

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014606.D
 Acq On : 10 Jan 2020 18:10
 Operator : SY/VA
 Sample : L1051-09
 Misc : 7.92G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 11 04:00:39 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	626826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1026887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	883928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	420019	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	370552	67.61	ug/l	0.00
Spiked Amount			Recovery	=	135.22%	
35) Dibromofluoromethane	7.88	113	13711	2.34	ug/l	0.00
Spiked Amount			Recovery	=	4.68%	
50) Toluene-d8	10.32	98	1482997	60.55	ug/l	0.00
Spiked Amount			Recovery	=	121.10%	
62) 4-Bromofluorobenzene	12.62	95	484325	58.30	ug/l	0.00
Spiked Amount			Recovery	=	116.60%	

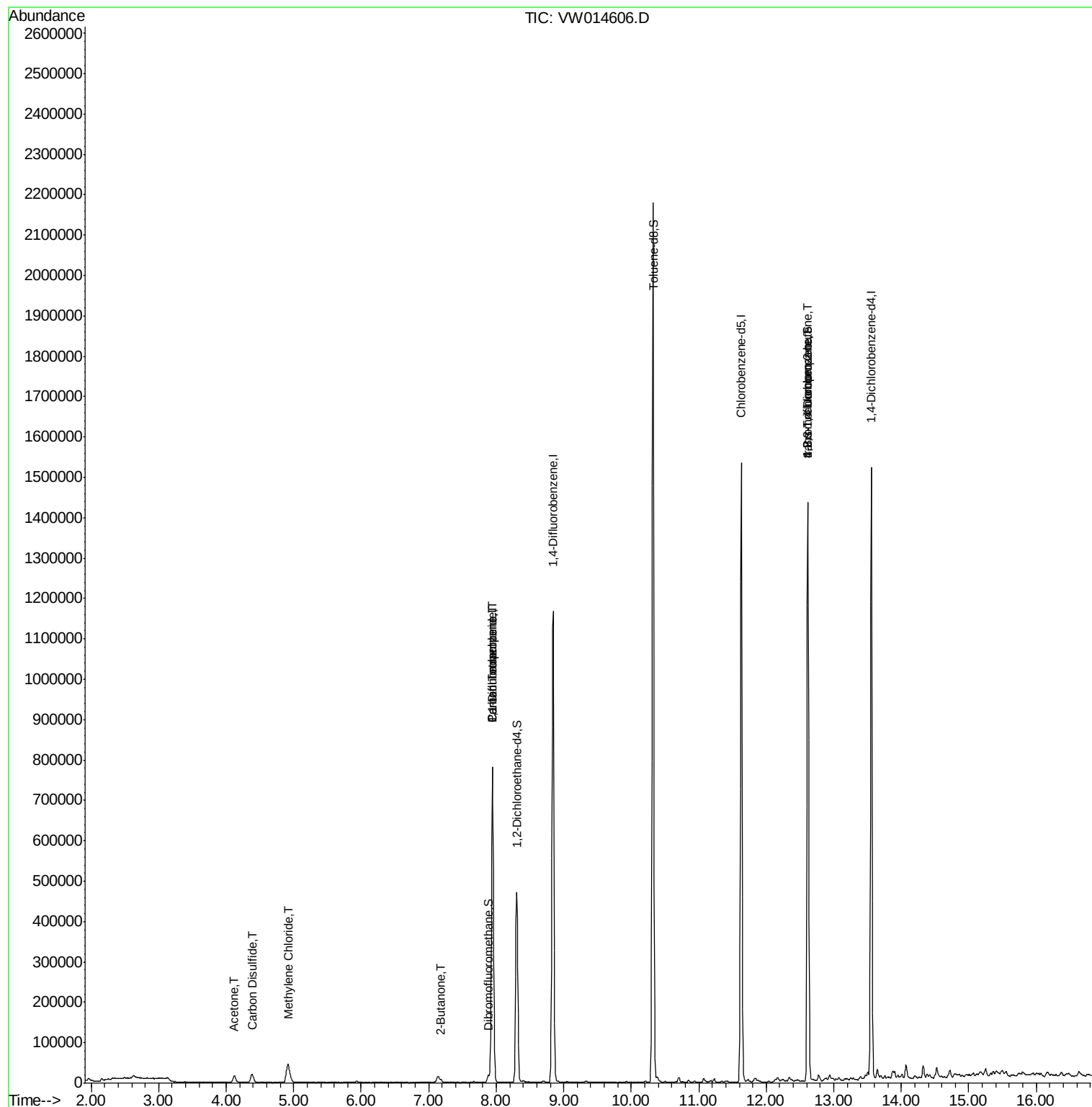
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	2701	Below Cal	#	83
16) Acetone	4.12	43	31282	20.215	ug/l	93
17) Carbon Disulfide	4.39	76	45134	2.401	ug/l	100
20) Methylene Chloride	4.92	84	42411	2.482	ug/l	94
25) 2-Butanone	7.18	43	9820	4.945	ug/l	92
36) 1,1-Dichloropropene	7.94	75	43513	4.395	ug/l #	41
38) Carbon Tetrachloride	7.95	117	54770	6.377	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	229339	57.750	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	229339	128.670	ug/l #	14

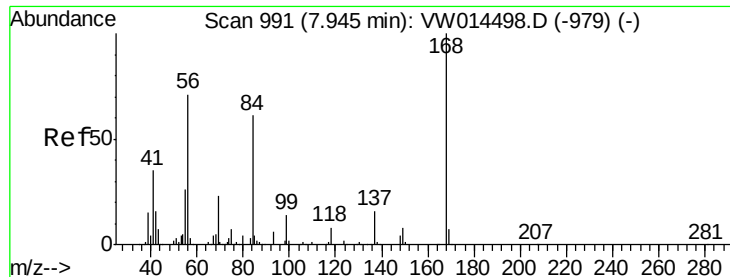
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW014606.D

Acq: 10 Jan 2020 18:10

Instrument :

MSVOA_W

ClientSampleId :

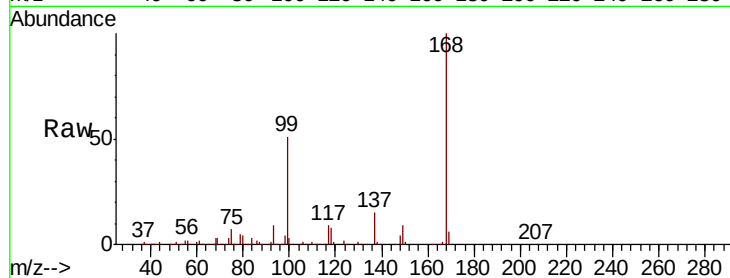
SB-3H-(8.5-10.5)

