

Data File : VW005147.D
Acq On : 05 Sep 2018 23:00
Operator : SY/AP
Sample : J4712-01RE
Misc : 5.78G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-13RE

Quant Time: Sep 06 01:24:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	559638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	874967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	829489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	320705	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	294951	63.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.16%	
35) Dibromofluoromethane	7.89	113	266989	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
50) Toluene-d8	10.33	98	1212347	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.62	95	372647	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	

Target Compounds

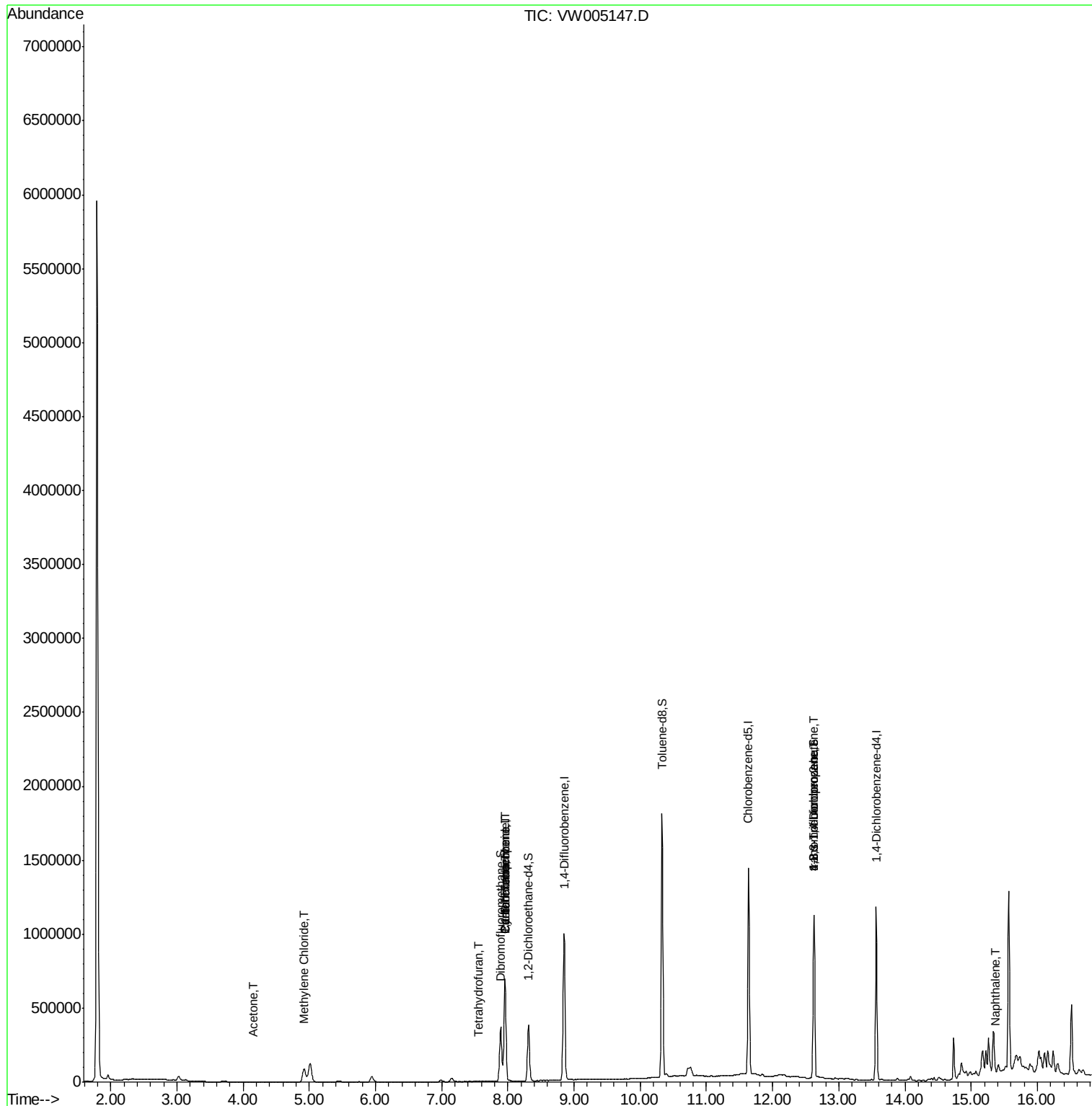
						Qvalue
5) Bromomethane	2.76	94	462	Below Cal	#	65
11) Tert butyl alcohol	5.21	59	797	Below Cal	#	72
16) Acetone	4.16	43	2304	2.476	ug/l #	85
20) Methylene Chloride	4.92	84	71544	8.123	ug/l	93
29) Tetrahydrofuran	7.56	42	1397	1.694	ug/l #	31
31) Cyclohexane	7.96	56	9937	1.091	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	39418	4.730	ug/l #	49
38) Carbon Tetrachloride	7.96	117	50514	6.375	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	173408	72.035	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	173408	173.380	ug/l #	15
95) Naphthalene	15.38	128	2004	4.139	ug/l #	82

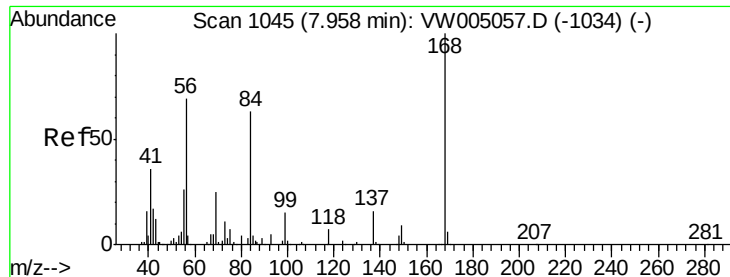
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005147.D

Acq: 05 Sep 2018 23:00

Instrument :

MSVOA_W

ClientSampled :

