

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014605.D
 Acq On : 10 Jan 2020 17:44
 Operator : SY/VA
 Sample : L1051-08
 Misc : 8.70G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3I-(8.5-10.5)

Quant Time: Jan 11 04:00:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	672669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1088644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	934058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	436448	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	371798	63.22	ug/l	0.00
Spiked Amount						
			Recovery	=	126.44%	
35) Dibromofluoromethane	7.88	113	206468	33.18	ug/l	0.00
Spiked Amount						
			Recovery	=	66.36%	
50) Toluene-d8	10.32	98	1487169	57.28	ug/l	0.00
Spiked Amount						
			Recovery	=	114.56%	
62) 4-Bromofluorobenzene	12.62	95	488820	55.50	ug/l	0.00
Spiked Amount						
			Recovery	=	111.00%	

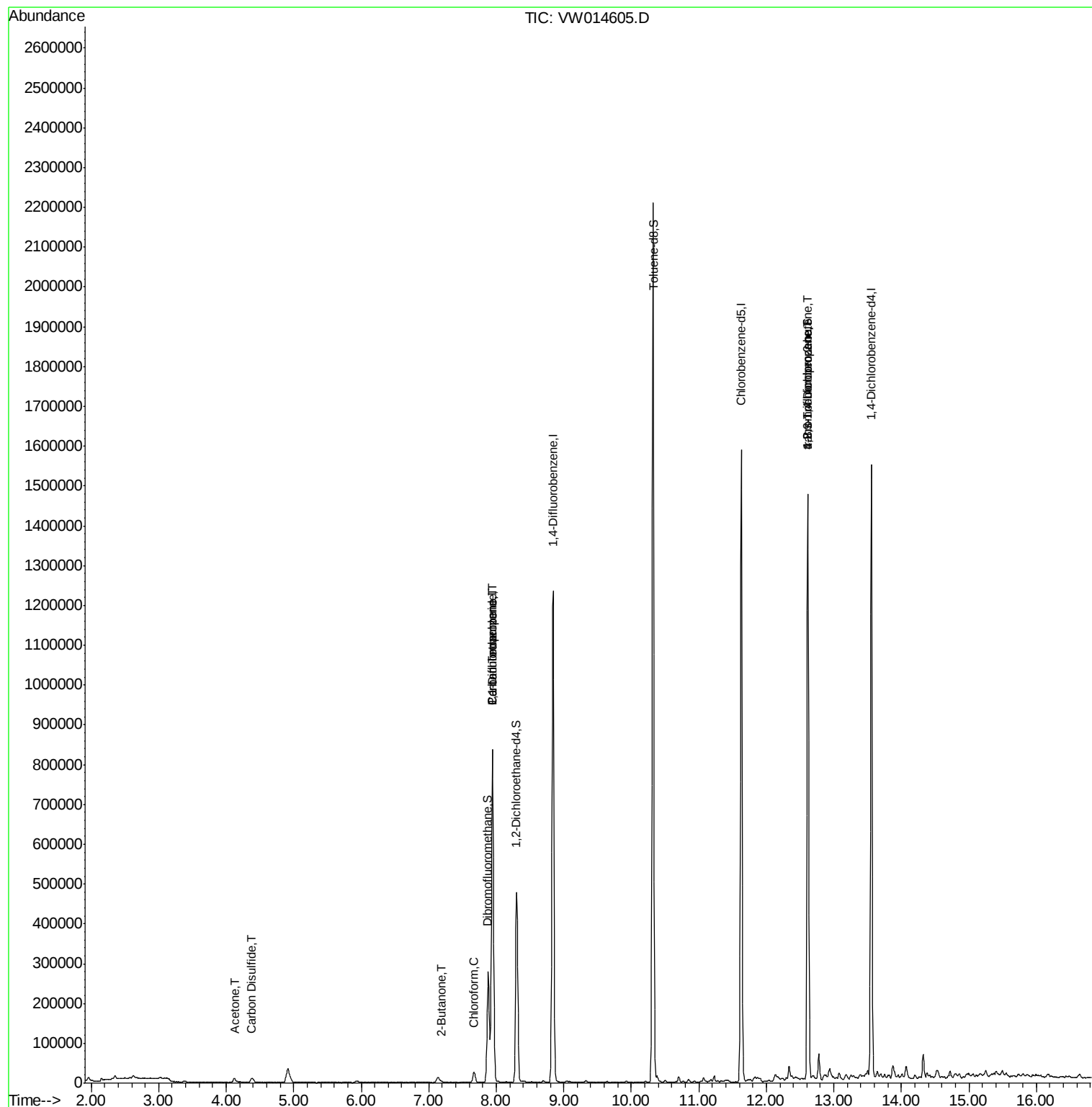
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	1084	Below Cal	#	73
16) Acetone	4.12	43	19356	11.656	ug/l	92
17) Carbon Disulfide	4.38	76	24227	1.201	ug/l	97
25) 2-Butanone	7.19	43	3523	1.653	ug/l	93
30) Chloroform	7.67	83	26235	2.323	ug/l	99
36) 1,1-Dichloropropene	7.95	75	45802	4.364	ug/l	# 49
38) Carbon Tetrachloride	7.95	117	59816	6.570	ug/l	# 17
76) 1,2,3-Trichloropropane	12.62	75	232517	56.347	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	232517	125.543	ug/l	# 14

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

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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014605.D

Acq: 10 Jan 2020 17:44

Instrument :

MSVOA_W

ClientSampleId :

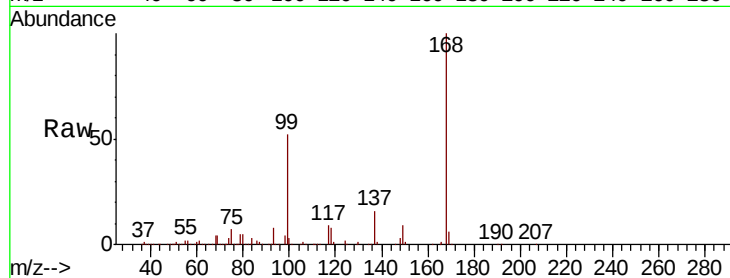
SB-3I-(8.5-10.5)