Tot Ion:168 Resp: 626826

Ion Ratio Lower Upper

168 100

99 50.9 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

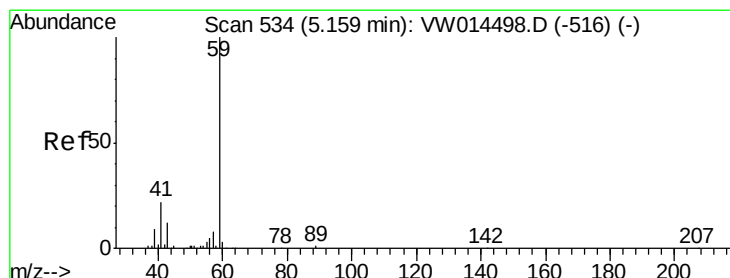
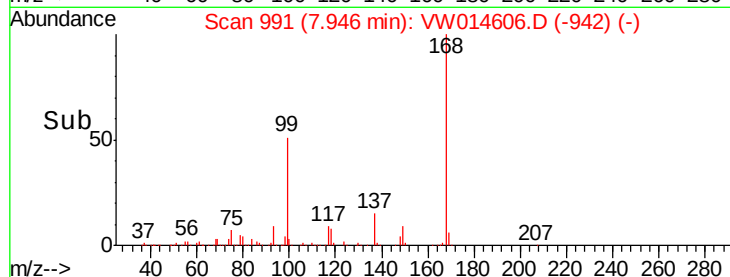
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW014606.D

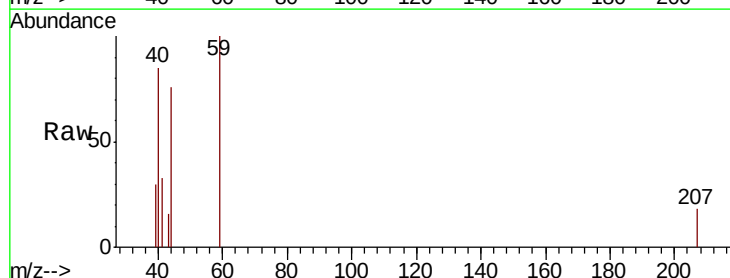
Acq: 10 Jan 2020 18:10

Tgt Ion: 59 Resp: 2701

Ion Ratio Lower Upper

59 100

57 3.6 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

800

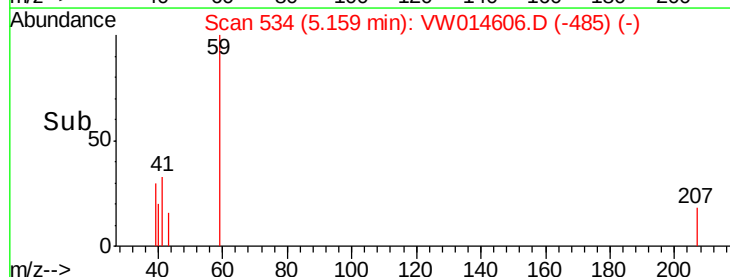
600

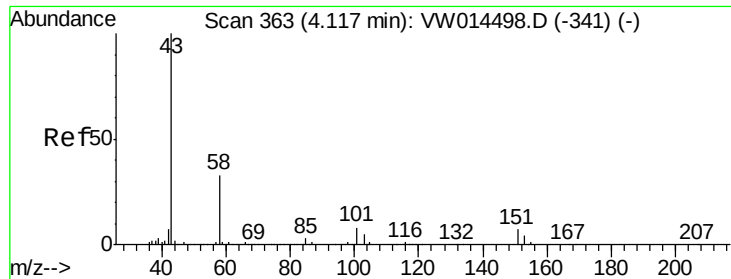
400

200

0

Time--> 5.05 5.10 5.15 5.20 5.25

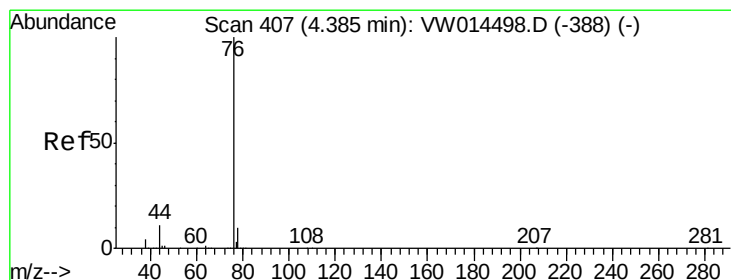
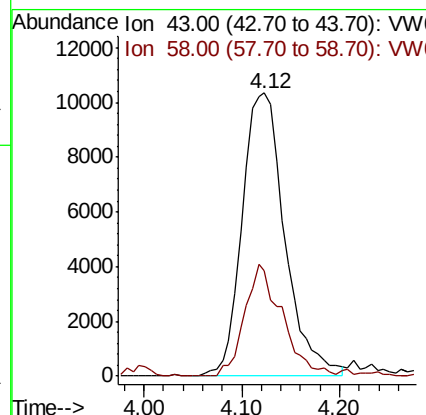
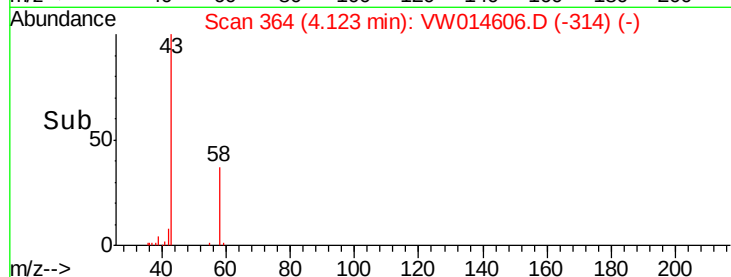
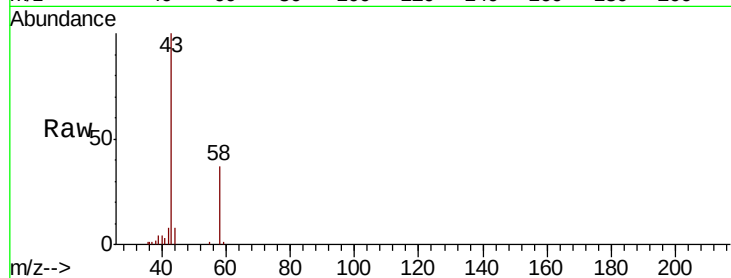




