

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
 Data File : VN057382.D
 Acq On : 17 Aug 2019 2:52
 Operator : JC/SP
 Sample : K4272-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-G4-(1)

Quant Time: Aug 17 03:50:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1107528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1539930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1327487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347092	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	521203	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	
35) Dibromofluoromethane	7.58	113	465308	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	10.09	98	1810894	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.40	95	487235	37.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.68%	

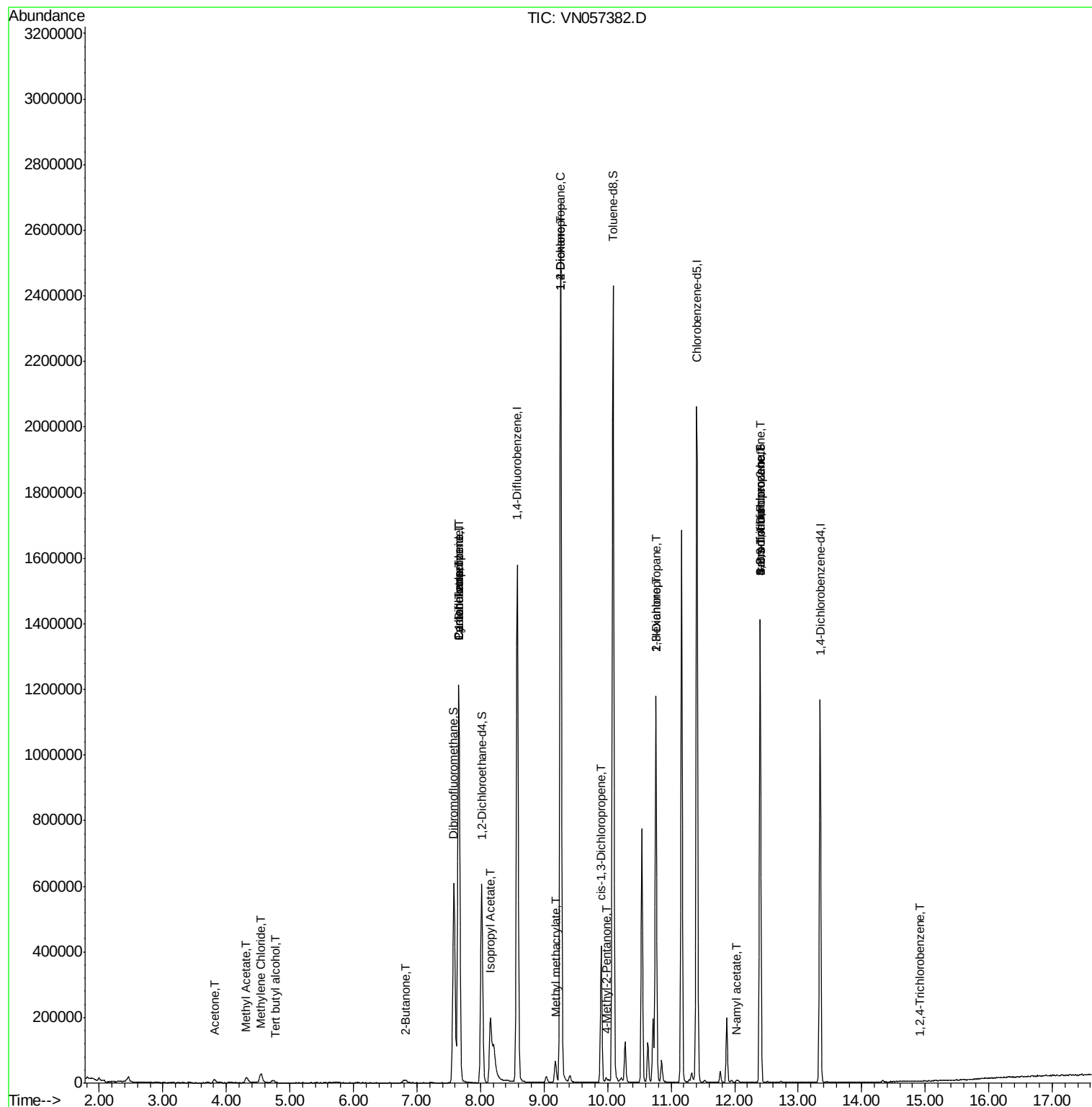
Target Compounds				Qvalue		
11) Tert butyl alcohol	4.79	59	349	0.204	ug/l #	73
16) Acetone	3.81	43	14297	3.423	ug/l	97
18) Methyl Acetate	4.31	43	32776	0.544	ug/l	98
20) Methylene Chloride	4.55	84	23195	1.985	ug/l	93
25) 2-Butanone	6.82	43	3906	0.646	ug/l	93
31) Cyclohexane	7.65	56	16487	1.005	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	64968	4.778	ug/l #	47
38) Carbon Tetrachloride	7.66	117	92243	6.530	ug/l #	16
43) Isopropyl Acetate	8.16	43	246475	11.228	ug/l #	81
45) 1,2-Dichloropropane	9.26	63	3593	0.335	ug/l #	44
48) Methyl methacrylate	9.18	41	9048	0.987	ug/l #	11
49) 1,4-Dioxane	9.26	88	256	1.327	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	9382	0.817	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	82992	4.911	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	13564	0.798	ug/l #	43
59) 2-Hexanone	10.76	43	164094	19.867	ug/l #	50
71) Bromoform	12.40	173	4260	0.521	ug/l #	1
73) Isopropylbenzene	12.41	105	442	Below Cal	#	49
74) N-amyl acetate	12.03	43	4268	0.424	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.40	83	137	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	226985	32.562	ug/l #	100
77) Bromobenzene	12.41	156	74	Below Cal	#	1
79) 2-Chlorotoluene	12.65	91	61	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	1766	Below Cal		80
81) trans-1,4-Dichloro-2-buten	12.40	75	226985	79.743	ug/l #	15
83) tert-Butylbenzene	12.74	119	161	Below Cal	#	28
85) sec-Butylbenzene	13.17	105	109	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.90	180	100	5.376	ug/l #	12
95) Naphthalene	15.14	128	193	Below Cal	#	69

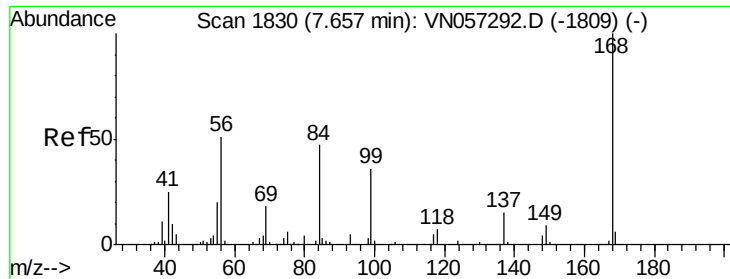
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

Instrument :

MSVOA_N

ClientSampled :

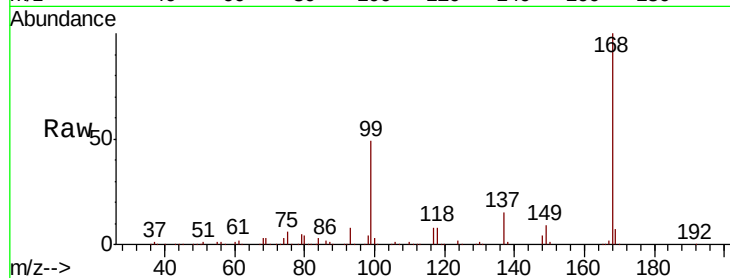
2S-G4-(1)

Tgt Ion:168 Resp: 1107528

Ion Ratio Lower Upper

168 100

99 49.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

500000

400000

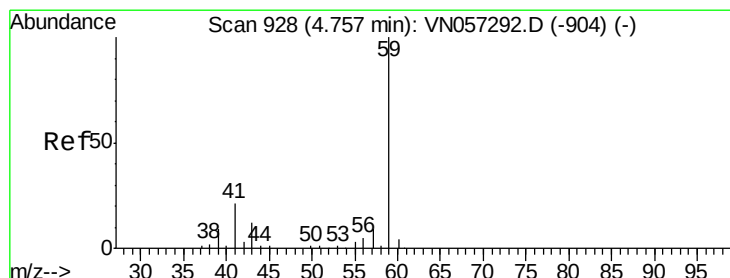
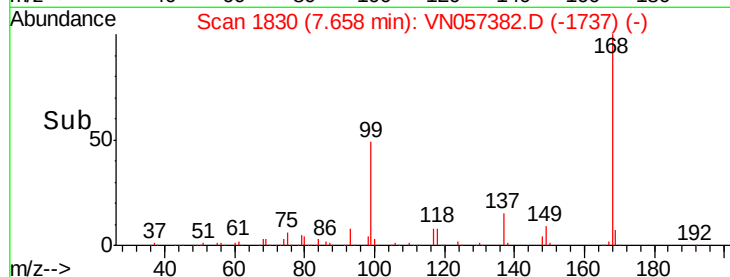
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.204 ug/l

RT: 4.79 min Scan# 937

Delta R.T. 0.03 min

Lab File: VN057382.D

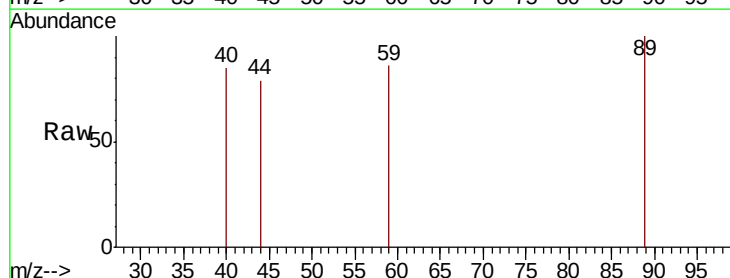
Acq: 17 Aug 2019 2:52

Tgt Ion: 59 Resp: 349

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

800

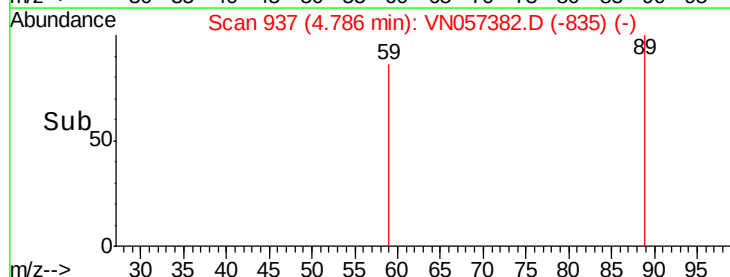
600

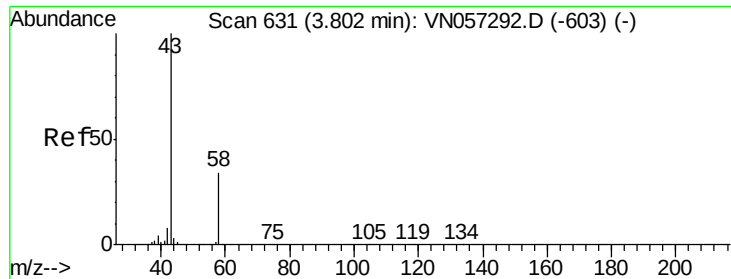
400

200

0

Time--> 4.77 4.78 4.79 4.80 4.81

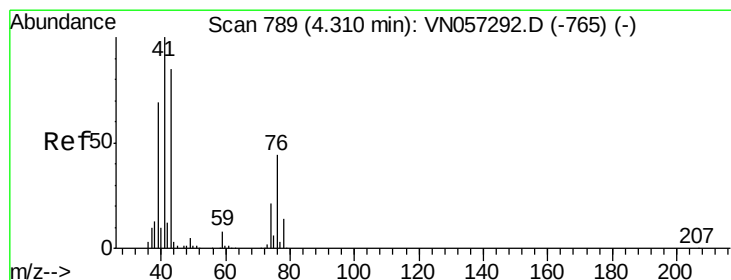
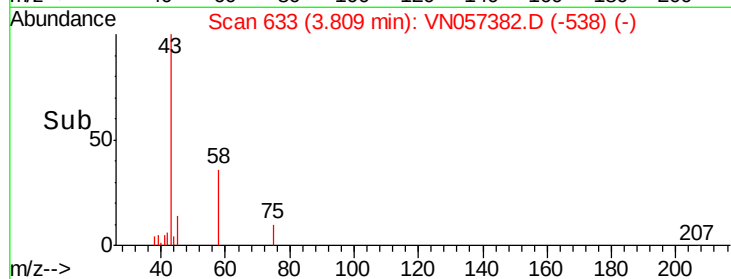
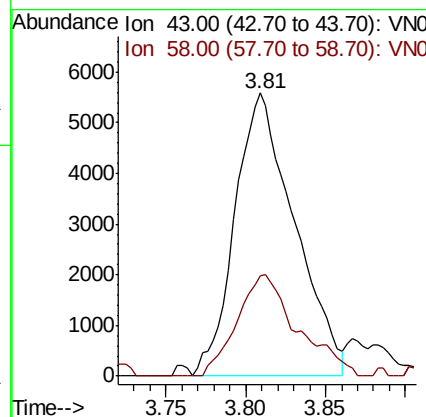
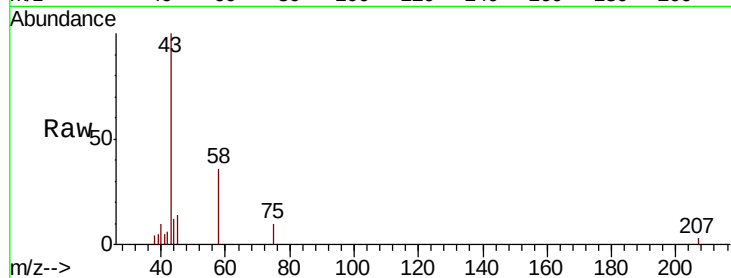