Tot Ion:168 Resp: 672669

Ion Ratio Lower Upper

168 100

99 52.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

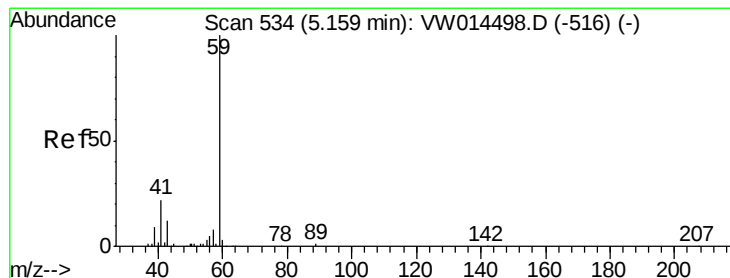
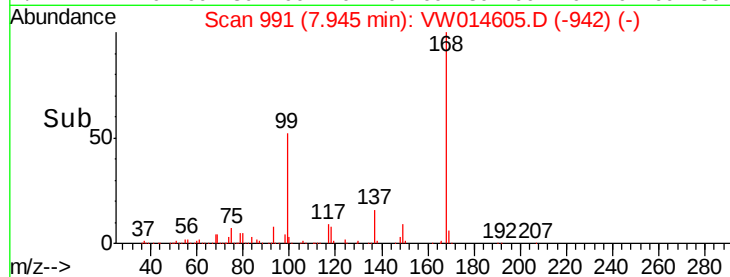
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 531

Delta R.T. -0.02 min

Lab File: VW014605.D

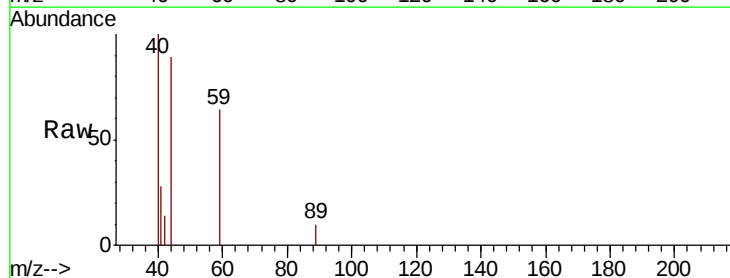
Acq: 10 Jan 2020 17:44

Tgt Ion: 59 Resp: 1084

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

500

400

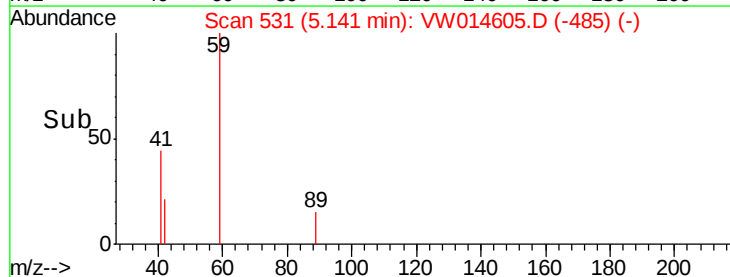
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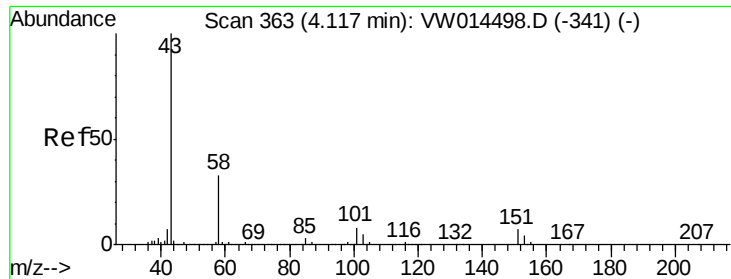
200

100

0

Time-->

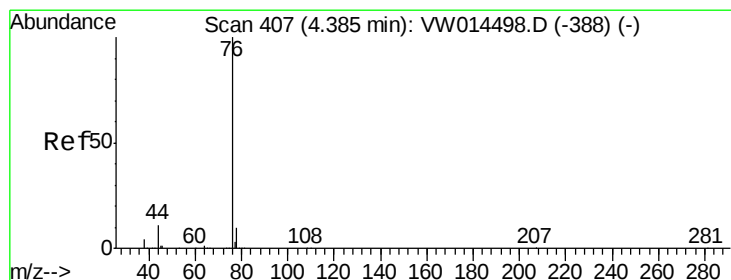
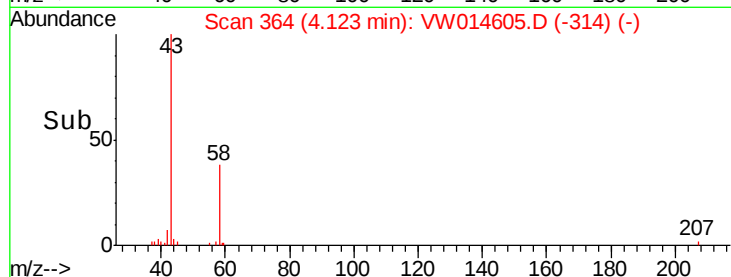
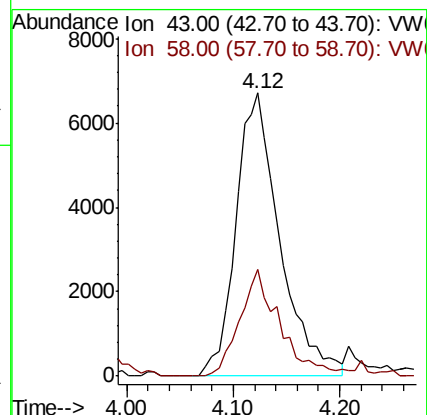
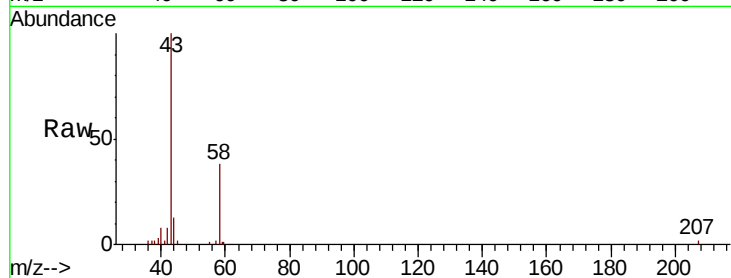




#16
Acetone
Concen: 11.656 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014605.D
Acq: 10 Jan 2020 17:44

