

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
 Data File : VW008479.D
 Acq On : 01 Feb 2019 14:11
 Operator : SY/VA
 Sample : K1308-02
 Misc : 6.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-18(34.5-35)

Quant Time: Feb 02 00:42:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	373202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	597150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	541956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	278000	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	192517	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
35) Dibromofluoromethane	7.88	113	186369	53.37	ug/l	0.00
Spiked Amount			Recovery	=	106.74%	
50) Toluene-d8	10.32	98	703962	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	266866	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	

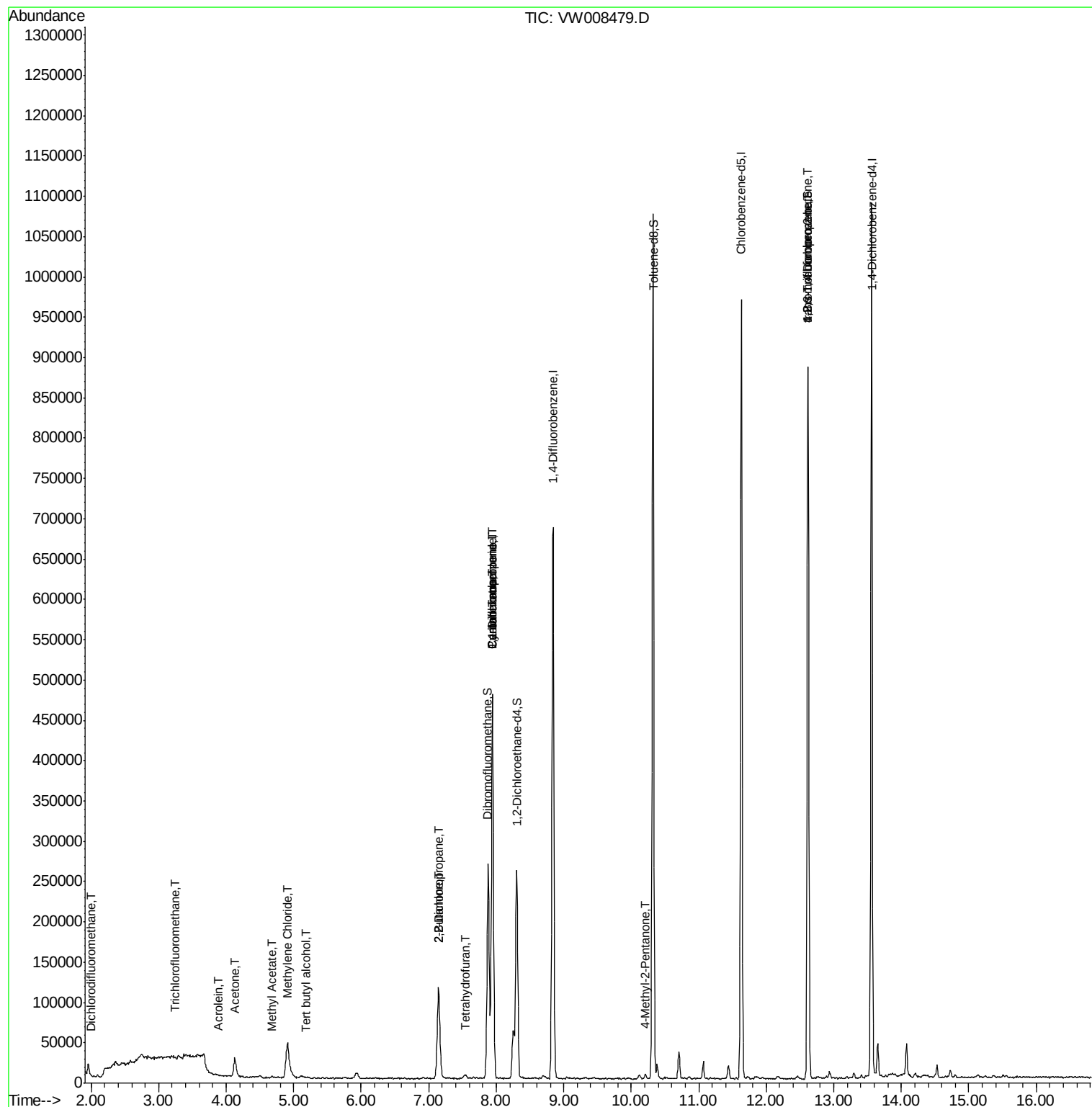
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	26	3.264	ug/l #	41
7) Trichlorofluoromethane	3.25	101	225	4.785	ug/l #	17
11) Tert butyl alcohol	5.18	59	703	2.382	ug/l #	1
13) Acrolein	3.88	56	163	4.801	ug/l #	1
16) Acetone	4.13	43	41509	50.416	ug/l	98
18) Methyl Acetate	4.68	43	2524	1.149	ug/l #	54
20) Methylene Chloride	4.91	84	36243	9.551	ug/l	90
25) 2-Butanone	7.15	43	8002	6.997	ug/l #	69
26) 2,2-Dichloropropane	7.14	77	8214	1.746	ug/l #	56
29) Tetrahydrofuran	7.54	42	3910	5.395	ug/l	93
31) Cyclohexane	7.94	56	8293	1.153	ug/l #	15
36) 1,1-Dichloropropene	7.94	75	27261	4.833	ug/l #	51
38) Carbon Tetrachloride	7.95	117	34864	6.142	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	4699	1.835	ug/l	89
76) 1,2,3-Trichloropropane	12.62	75	134924	55.823	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	134924	110.254	ug/l #	12

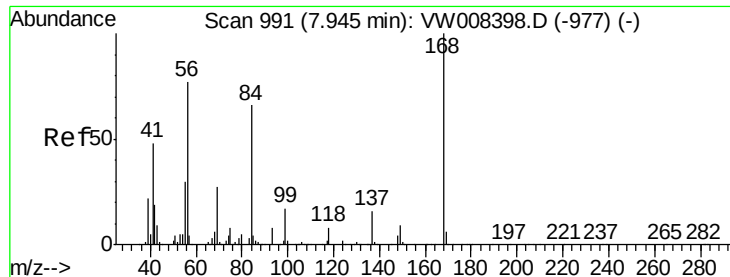
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008479.D

Acq: 01 Feb 2019 14:11

Instrument :

MSVOA_W

ClientSampleId :

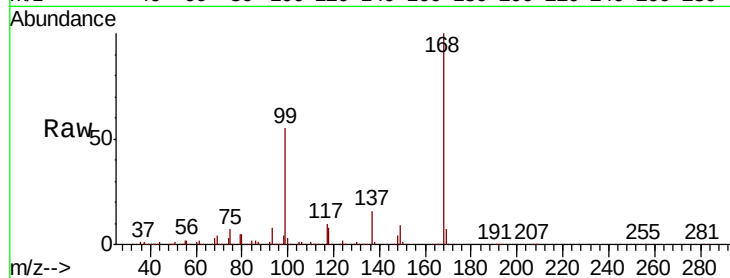
SB-18(34.5-35)

Tgt Ion:168 Resp: 373202

Ion Ratio Lower Upper

168 100

99 54.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

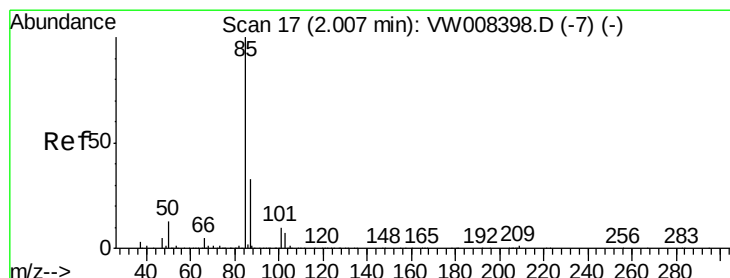
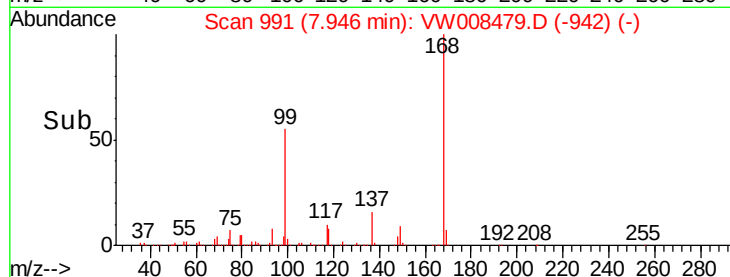
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.264 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008479.D