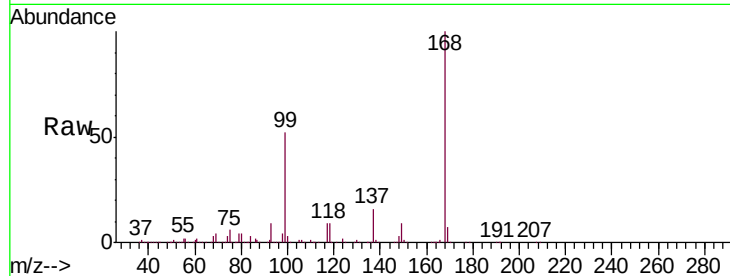
SB-13RE

Tgt Ion:168 Resp: 559638

Ion Ratio Lower Upper

168 100

99 51.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

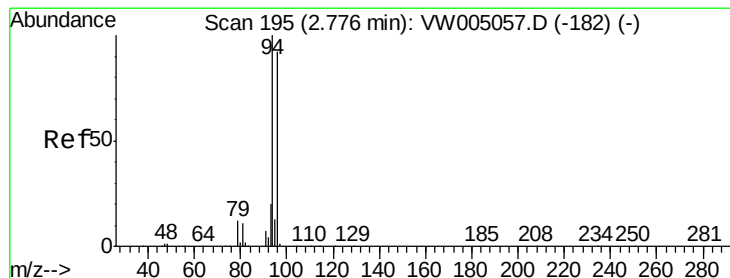
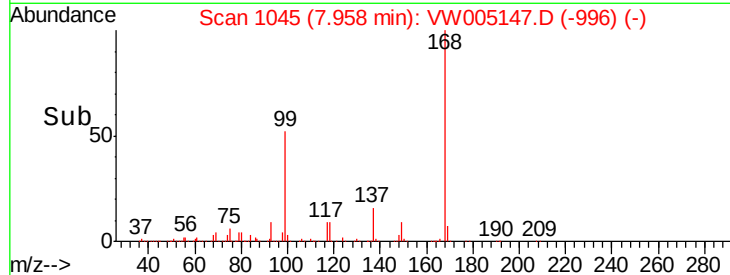
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005147.D

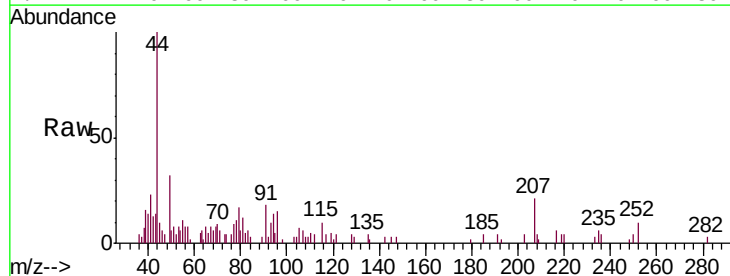
Acq: 05 Sep 2018 23:00

Tgt Ion: 94 Resp: 462

Ion Ratio Lower Upper

94 100

96 125.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

500

400

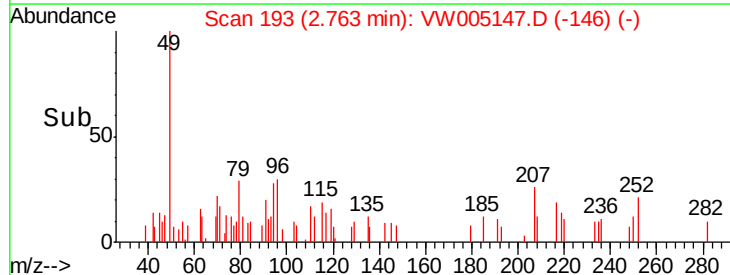
300

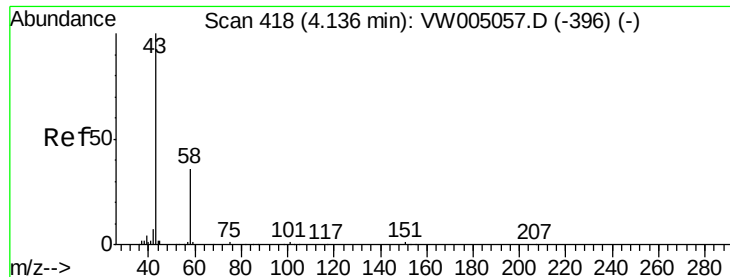
200

100

0

Time-->





#16

Acetone

Concen: 2.476 ug/l

RT: 4.16 min Scan# 422

Delta R.T. 0.02 min

Lab File: VW005147.D

Acq: 05 Sep 2018 23:00

Instrument :

MSVOA_W

ClientSampleId :

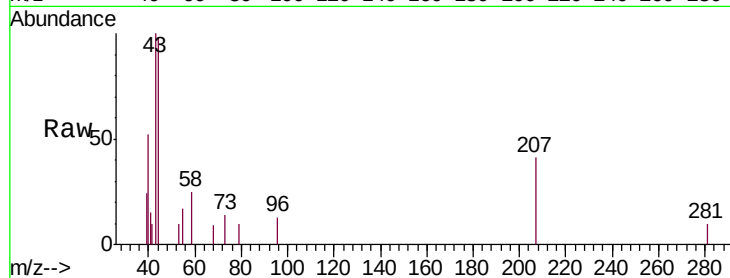
SB-13RE

Tgt Ion: 43 Resp: 2304

Ion Ratio Lower Upper

43 100

58 27.7 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

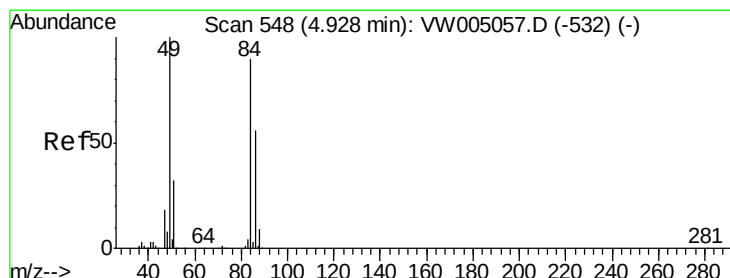
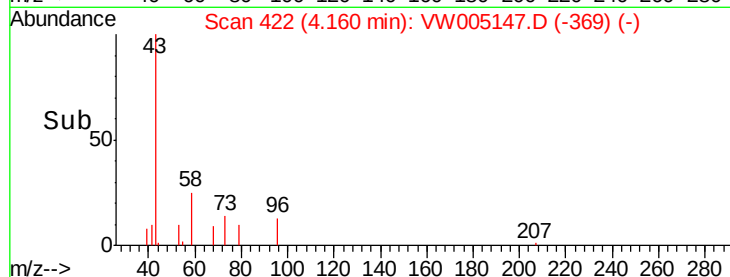
600