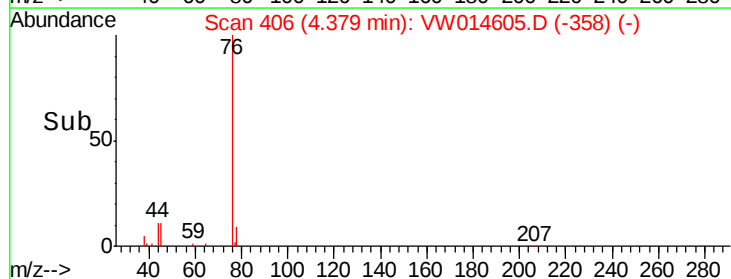
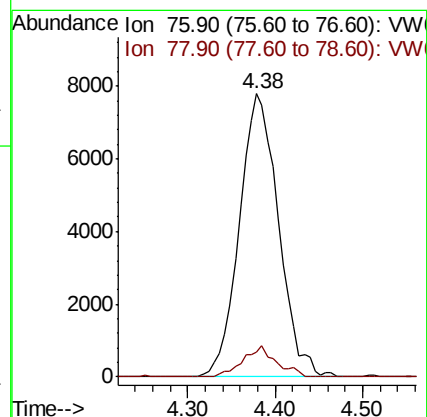
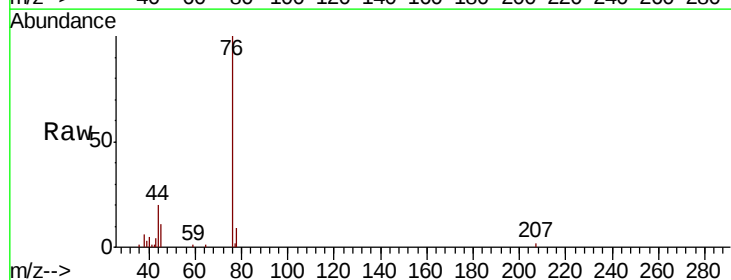
Instrument :
MSVOA_W
ClientSampleId :
SB-3I-(8.5-10.5)

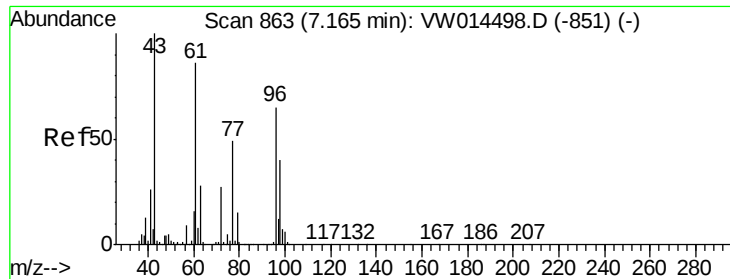
Tot Ion: 43 Resp: 19356
Ion Ratio Lower Upper
43 100
58 37.6 26.6 39.8



#17
Carbon Disulfide
Concen: 1.201 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014605.D
Acq: 10 Jan 2020 17:44

Tgt Ion: 76 Resp: 24227
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.6





#25

2-Butanone

Concen: 1.653 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW014605.D

Acq: 10 Jan 2020 17:44

Instrument :

MSVOA_W

ClientSampleId :

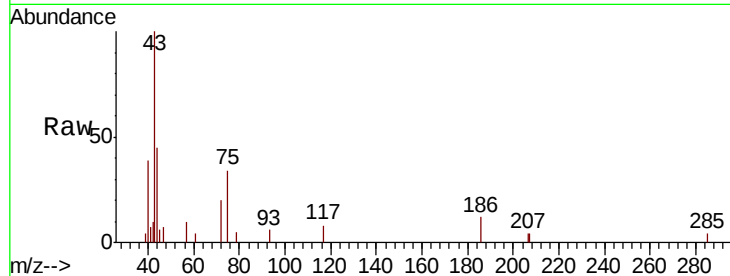
SB-3I-(8.5-10.5)

Tot Ion: 43 Resp: 3523

Ion Ratio Lower Upper

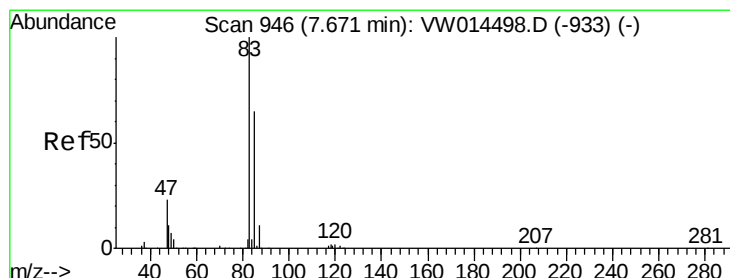
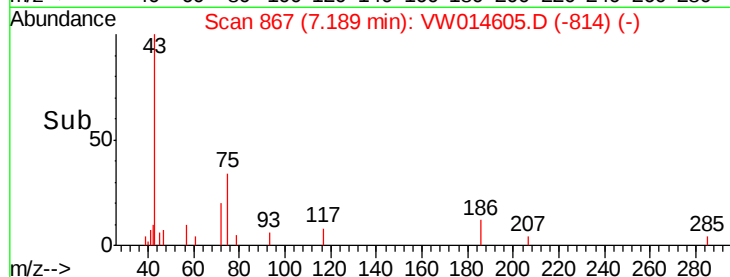
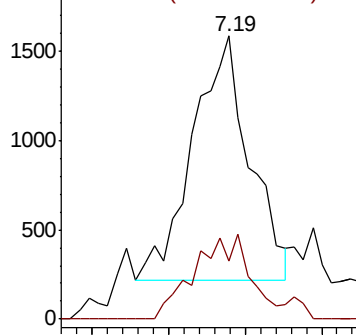
43 100