#16
Acetone
Concen: 3.423 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.01 min
Lab File: VN057382.D
Acq: 17 Aug 2019 2:52

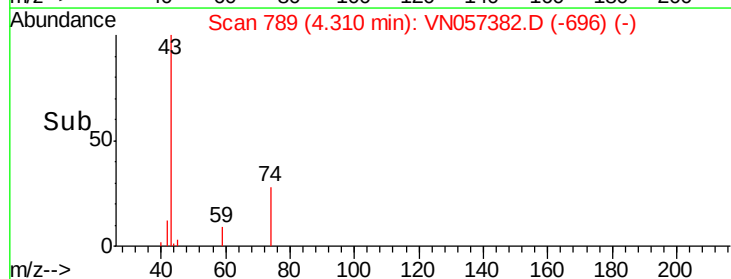
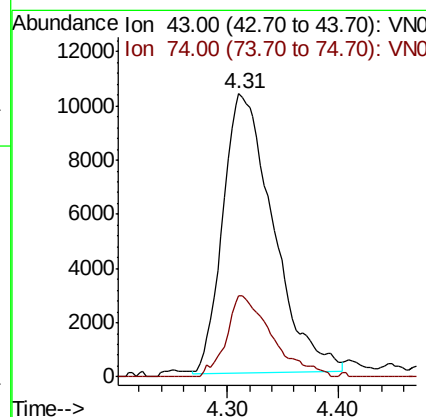
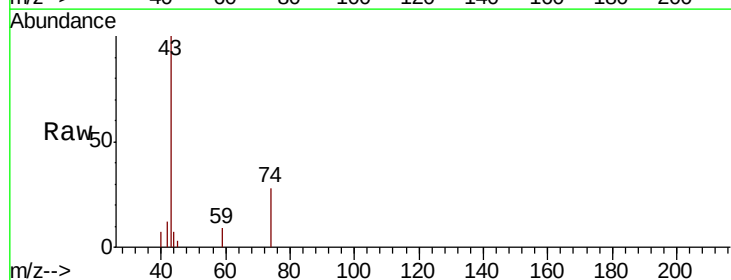
Instrument :
MSVOA_N
ClientSampled :
2S-G4-(1)

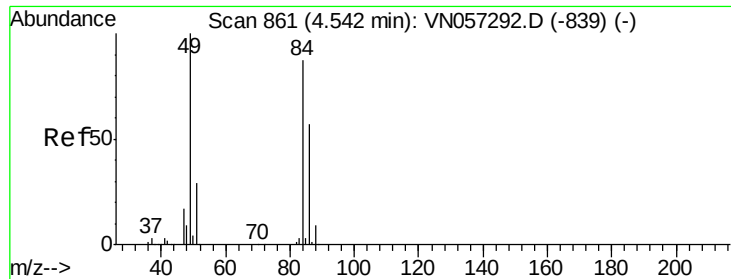
Tgt Ion: 43 Resp: 14297
Ion Ratio Lower Upper
43 100
58 35.5 27.0 40.6



#18
Methyl Acetate
Concen: 0.544 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN057382.D
Acq: 17 Aug 2019 2:52

Tgt Ion: 43 Resp: 32776
Ion Ratio Lower Upper
43 100
74 26.2 20.2 30.2

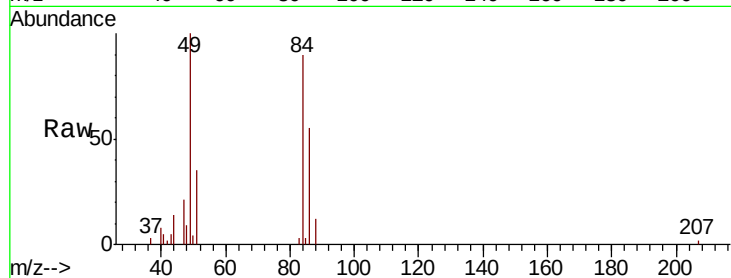




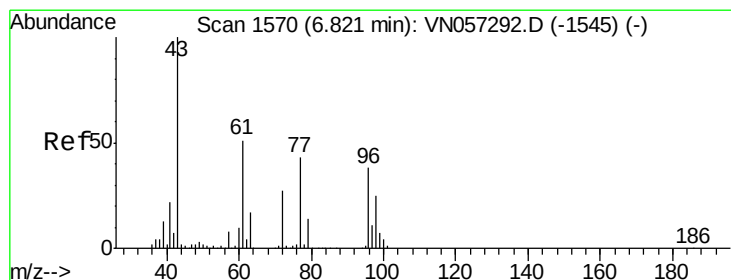
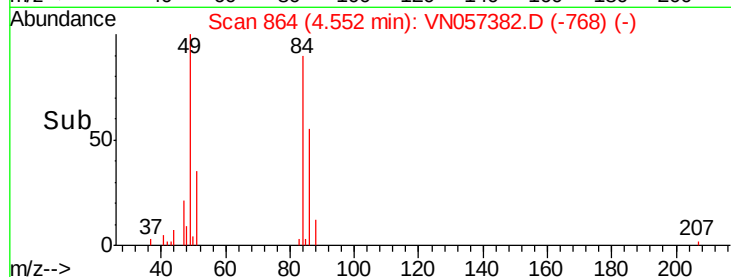
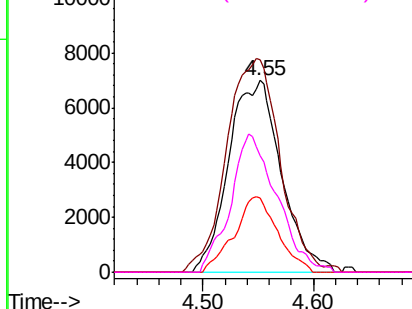
#20
Methylene Chloride
Concen: 1.985 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN057382.D
Acq: 17 Aug 2019 2:52

Instrument :
MSVOA_N
ClientSampleId :
2S-G4-(1)

Tgt Ion:	84	Resp:	23195
Ion	Ratio	Lower	Upper
84	100		
49	107.9	92.0	138.0
51	38.5	27.1	40.7
86	60.5	52.2	78.2

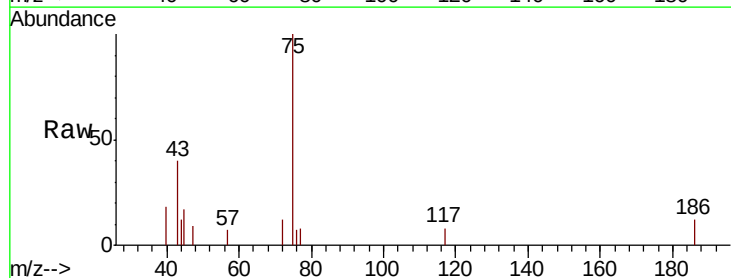


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

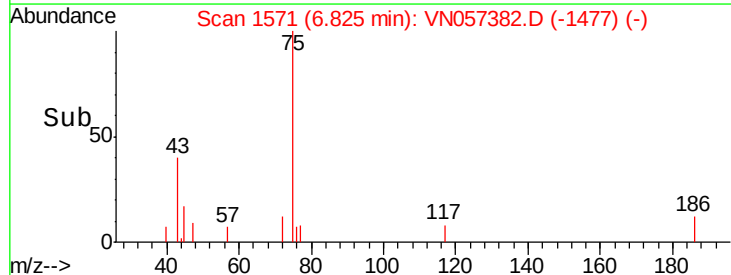
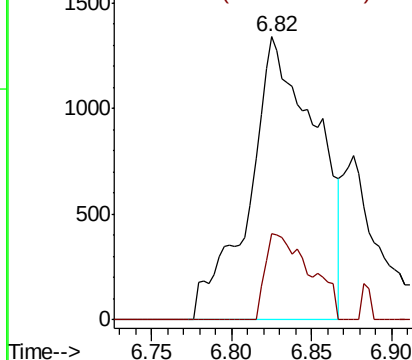


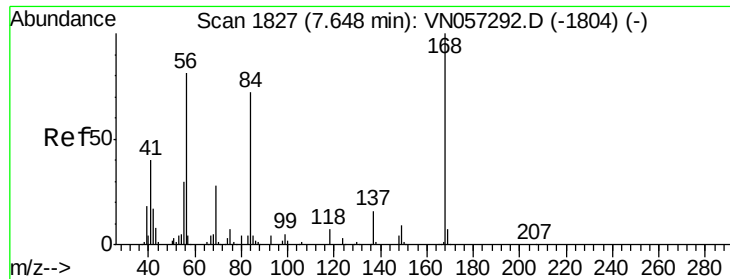
#25
2-Butanone
Concen: 0.646 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN057382.D
Acq: 17 Aug 2019 2:52

Tgt Ion:	43	Resp:	3906
Ion	Ratio	Lower	Upper
43	100		
72	30.5	21.5	32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

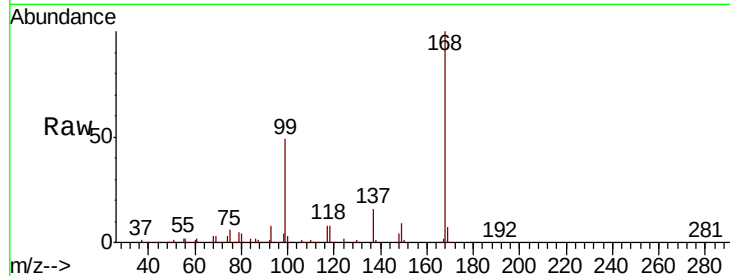




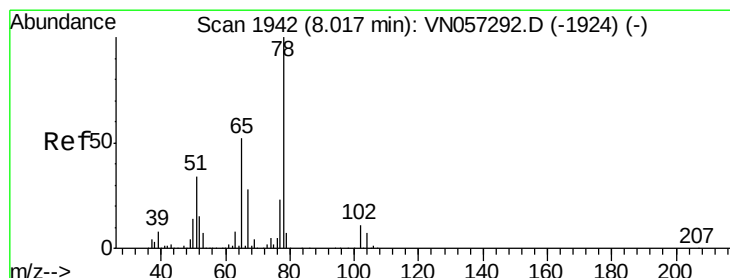
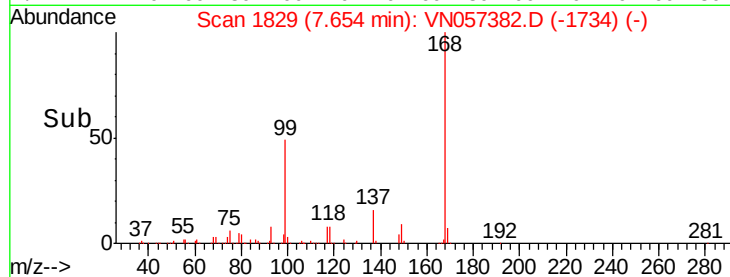
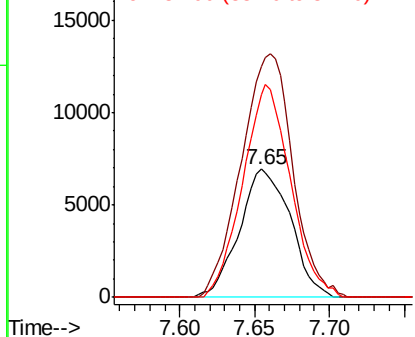
#31
Cyclohexane
Concen: 1.005 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN057382.D
Acq: 17 Aug 2019 2:52

Instrument :
MSVOA_N
ClientSampled :
2S-G4-(1)

Tgt Ion: 56 Resp: 16487
Ion Ratio Lower Upper
56 100
69 180.1 27.3 40.9#
84 157.9 71.0 106.6#

