

Data File : VW006868.D
Acq On : 13 Nov 2018 21:08
Operator : SY/AP
Sample : J5860-20RE
Misc : 5.09G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-109(22-24)

Quant Time: Nov 14 04:08:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	400818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	541004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	530675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	298899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120900	41.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.52%	
35) Dibromofluoromethane	7.89	113	129618	40.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.48%	
50) Toluene-d8	10.33	98	546442	40.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.84%	
62) 4-Bromofluorobenzene	12.62	95	209816	42.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.32%	

Target Compounds

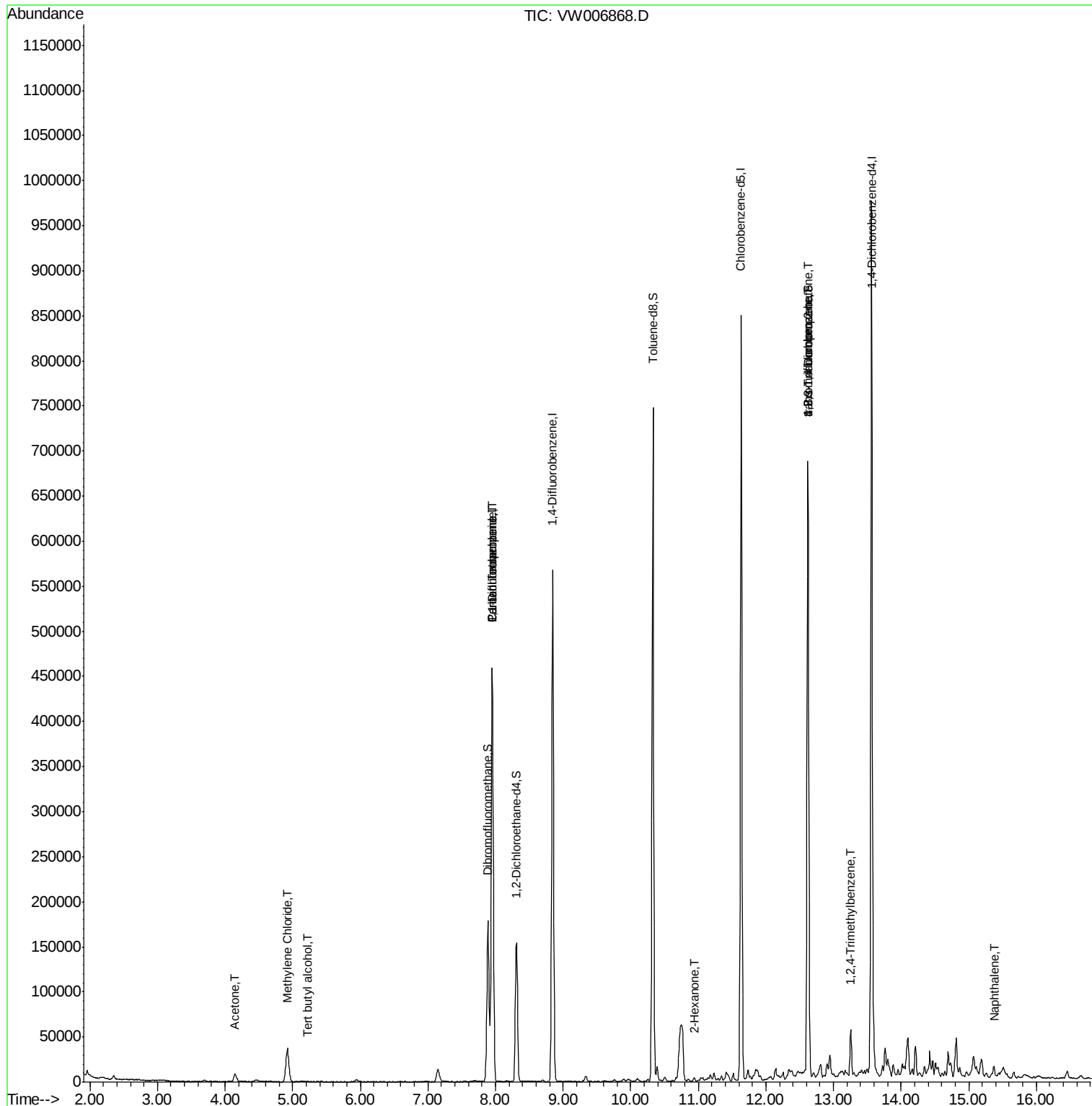
						Qvalue
11) Tert butyl alcohol	5.23	59	242	1.258	ug/l #	72
16) Acetone	4.15	43	16186	38.465	ug/l	96
20) Methylene Chloride	4.92	84	32323	3.615	ug/l	93
36) 1,1-Dichloropropene	7.95	75	21194	4.186	ug/l #	48
38) Carbon Tetrachloride	7.95	117	32518	5.910	ug/l #	15
59) 2-Hexanone	10.94	43	1459	1.310	ug/l #	22
76) 1,2,3-Trichloropropane	12.62	75	91999	42.710	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	91999	105.645	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.26	105	29191	1.608	ug/l	99
95) Naphthalene	15.38	128	12251	1.169	ug/l #	96

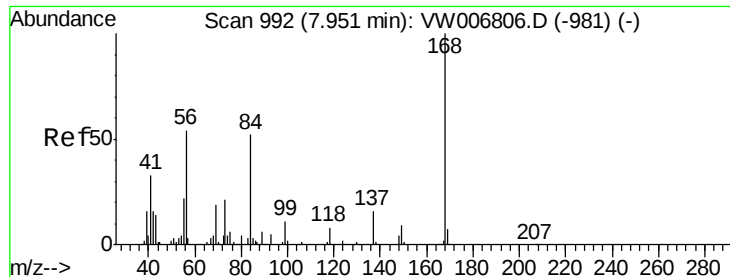
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006868.D

Acq: 13 Nov 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

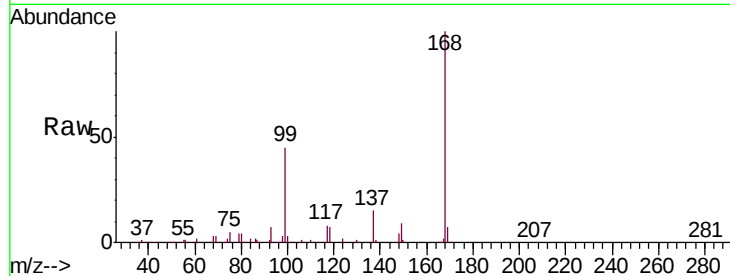
EP2-SB-109(22-24)