72 23.7 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#30

Chloroform

Concen: 2.323 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW014605.D

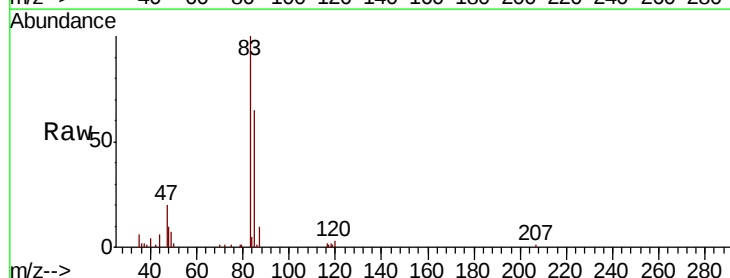
Acq: 10 Jan 2020 17:44

Tgt Ion: 83 Resp: 26235

Ion Ratio Lower Upper

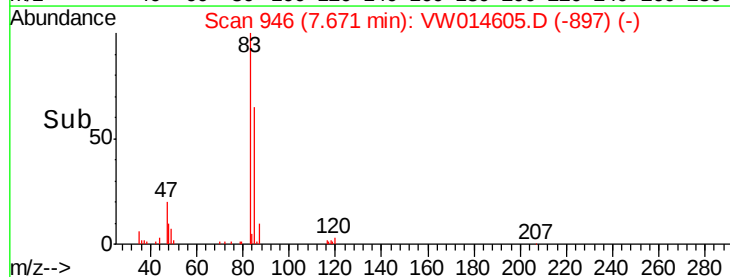
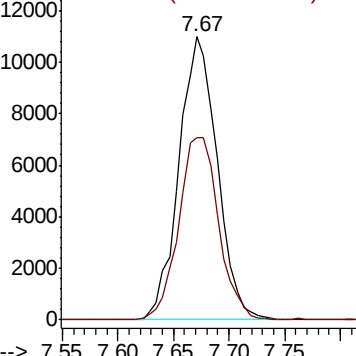
83 100

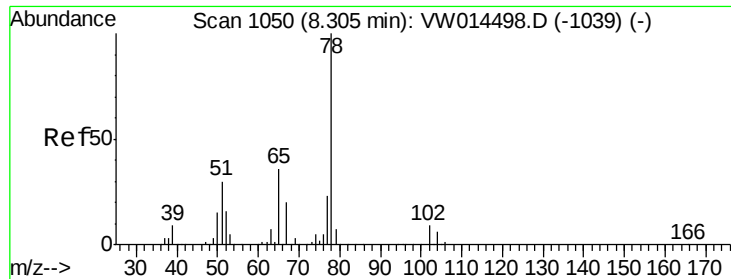
85 64.5 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#33

1,2-Dichloroethane-d4

Concen: 63.218 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014605.D

Acq: 10 Jan 2020 17:44

Instrument :

MSVOA_W

ClientSampleId :

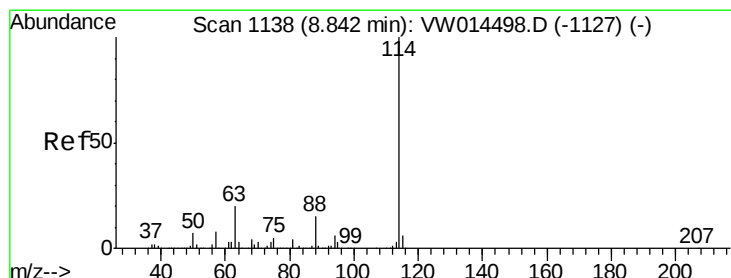
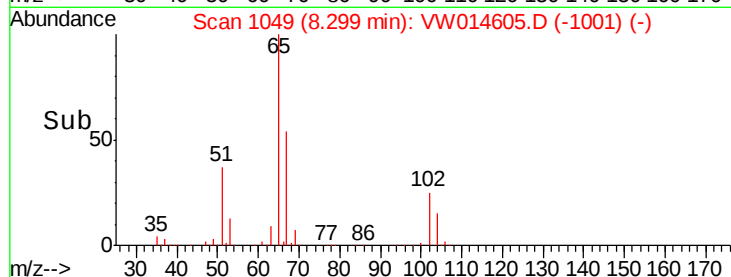
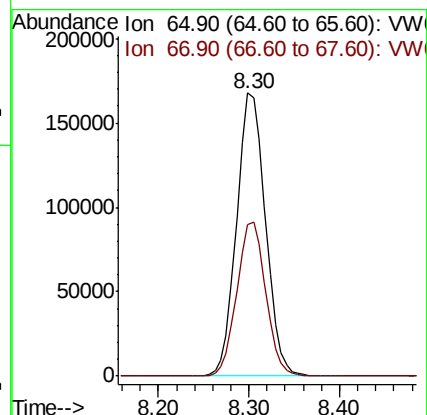
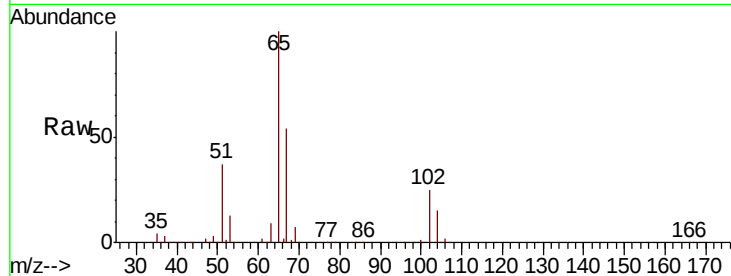
SB-3I-(8.5-10.5)

Tot Ion: 65 Resp: 371798

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW014605.D

Acq: 10 Jan 2020 17:44

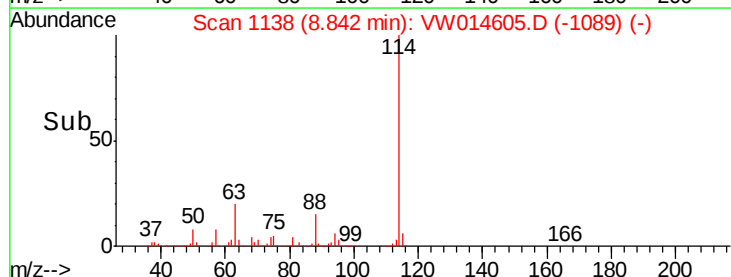
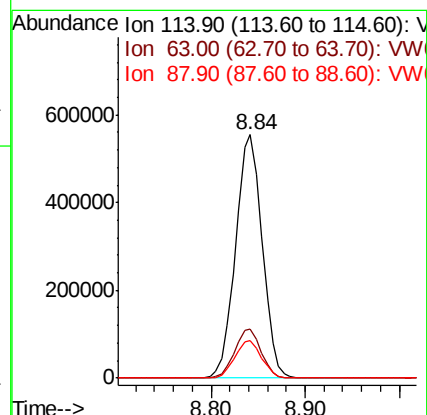
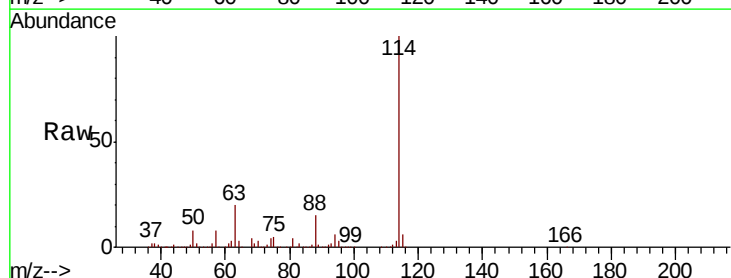
Tgt Ion: 114 Resp: 1088644