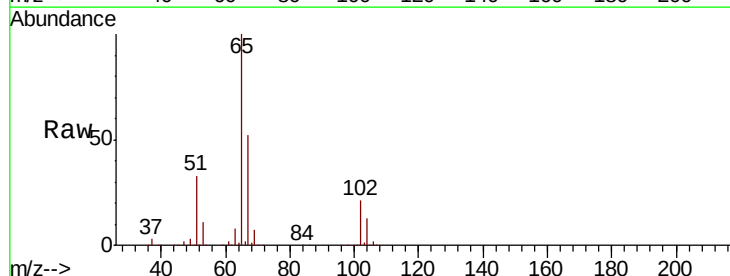


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

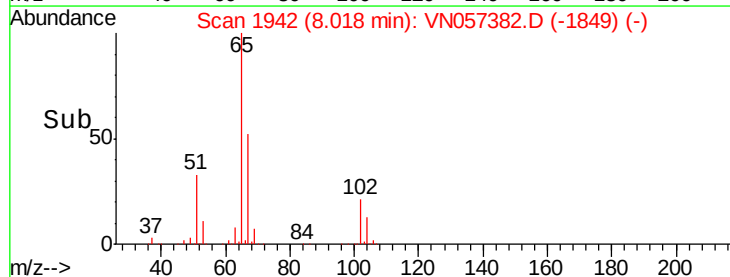
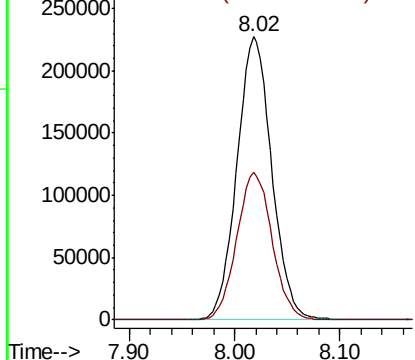


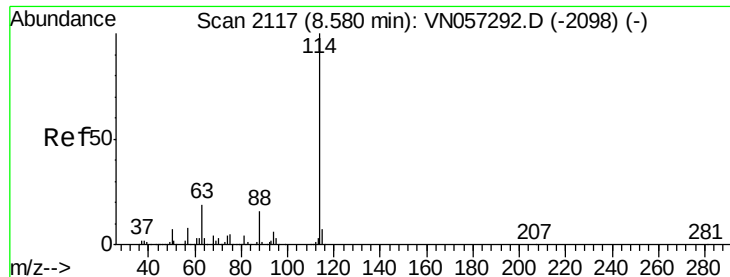
#33
1,2-Dichloroethane-d4
Concen: 43.289 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057382.D
Acq: 17 Aug 2019 2:52

Tgt Ion: 65 Resp: 521203
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.4



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

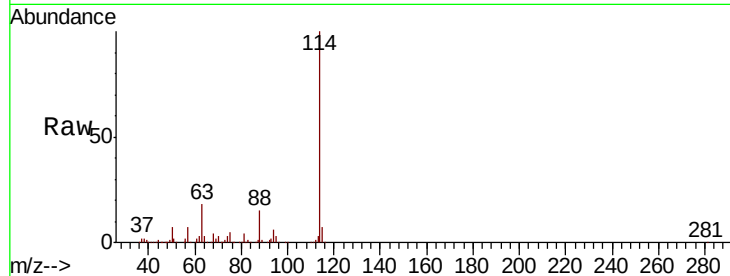




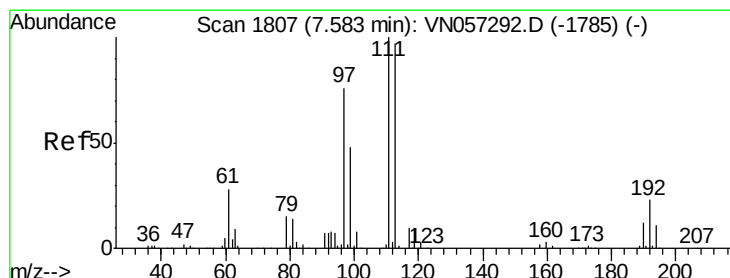
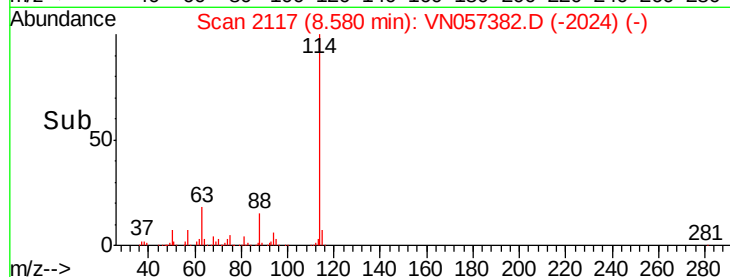
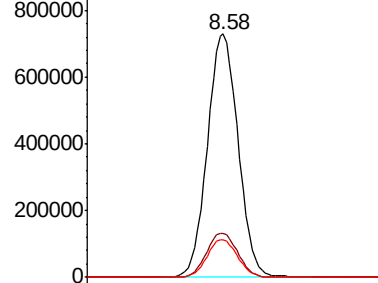
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057382.D
 Acq: 17 Aug 2019 2:52

Instrument :
 MSVOA_N
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 2S-G4-(1)

Tgt Ion:114 Resp: 1539930
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.8
 88 15.3 0.0 31.4

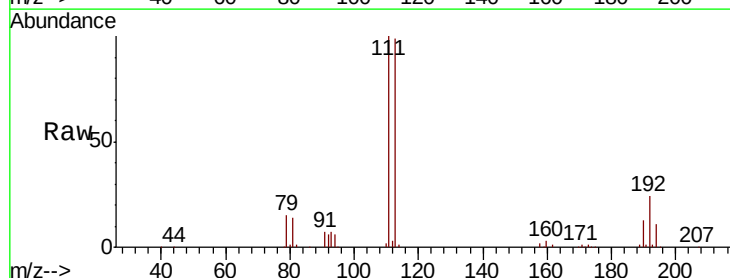


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

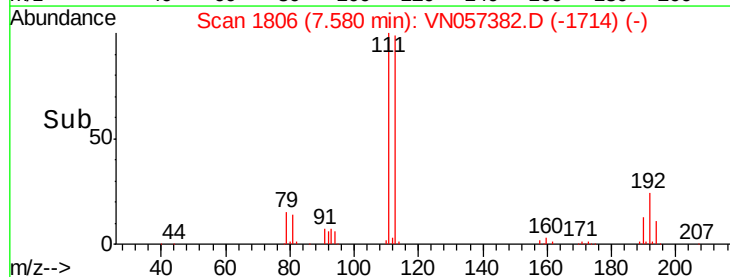
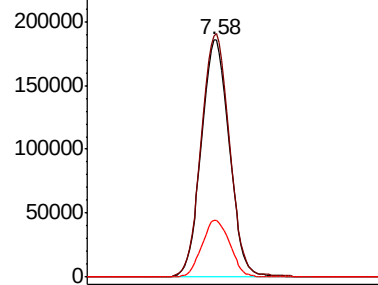


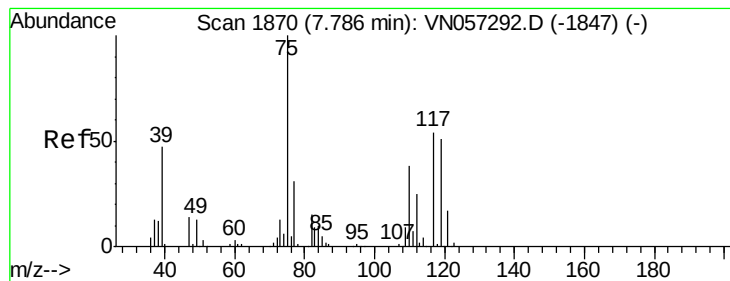
#35
 Dibromofluoromethane
 Concen: 46.095 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057382.D
 Acq: 17 Aug 2019 2:52

Tgt Ion:113 Resp: 465308
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.1 123.1
 192 24.0 19.3 28.9



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: 4.778 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN057382.D

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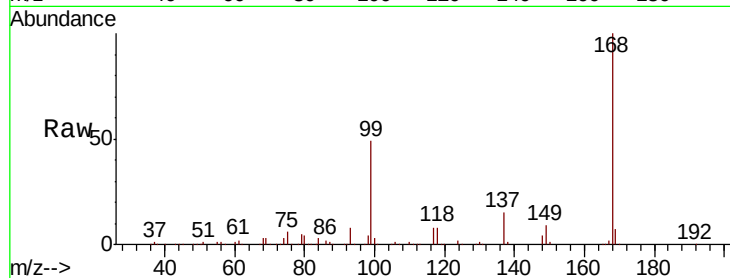
Tgt Ion: 75 Resp: 64968

Ion Ratio Lower Upper

75 100

110 8.9 19.5 58.5#

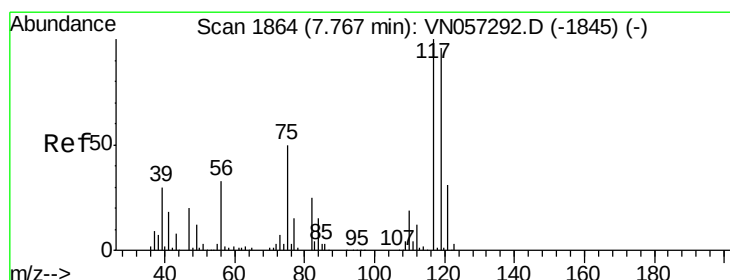
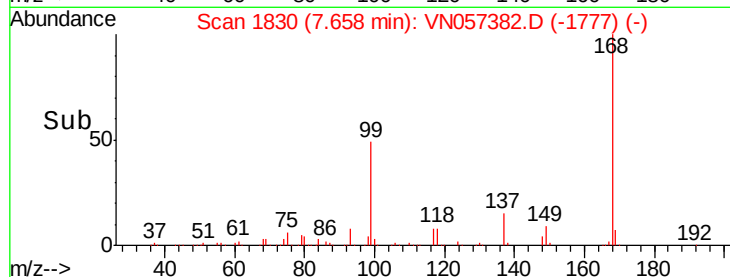
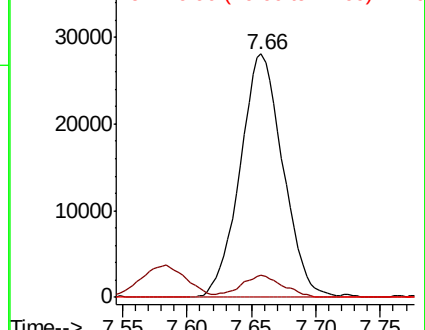
77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VN057292.D (-1847) (-)

Ion 109.90 (109.60 to 110.60): VN057292.D (-1847) (-)

Ion 76.90 (76.60 to 77.60): VN057292.D (-1847) (-)



#38

Carbon Tetrachloride

Concen: 6.530 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

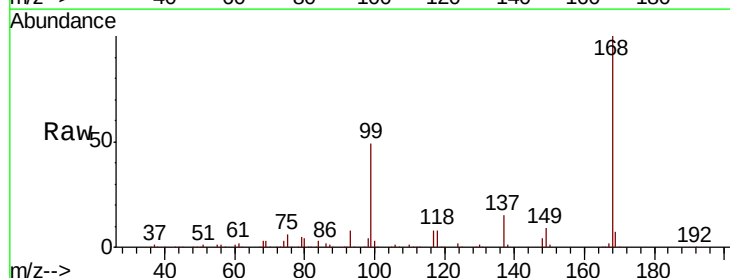
Tgt Ion: 117 Resp: 92243

Ion Ratio Lower Upper

117 100

119 5.2 76.8 115.2#

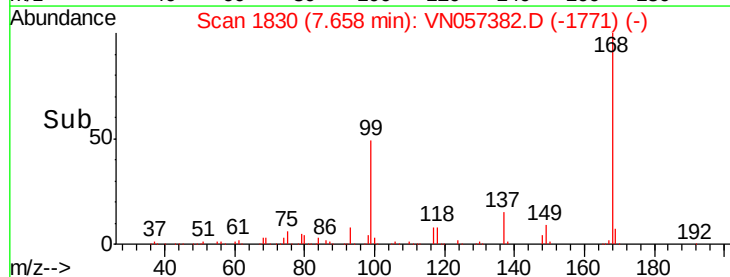
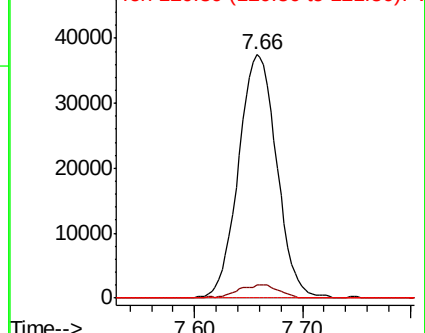
121 0.0 25.0 37.4#

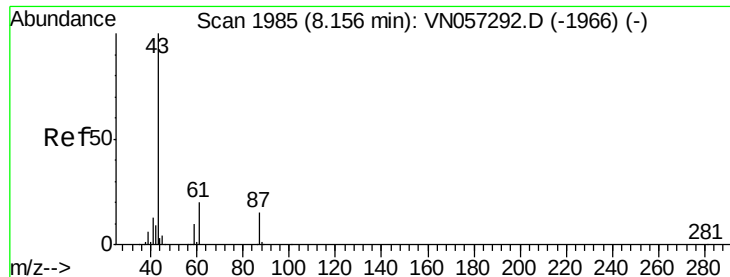


Abundance Ion 116.80 (116.50 to 117.50): VN057292.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN057292.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN057292.D (-1845) (-)





#43

Isopropyl Acetate

Concen: 11.228 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

Instrument :

MSVOA_N

ClientSampled :

2S-G4-(1)