Tgt Ion:168 Resp: 400818

Ion Ratio Lower Upper

168 100

99 45.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

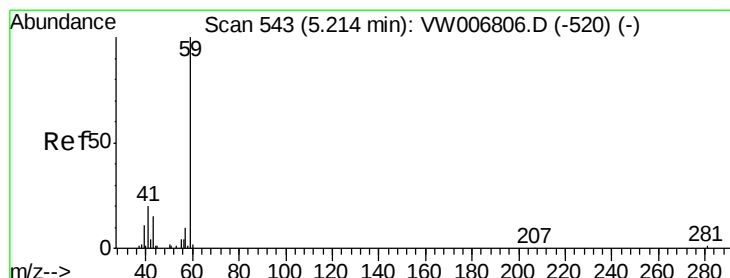
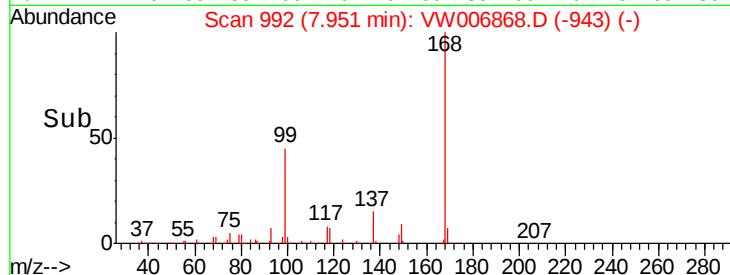
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 1.258 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.01 min

Lab File: VW006868.D

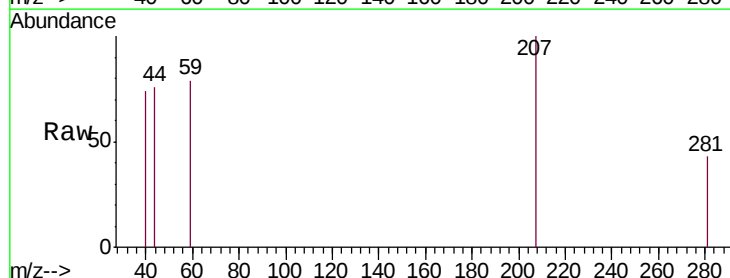
Acq: 13 Nov 2018 21:08

Tgt Ion: 59 Resp: 242

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

150

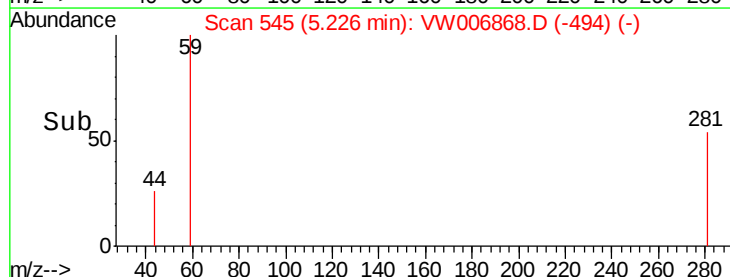
100

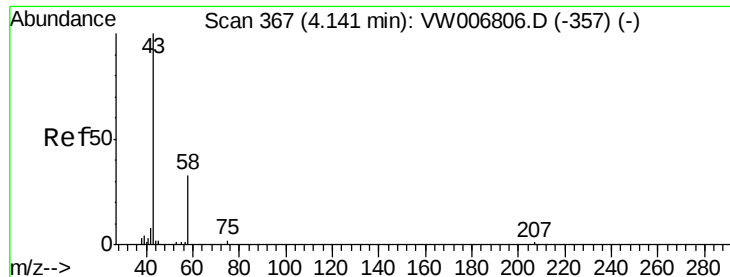
50

0

5.20 5.25

Time-->





#16

Acetone

Concen: 38.465 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006868.D

Acq: 13 Nov 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

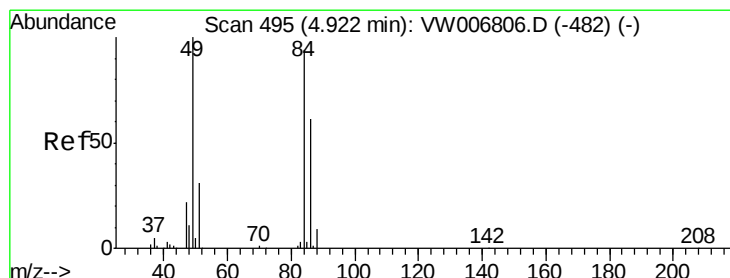
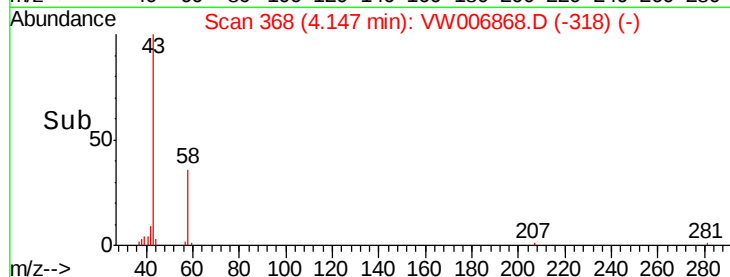
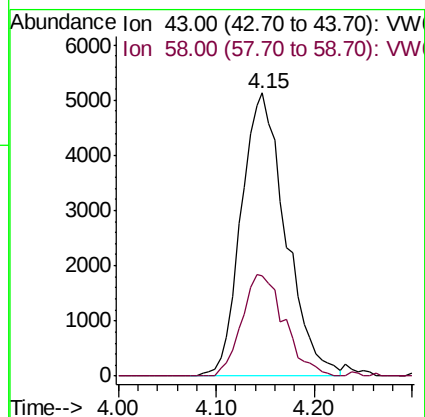
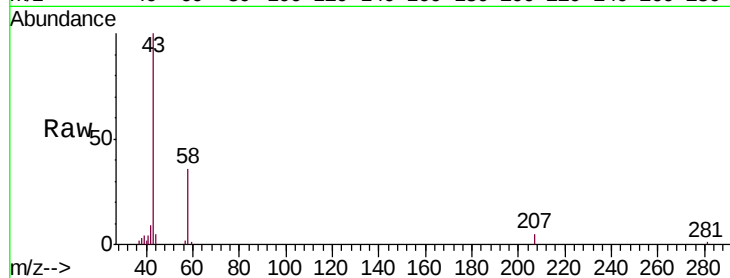
EP2-SB-109(22-24)