400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25



#20

Methylene Chloride

Concen: 8.123 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005147.D

Acq: 05 Sep 2018 23:00

Tgt Ion: 84 Resp: 71544

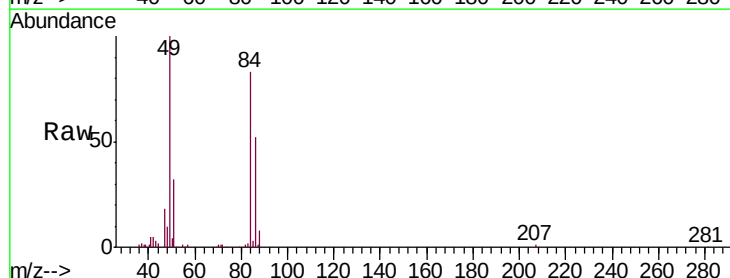
Ion Ratio Lower Upper

84 100

49 121.2 88.7 133.1

51 38.8 28.6 42.8

86 63.0 49.4 74.2



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

40000

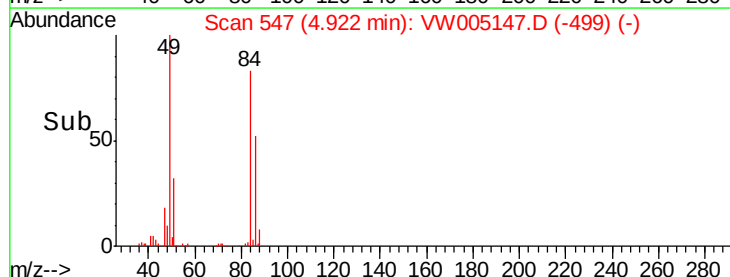
30000

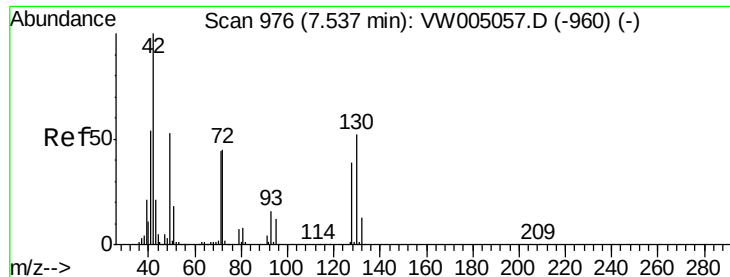
20000

10000

0

Time--> 4.80 4.90 5.00 5.10

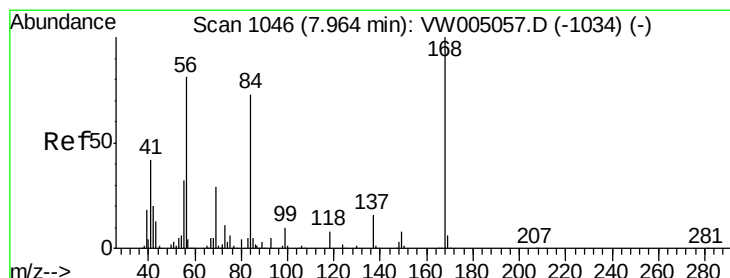
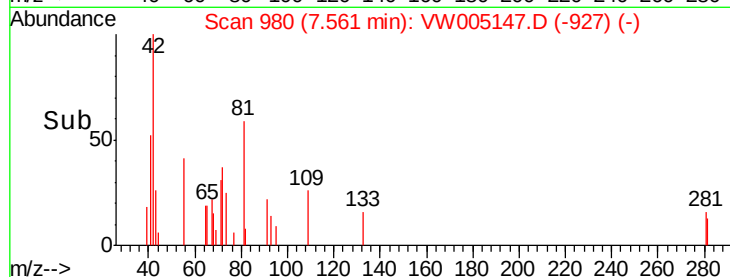
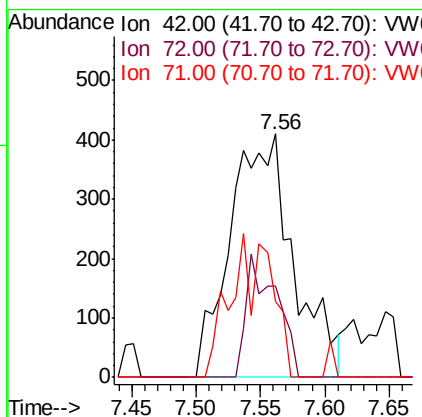
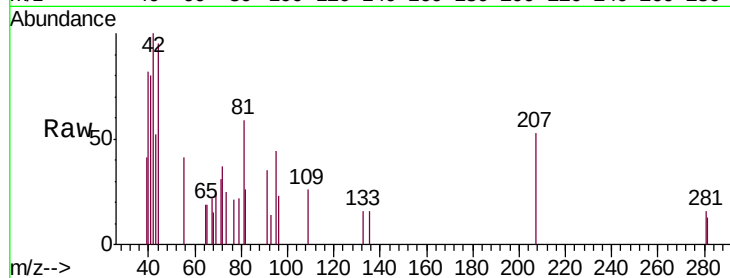




#29
Tetrahydrofuran
Concen: 1.694 ug/l
RT: 7.56 min Scan# 980
Delta R.T. 0.02 min
Lab File: VW005147.D
Acq: 05 Sep 2018 23:00

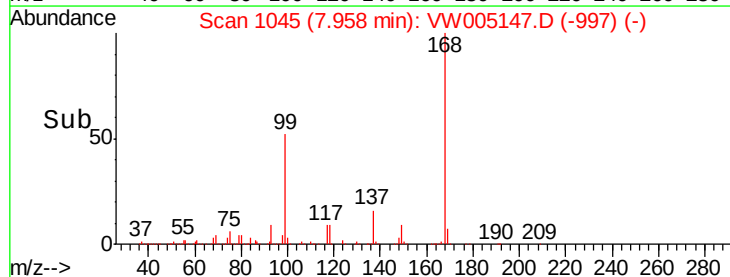
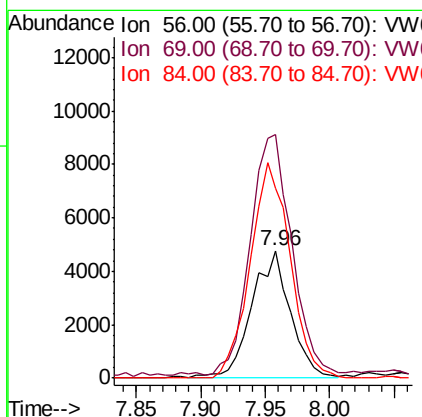
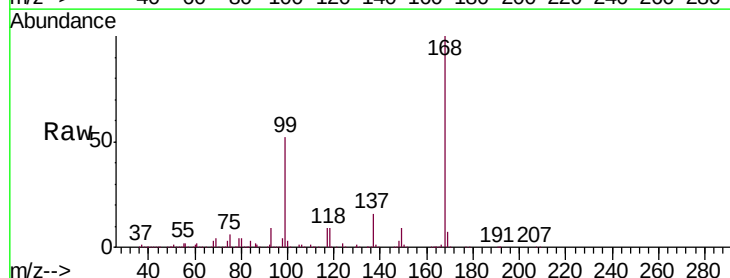
Instrument :
MSVOA_W
ClientSampled :
SB-13RE