#16
Acetone
Concen: 20.215 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014606.D
Acq: 10 Jan 2020 18:10

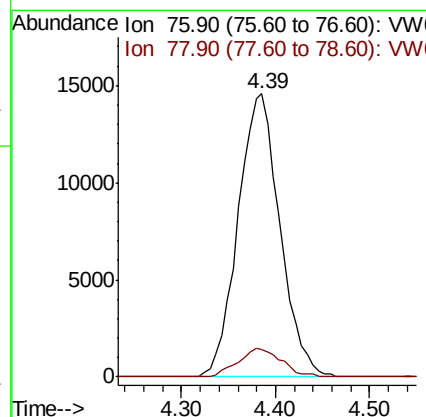
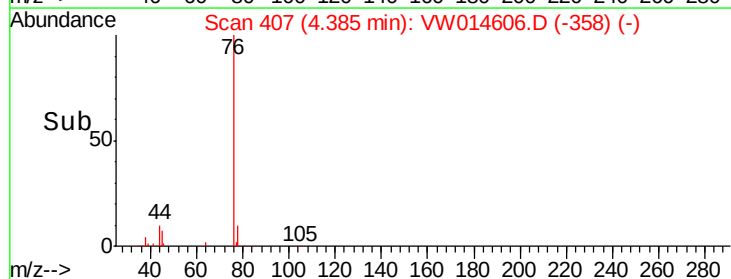
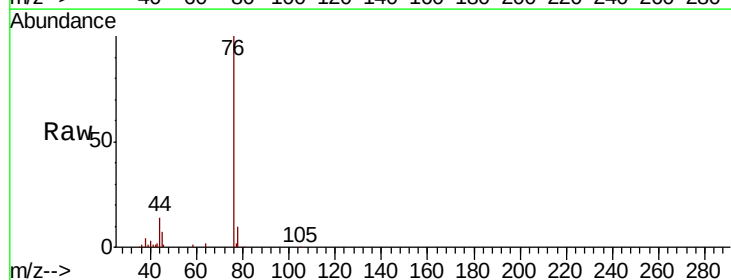
Instrument :
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SB-3H-(8.5-10.5)

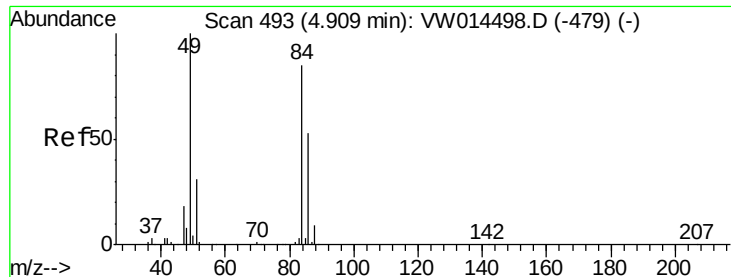
Tot Ion: 43 Resp: 31282
Ion Ratio Lower Upper
43 100
58 37.1 26.6 39.8



#17
Carbon Disulfide
Concen: 2.401 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW014606.D
Acq: 10 Jan 2020 18:10

Tgt Ion: 76 Resp: 45134
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6





#20

Methvlene Chloride

Concen: 2.482 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014606.D

Acq: 10 Jan 2020 18:10

Instrument :

MSVOA_W

ClientSampleId :

SB-3H-(8.5-10.5)

Tot Ion: 84 Resp: 42411

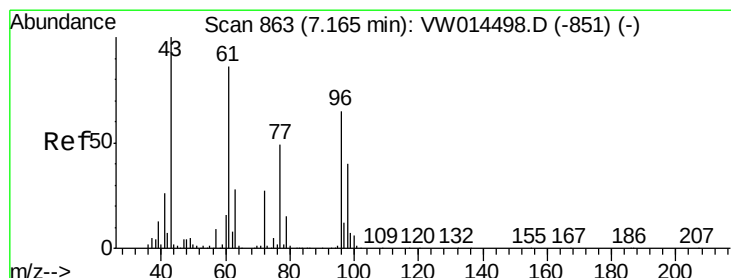
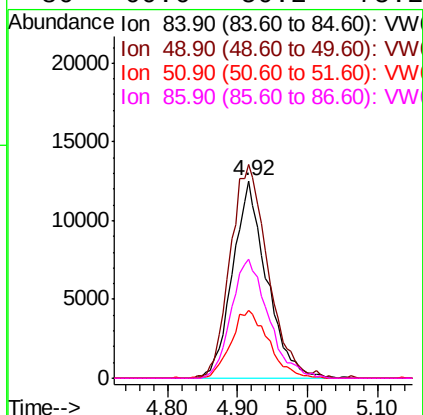
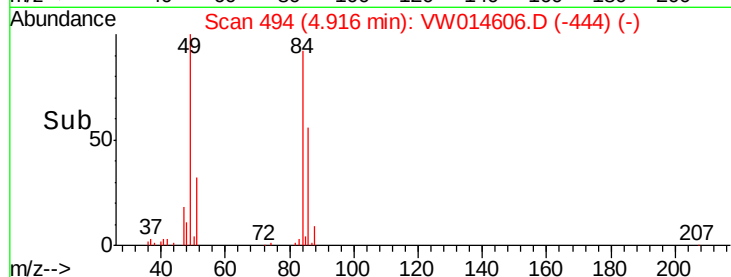
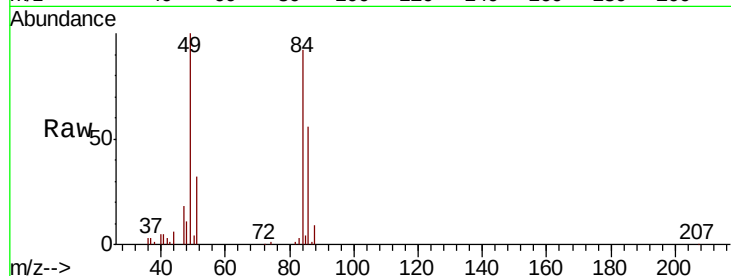
Ion Ratio Lower Upper