Tgt Ion: 43 Resp: 16186

Ion Ratio Lower Upper

43 100

58 35.6 26.5 39.7



#20

Methylene Chloride

Concen: 3.615 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006868.D

Acq: 13 Nov 2018 21:08

Tgt Ion: 84 Resp: 32323

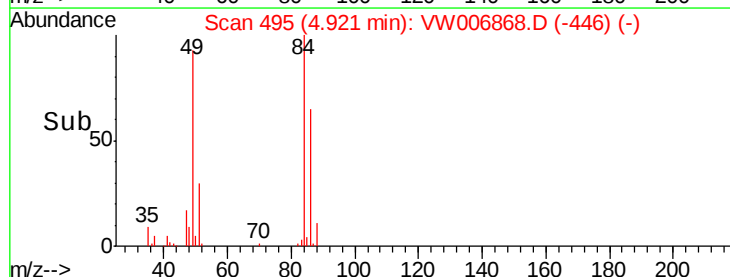
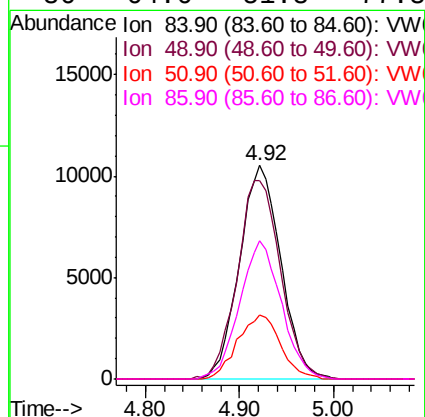
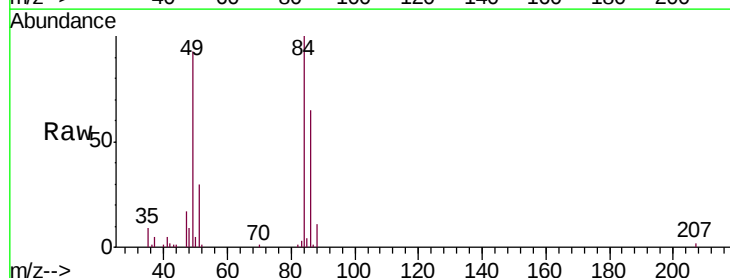
Ion Ratio Lower Upper

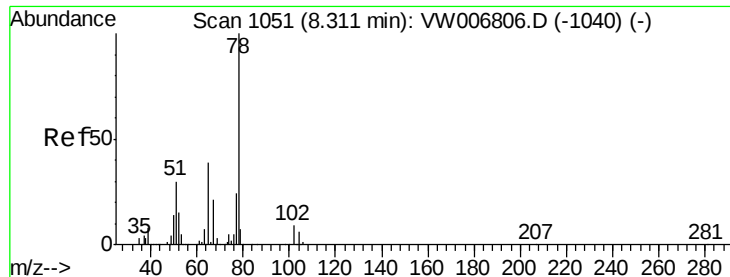
84 100

49 93.0 84.8 127.2

51 29.7 26.2 39.4

86 64.6 51.8 77.8

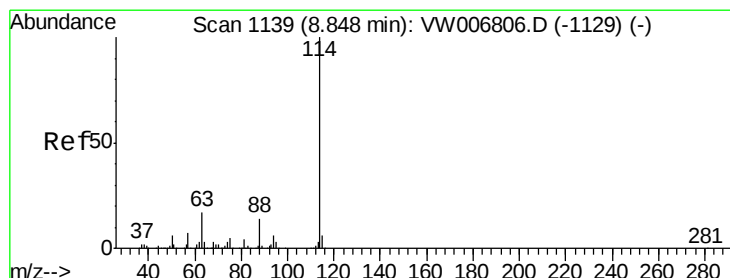
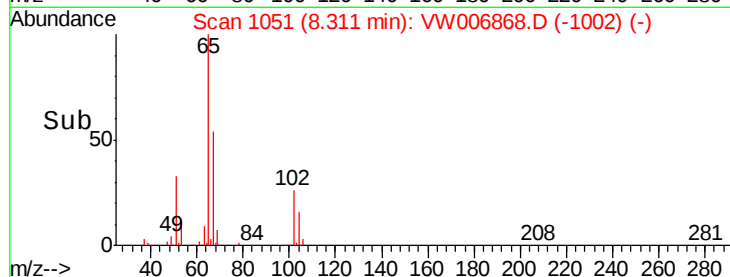
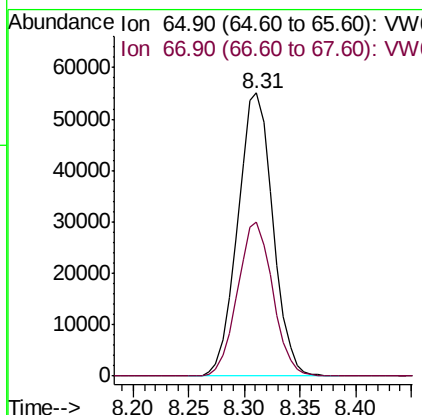
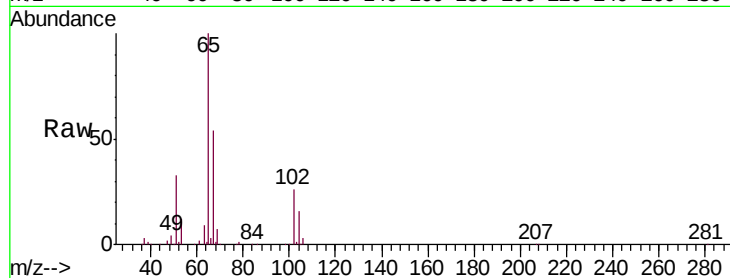




#33
 1,2-Dichloroethane-d4
 Concen: 41.262 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006868.D
 Acq: 13 Nov 2018 21:08

