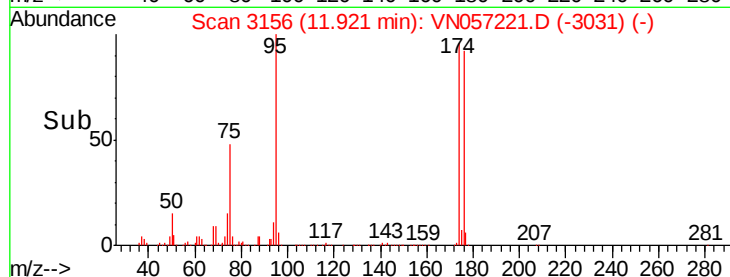
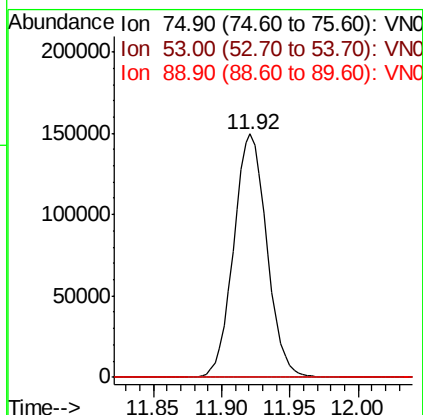
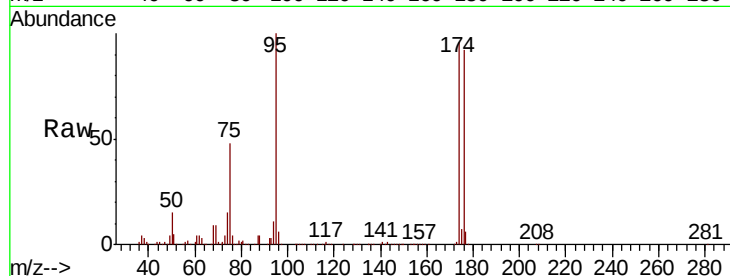




#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.028 ug/l
 RT: 11.92 min Scan# 3156
 Delta R.T. 0.10 min
 Lab File: VN057221.D
 Acq: 12 Aug 2019 17:39

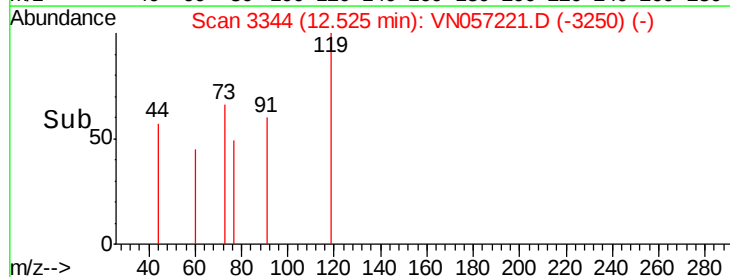
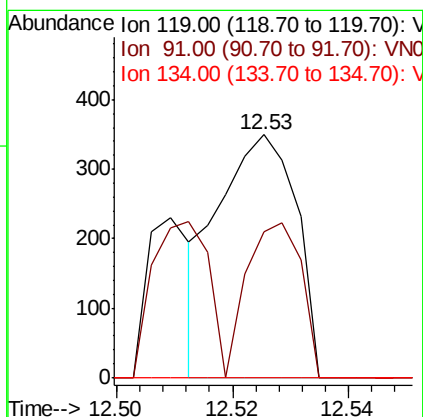
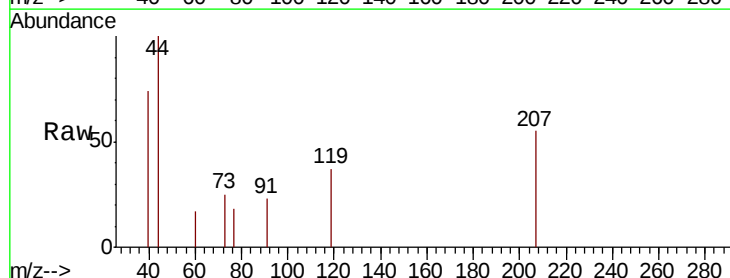
Instrument :
 MSVOA_N
 ClientSampleId :
 2S-F4-(1)