84 100

49 108.2 94.4 141.6

51 34.5 29.5 44.3

86 60.6 50.2 75.2



#25

2-Butanone

Concen: 4.945 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

Lab File: VW014606.D

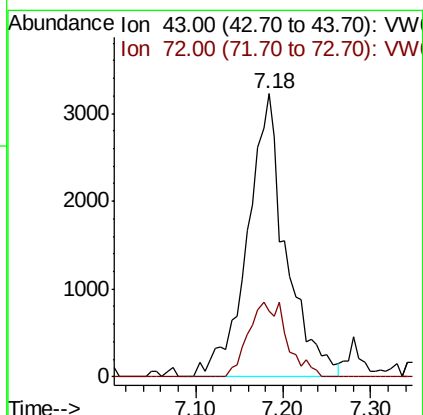
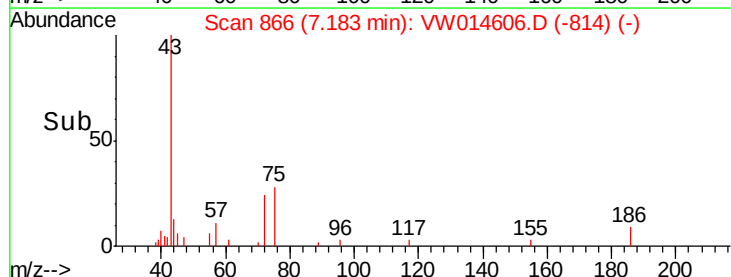
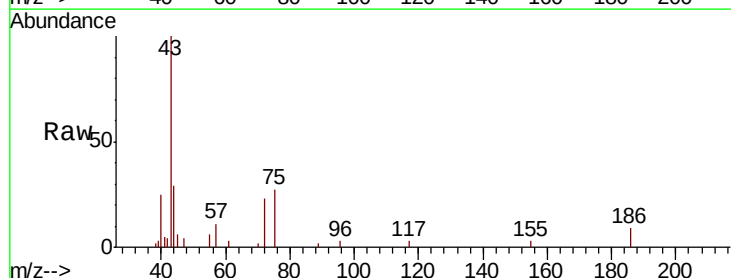
Acq: 10 Jan 2020 18:10

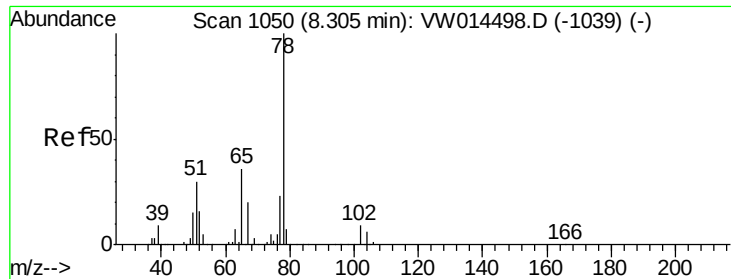
Tgt Ion: 43 Resp: 9820

Ion Ratio Lower Upper

43 100

72 23.1 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 67.614 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW014606.D

Acq: 10 Jan 2020 18:10

Instrument :

MSVOA_W

ClientSampleId :

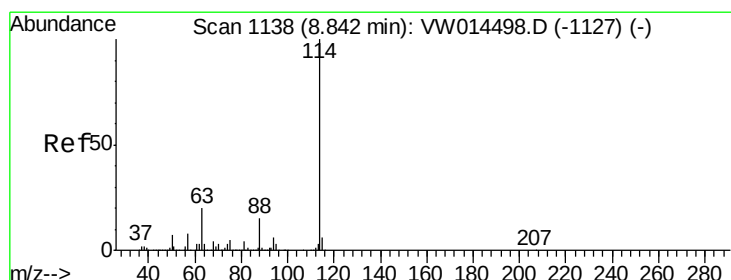
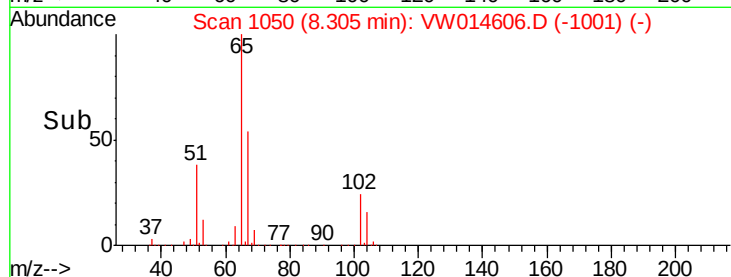
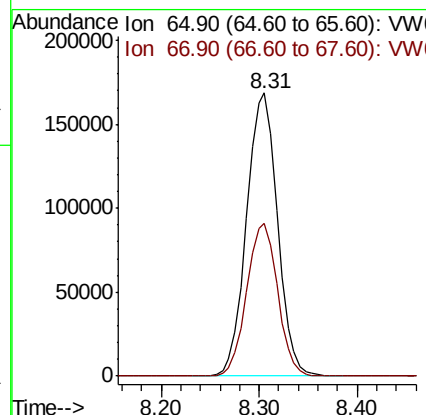
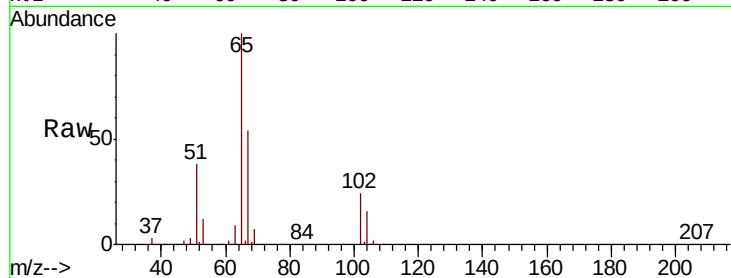
SB-3H-(8.5-10.5)