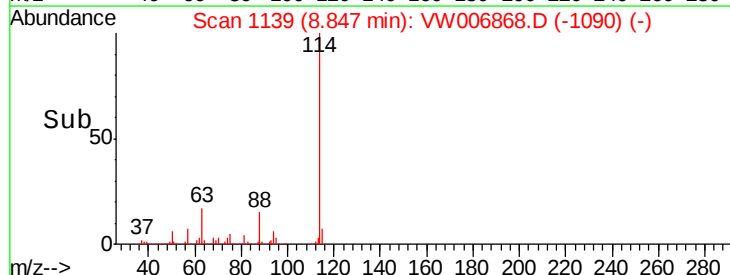
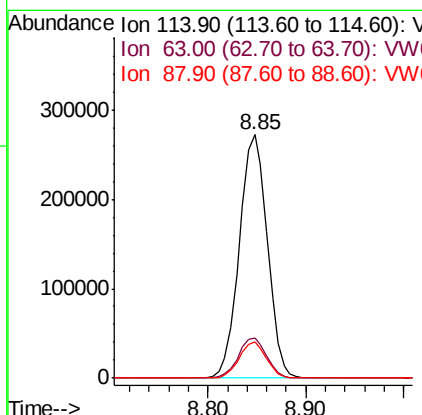
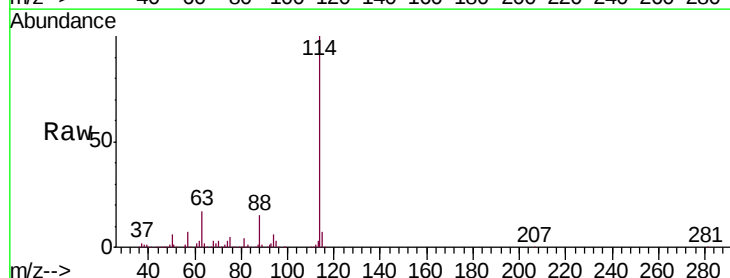
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-109(22-24)

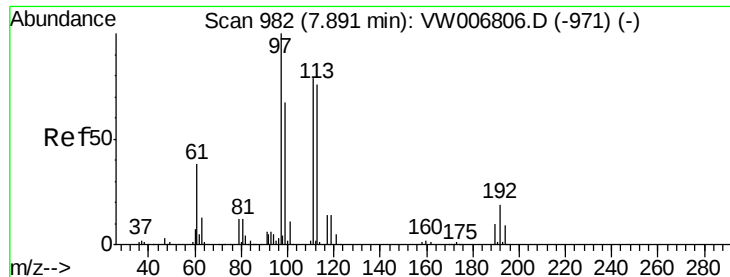
Tgt Ion: 65 Resp: 120900
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006868.D
 Acq: 13 Nov 2018 21:08

Tgt Ion: 114 Resp: 541004
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.6
 88 15.0 0.0 28.4

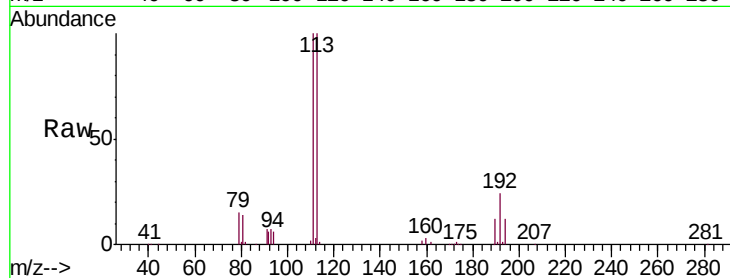




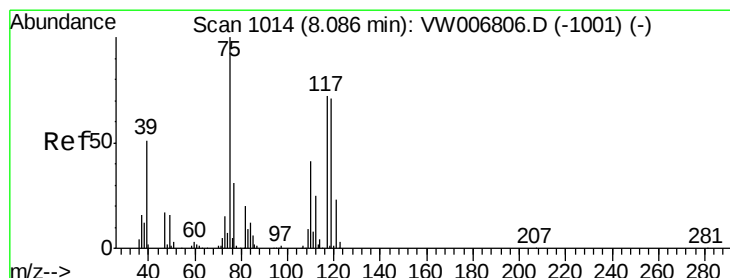
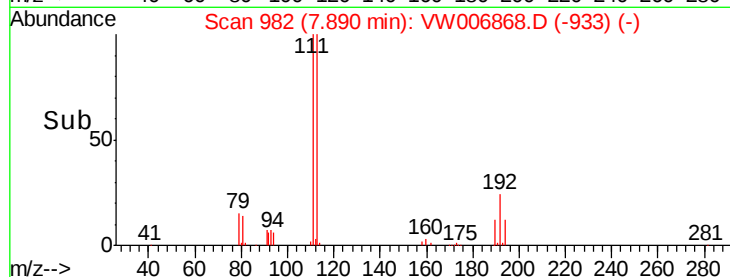
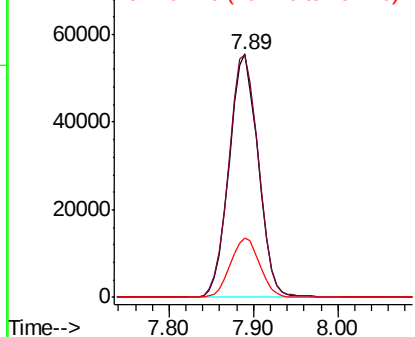
#35
 Dibromofluoromethane
 Concen: 40.235 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006868.D
 Acq: 13 Nov 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-109(22-24)

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.0	121.6
192	24.5	19.0	28.6

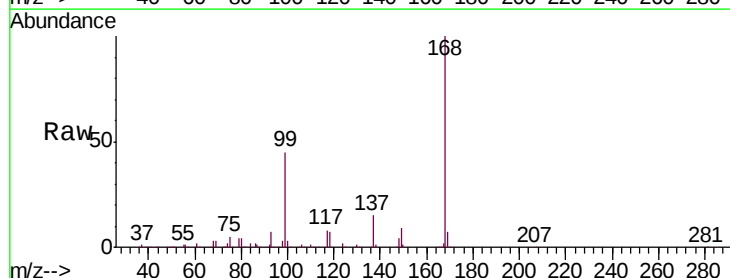


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

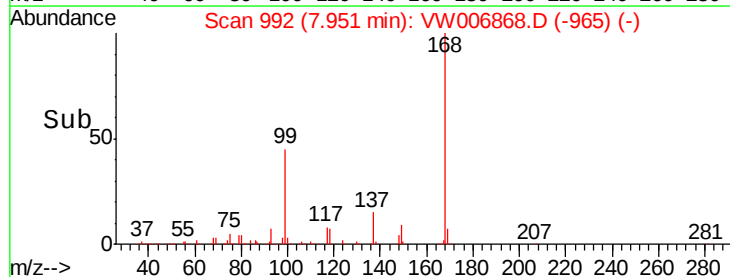
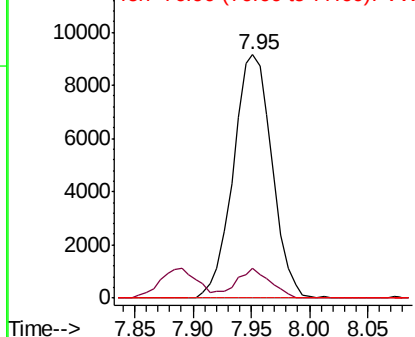