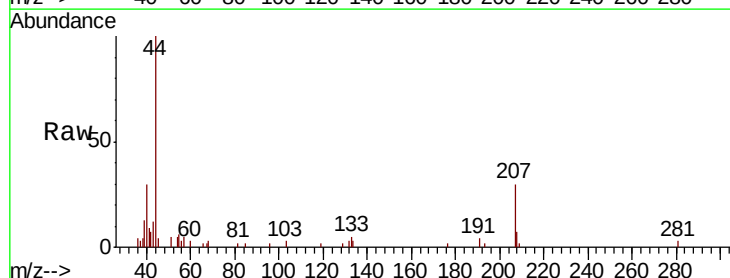
Acq: 01 Feb 2019 14:11

Tgt Ion: 85 Resp: 26

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

120

100

80

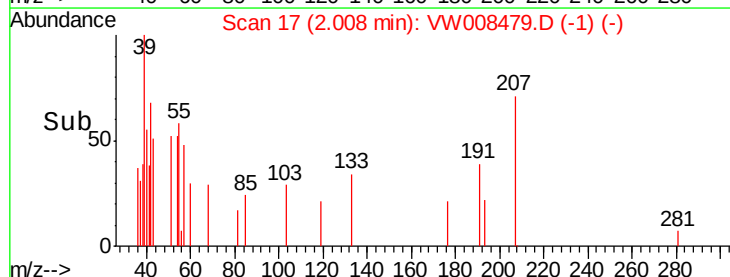
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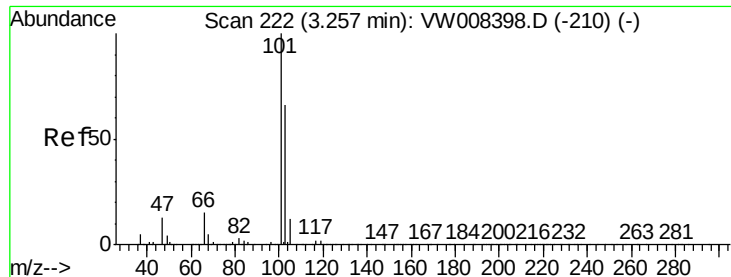
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20

0

Time-->



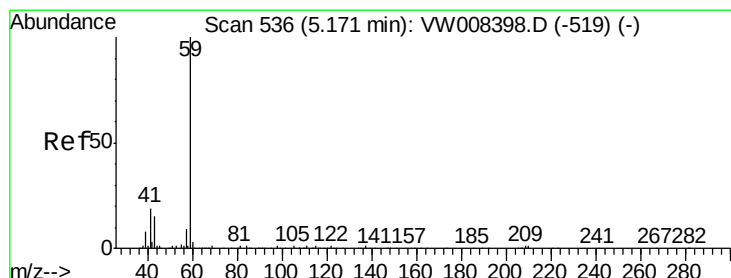
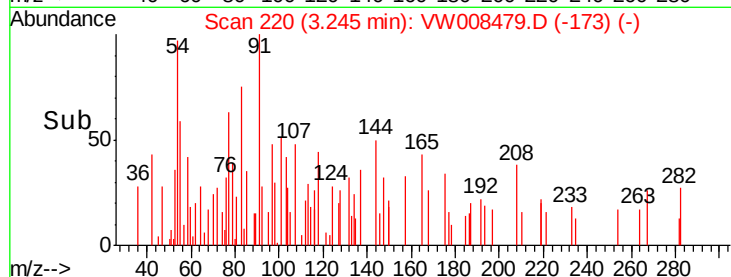
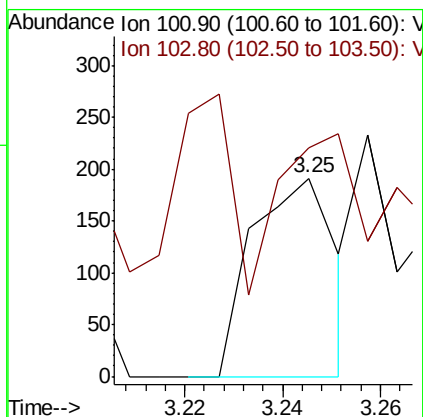
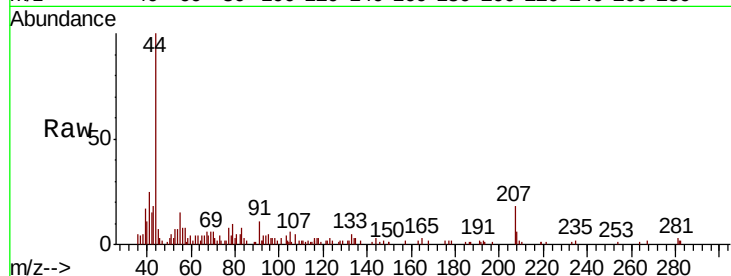


#7

Trichlorofluoromethane
 Concen: 4.785 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

Instrument :
 MSVOA_W
 ClientSampled :
 SB-18(34.5-35)

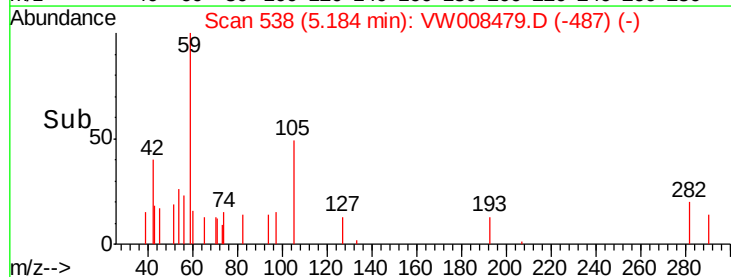
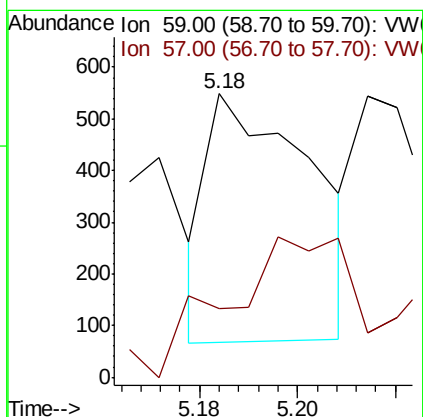
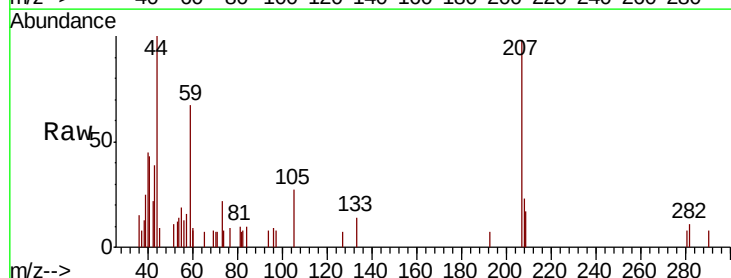
Tgt Ion: 101 Resp: 225
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.5 78.7#

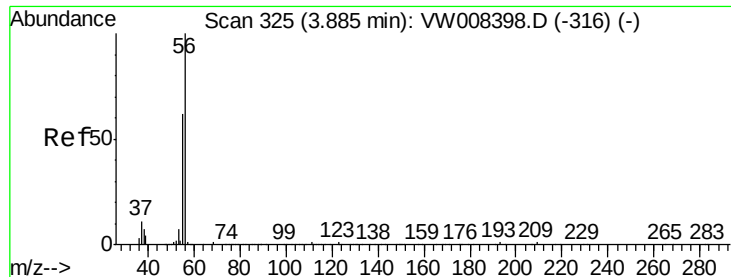


#11

Tert butyl alcohol
 Concen: 2.382 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