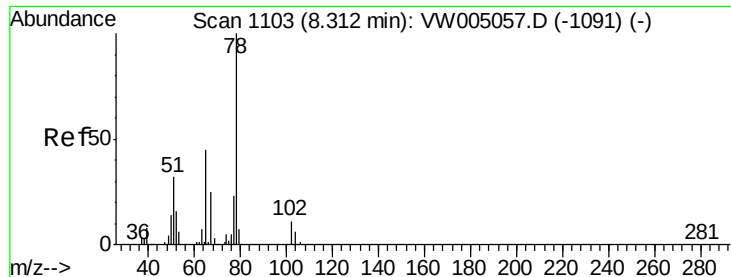
Tgt Ion: 42 Resp: 1397
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.4#
71 0.0 35.0 52.6#



#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005147.D
Acq: 05 Sep 2018 23:00

Tgt Ion: 56 Resp: 9937
Ion Ratio Lower Upper
56 100
69 188.1 28.2 42.2#
84 148.9 71.8 107.8#

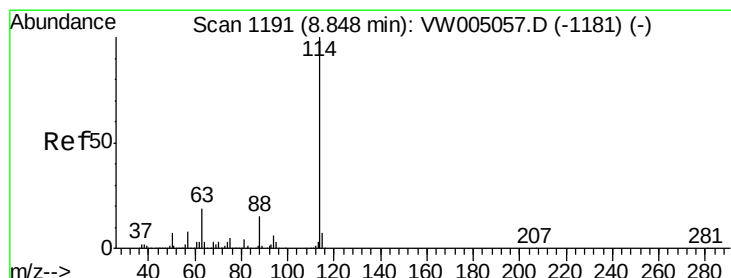
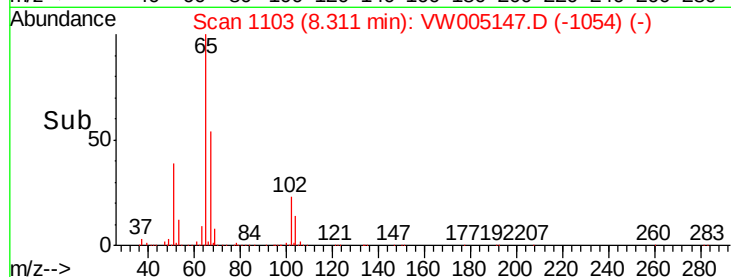
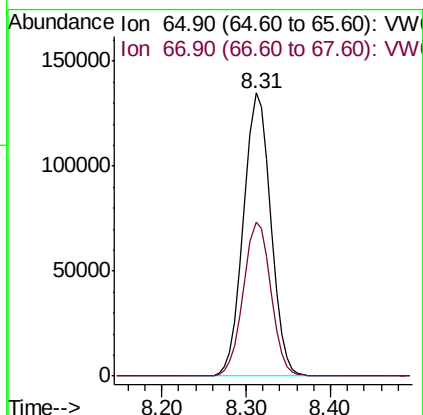
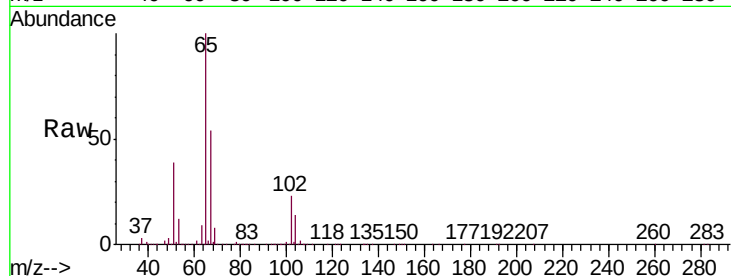




#33
 1,2-Dichloroethane-d4
 Concen: 63.579 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005147.D
 Acq: 05 Sep 2018 23:00

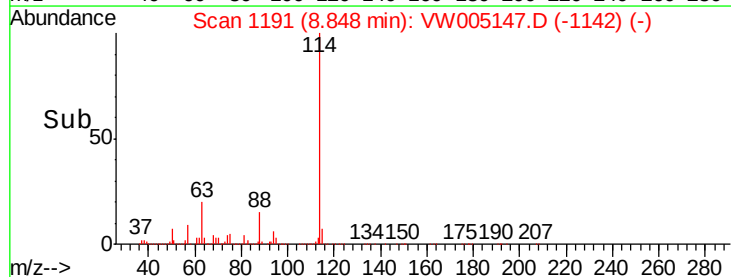
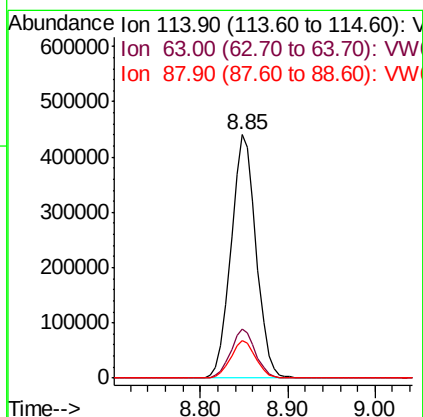
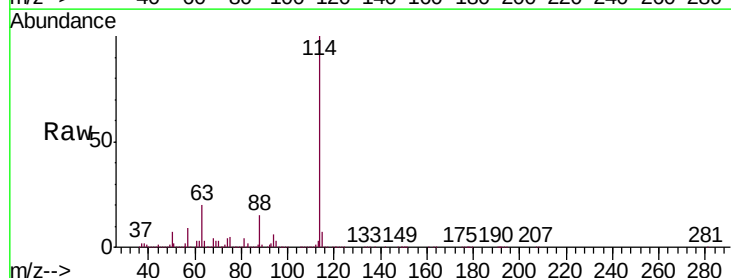
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13RE