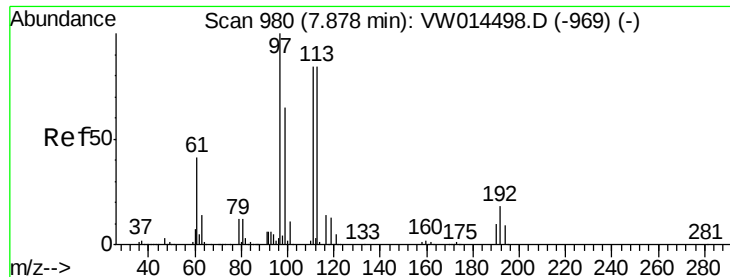
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.4

88 15.4 0.0 30.6

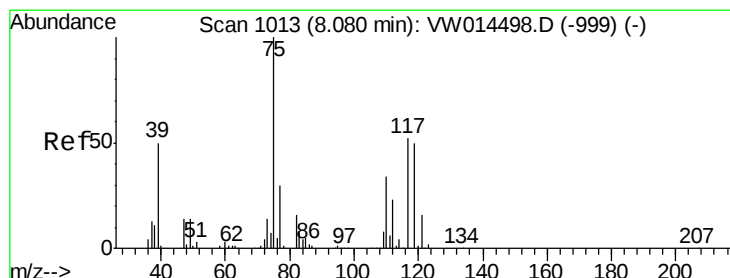
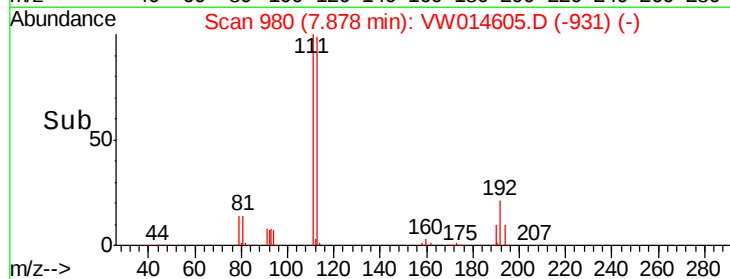
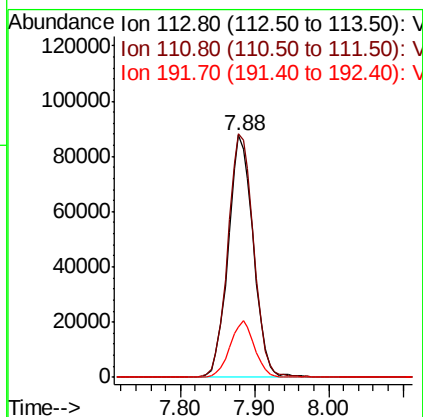
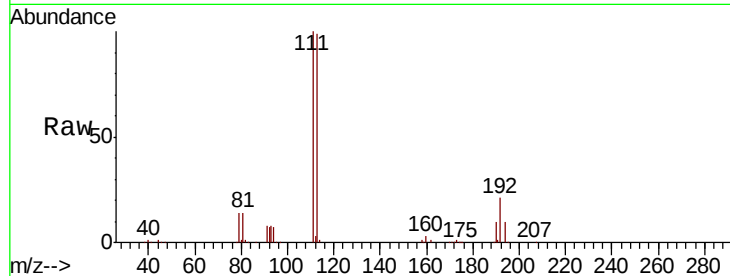




#35
 Dibromofluoromethane
 Concen: 33.185 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014605.D
 Acq: 10 Jan 2020 17:44

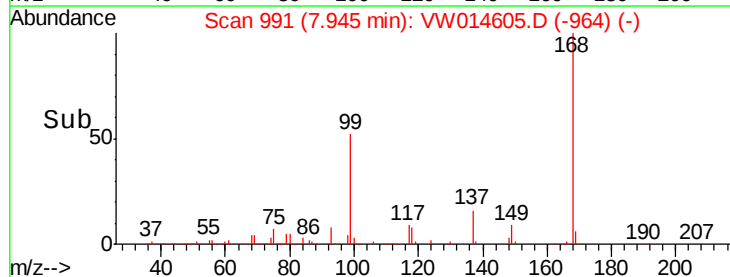
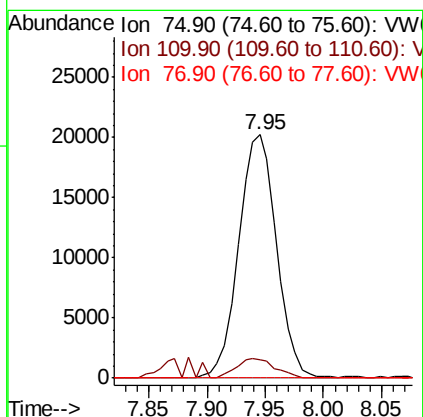
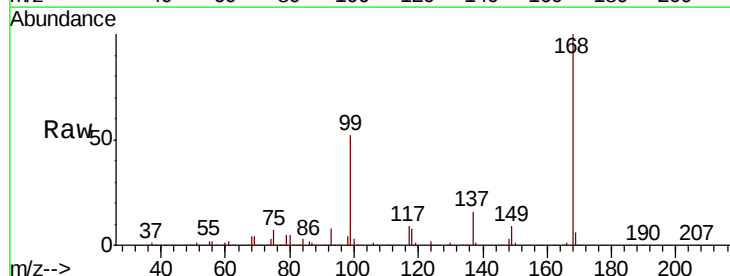
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3I-(8.5-10.5)