Tgt Ion: 59 Resp: 703
 Ion Ratio Lower Upper
 59 100
 57 73.3 9.3 13.9#

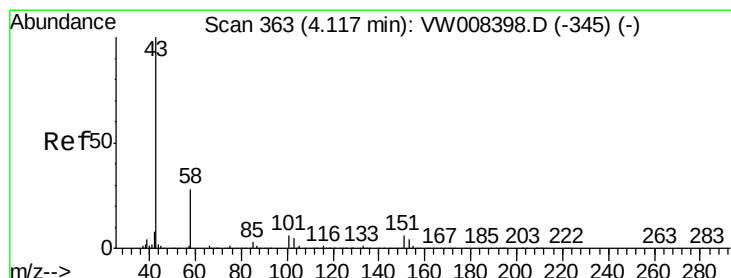
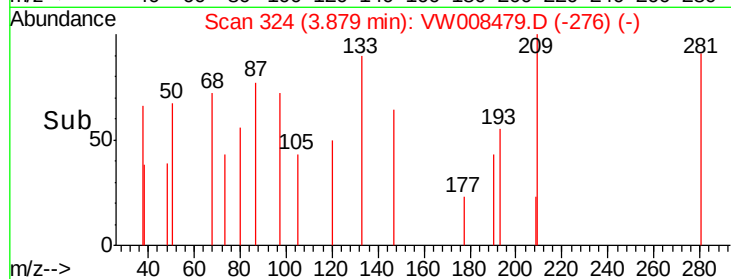
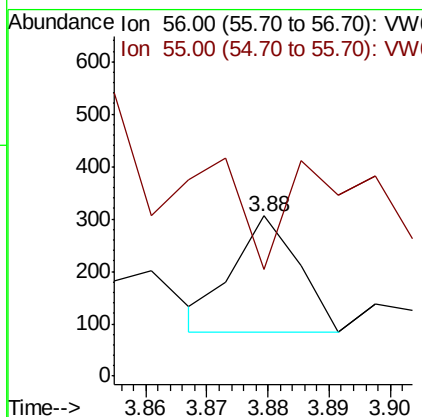
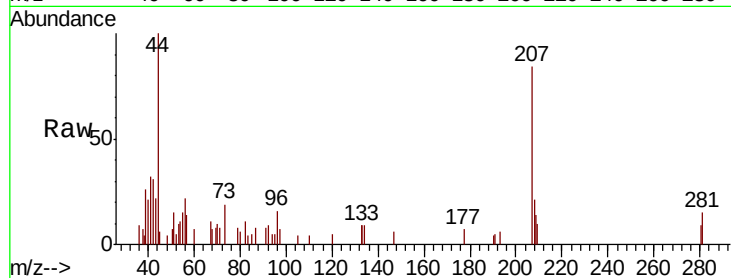




#13
Acrolein
Concen: 4.801 ug/l
RT: 3.88 min Scan# 324
Delta R.T. -0.01 min
Lab File: VW008479.D
Acq: 01 Feb 2019 14:11

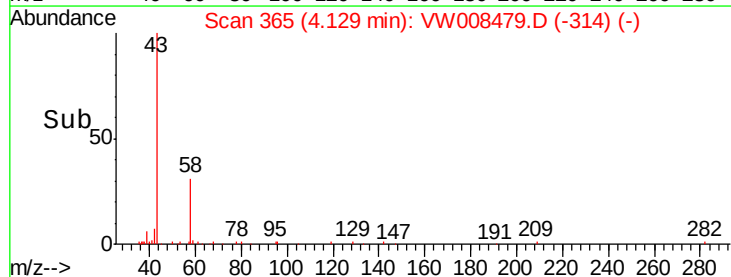
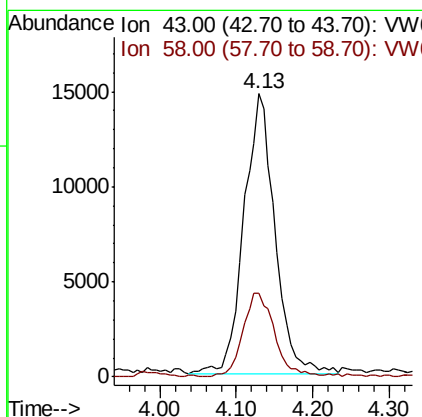
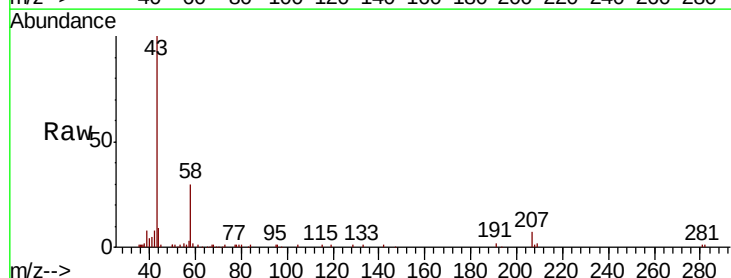
Instrument :
MSVOA_W
ClientSampled :
SB-18(34.5-35)

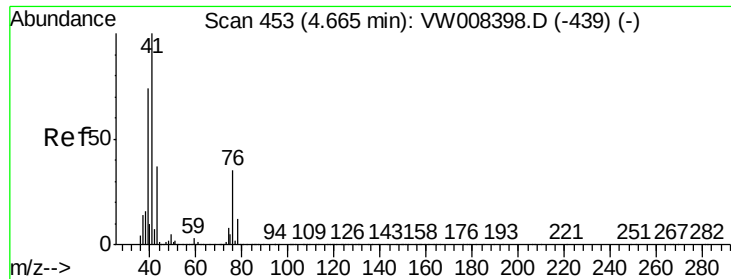
Tgt Ion: 56 Resp: 163
Ion Ratio Lower Upper
56 100
55 177.3 56.7 85.1#



#16
Acetone
Concen: 50.416 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008479.D
Acq: 01 Feb 2019 14:11

Tgt Ion: 43 Resp: 41509
Ion Ratio Lower Upper
43 100
58 29.4 22.6 34.0

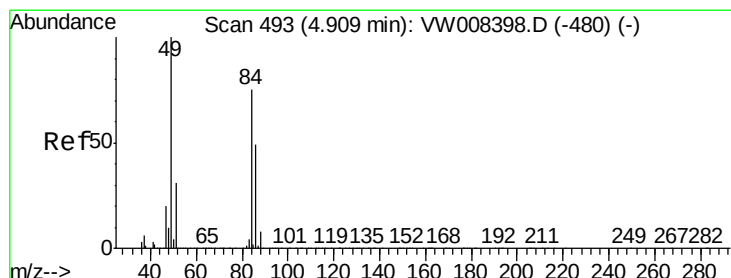
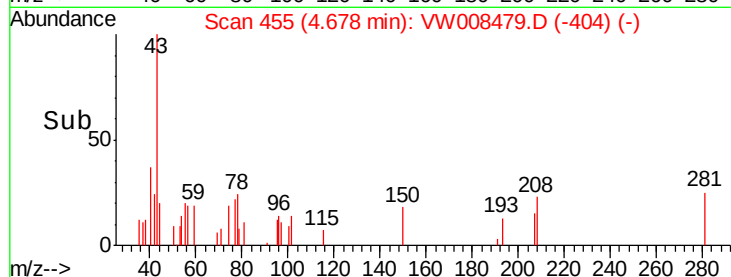
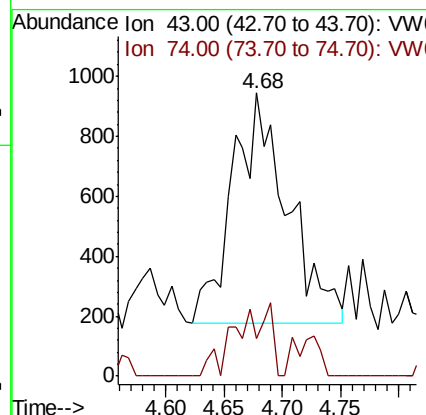
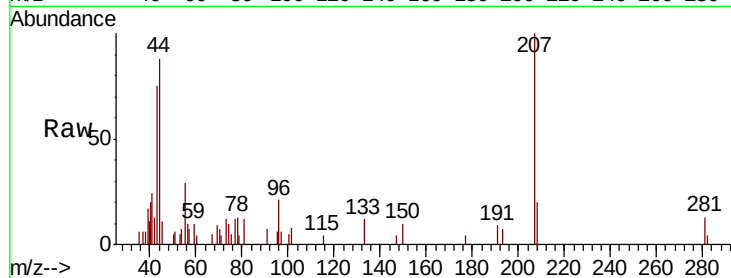




#18
Methyl Acetate
Concen: 1.149 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008479.D
Acq: 01 Feb 2019 14:11

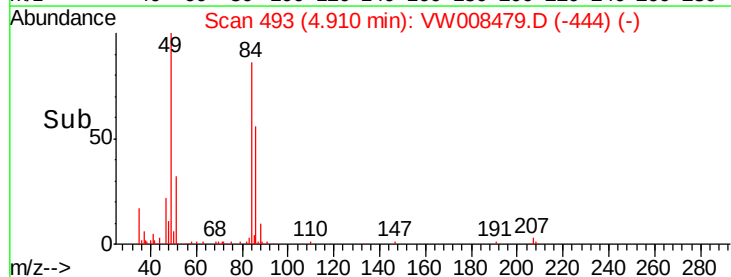
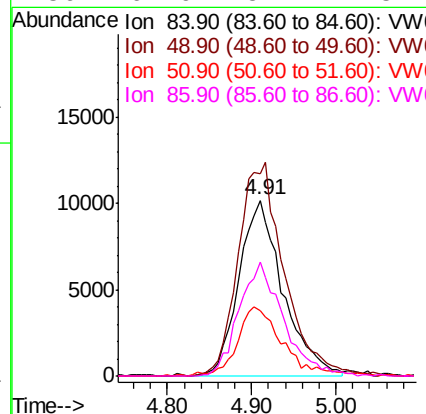
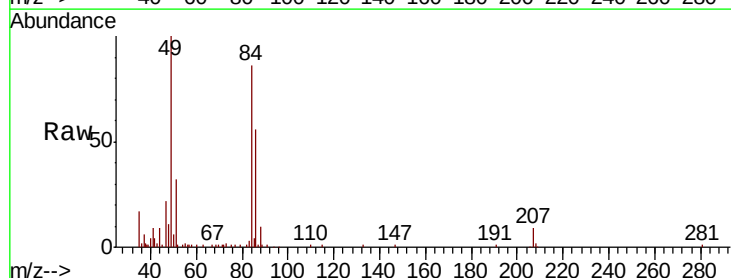
Instrument :
MSVOA_W
ClientSampleId :
SB-18(34.5-35)