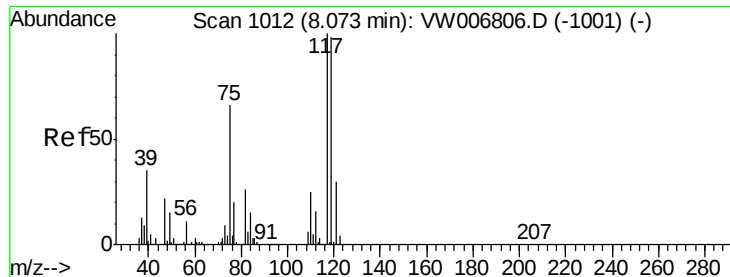
#36
 1,1-Dichloropropene
 Concen: 4.186 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006868.D
 Acq: 13 Nov 2018 21:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	19.9	59.6#
77	0.0	25.4	38.2#



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: 5.910 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006868.D

Acq: 13 Nov 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-109(22-24)

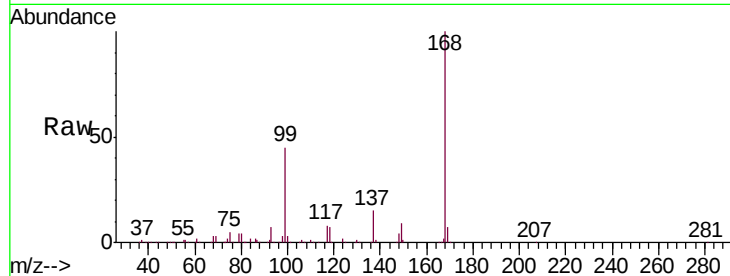
Tgt Ion:117 Resp: 32518

Ion Ratio Lower Upper

117 100

119 5.3 78.5 117.7#

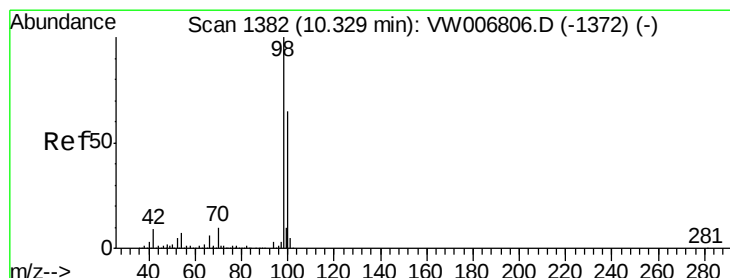
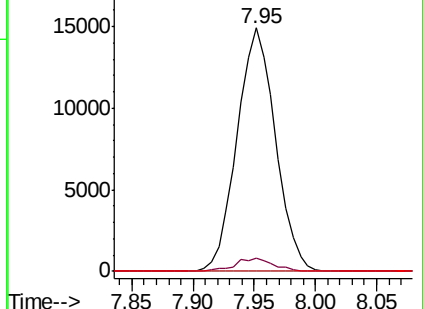
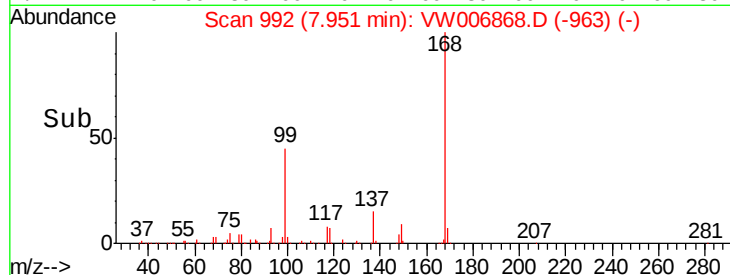
121 0.0 24.2 36.2#



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: 40.924 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006868.D

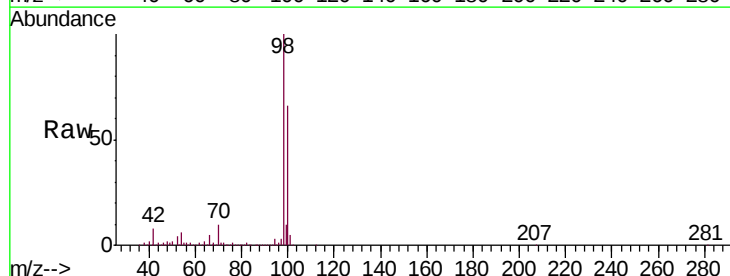
Acq: 13 Nov 2018 21:08

Tgt Ion: 98 Resp: 546442

Ion Ratio Lower Upper

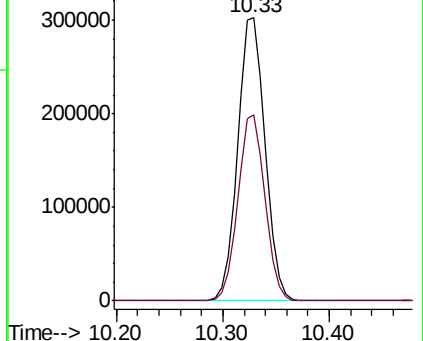
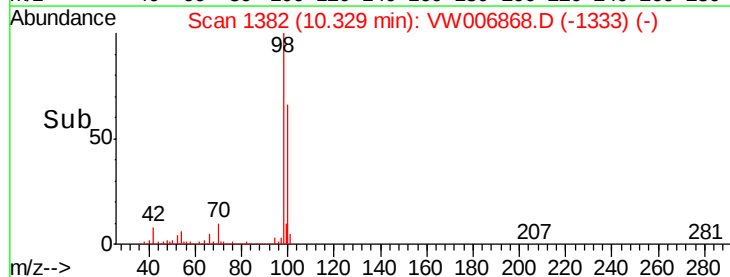
98 100