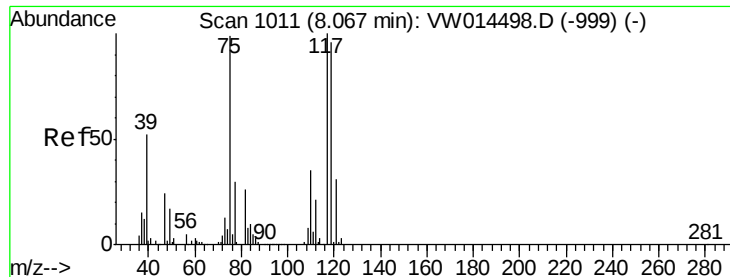
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.2
192	22.8	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 4.364 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014605.D
 Acq: 10 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.8	53.5#
77	0.1	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.570 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW014605.D

Acq: 10 Jan 2020 17:44

Instrument :

MSVOA_W

ClientSampleId :

SB-3I-(8.5-10.5)

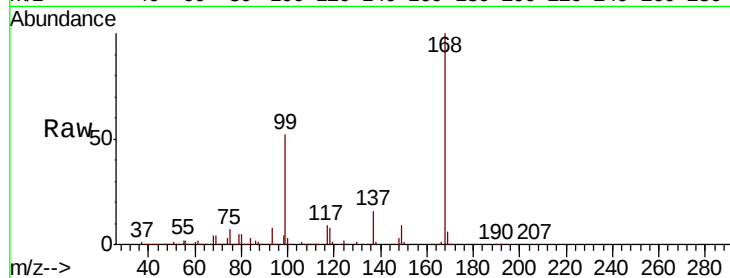
Tot Ion:117 Resp: 59816

Ion Ratio Lower Upper

117 100

119 7.2 77.0 115.6#

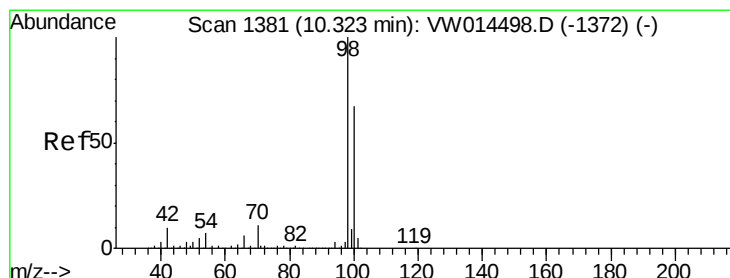
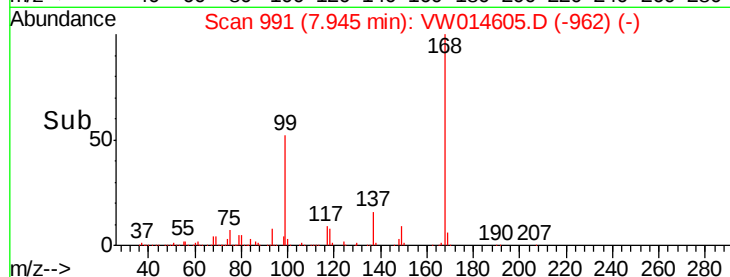
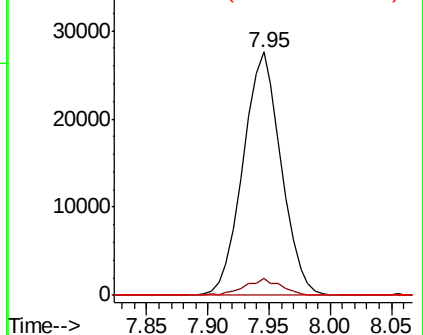
121 0.0 24.6 36.8#



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



#50

Toluene-d8

Concen: 57.276 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014605.D

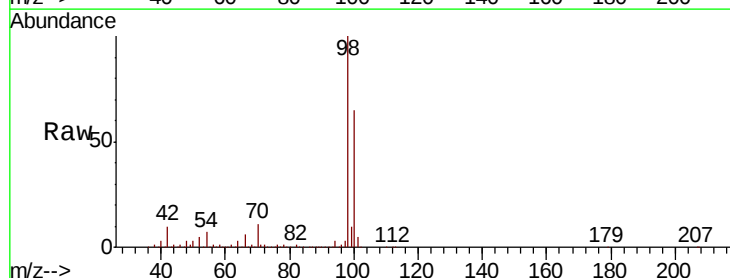
Acq: 10 Jan 2020 17:44

Tgt Ion: 98 Resp: 1487169

Ion Ratio Lower Upper

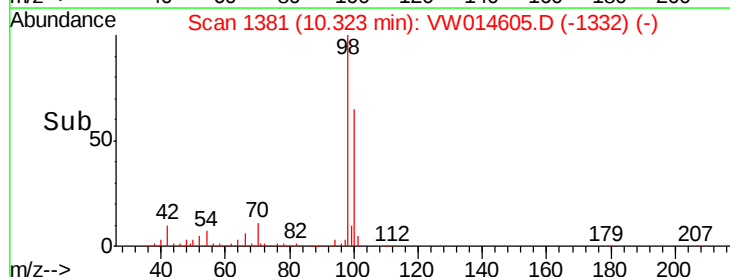
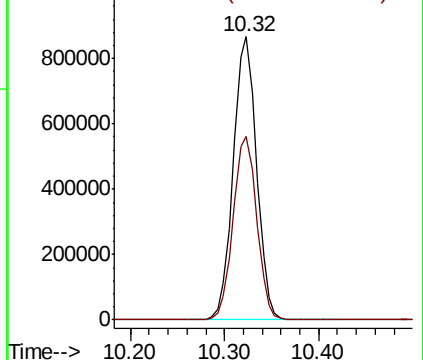
98 100

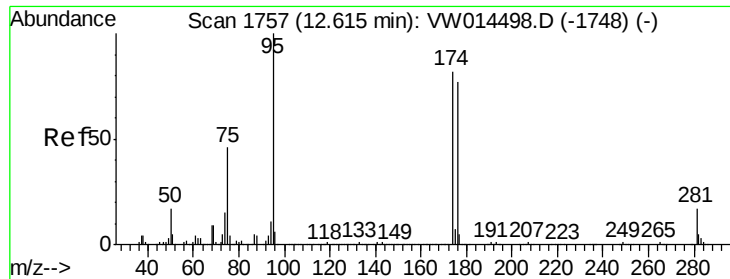
100 65.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