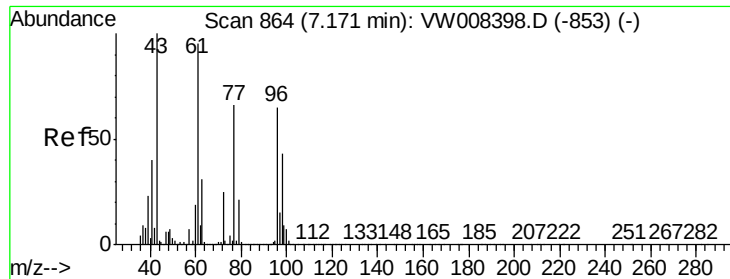
Tgt Ion: 43 Resp: 2524
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 9.551 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008479.D
Acq: 01 Feb 2019 14:11

Tgt Ion: 84 Resp: 36243
Ion Ratio Lower Upper
84 100
49 115.6 106.8 160.2
51 36.7 32.9 49.3
86 64.9 52.2 78.2





#25

2-Butanone

Concen: 6.997 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008479.D

Acq: 01 Feb 2019 14:11

Instrument :

MSVOA_W

ClientSampled :

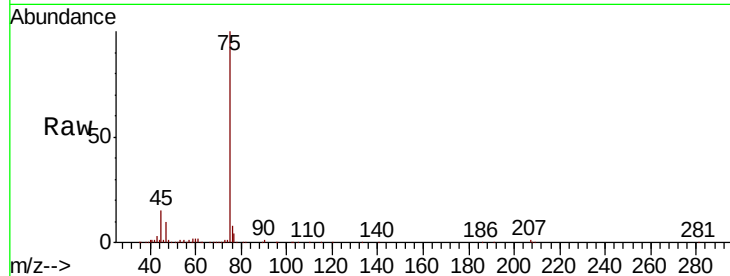
SB-18(34.5-35)

Tgt Ion: 43 Resp: 8002

Ion Ratio Lower Upper

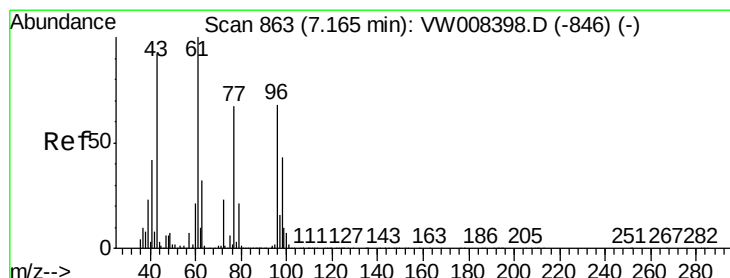
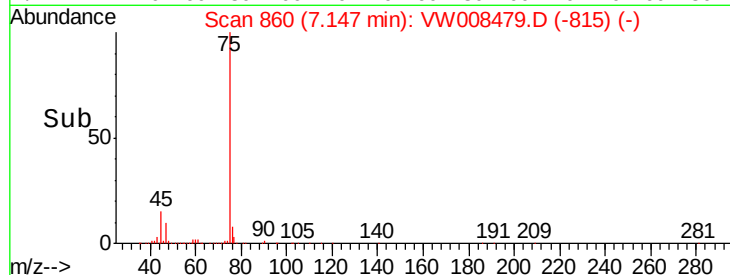
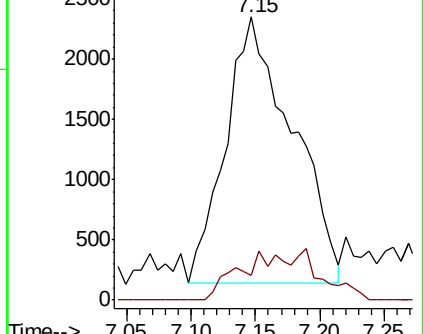
43 100

72 9.5 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.746 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW008479.D

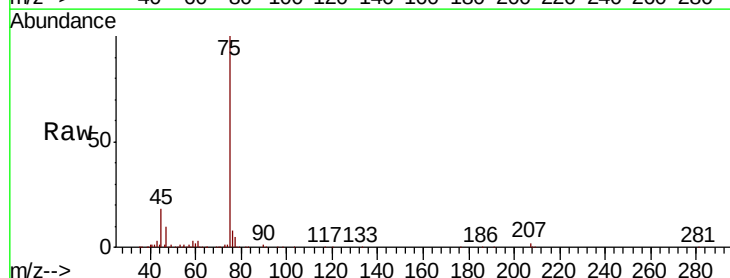
Acq: 01 Feb 2019 14:11

Tgt Ion: 77 Resp: 8214

Ion Ratio Lower Upper

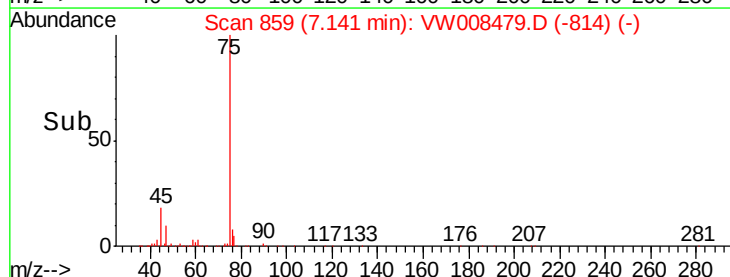
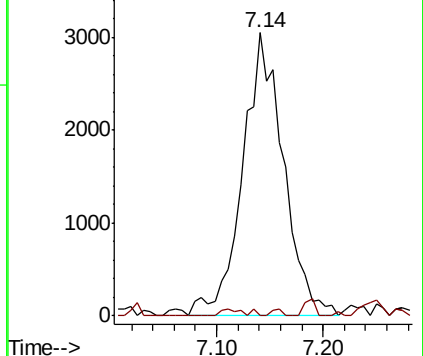
77 100

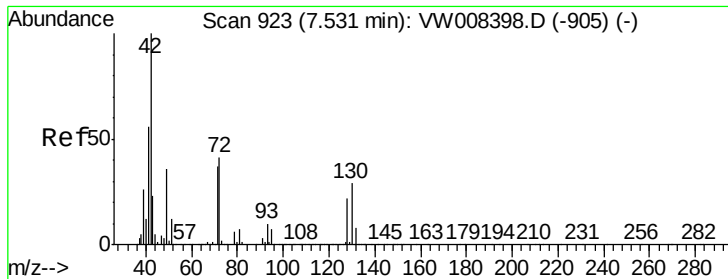
97 1.4 11.5 34.5#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

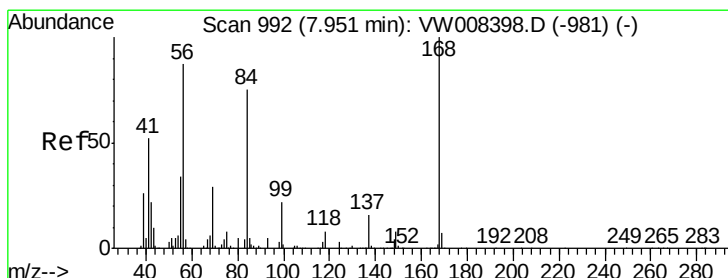
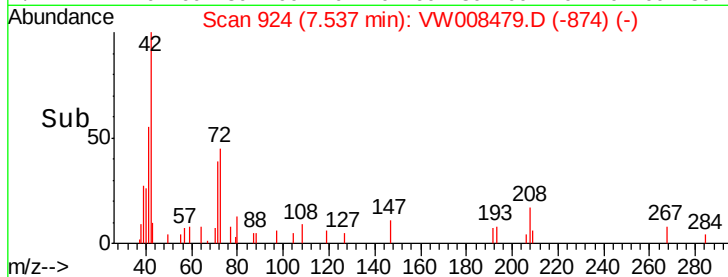
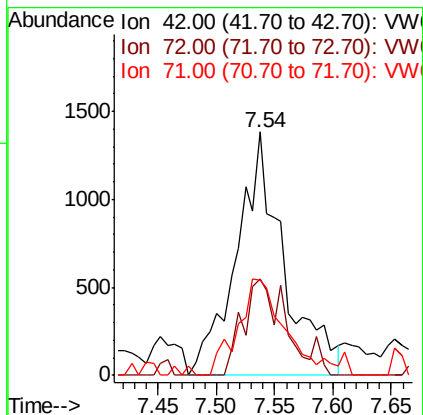
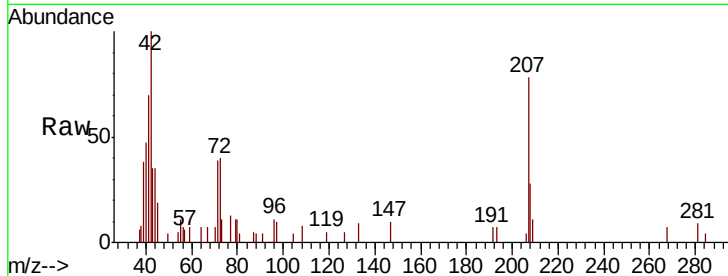