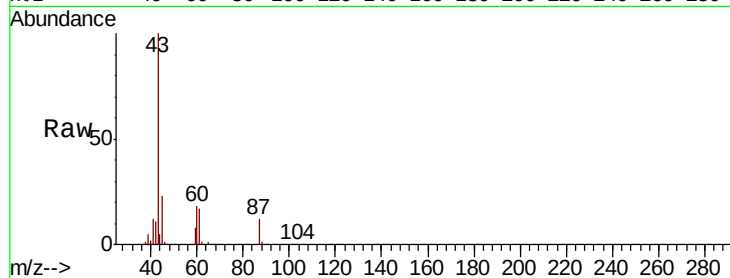
Tgt Ion: 43 Resp: 246475

Ion Ratio Lower Upper

43 100

61 15.3 21.6 32.4#

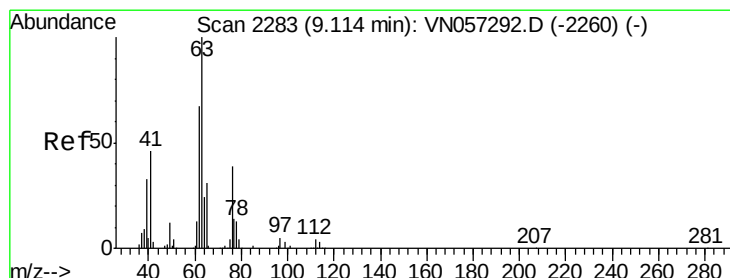
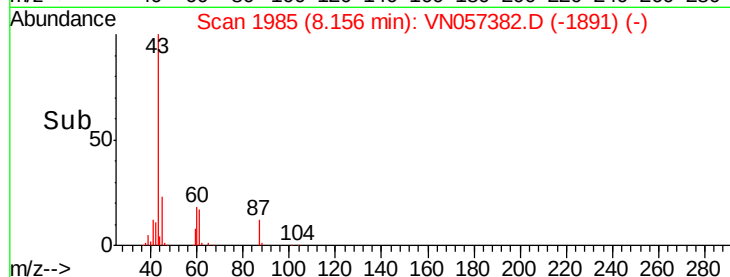
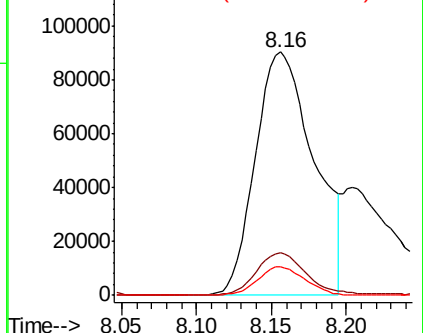
87 9.6 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.335 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.14 min

Lab File: VN057382.D

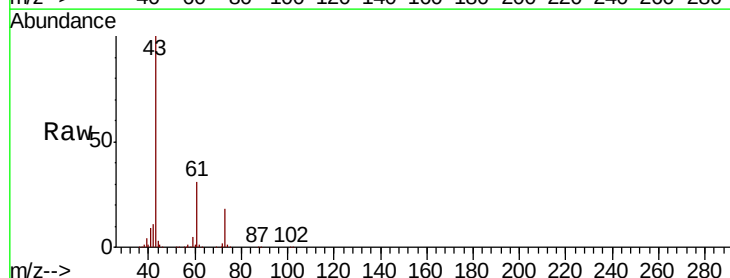
Acq: 17 Aug 2019 2:52

Tgt Ion: 63 Resp: 3593

Ion Ratio Lower Upper

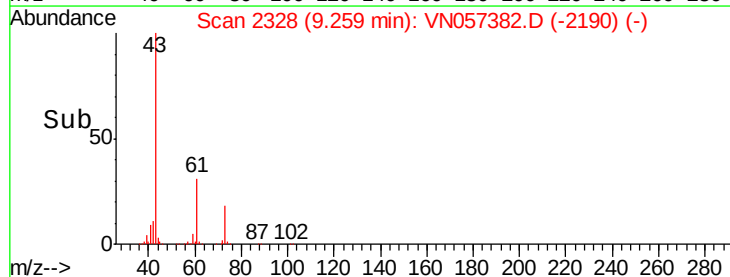
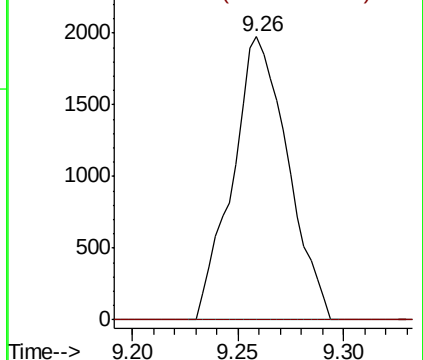
63 100

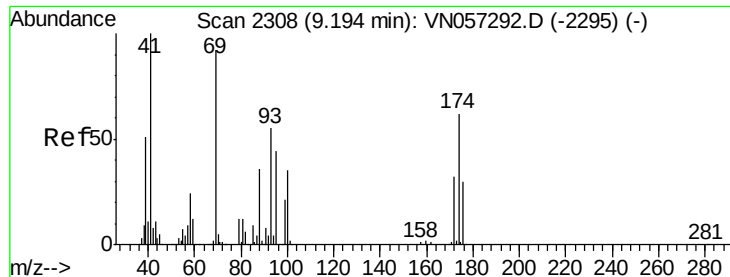
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

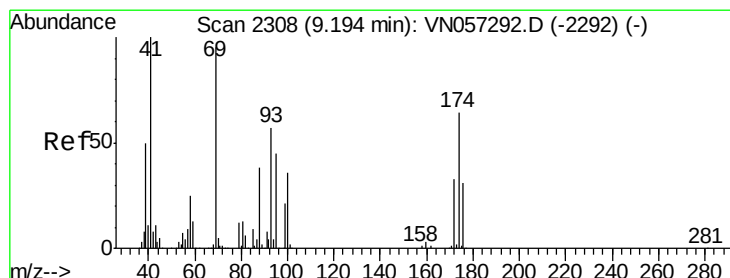
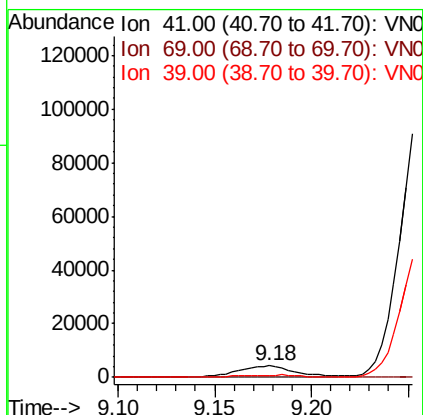
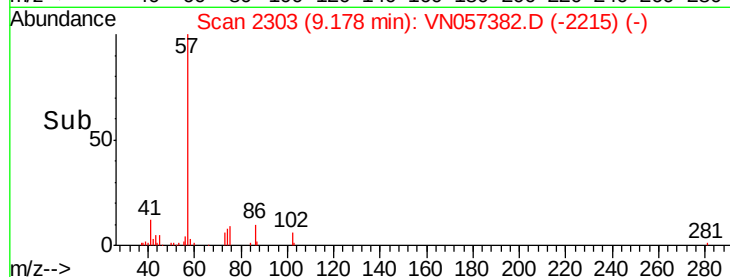
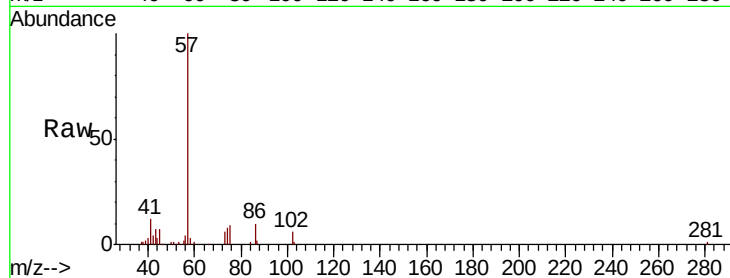




#48
Methyl methacrylate
Concen: 0.987 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN057382.D
Acq: 17 Aug 2019 2:52

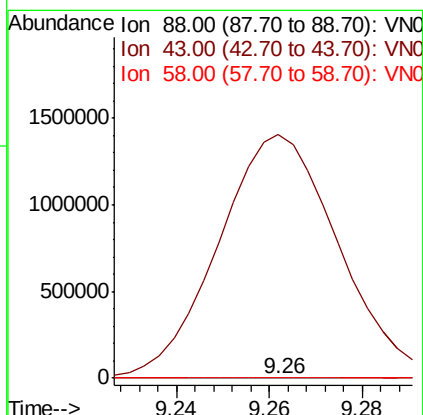
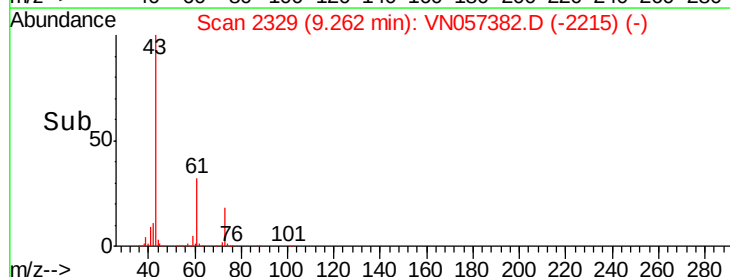
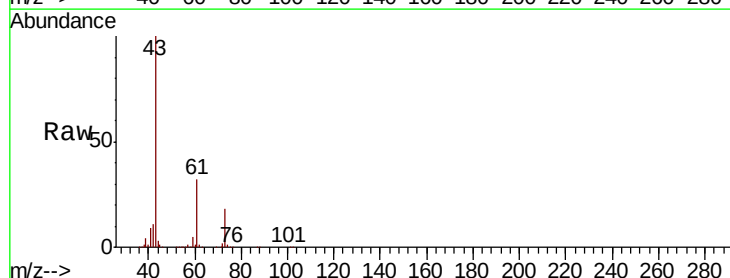
Instrument :
MSVOA_N
ClientSampled :
2S-G4-(1)

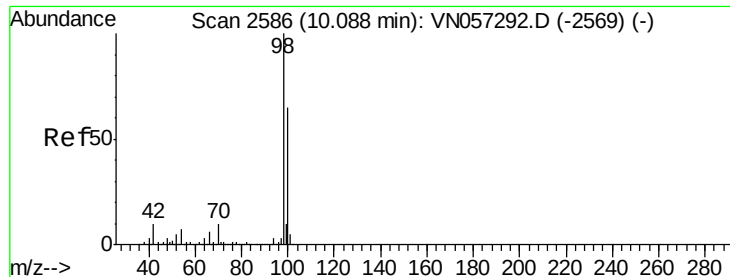
Tgt Ion: 41 Resp: 9048
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 42.3 63.5#



#49
1,4-Dioxane
Concen: 1.327 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN057382.D
Acq: 17 Aug 2019 2:52

Tgt Ion: 88 Resp: 256
Ion Ratio Lower Upper
88 100
43 1001911.7 22.9 34.3#
58 4352.3 52.7 79.1#





#50

Toluene-d8

Concen: 49.048 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

Instrument :

MSVOA_N

ClientSampled :

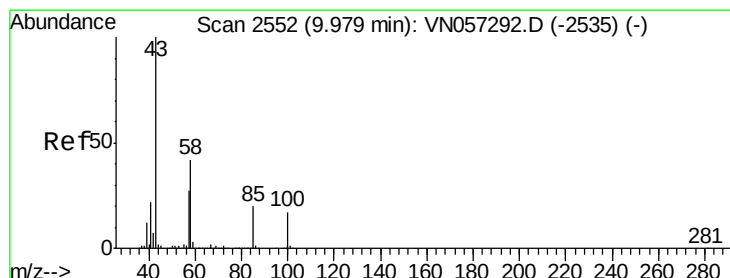
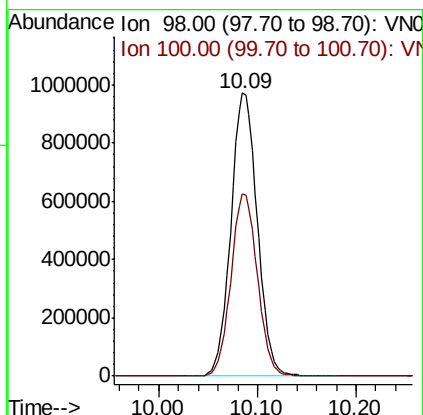
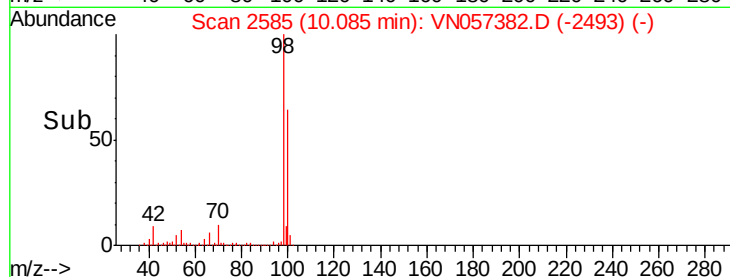
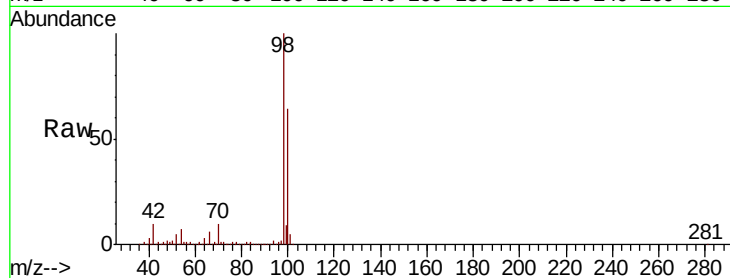
2S-G4-(1)