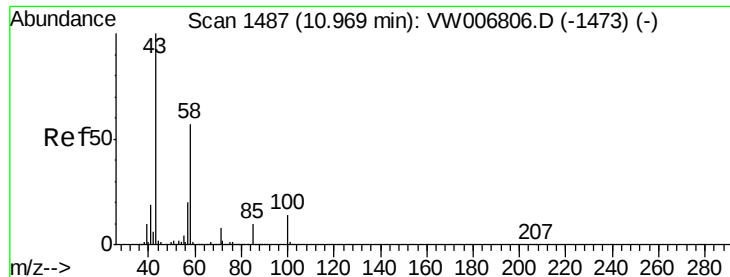
100 64.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

2-Hexanone

Concen: 1.310 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW006868.D

Acq: 13 Nov 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

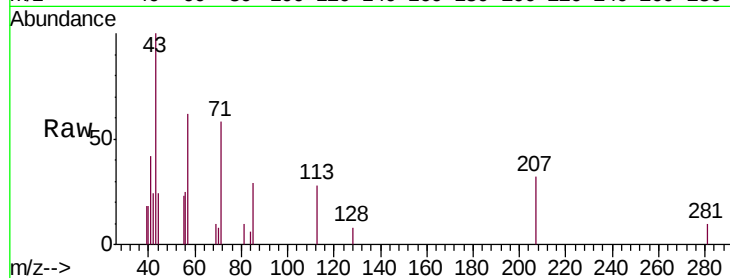
EP2-SB-109(22-24)

Tgt Ion: 43 Resp: 1459

Ion Ratio Lower Upper

43 100

58 0.0 28.7 86.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.94

800

600

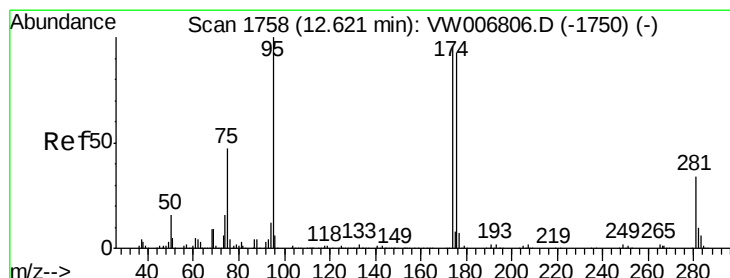
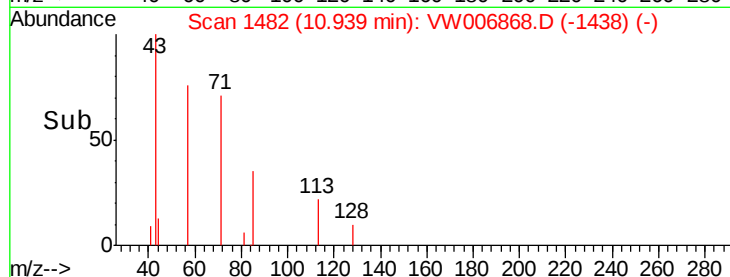
400

200

0

10.85 10.90 10.95 11.00

Time-->



#62

4-Bromofluorobenzene

Concen: 42.663 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006868.D

Acq: 13 Nov 2018 21:08

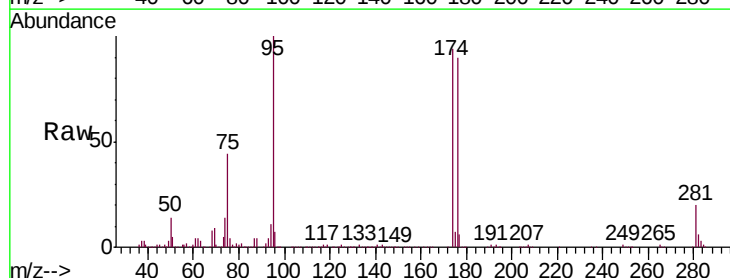
Tgt Ion: 95 Resp: 209816

Ion Ratio Lower Upper

95 100

174 97.8 0.0 196.6

176 93.1 0.0 191.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

150000

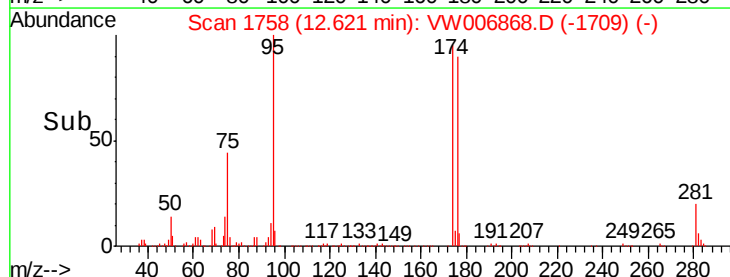
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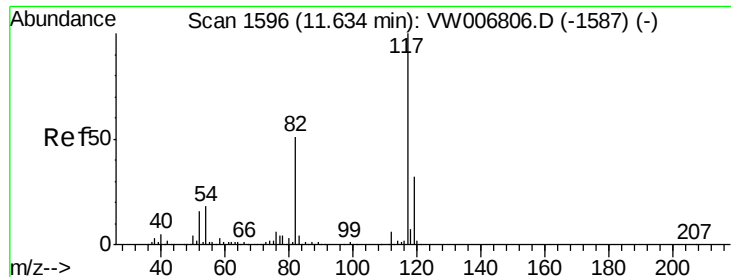
50000