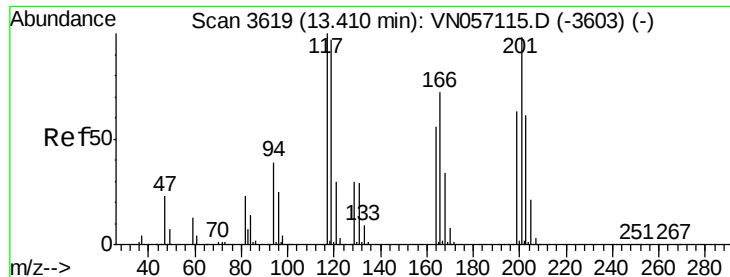
Tgt Ion: 75 Resp: 251794
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.6 106.0#
 89 0.0 36.4 54.6#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.53 min Scan# 3344
 Delta R.T. 0.00 min
 Lab File: VN057221.D
 Acq: 12 Aug 2019 17:39

Tgt Ion: 119 Resp: 328
 Ion Ratio Lower Upper
 119 100
 91 44.2 31.4 94.2
 134 0.0 13.2 39.6#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.52 min Scan# 3654

Delta R.T. 0.11 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

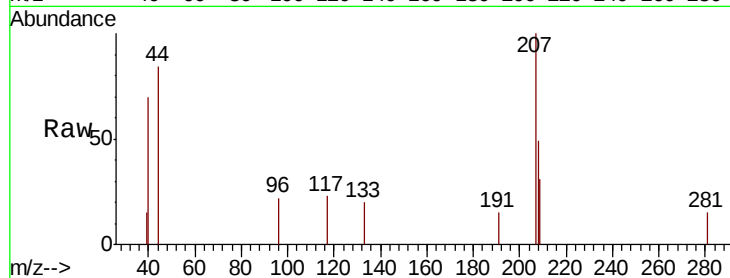
2S-F4-(1)

Tgt Ion:117 Resp: 130

Ion Ratio Lower Upper

117 100

201 0.0 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.52

250

200

150

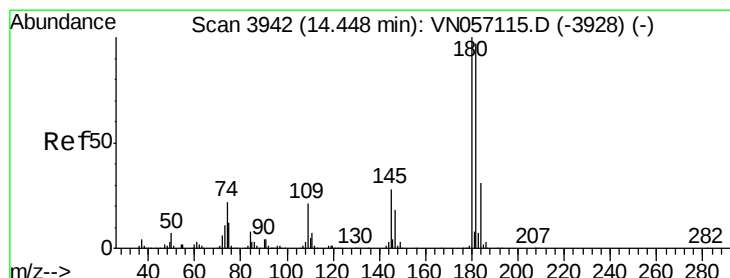
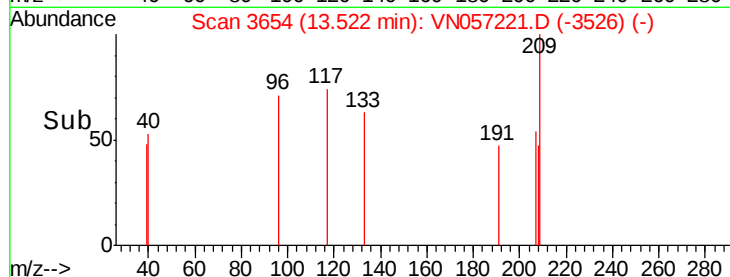
100