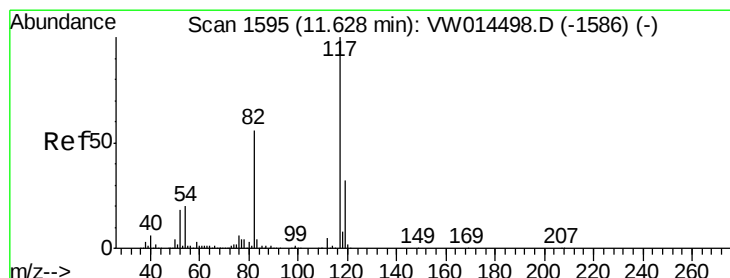
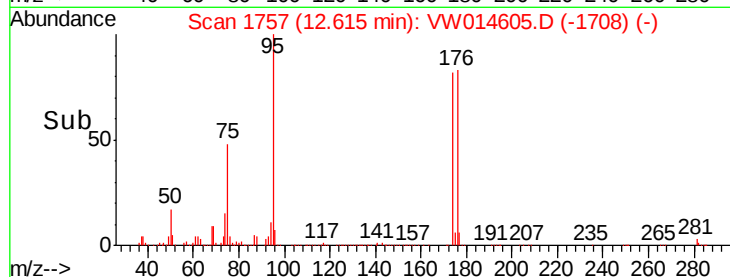
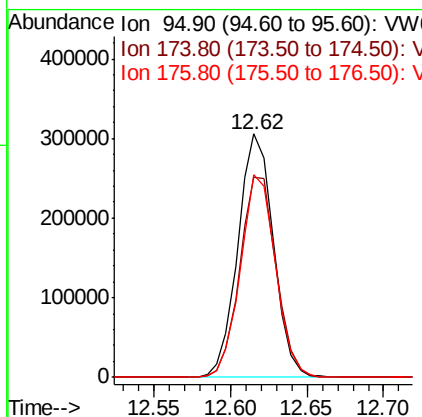
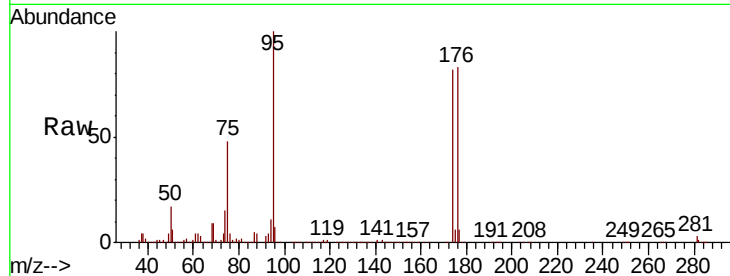




#62
4-Bromofluorobenzene
Concen: 55.503 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014605.D
Acq: 10 Jan 2020 17:44

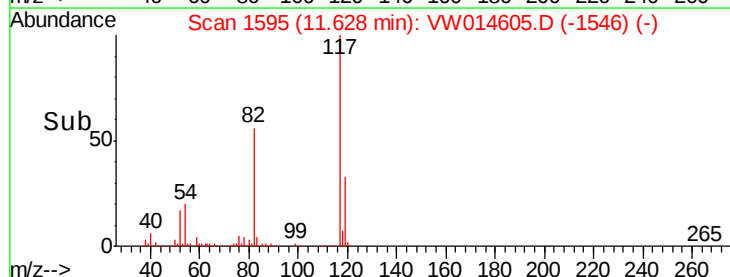
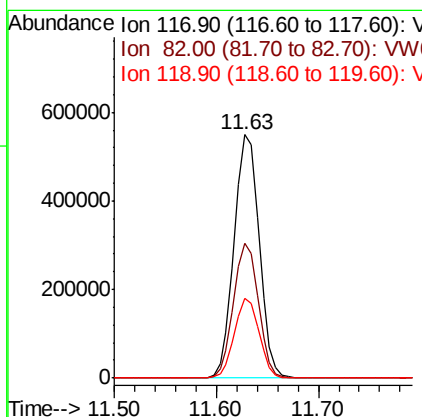
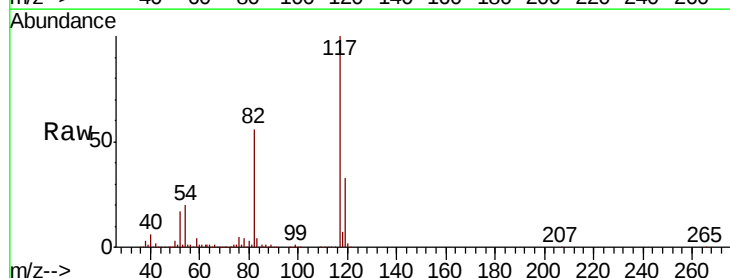
Instrument :
MSVOA_W
ClientSampleId :
SB-3I-(8.5-10.5)

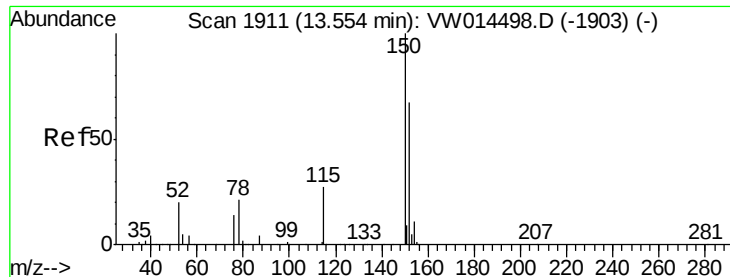
Tot Ion	95	Resp	488820
Ion Ratio	Lower	Upper	
95	100		
174	85.3	0.0	168.6
176	83.2	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014605.D
Acq: 10 Jan 2020 17:44

Tgt Ion	117	Resp	934058
Ion Ratio	Lower	Upper	
117	100		
82	55.6	44.6	67.0
119	32.8	25.7	38.5