0

12.55 12.60 12.65

Time-->

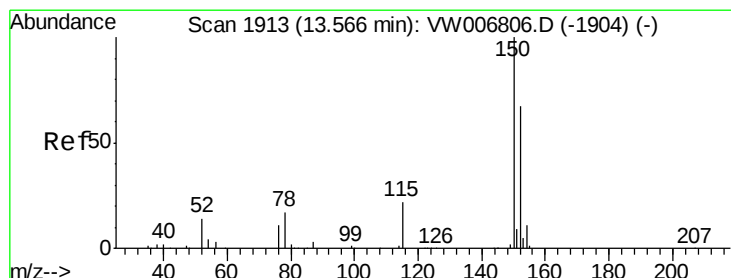
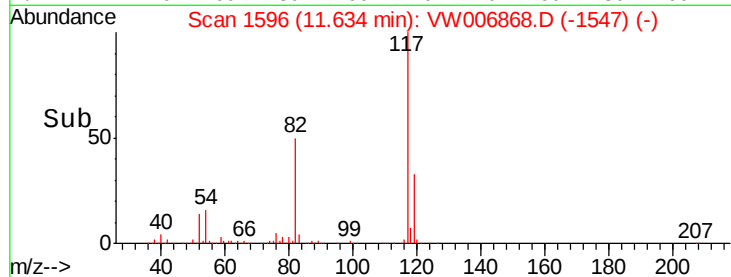
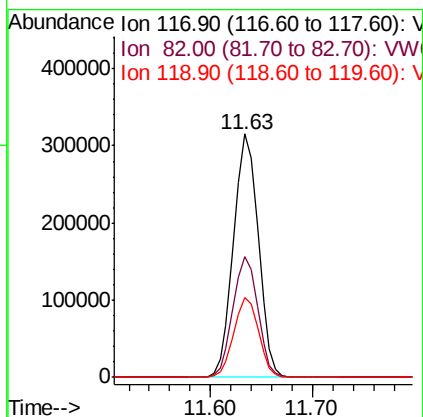
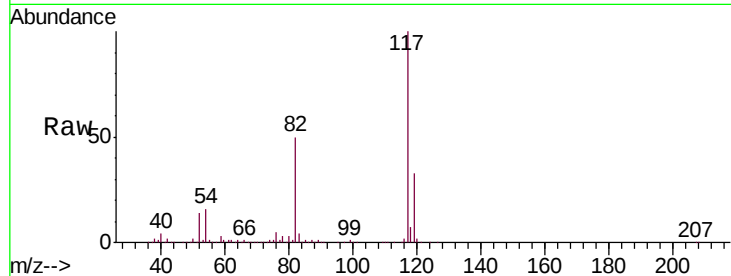




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006868.D
Acq: 13 Nov 2018 21:08

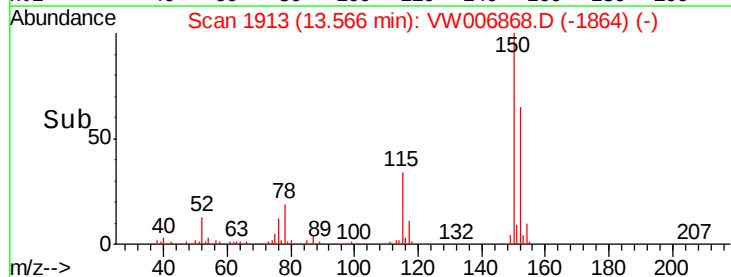
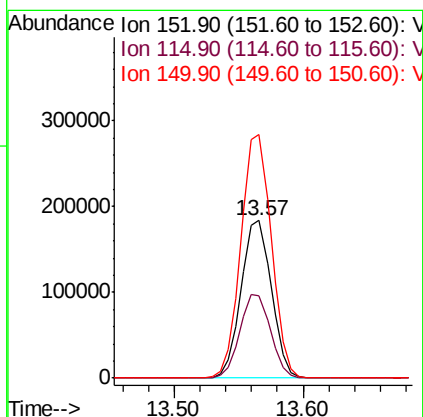
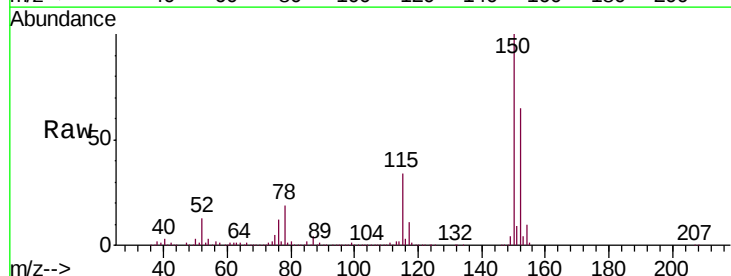
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-109(22-24)

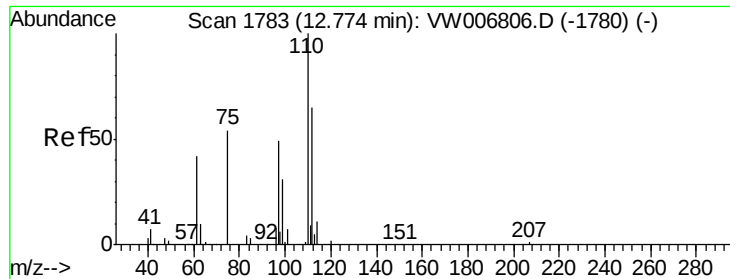
Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.7	40.6	61.0
119	32.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006868.D
Acq: 13 Nov 2018 21:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.3	81.8
150	155.4	0.0	353.0

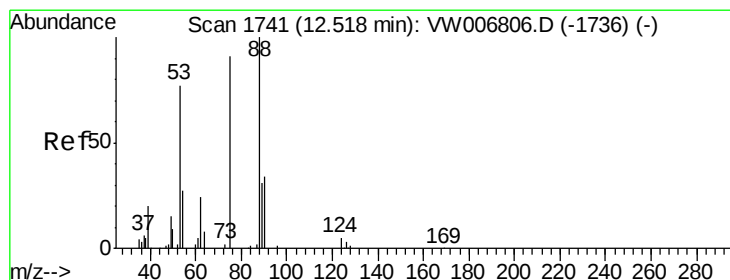
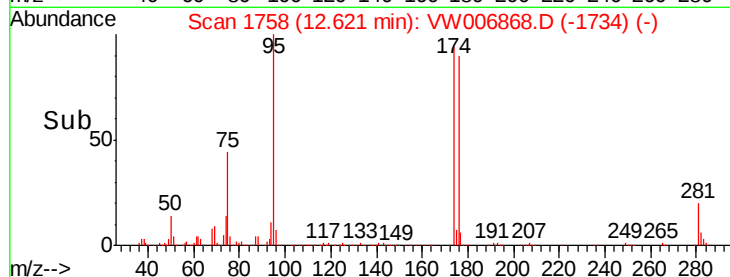
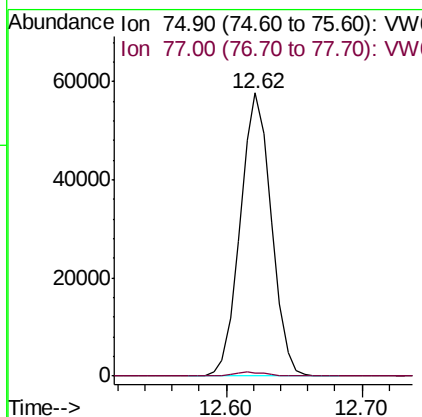
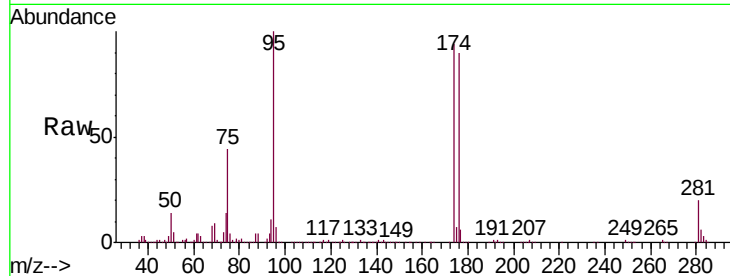