50

0

13.51 13.52 13.53

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 6.068 ug/l

RT: 14.45 min Scan# 3944

Delta R.T. 0.01 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

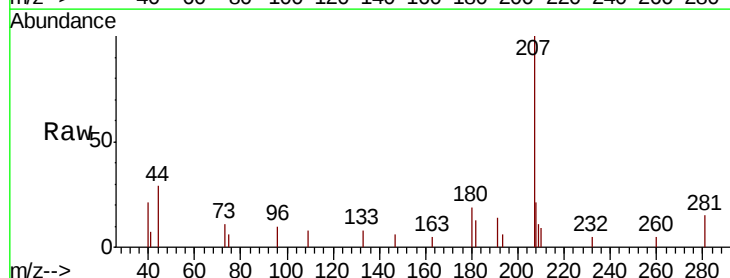
Tgt Ion:180 Resp: 837

Ion Ratio Lower Upper

180 100

182 61.2 47.5 142.6

145 7.4 14.1 42.2#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

600

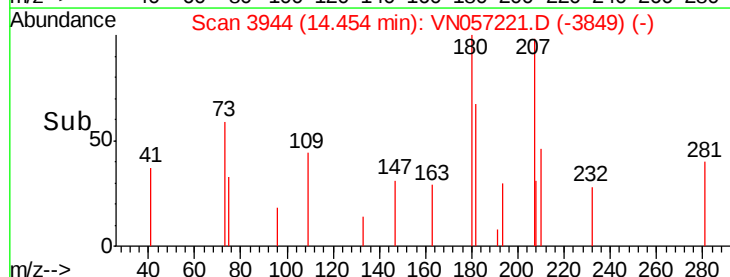
400

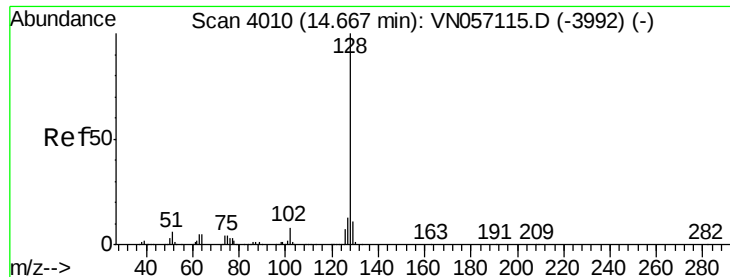
200

0

14.45

Time-->





#95

Naphthalene

Concen: 3.293 ug/l

RT: 14.68 min Scan# 4013

Delta R.T. 0.01 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

2S-F4-(1)

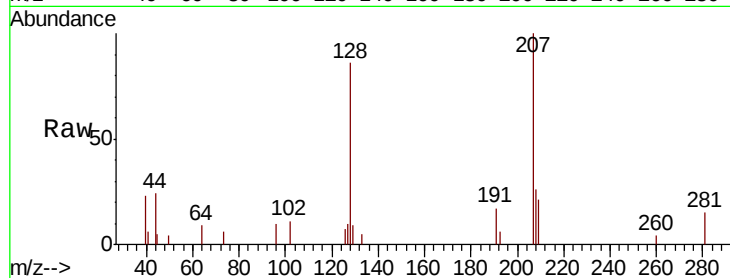
Tgt Ion:128 Resp: 4682

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

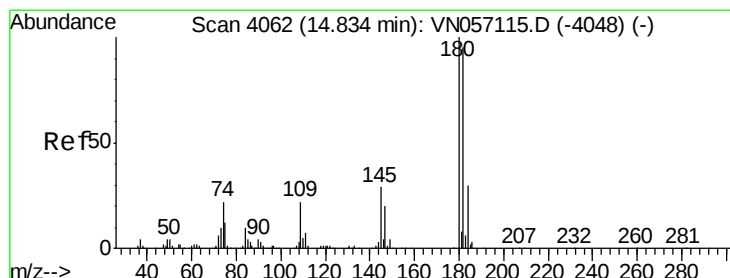
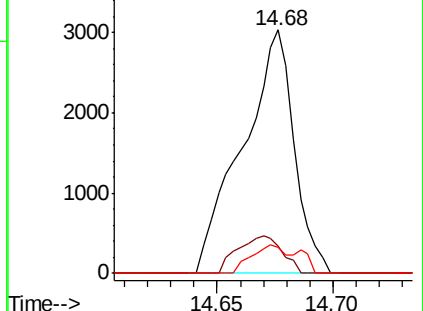
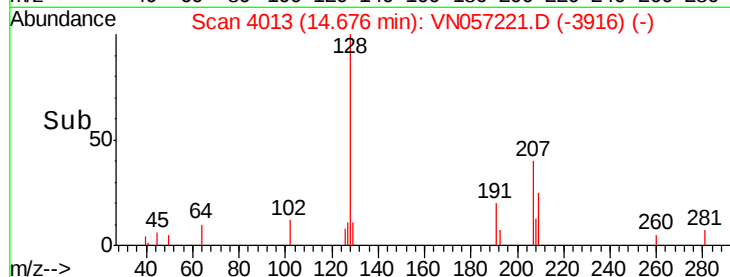
129 10.6 8.8 13.2



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: 5.874 ug/l

RT: 14.83 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VN057221.D

Acq: 12 Aug 2019 17:39

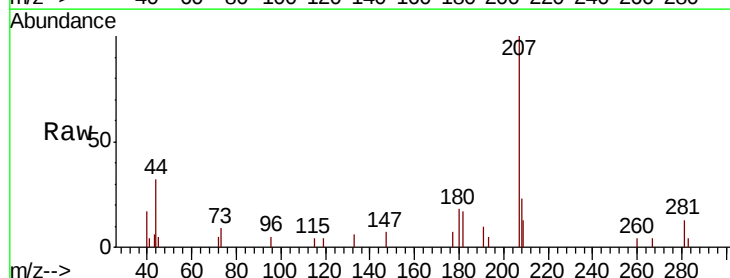
Tgt Ion:180 Resp: 957

Ion Ratio Lower Upper

180 100

182 95.5 48.3 144.8

145 3.4 14.9 44.5#



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