#29
Tetrahydrofuran
Concen: 5.395 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008479.D
Acq: 01 Feb 2019 14:11

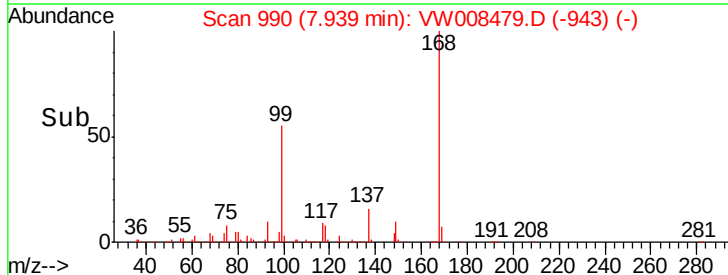
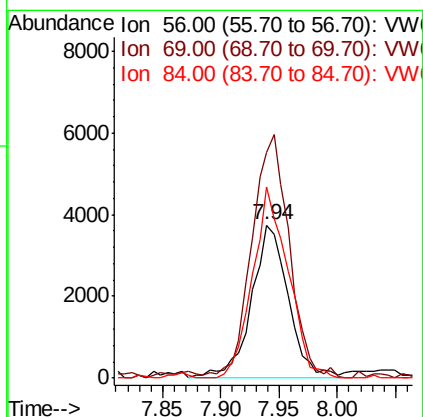
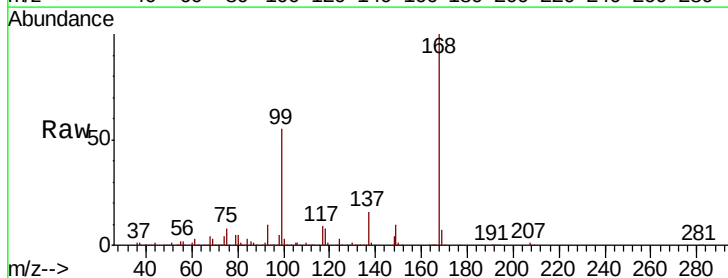
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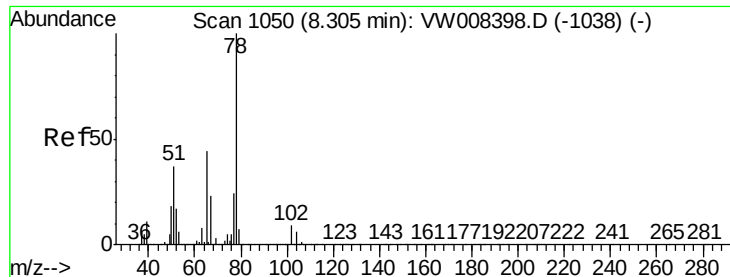
Tgt Ion: 42 Resp: 3910
Ion Ratio Lower Upper
42 100
72 34.1 31.9 47.9
71 40.7 29.9 44.9



#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008479.D
Acq: 01 Feb 2019 14:11

Tgt Ion: 56 Resp: 8293
Ion Ratio Lower Upper
56 100
69 146.0 26.4 39.6#
84 124.6 69.1 103.7#

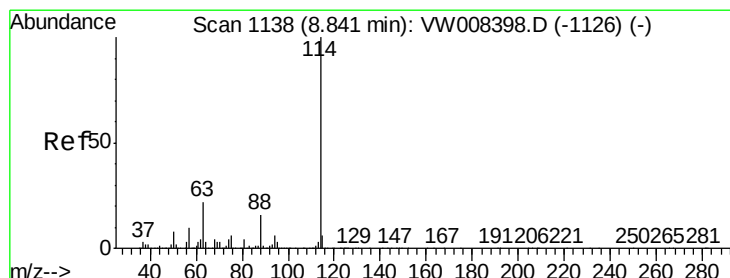
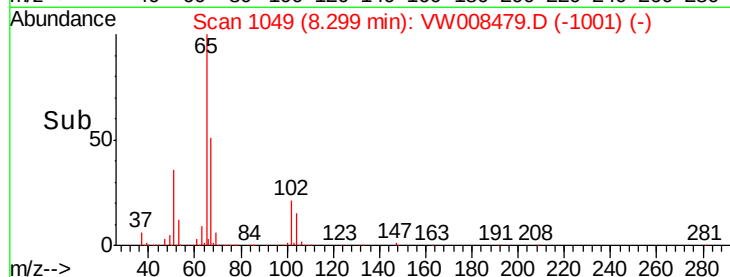
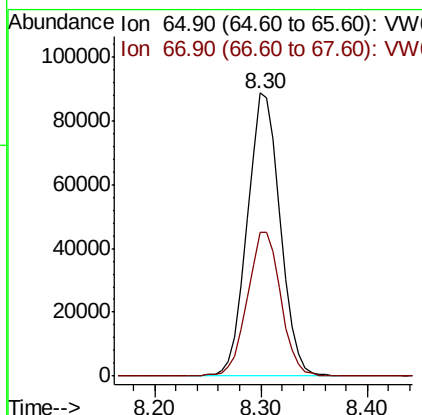
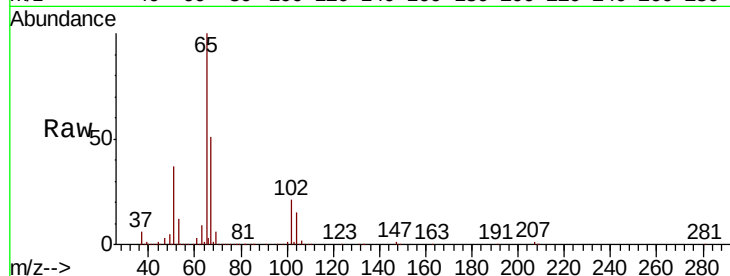




#33
 1,2-Dichloroethane-d4
 Concen: 52.509 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

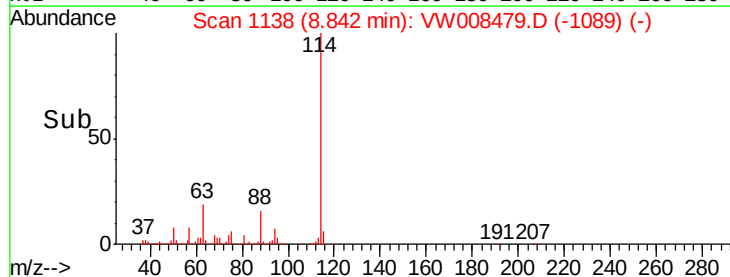
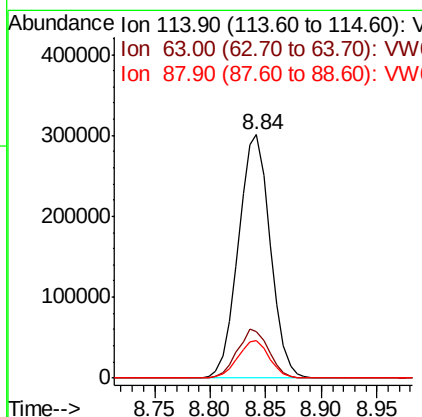
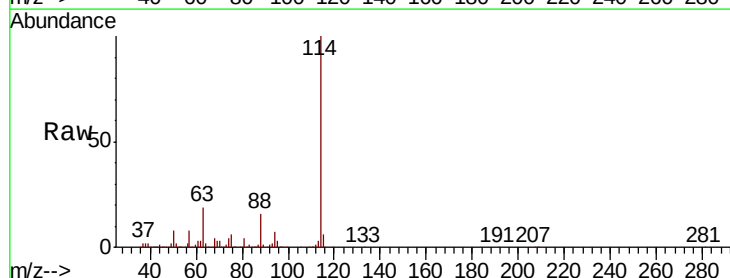
Instrument :
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 SB-18(34.5-35)