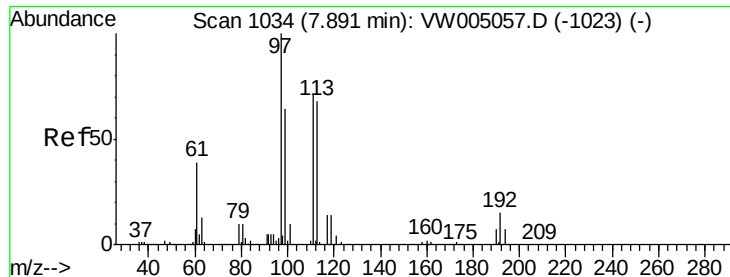
Tgt Ion: 65 Resp: 294951
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005147.D
 Acq: 05 Sep 2018 23:00

Tgt Ion: 114 Resp: 874967
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.0
 88 15.4 0.0 30.2

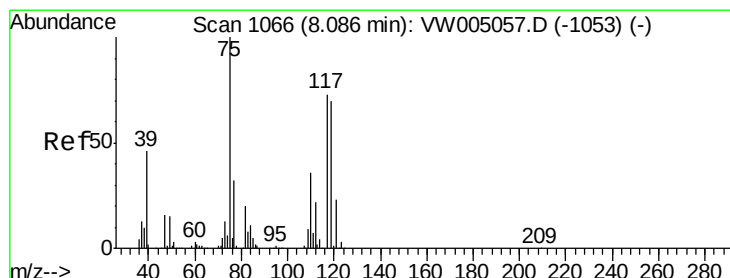
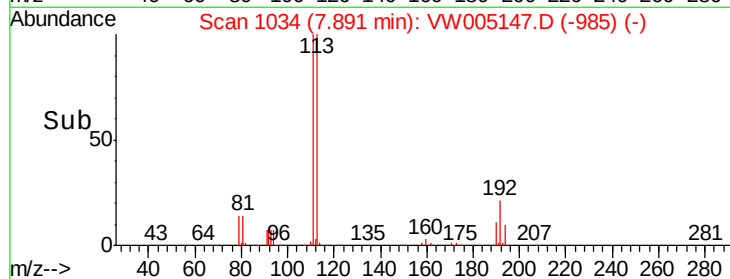
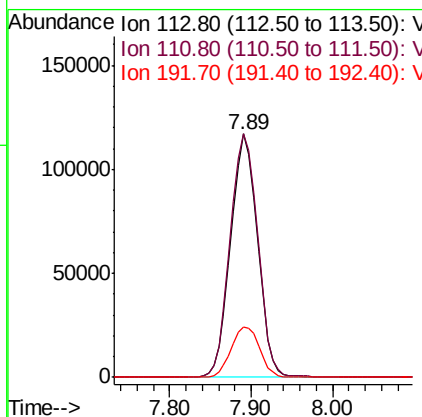
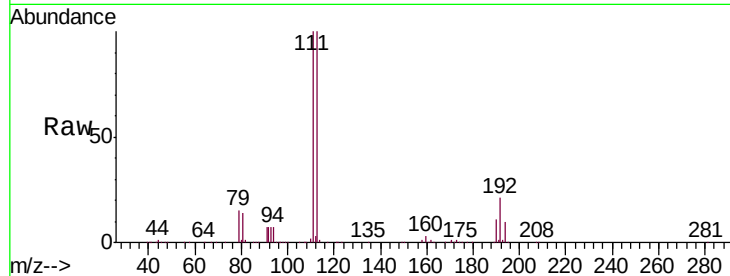




#35
 Dibromofluoromethane
 Concen: 52.803 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005147.D
 Acq: 05 Sep 2018 23:00

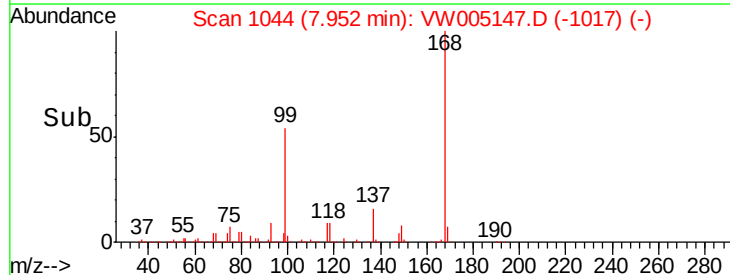
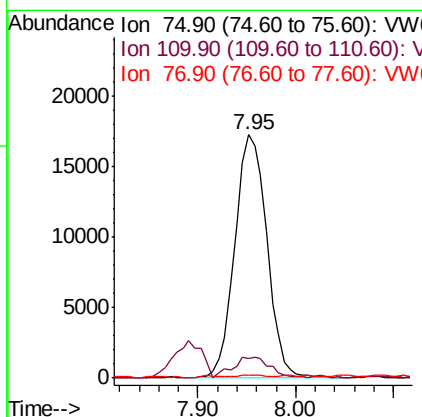
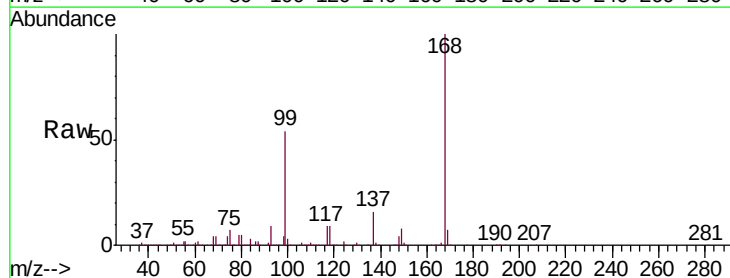
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13RE

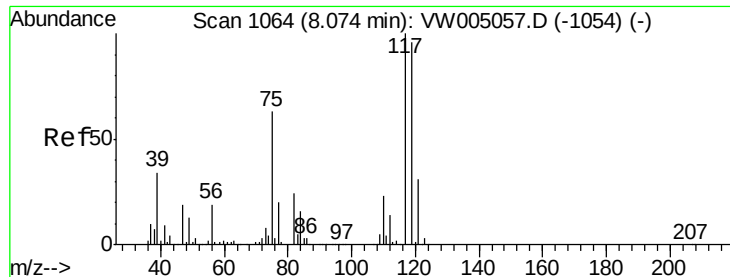
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	21.8	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.730 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW005147.D
 Acq: 05 Sep 2018 23:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.9	56.7#
77	0.8	25.5	38.3#





#38

Carbon Tetrachloride

Concen: 6.375 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005147.D

Acq: 05 Sep 2018 23:00

Instrument :

MSVOA_W

ClientSampleId :