#76
 1,2,3-Trichloropropane
 Concen: 42.710 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006868.D
 Acq: 13 Nov 2018 21:08

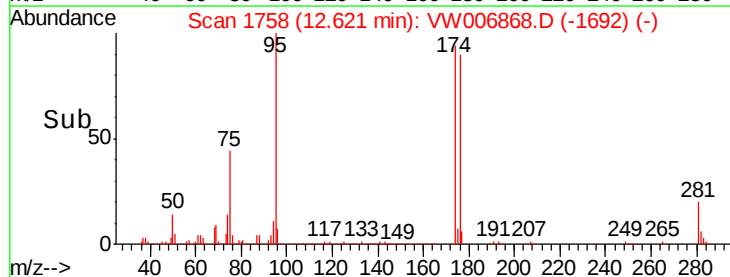
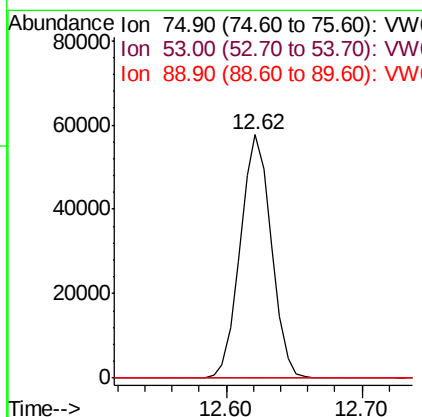
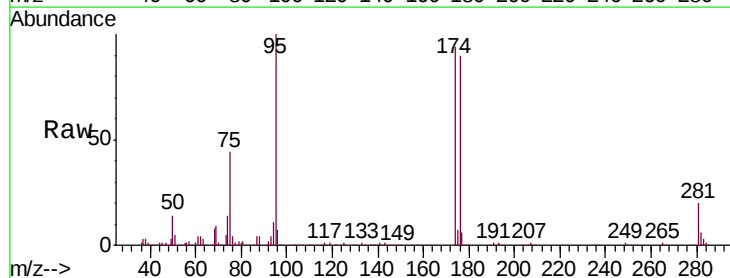
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-109(22-24)

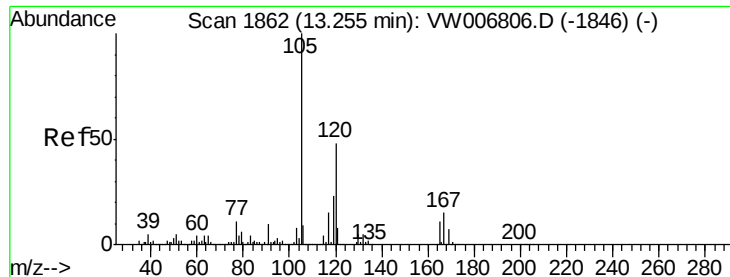
Tgt Ion: 75 Resp: 91999
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.645 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006868.D
 Acq: 13 Nov 2018 21:08

Tgt Ion: 75 Resp: 91999
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.1 38.7 58.1#

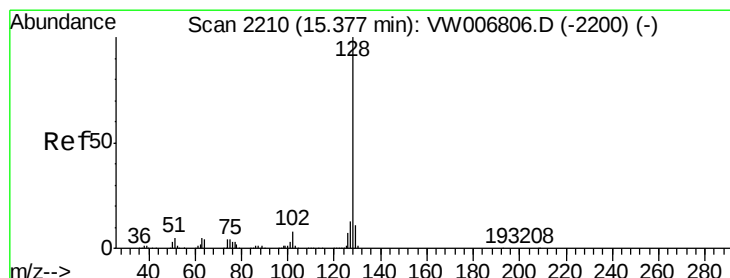
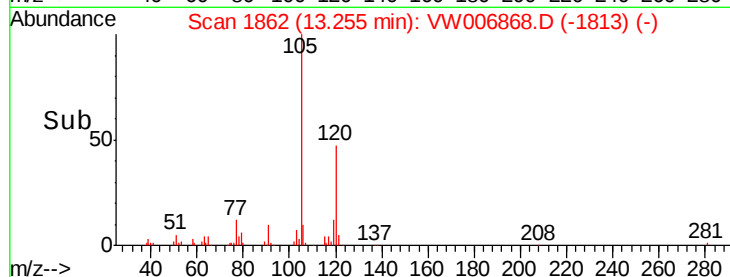
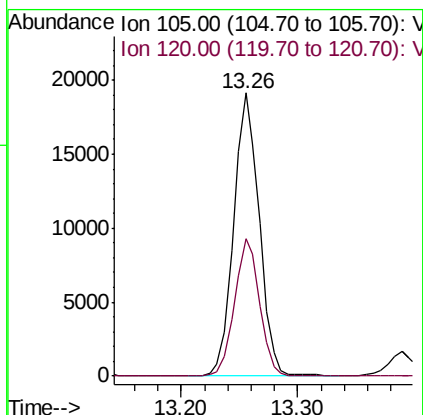
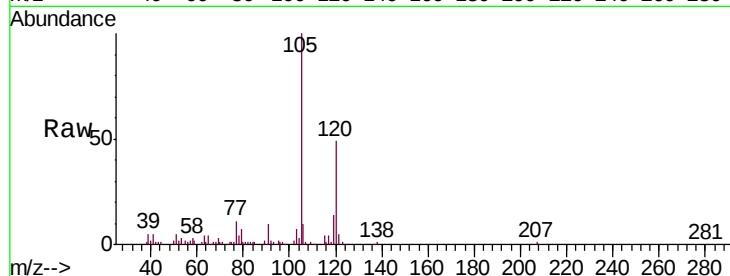




#84
 1,2,4-Trimethylbenzene
 Concen: 1.608 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006868.D
 Acq: 13 Nov 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-109(22-24)

Tgt Ion:105 Resp: 29191
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.0



#95
 Naphthalene
 Concen: 1.169 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW006868.D
 Acq: 13 Nov 2018 21:08

Tgt Ion:128 Resp: 12251
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.3 15.5
 129 13.3 8.6 13.0#