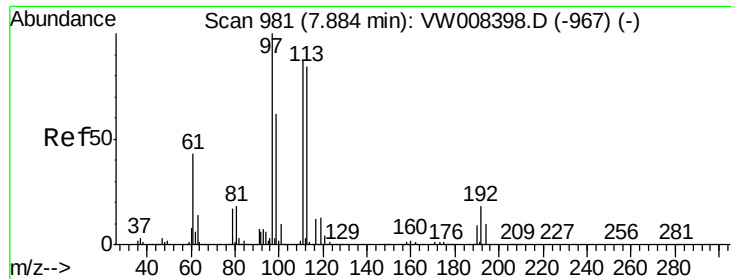
Tgt Ion: 65 Resp: 192517
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

Tgt Ion: 114 Resp: 597150
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.6
 88 15.7 0.0 31.8

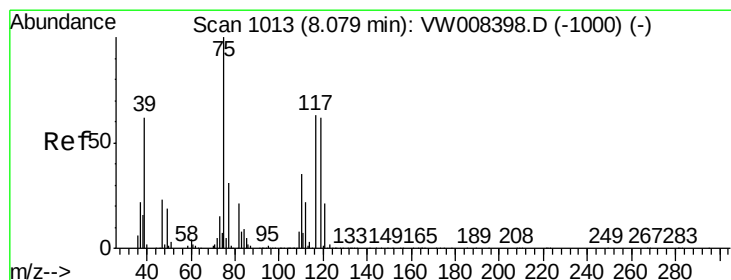
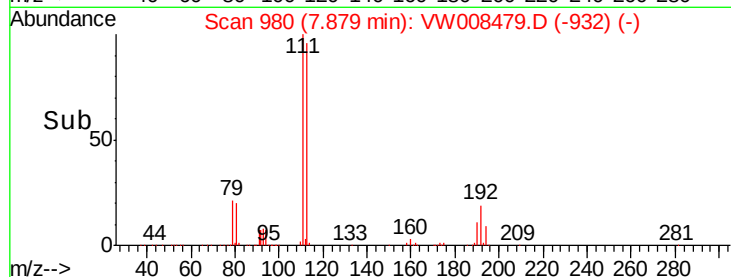
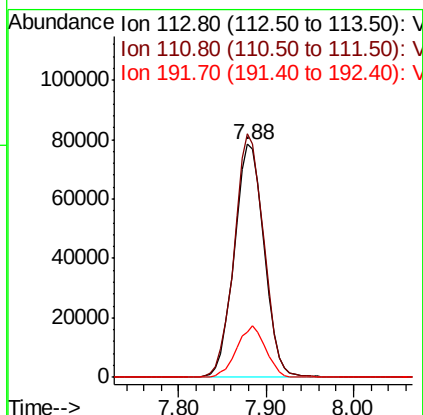
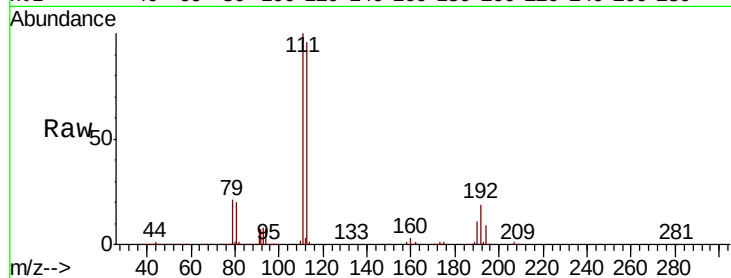




#35
 Dibromofluoromethane
 Concen: 53.374 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

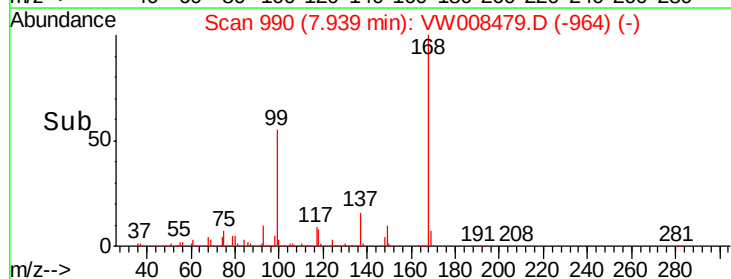
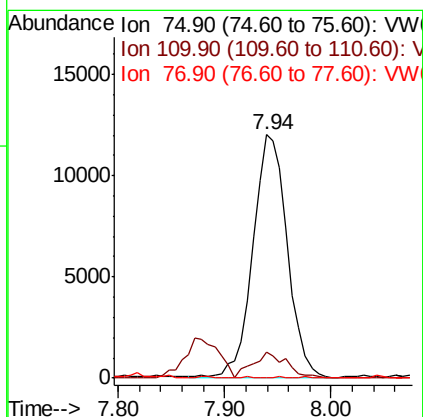
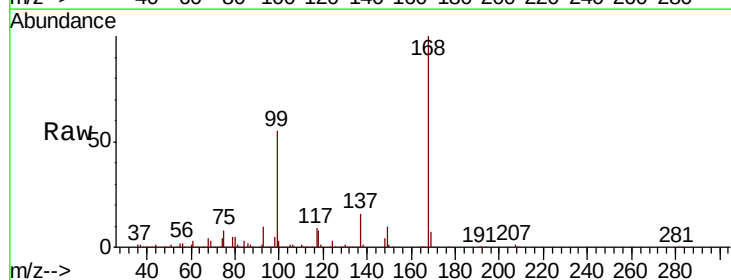
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-18(34.5-35)

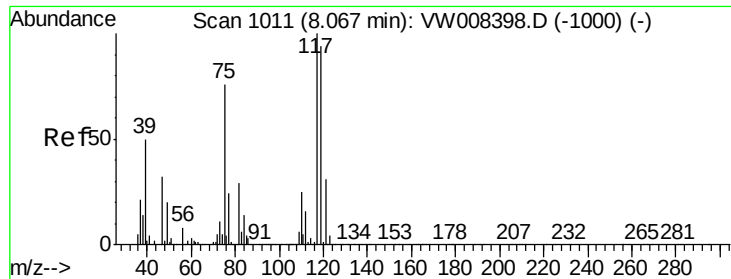
Tgt Ion:113 Resp: 186369
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.0 121.4
 192 21.4 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.833 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

Tgt Ion: 75 Resp: 27261
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.3 52.0#
 77 0.1 24.7 37.1#

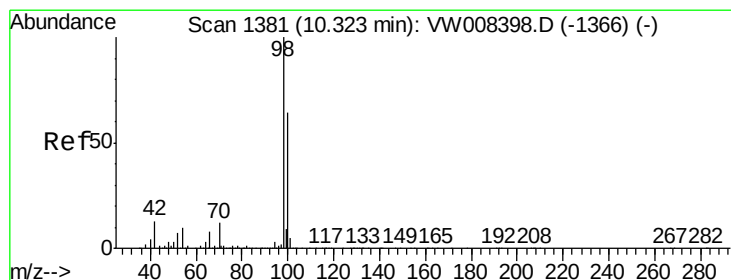
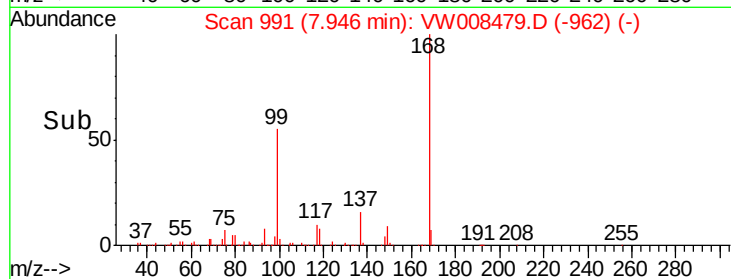
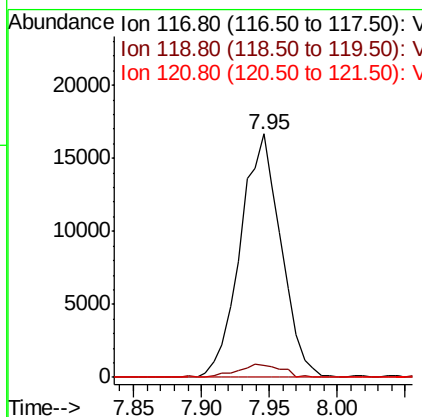
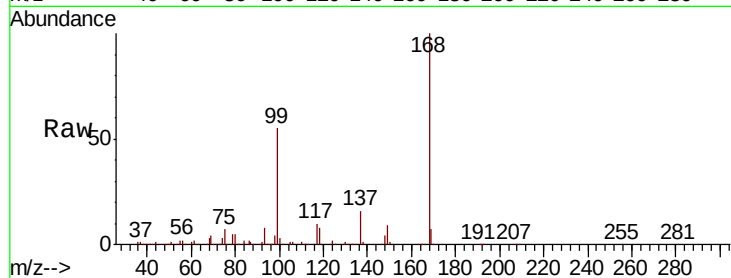