Tot Ion: 65 Resp: 370552

Ion Ratio Lower Upper

65 100

67 53.9 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: VW014606.D

Acq: 10 Jan 2020 18:10

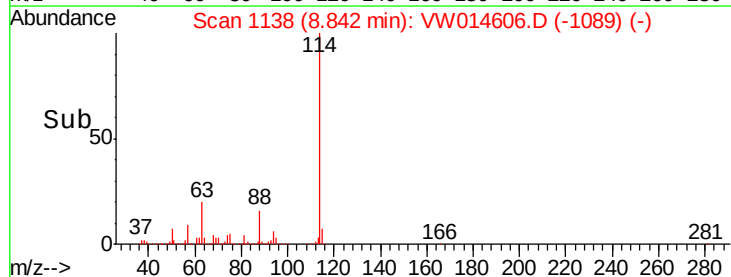
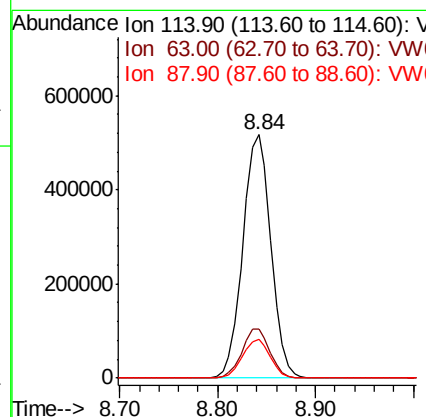
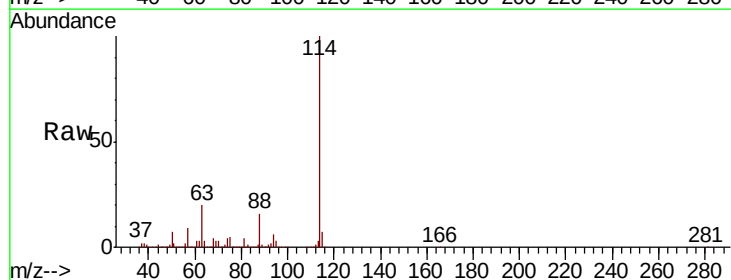
Tgt Ion: 114 Resp: 1026887

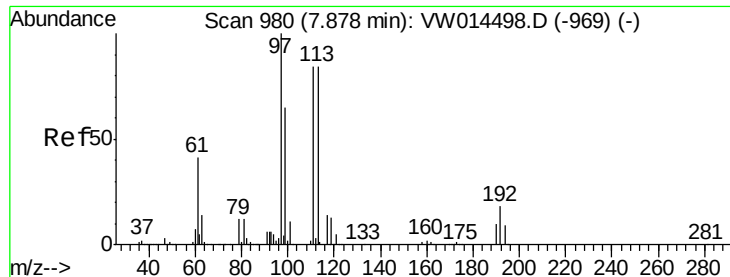
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.4

88 16.0 0.0 30.6

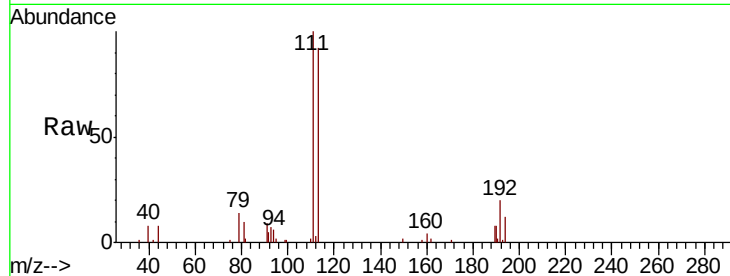




#35
 Dibromofluoromethane
 Concen: 2.336 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW014606.D
 Acq: 10 Jan 2020 18:10

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.4	122.2
192	24.1	17.8	26.8

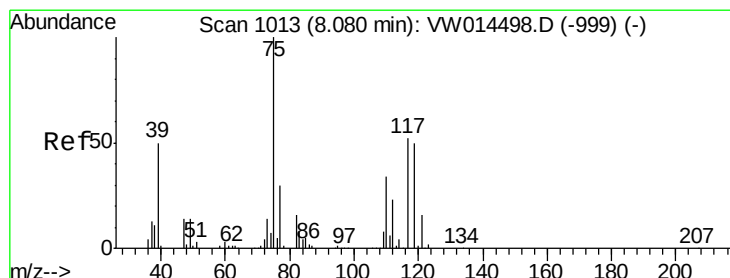
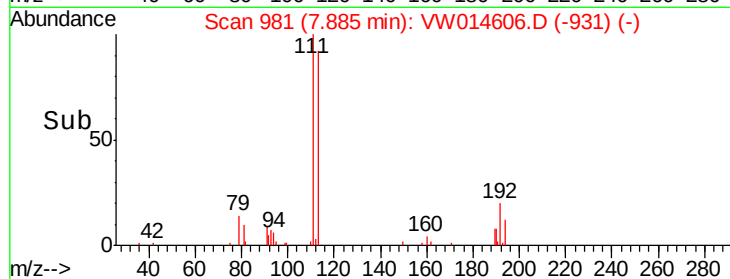
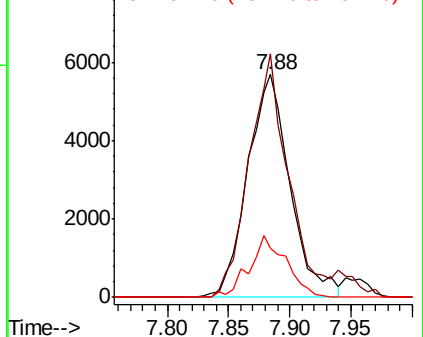


Abundance

Ion 112.80 (112.50 to 113.50): V

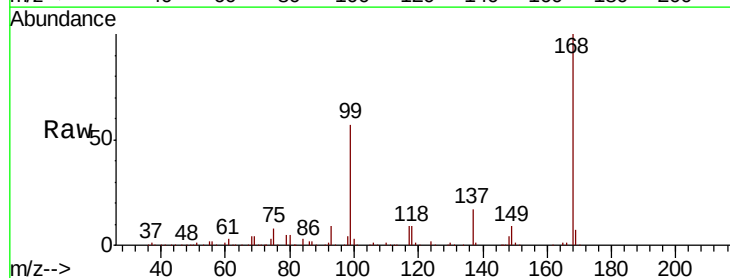
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.395 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014606.D
 Acq: 10 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.8	53.5#
77	0.1	24.7	37.1#