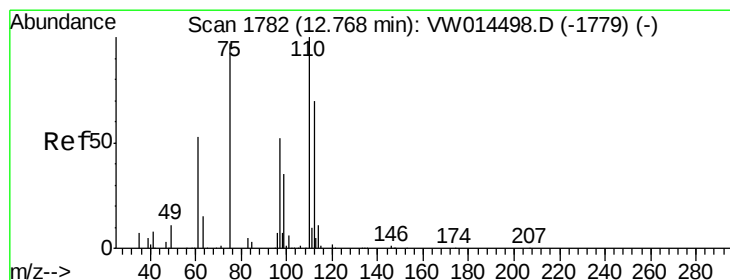
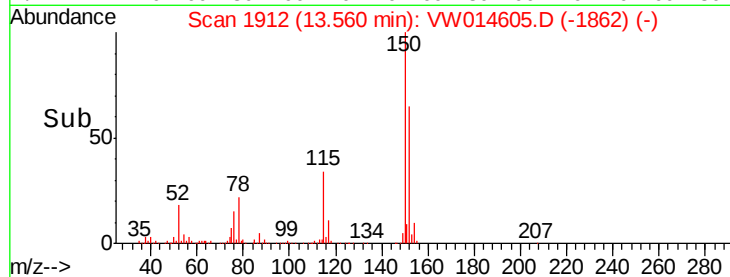
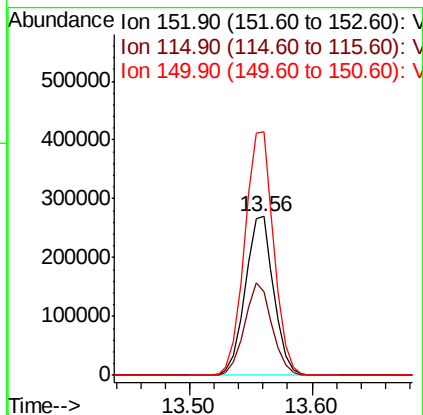
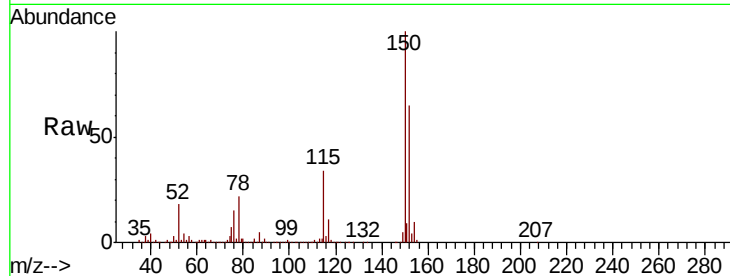


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014605.D
Acq: 10 Jan 2020 17:44

Instrument :
MSVOA_W
ClientSampleId :
SB-3I-(8.5-10.5)

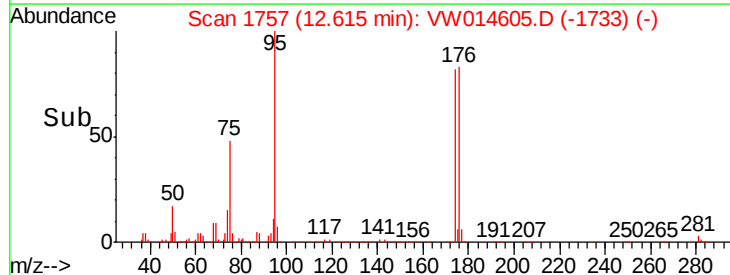
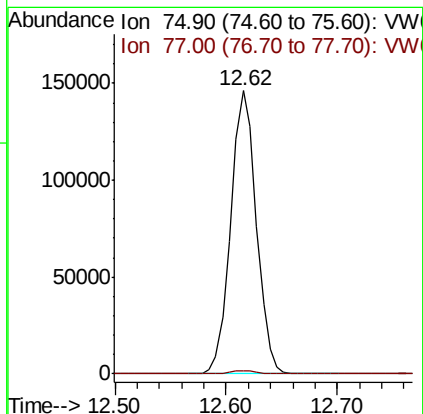
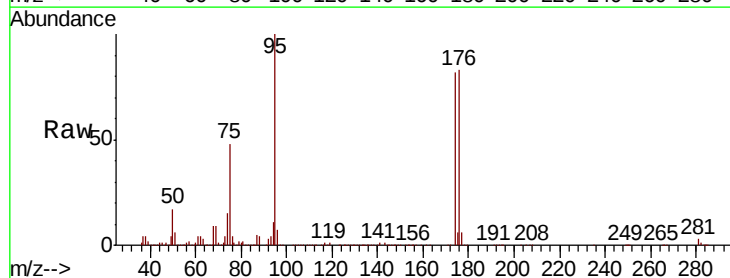
Tot Ion:152 Resp: 436448
Ion Ratio Lower Upper
152 100
115 56.2 27.7 83.1
150 156.2 0.0 343.4

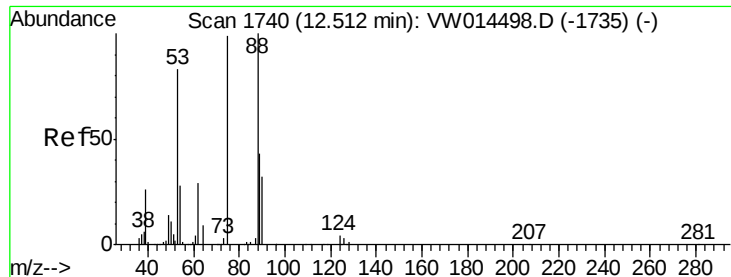


#76

1,2,3-Trichloropropane
Concen: 56.347 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014605.D
Acq: 10 Jan 2020 17:44

Tgt Ion: 75 Resp: 232517
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 125.543 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014605.D

Acq: 10 Jan 2020 17:44

Instrument :

MSVOA_W

ClientSampleId :

SB-3I-(8.5-10.5)

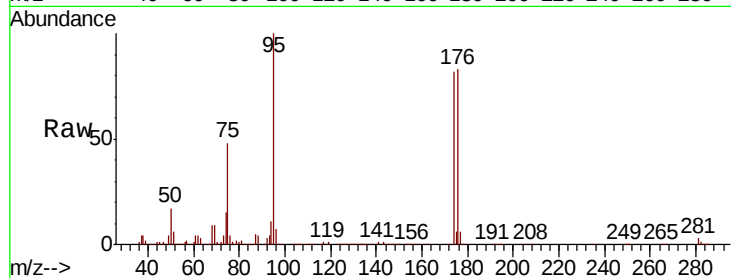
Tot Ion: 75 Resp: 232517

Ion Ratio Lower Upper

75 100

53 0.0 70.9 106.3#

89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