#38
Carbon Tetrachloride
Concen: 6.142 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008479.D
Acq: 01 Feb 2019 14:11

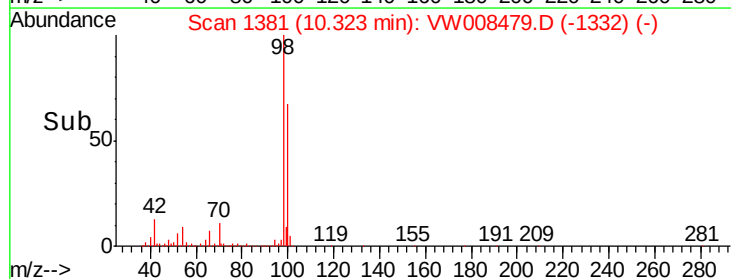
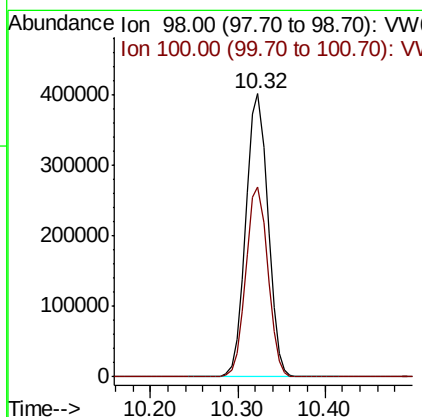
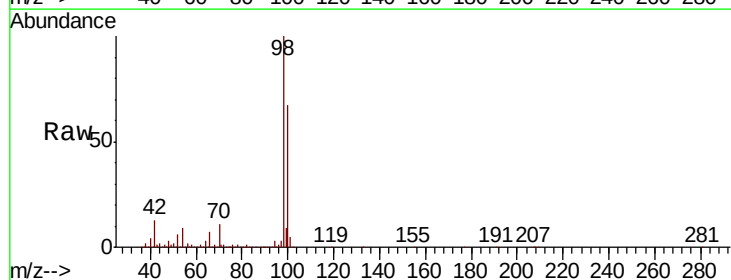
Instrument :
MSVOA_W
ClientSampleId :
SB-18(34.5-35)

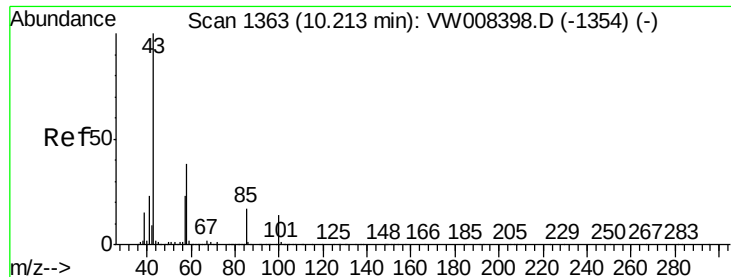
Tgt Ion:117 Resp: 34864
Ion Ratio Lower Upper
117 100
119 5.1 75.0 112.4#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 50.276 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008479.D
Acq: 01 Feb 2019 14:11

Tgt Ion: 98 Resp: 703962
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

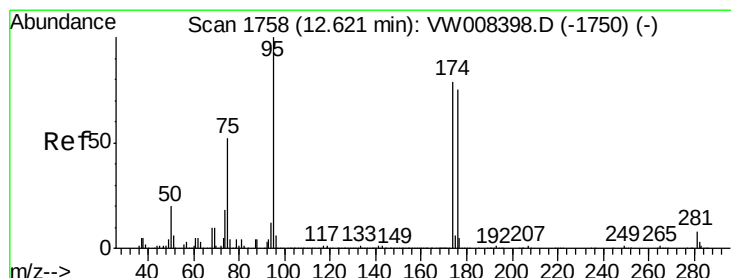
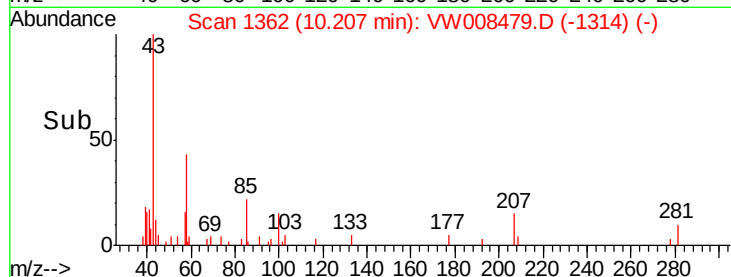
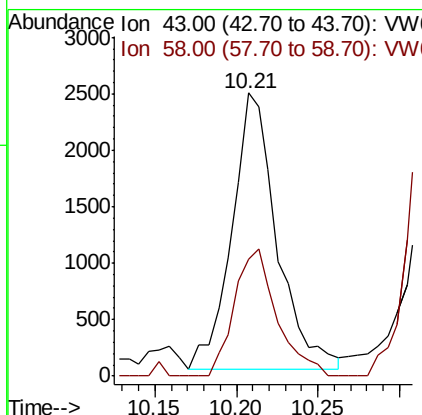
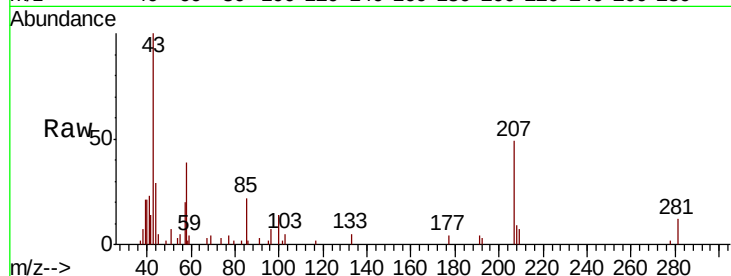




#51
 4-Methyl-2-Pentanone
 Concen: 1.835 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

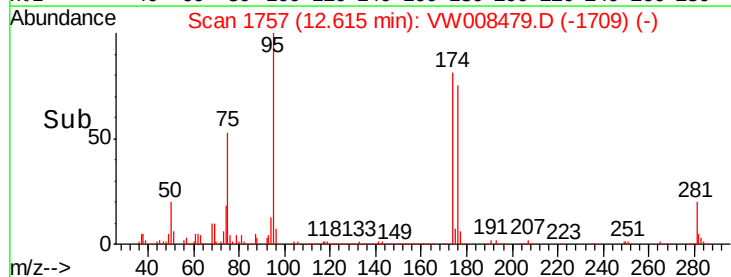
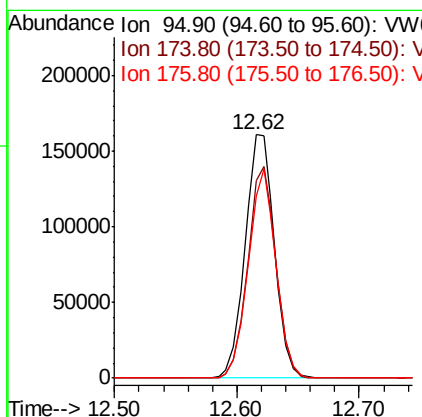
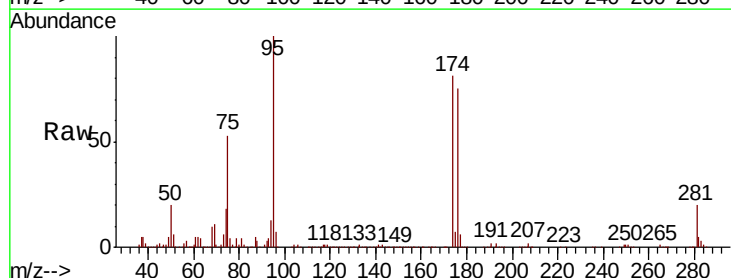
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-18(34.5-35)

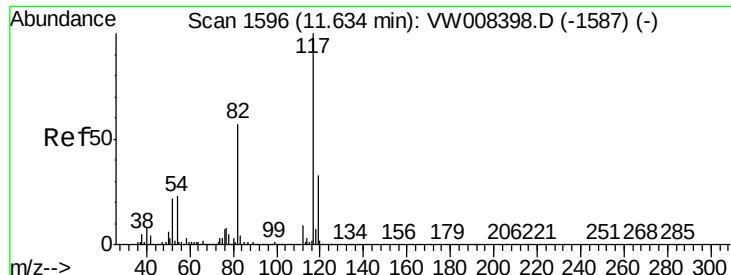
Tgt Ion: 43 Resp: 4699
 Ion Ratio Lower Upper
 43 100
 58 43.4 29.7 44.5