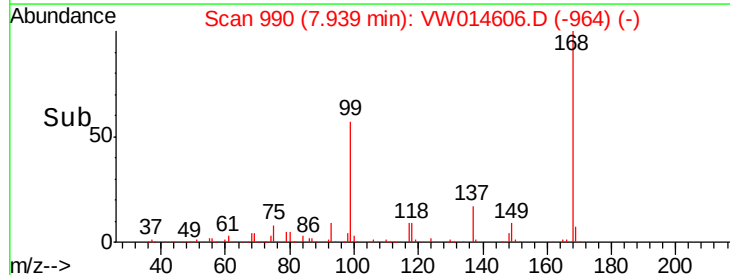
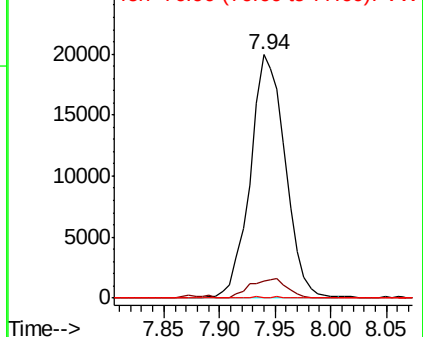


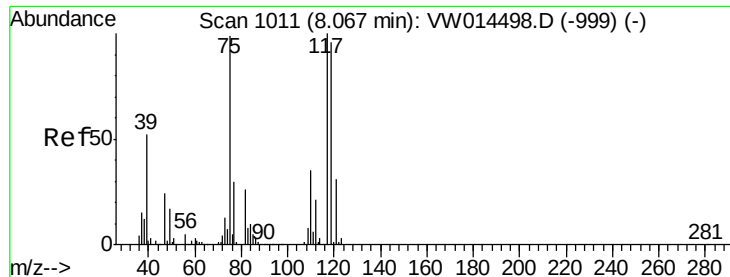
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.377 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW014606.D

Acq: 10 Jan 2020 18:10

Instrument :

MSVOA_W

ClientSampleId :

SB-3H-(8.5-10.5)

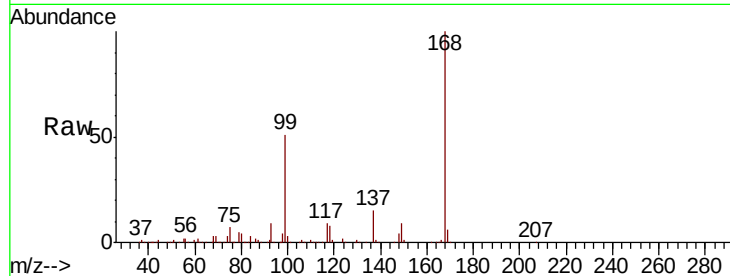
Tot Ion:117 Resp: 54770

Ion Ratio Lower Upper

117 100

119 6.0 77.0 115.6#

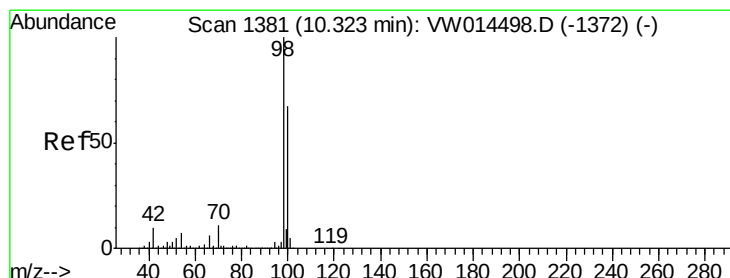
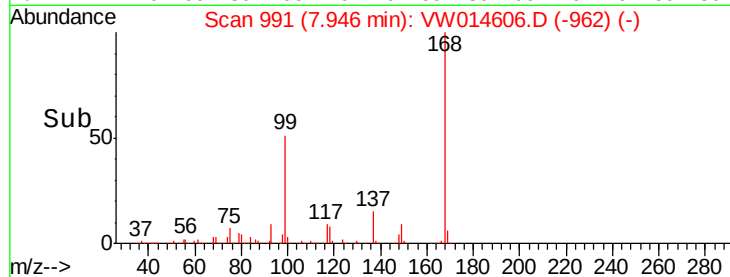
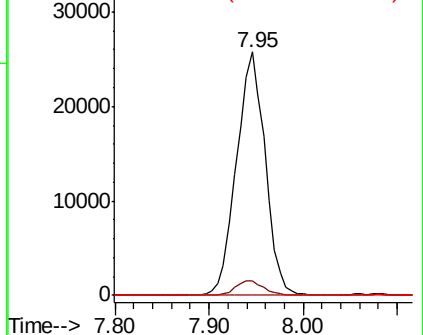
121 0.0 24.6 36.8#



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: 60.550 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014606.D

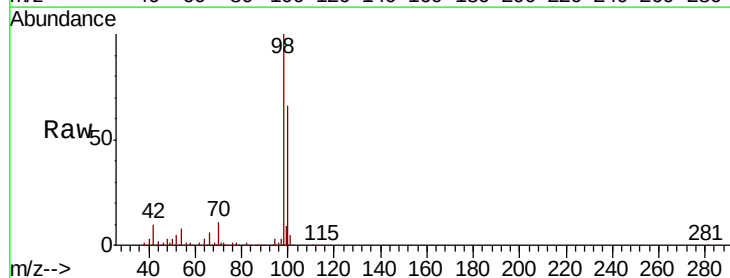
Acq: 10 Jan 2020 18:10

Tgt Ion: 98 Resp: 1482997

Ion Ratio Lower Upper

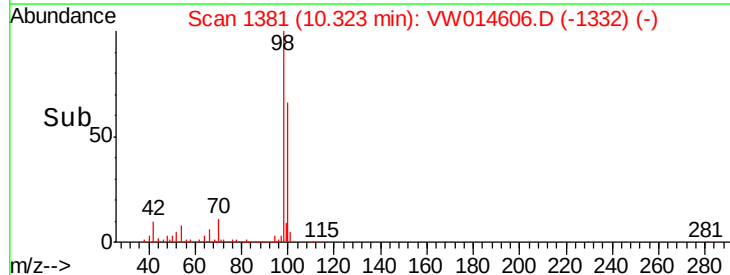
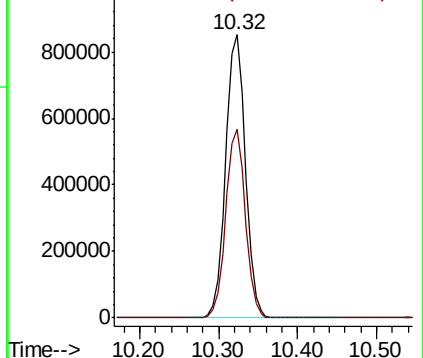
98 100