Tgt Ion: 98 Resp: 1810894

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.817 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN057382.D

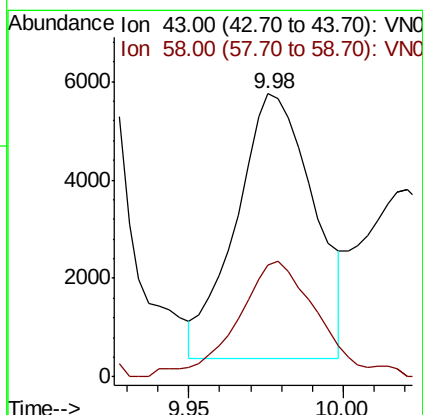
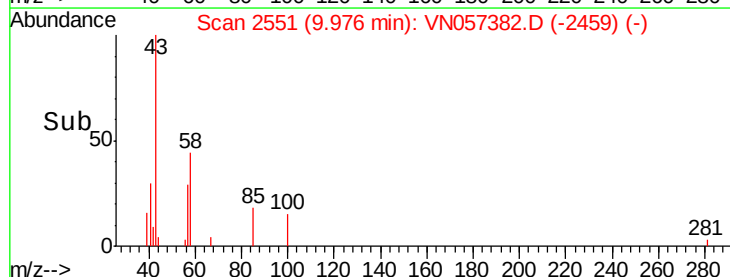
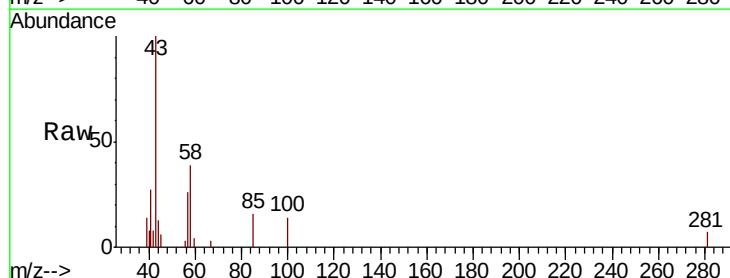
Acq: 17 Aug 2019 2:52

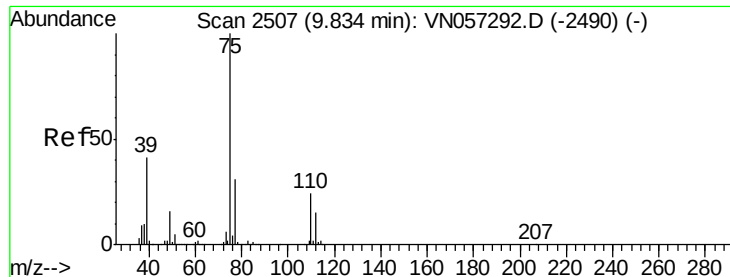
Tgt Ion: 43 Resp: 9382

Ion Ratio Lower Upper

43 100

58 44.0 33.2 49.8





#54

cis-1,3-Dichloropropene

Concen: 4.911 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

Instrument :

MSVOA_N

ClientSampleId :

2S-G4-(1)

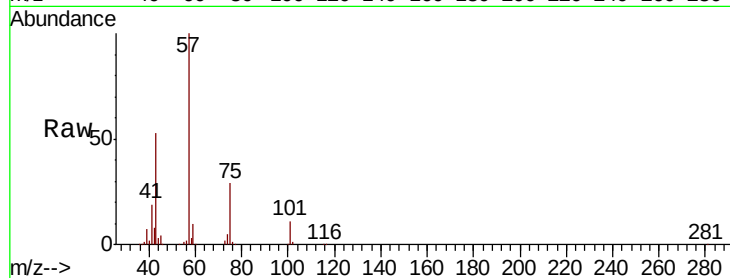
Tgt Ion: 75 Resp: 82992

Ion Ratio Lower Upper

75 100

77 0.5 24.9 37.3#

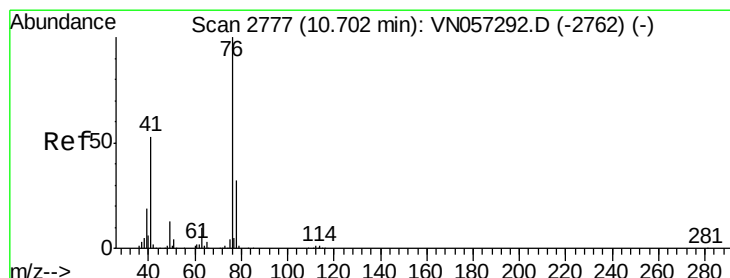
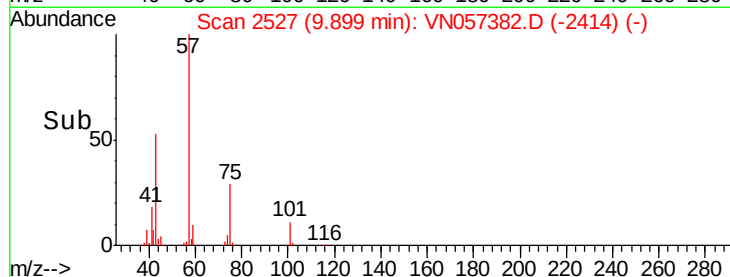
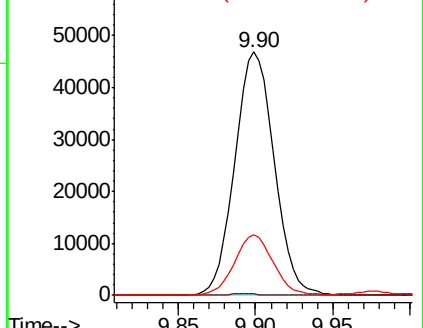
39 24.7 32.7 49.1#



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



#57

1,3-Dichloropropene

Concen: 0.798 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057382.D

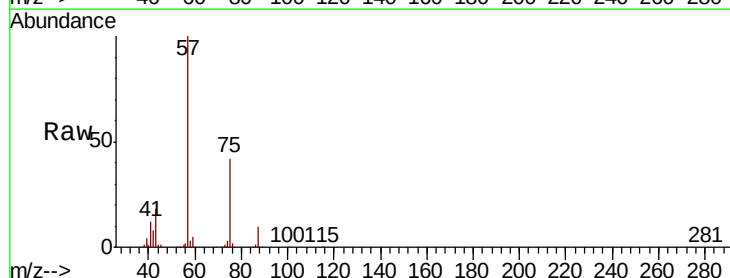
Acq: 17 Aug 2019 2:52

Tgt Ion: 76 Resp: 13564

Ion Ratio Lower Upper

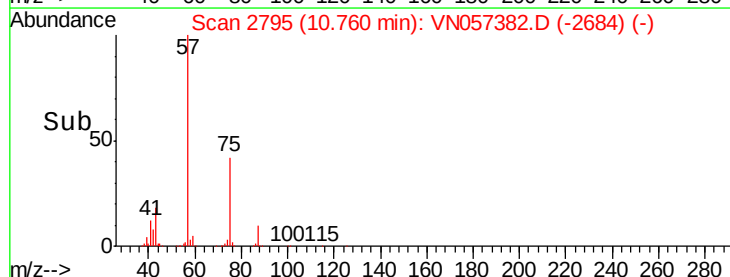
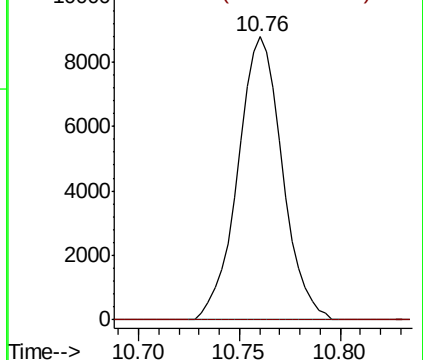
76 100

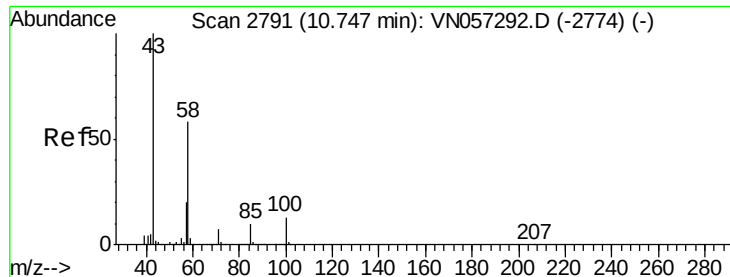
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 19.867 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

Instrument :

MSVOA_N

ClientSampled :

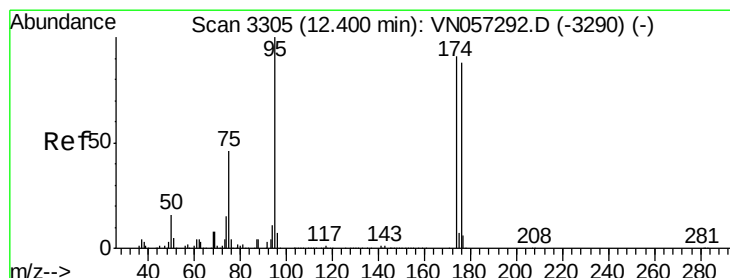
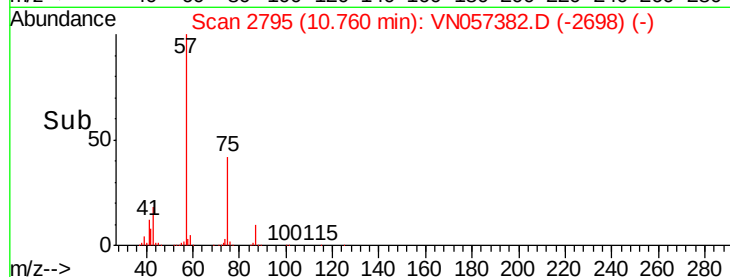
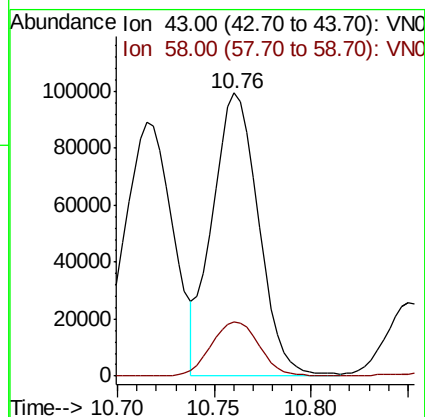
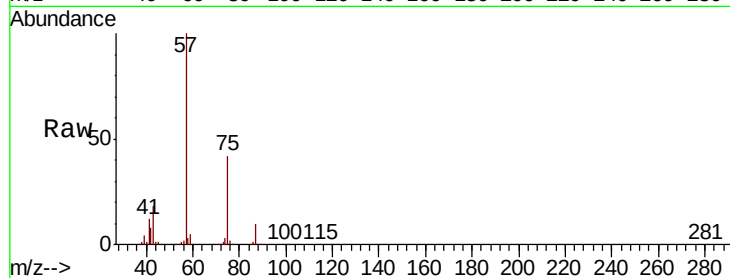
2S-G4-(1)

Tgt Ion: 43 Resp: 164094

Ion Ratio Lower Upper

43 100

58 20.2 28.6 85.9#



#62

4-Bromofluorobenzene

Concen: 37.343 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

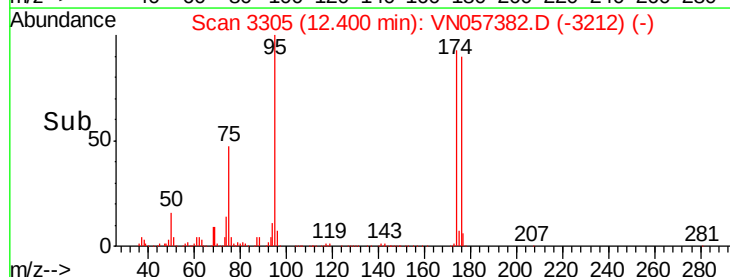
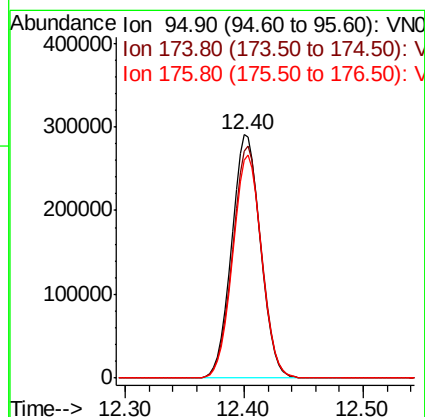
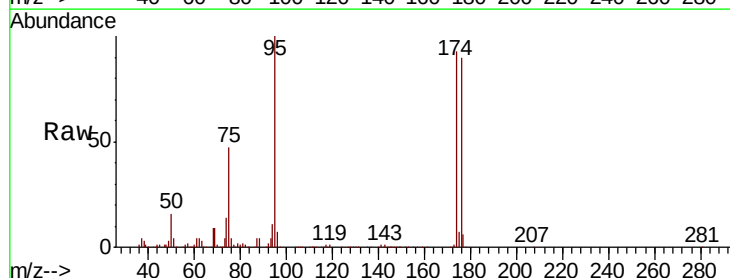
Tgt Ion: 95 Resp: 487235