SB-13RE

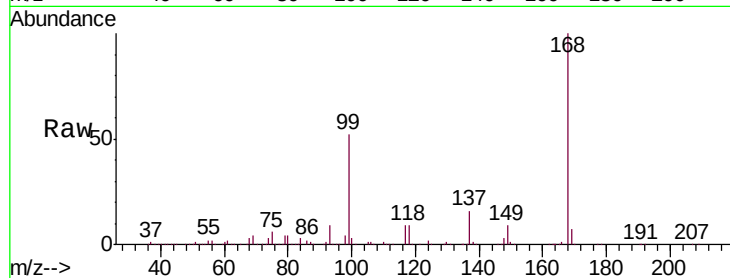
Tgt Ion:117 Resp: 50514

Ion Ratio Lower Upper

117 100

119 5.3 76.6 115.0#

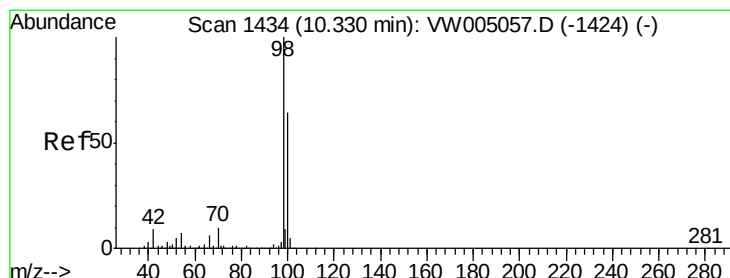
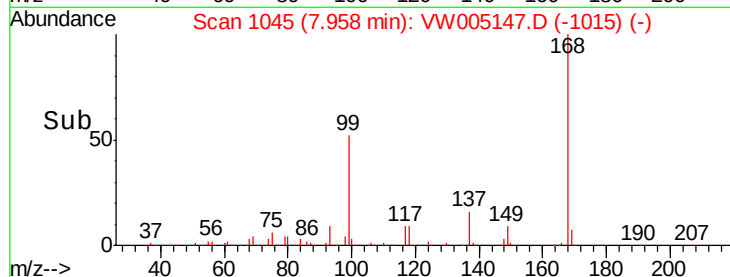
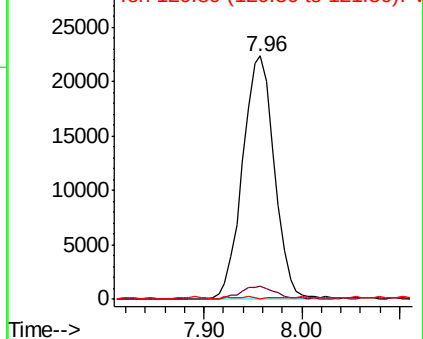
121 0.0 24.8 37.2#



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: 52.035 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005147.D

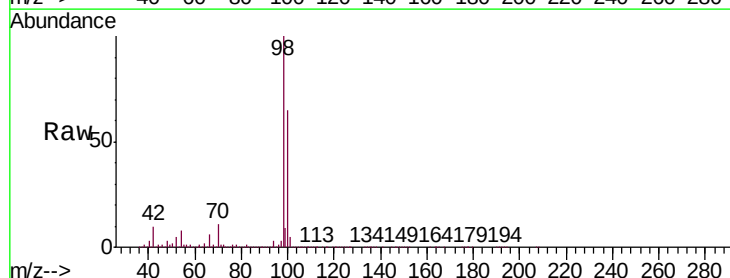
Acq: 05 Sep 2018 23:00

Tgt Ion: 98 Resp: 1212347

Ion Ratio Lower Upper

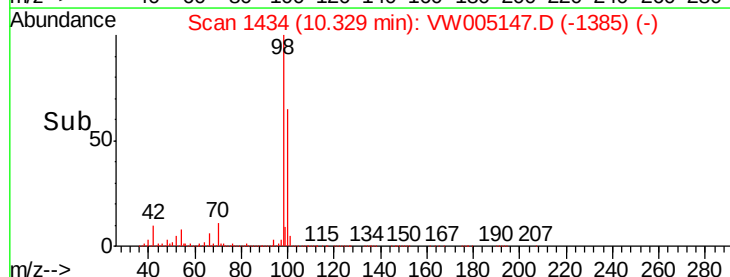
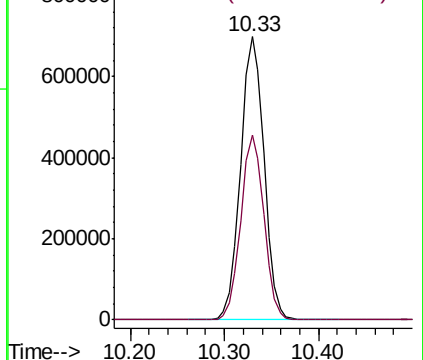
98 100

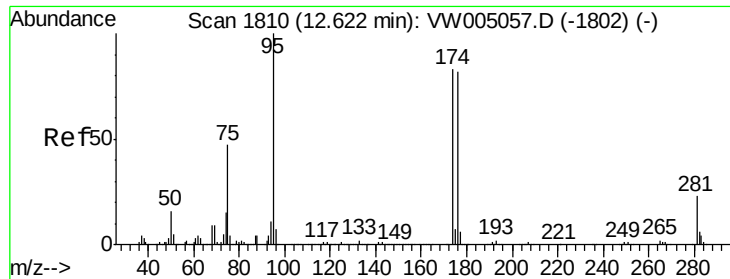
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

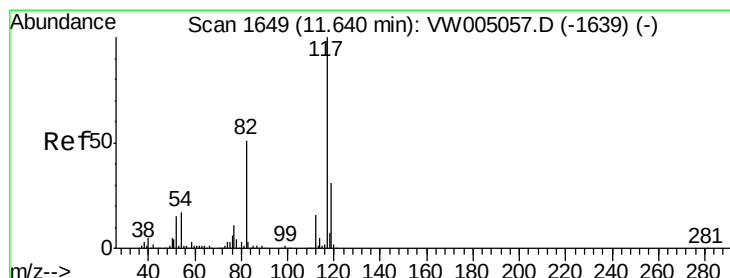
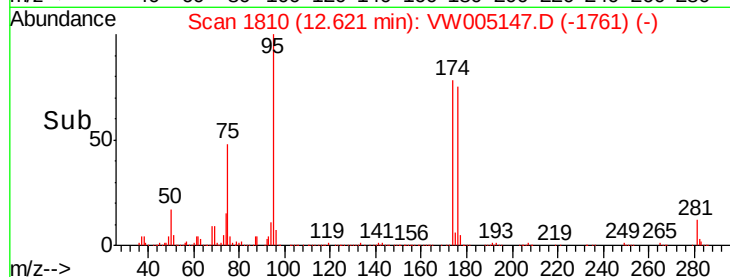
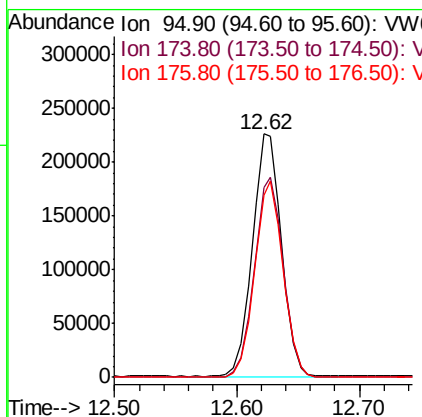
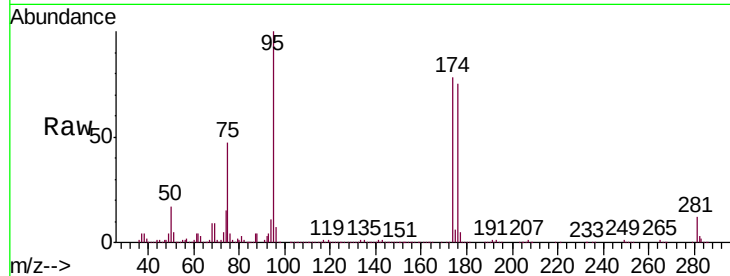