#62
 4-Bromofluorobenzene
 Concen: 49.584 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

Tgt Ion: 95 Resp: 266866
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 157.6
 176 81.3 0.0 151.8

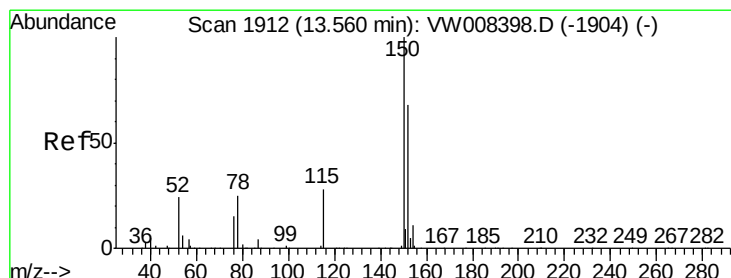
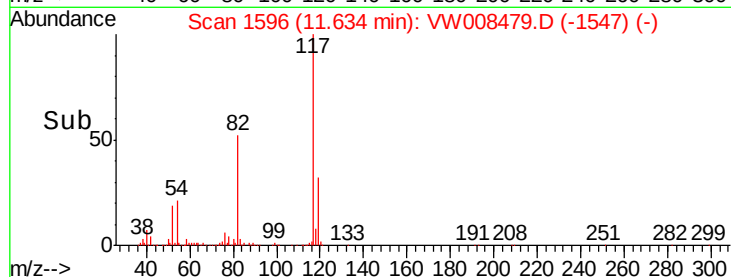
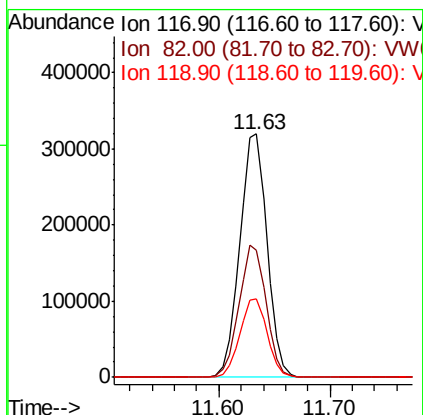
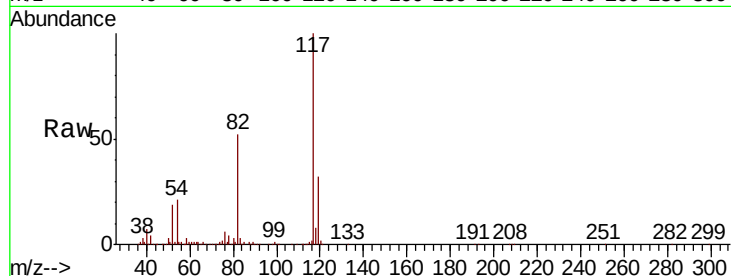




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008479.D
Acq: 01 Feb 2019 14:11

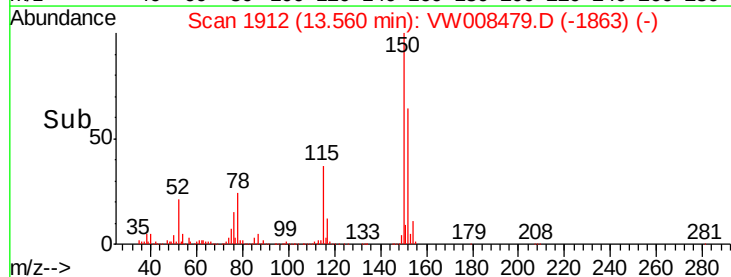
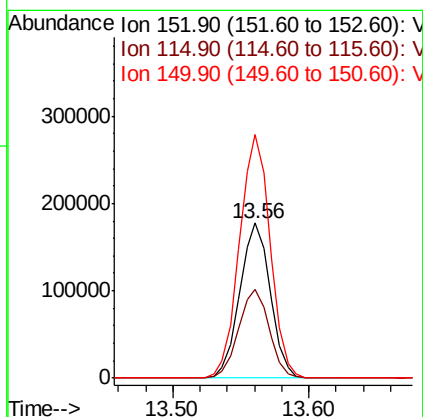
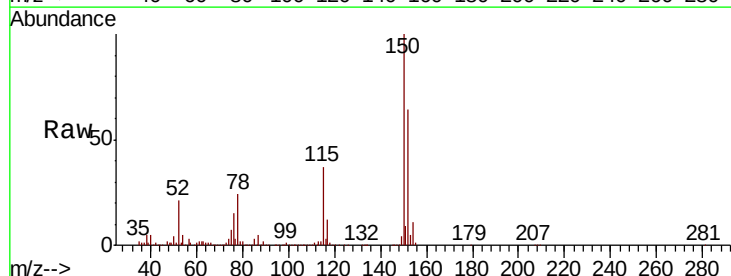
Instrument :
MSVOA_W
ClientSampleId :
SB-18(34.5-35)

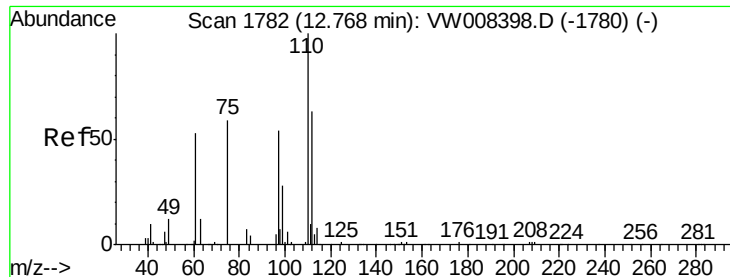
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.4	68.0
119	32.3	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008479.D
Acq: 01 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.9	89.7
150	157.6	0.0	351.4

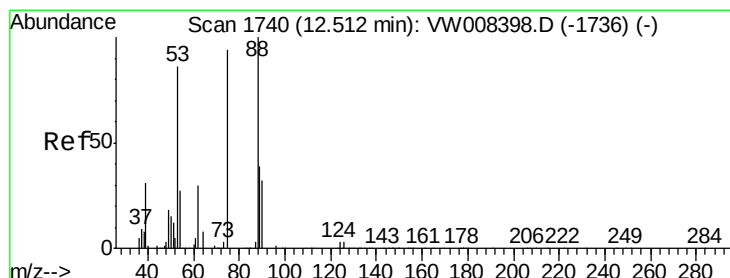
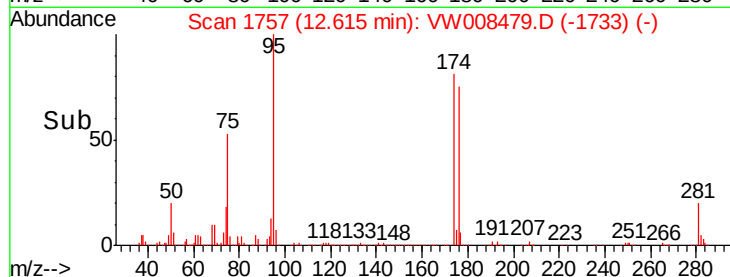
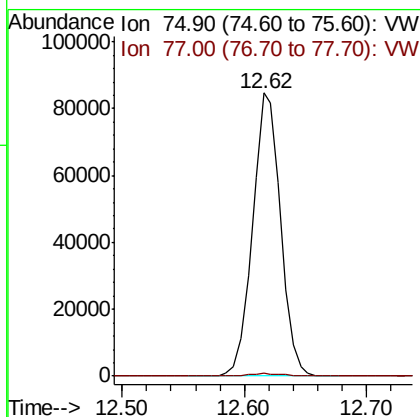
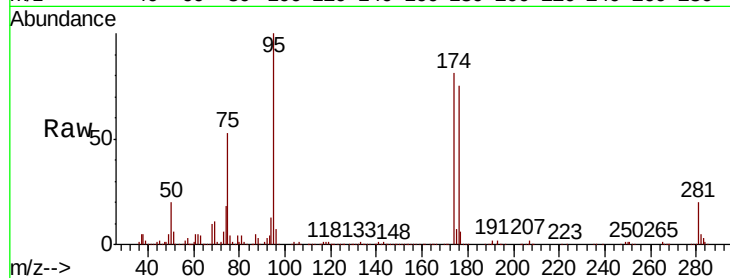




#76
 1,2,3-Trichloropropane
 Concen: 55.823 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-18(34.5-35)

Tgt Ion: 75 Resp: 134924
 Ion Ratio Lower Upper
 75 100
 77 1.4 180.7 542.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.254 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

Tgt Ion: 75 Resp: 134924
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.0 114.0#
 89 0.3 35.4 53.0#