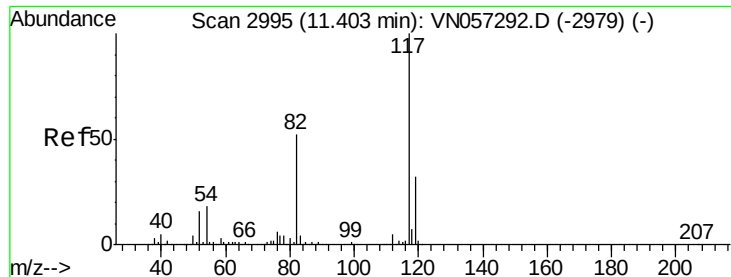
Ion Ratio Lower Upper

95 100

174 95.3 0.0 185.0

176 91.9 0.0 181.0

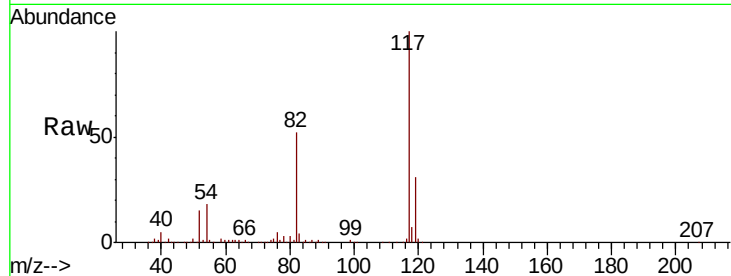




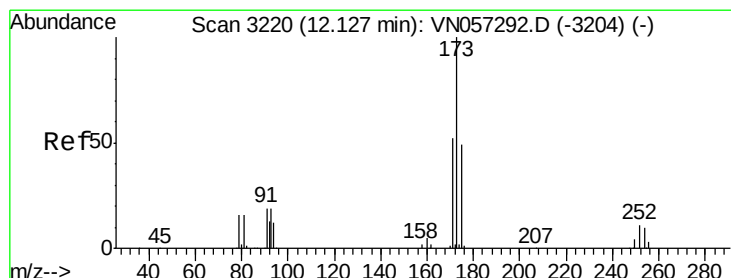
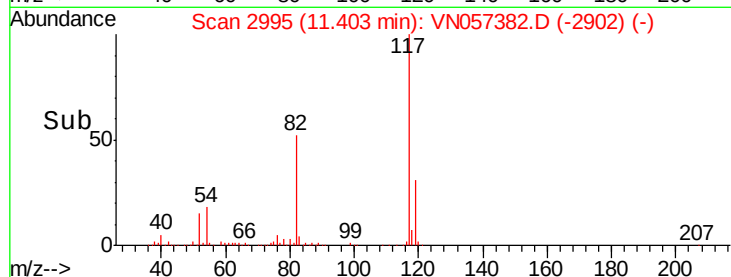
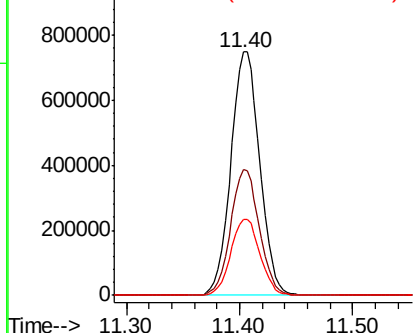
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057382.D
Acq: 17 Aug 2019 2:52

Instrument :
MSVOA_N
ClientSampled :
2S-G4-(1)

Tgt Ion:117 Resp: 1327487
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 31.1 25.8 38.8

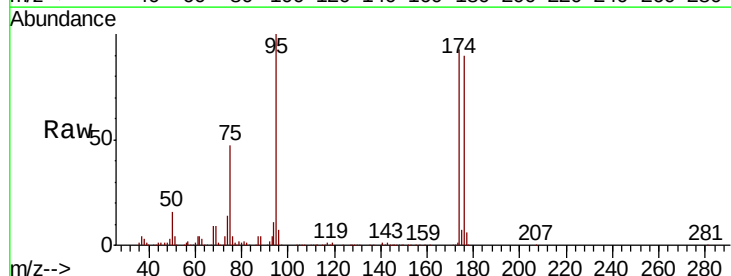


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

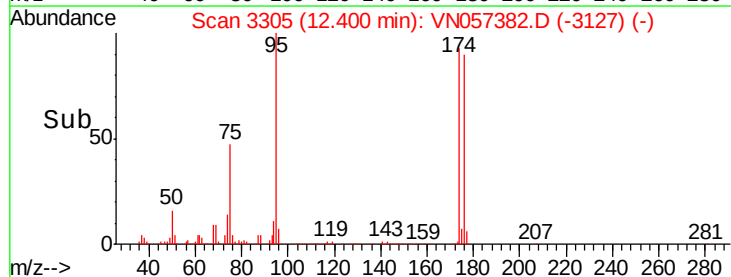
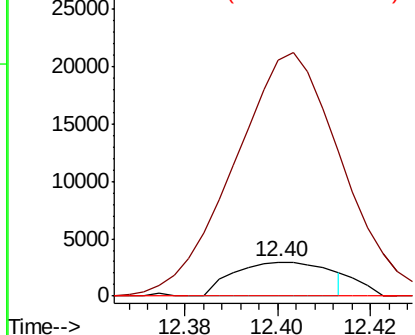


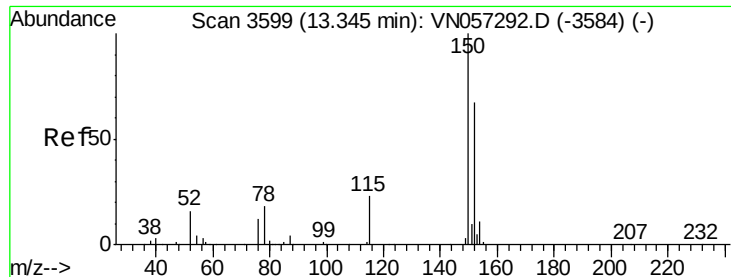
#71
Bromoform
Concen: 0.521 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN057382.D
Acq: 17 Aug 2019 2:52

Tgt Ion:173 Resp: 4260
Ion Ratio Lower Upper
173 100
175 702.5 24.2 72.6#
254 0.0 0.2 0.2#



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: VN057382.D

Acq: 17 Aug 2019 2:52

Instrument :

MSVOA_N

ClientSampleId :

2S-G4-(1)

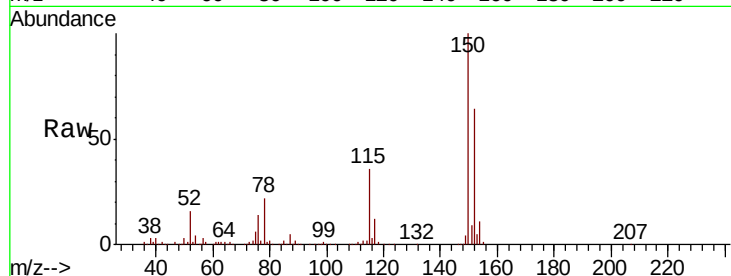
Tgt Ion:152 Resp: 347092

Ion Ratio Lower Upper

152 100

115 56.0 27.3 81.9

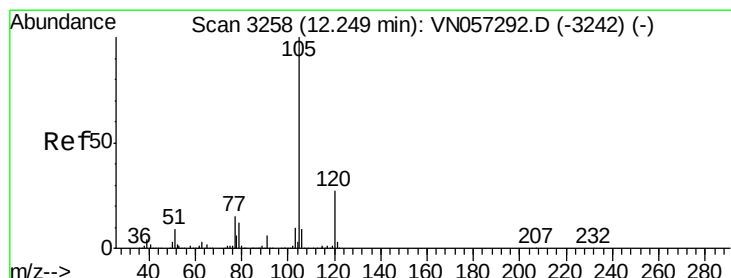
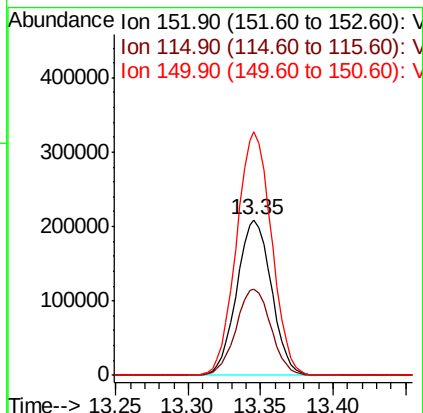
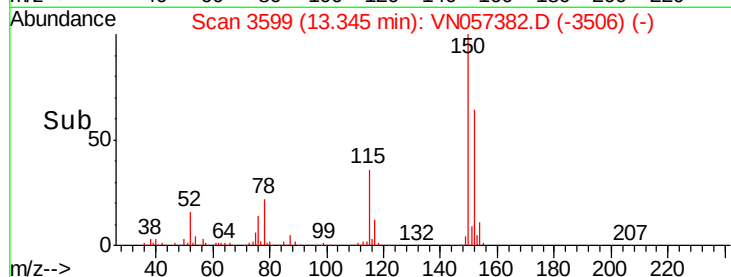
150 158.6 0.0 344.4



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: 12.41 min Scan# 3307

Delta R.T. 0.16 min

Lab File: VN057382.D

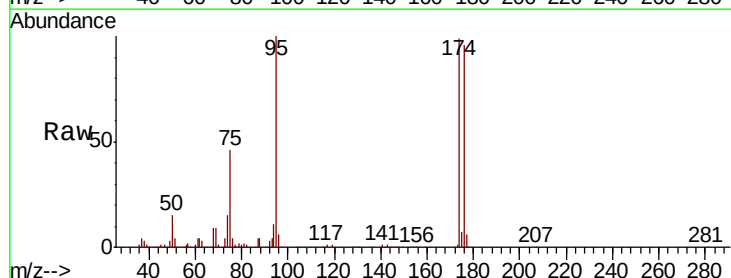
Acq: 17 Aug 2019 2:52

Tgt Ion:105 Resp: 442

Ion Ratio Lower Upper

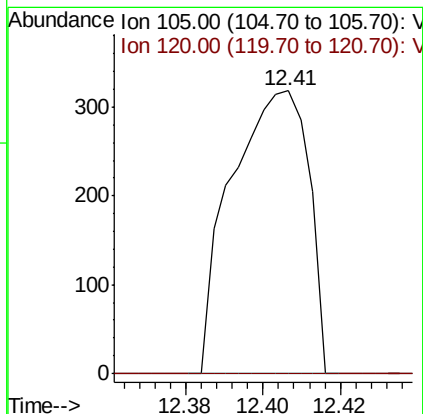
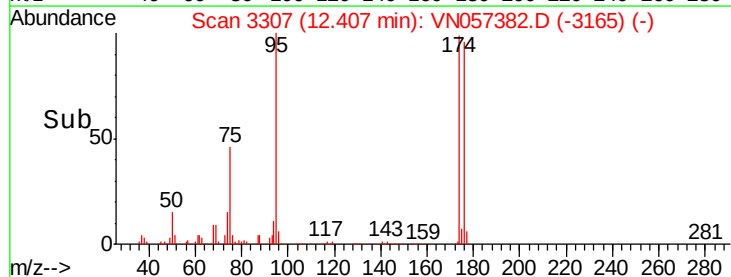
105 100

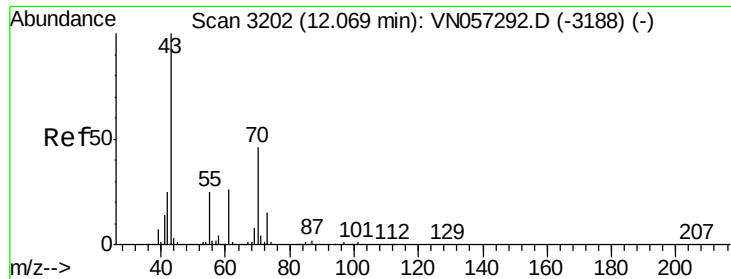
120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.424 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

Instrument :

MSVOA_N

ClientSampleId :

2S-G4-(1)

Tgt Ion: 43 Resp: 4268

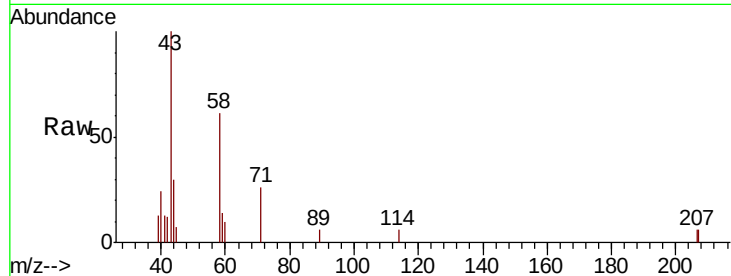
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 4.5 20.1 30.1#