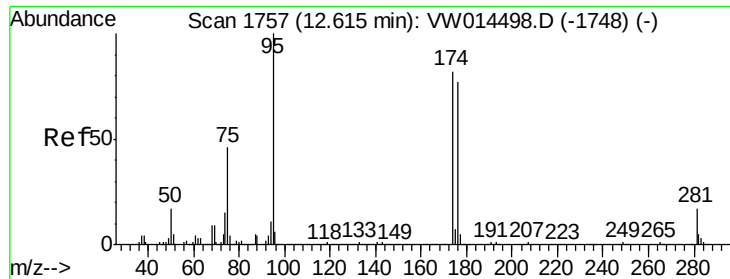
100 65.9 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

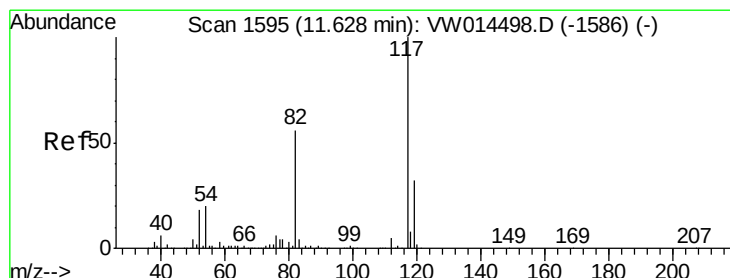
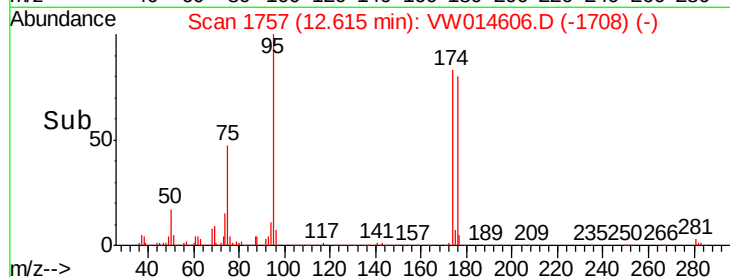
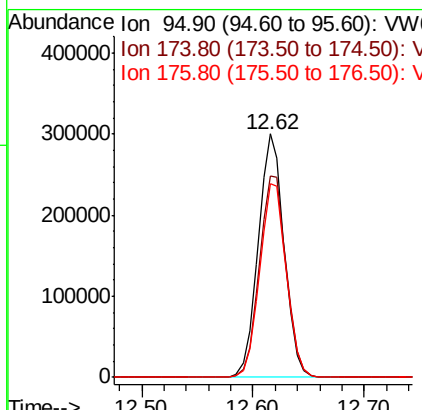
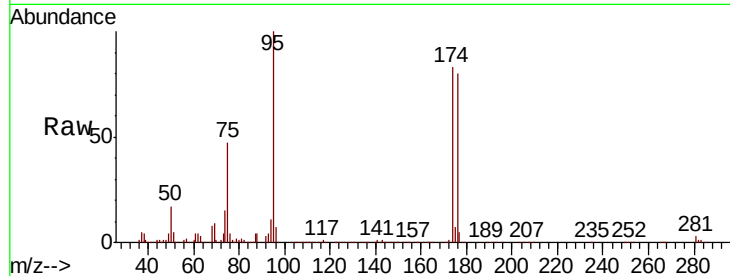




#62
4-Bromofluorobenzene
Concen: 58.300 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014606.D
Acq: 10 Jan 2020 18:10

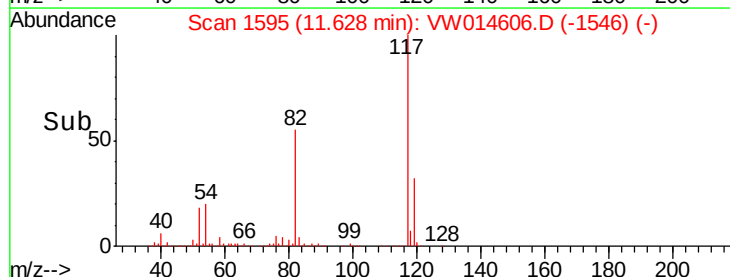
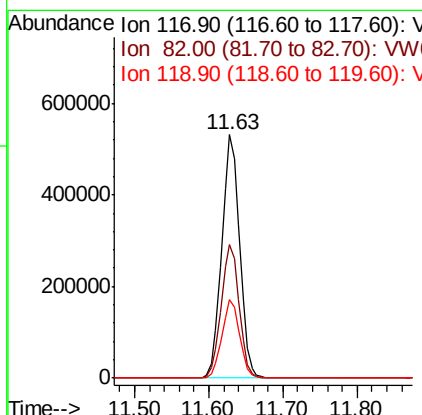
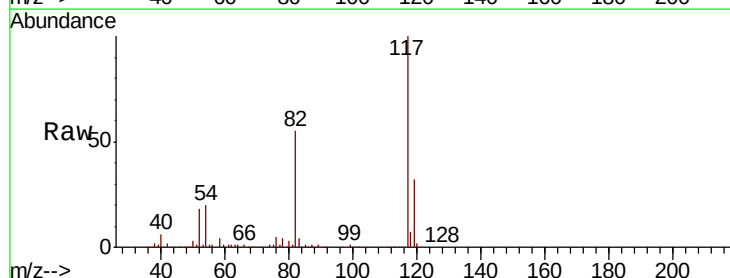
Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)

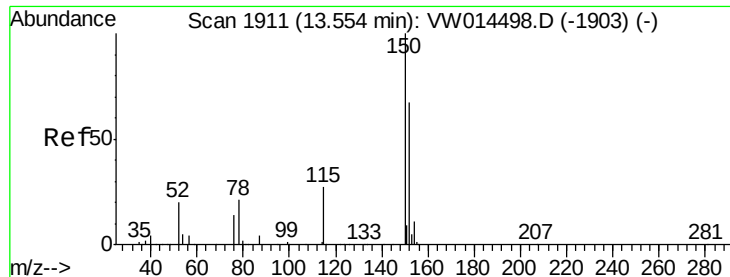
Tot Ion	95	Resp	484325
Ion Ratio	100		
Lower			
Upper			
174	86.4	0.0	168.6
176	82.1	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014606.D
Acq: 10 Jan 2020 18:10

Tgt Ion	117	Resp	883928
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	54.9	44.6	67.0
119	32.2	25.7	38.5