#62
4-Bromofluorobenzene
Concen: 45.360 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005147.D
Acq: 05 Sep 2018 23:00

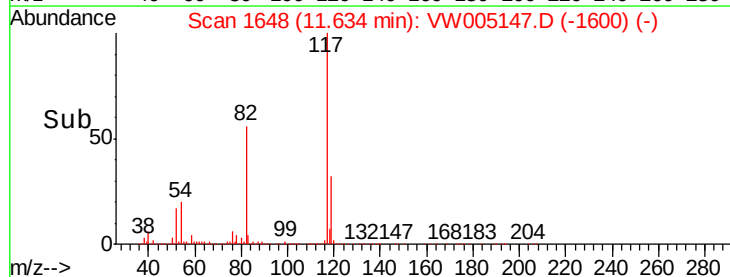
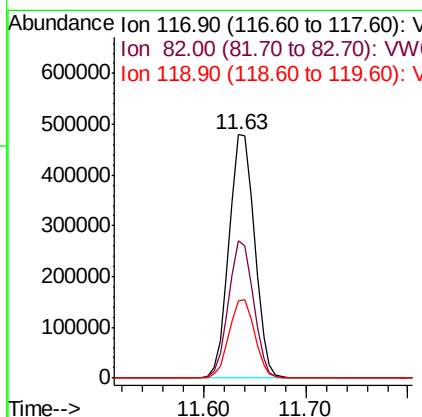
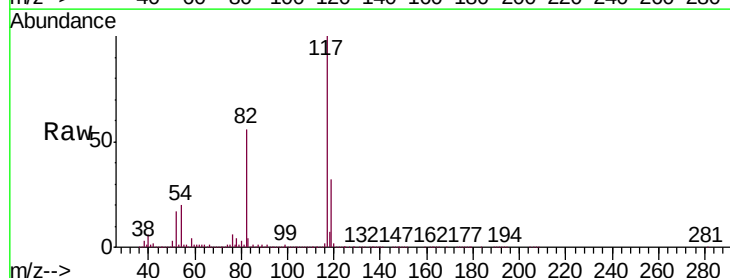
Instrument :
MSVOA_W
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SB-13RE

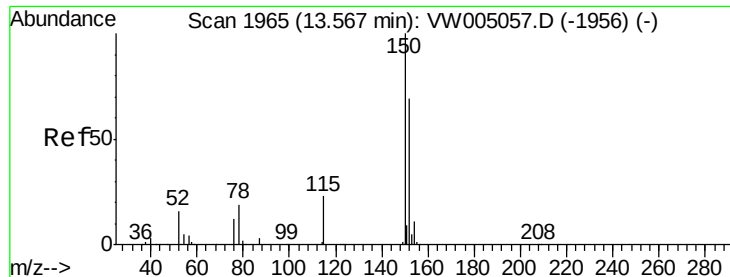
Tgt Ion: 95 Resp: 372647
Ion Ratio Lower Upper
95 100
174 82.1 0.0 173.4
176 79.2 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005147.D
Acq: 05 Sep 2018 23:00

Tgt Ion: 117 Resp: 829489
Ion Ratio Lower Upper
117 100
82 56.2 40.9 61.3
119 31.7 24.9 37.3



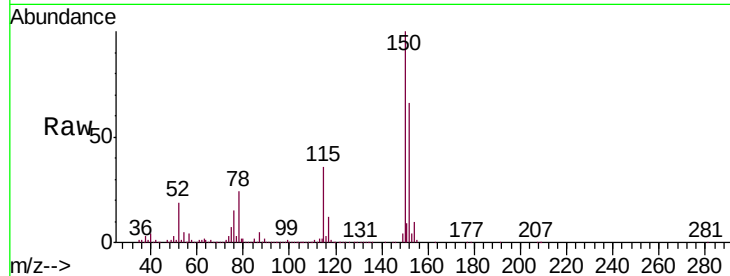


#72

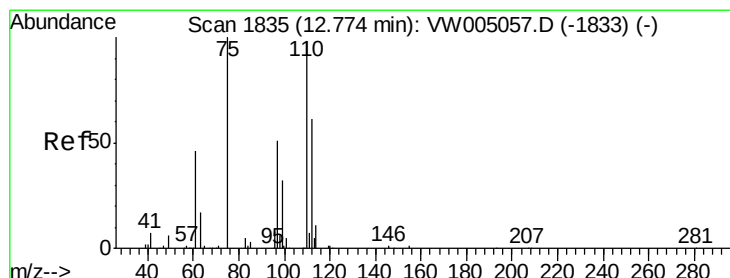
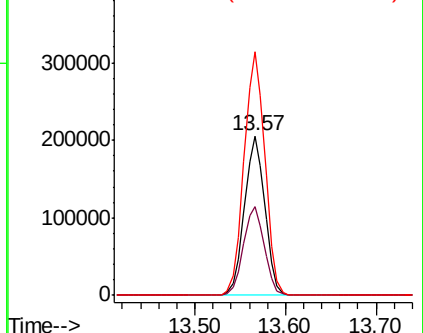
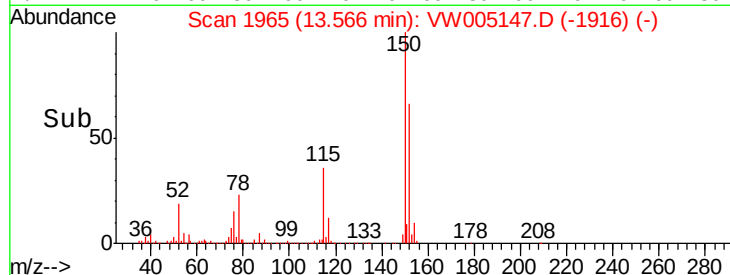
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005147.D
Acq: 05 Sep 2018 23:00