61 0.0 20.9 31.3#

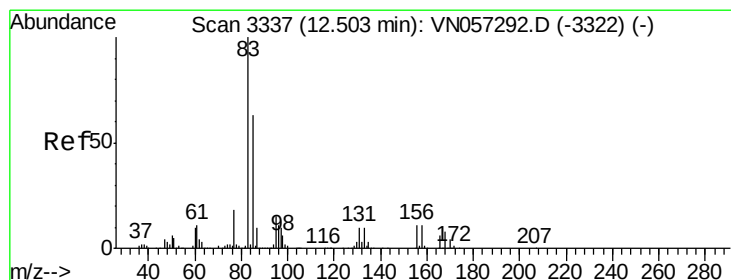
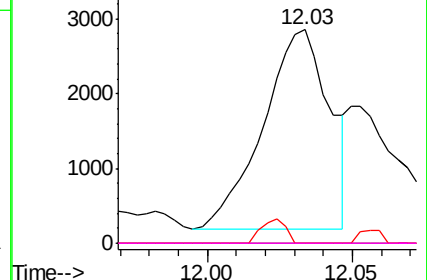
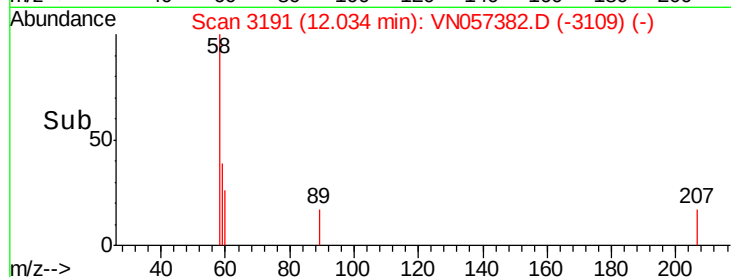


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

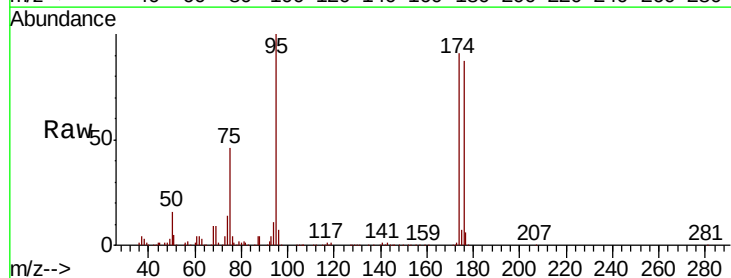
Tgt Ion: 83 Resp: 137

Ion Ratio Lower Upper

83 100

131 548.2 5.4 16.2#

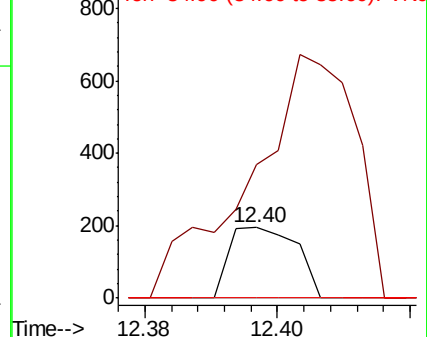
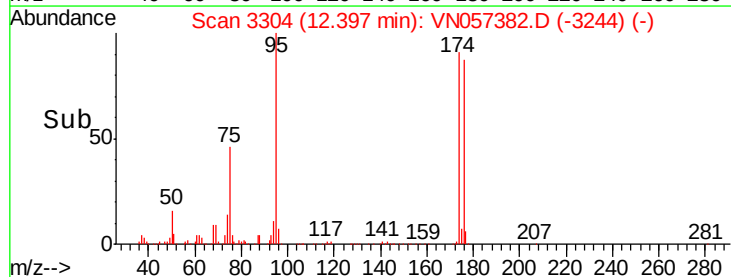
85 0.0 32.3 96.9#

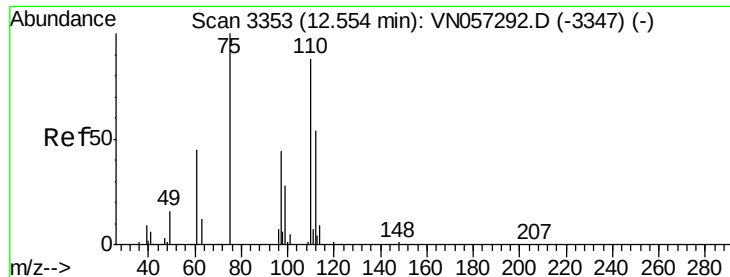


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 32.562 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

Instrument :

MSVOA_N

ClientSampleId :

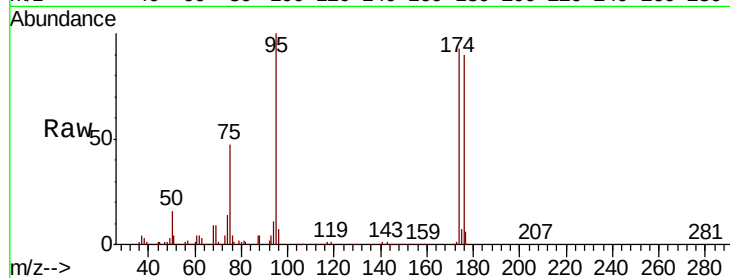
2S-G4-(1)

Tgt Ion: 75 Resp: 226985

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

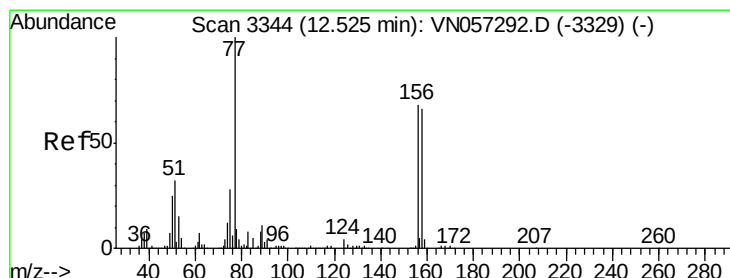
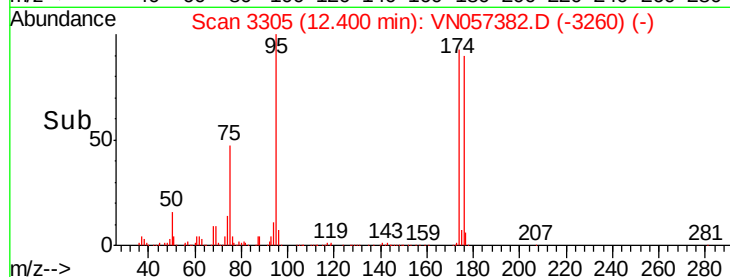
150000

100000

50000

0

Time-->



#77

Bromobenzene

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.12 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

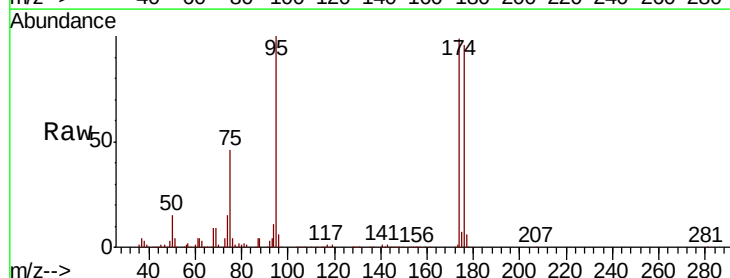
Tgt Ion: 156 Resp: 74

Ion Ratio Lower Upper

156 100

77 3591.9 89.8 269.6#

158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

2000

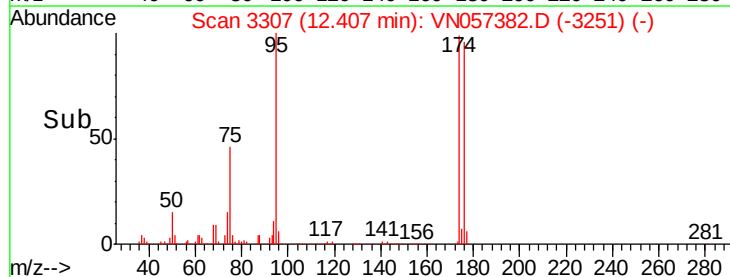
1500

1000

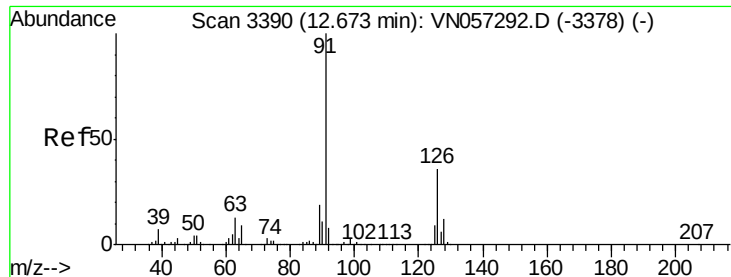
500

0

Time-->



Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.65 min Scan# 3383

Delta R.T. -0.02 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

Instrument :

MSVOA_N

ClientSampled :

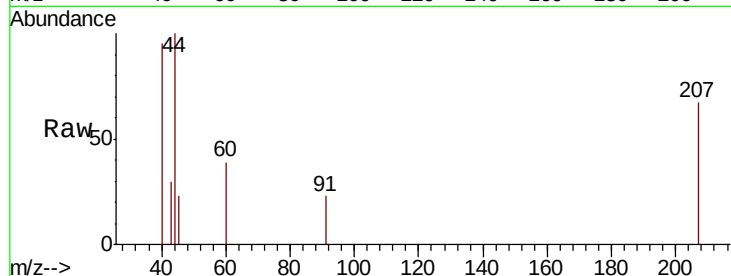
2S-G4-(1)

Tgt Ion: 91 Resp: 61

Ion Ratio Lower Upper

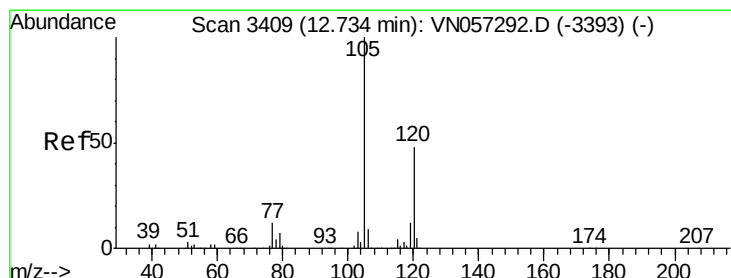
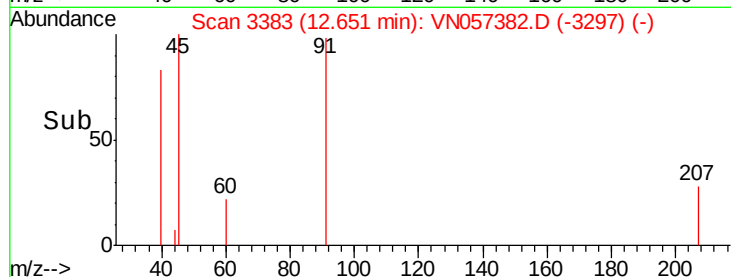
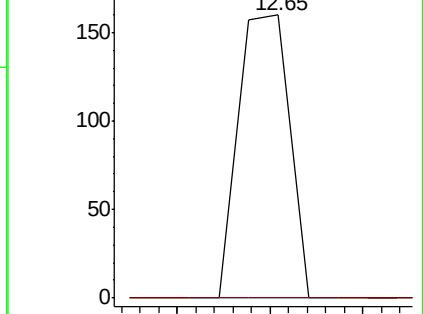
91 100

126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN057292.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN057292.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN057382.D

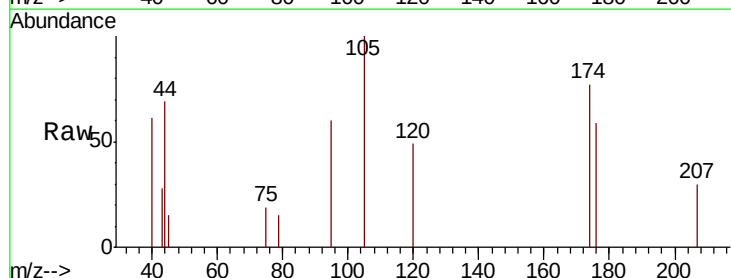
Acq: 17 Aug 2019 2:52

Tgt Ion: 105 Resp: 1766

Ion Ratio Lower Upper

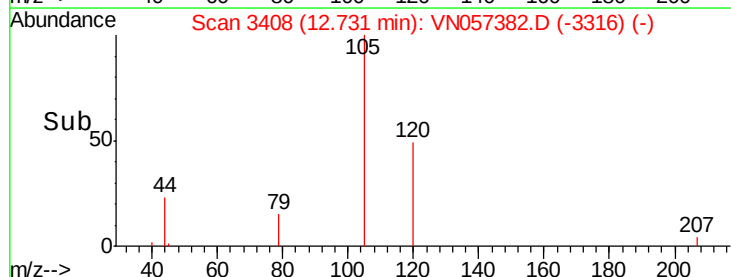
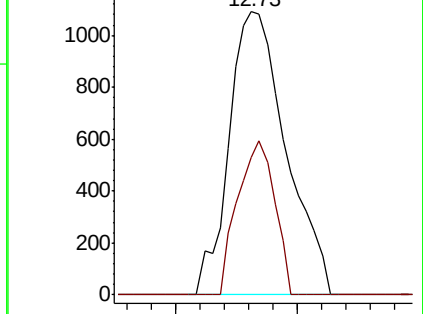
105 100