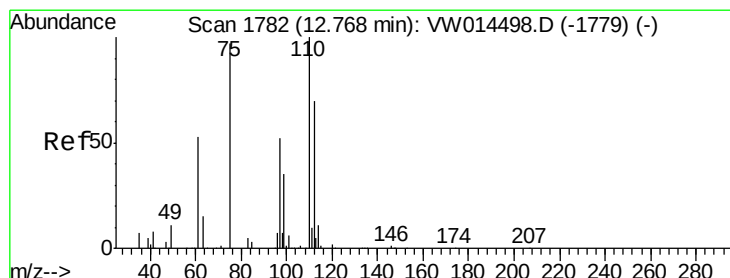
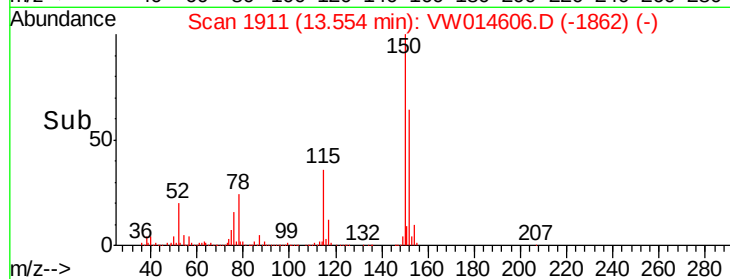
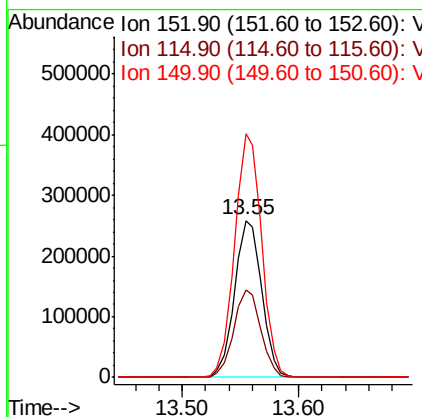
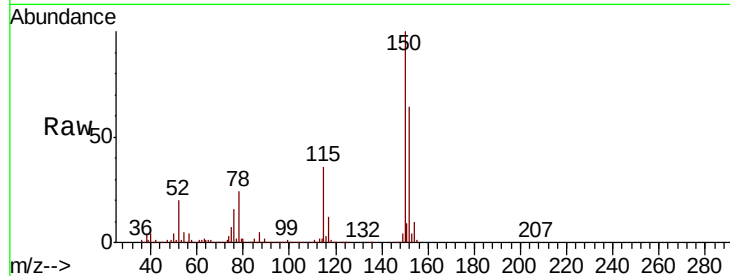




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: VW014606.D
 Acq: 10 Jan 2020 18:10

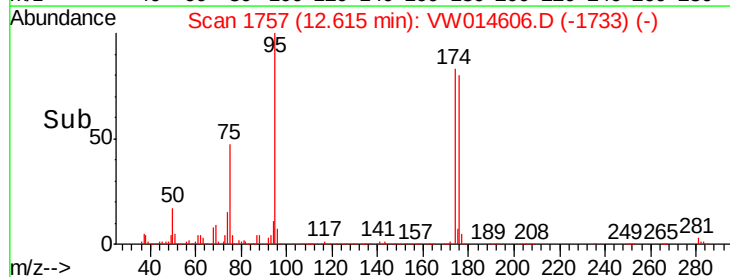
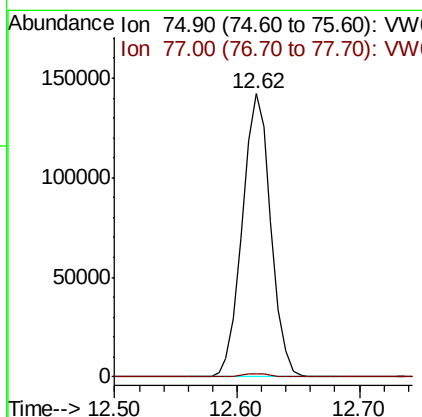
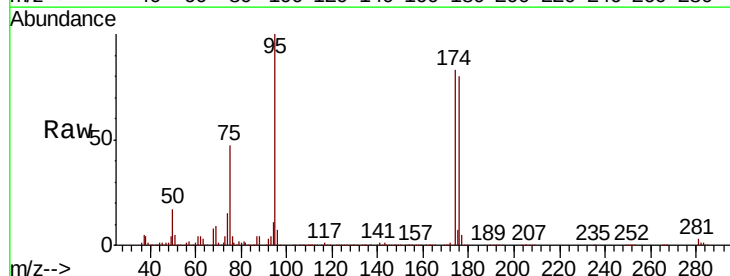
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3H-(8.5-10.5)

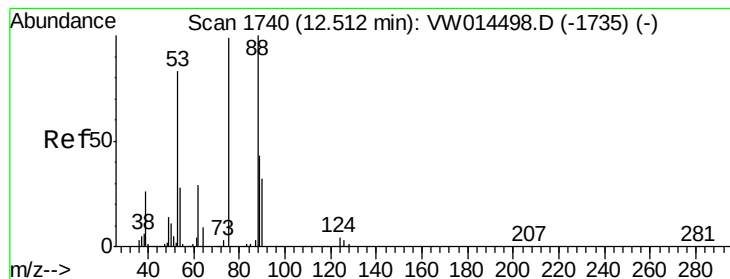
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.7	83.1
150	154.6	0.0	343.4



#76
 1,2,3-Trichloropropane
 Concen: 57.750 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW014606.D
 Acq: 10 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 128.670 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014606.D

Acq: 10 Jan 2020 18:10

Instrument :

MSVOA_W

ClientSampleId :

SB-3H-(8.5-10.5)

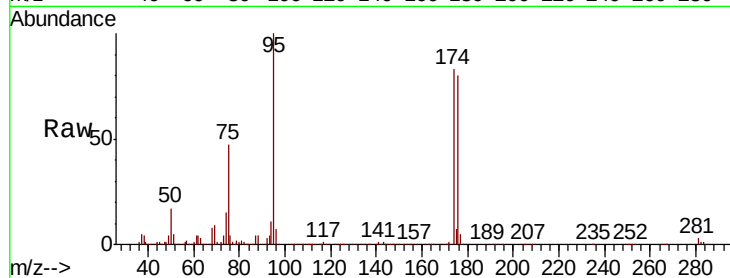
Tot Ion: 75 Resp: 229339

Ion Ratio Lower Upper

75 100

53 0.2 70.9 106.3#

89 0.2 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