Instrument :
MSVOA_W
ClientSampleId :
SB-13RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.8	83.4
150	155.0	0.0	351.4



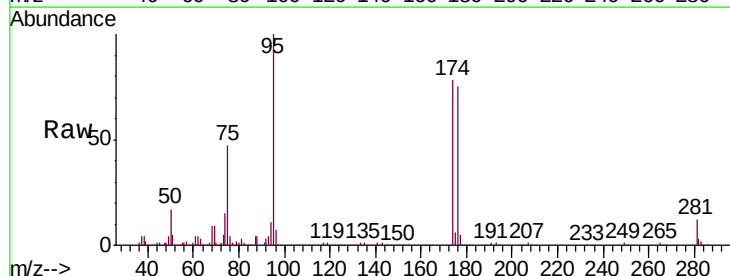
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



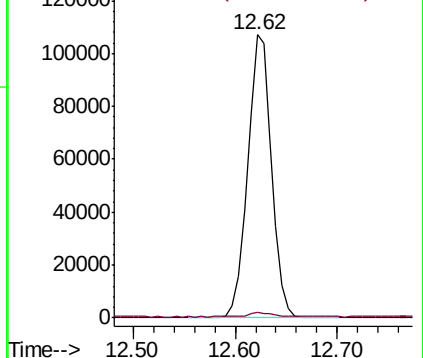
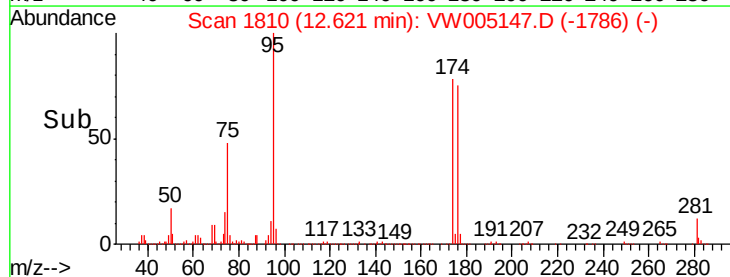
#76

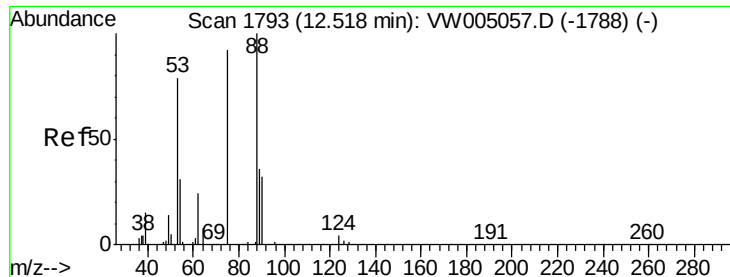
1,2,3-Trichloropropane
Concen: 72.035 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW005147.D
Acq: 05 Sep 2018 23:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

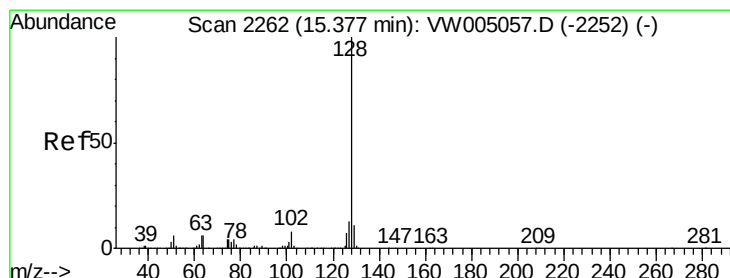
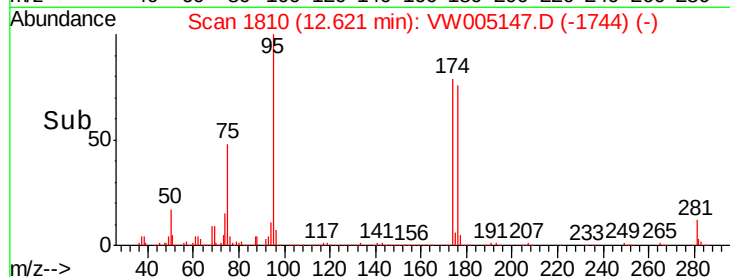
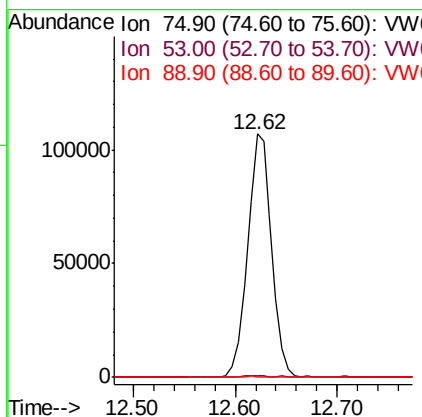
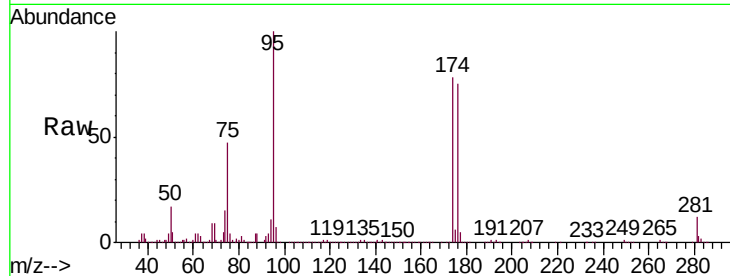




#81
trans-1,4-Dichloro-2-butene
Concen: 173.380 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW005147.D
Acq: 05 Sep 2018 23:00

Instrument :
MSVOA_W
ClientSampled :
SB-13RE

Tgt Ion: 75 Resp: 173408
Ion Ratio Lower Upper
75 100
53 0.3 69.8 104.8#
89 0.2 36.0 54.0#



#95
Naphthalene
Concen: 4.139 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005147.D
Acq: 05 Sep 2018 23:00

Tgt Ion: 128 Resp: 2004
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 10.5 8.7 13.1