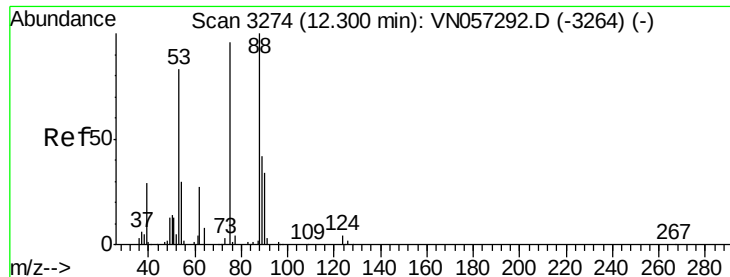
120 35.2 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN057292.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN057292.D (-3393) (-)

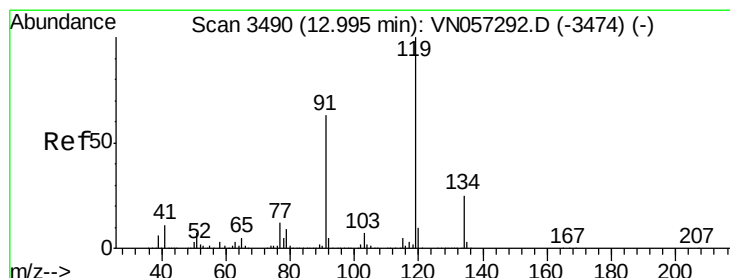
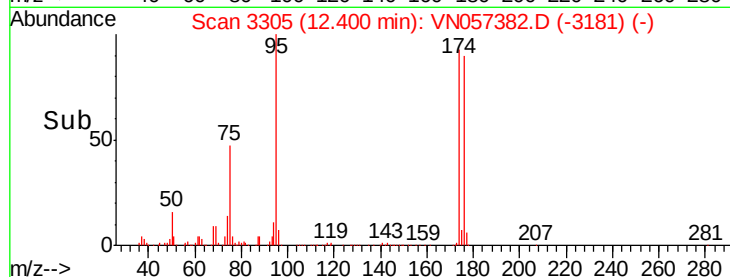
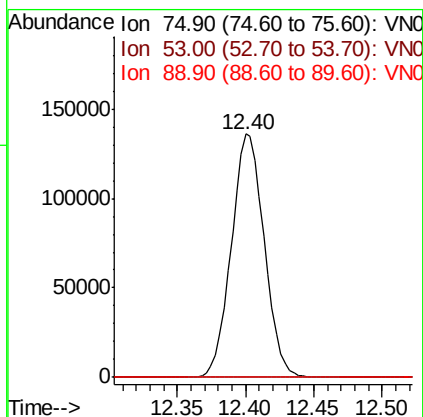
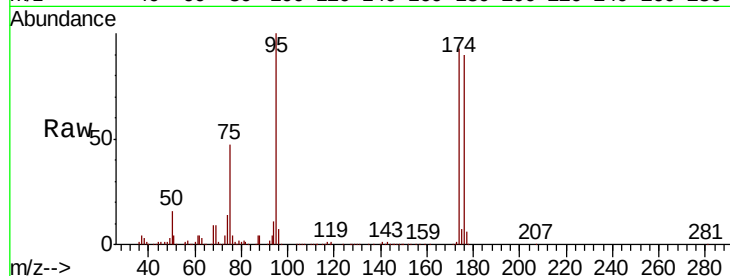




#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.743 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057382.D
 Acq: 17 Aug 2019 2:52

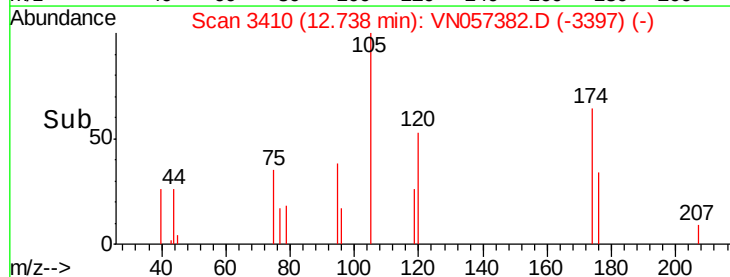
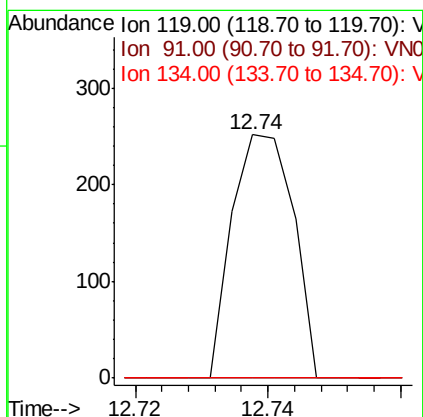
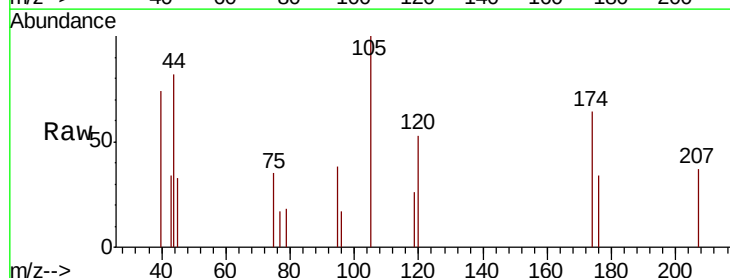
Instrument :
 MSVOA_N
 ClientSampled :
 2S-G4-(1)

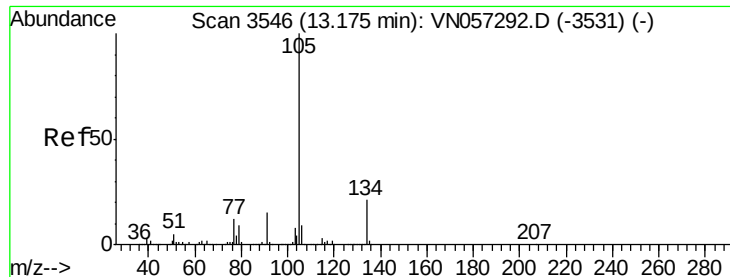
Tgt Ion: 75 Resp: 226985
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3410
 Delta R.T. -0.26 min
 Lab File: VN057382.D
 Acq: 17 Aug 2019 2:52

Tgt Ion: 119 Resp: 161
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.3 93.8#
 134 0.0 13.1 39.1#





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

Instrument :

MSVOA_N

ClientSampleId :

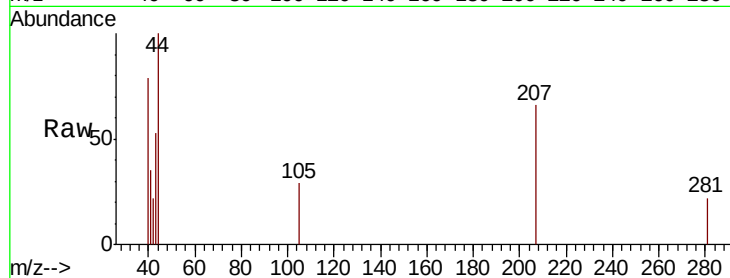
2S-G4-(1)

Tgt Ion:105 Resp: 109

Ion Ratio Lower Upper

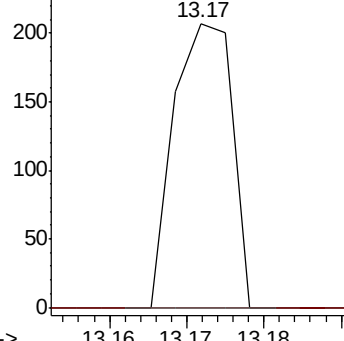
105 100

134 0.0 10.4 31.2#

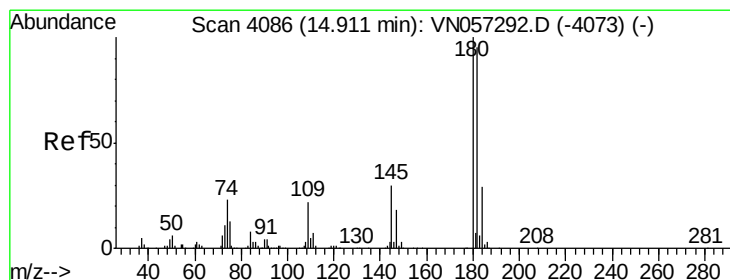
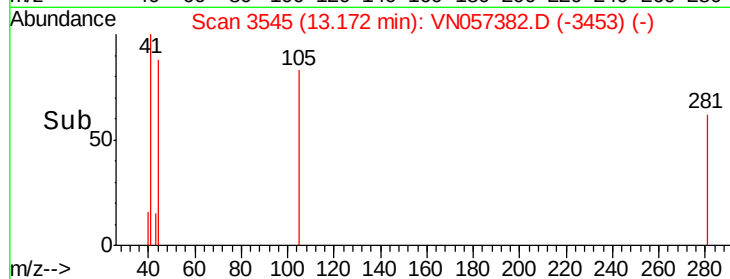


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 5.376 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.01 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

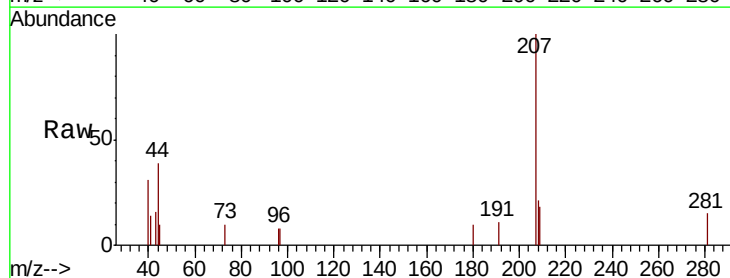
Tgt Ion:180 Resp: 100

Ion Ratio Lower Upper

180 100

182 0.0 48.0 144.2#

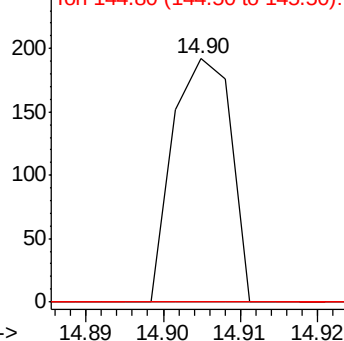
145 0.0 14.5 43.6#



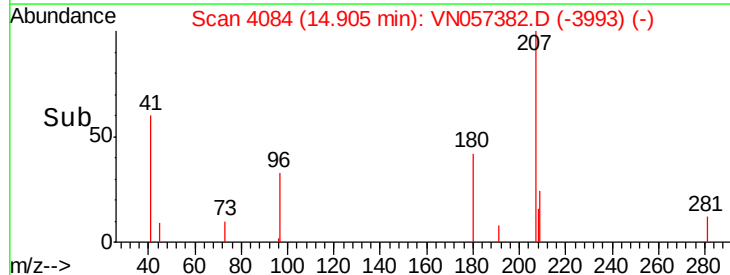
Abundance Ion 179.80 (179.50 to 180.50): V

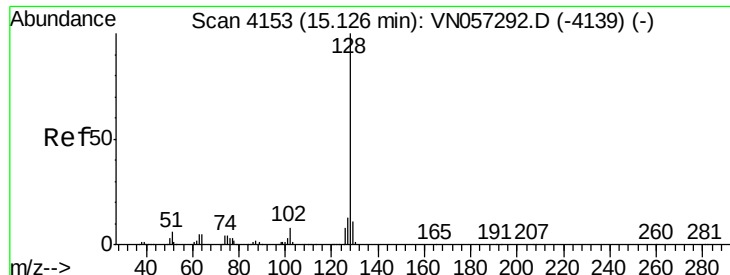
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->





#95

Naphthalene

Concen: Below Cal

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN057382.D

Acq: 17 Aug 2019 2:52

Instrument :

MSVOA_N

ClientSampleId :

2S-G4-(1)

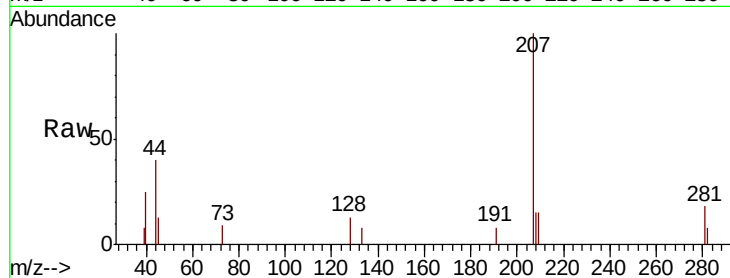
Tgt Ion:128 Resp: 193

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 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

