

Data File : VW006834.D
Acq On : 13 Nov 2018 04:52
Operator : SY/AP
Sample : J5860-03RE
Misc : 5.18G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-102(13-15)

Quant Time: Nov 13 07:16:45 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	372950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	522249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	501698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	260169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132012	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	7.89	113	136854	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
50) Toluene-d8	10.33	98	537303	41.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.36%	
62) 4-Bromofluorobenzene	12.62	95	184336	38.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.66%	

Target Compounds

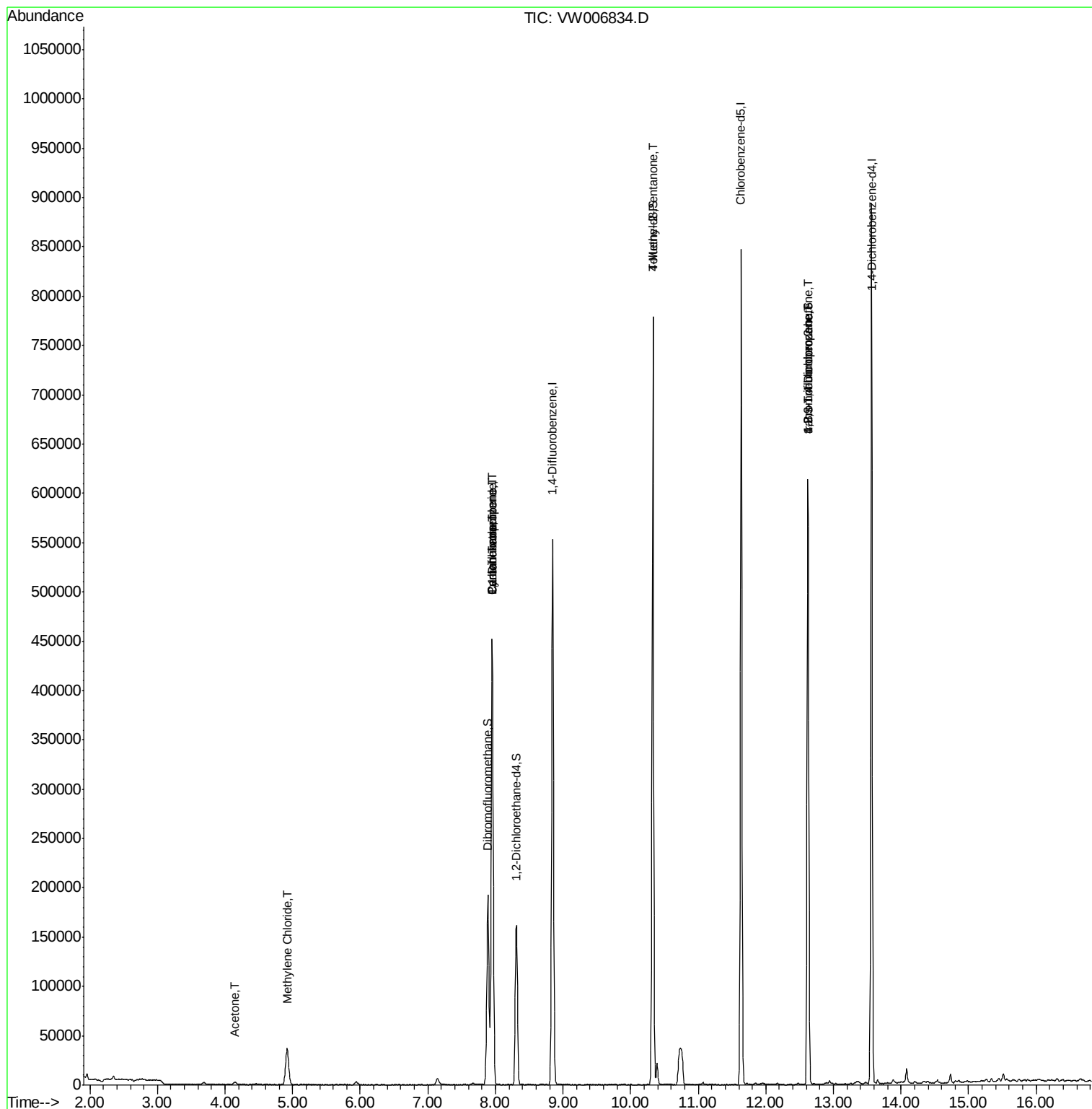
						Qvalue
16) Acetone	4.14	43	5286	13.500	ug/l	97
20) Methylene Chloride	4.92	84	32286	4.307	ug/l	93
31) Cyclohexane	7.96	56	5690	1.089	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	22419	4.587	ug/l #	48
38) Carbon Tetrachloride	7.95	117	31740	5.975	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	2038	1.308	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	88738	47.328	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88738	117.070	ug/l #	13

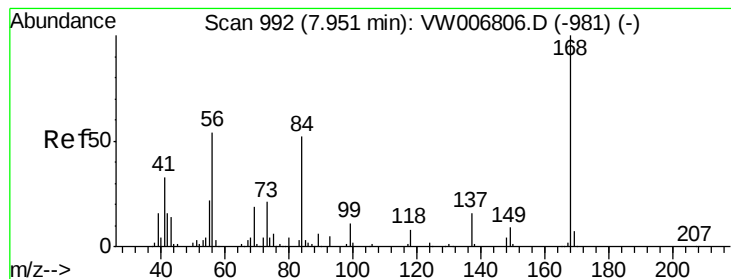
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006834.D

Acq: 13 Nov 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

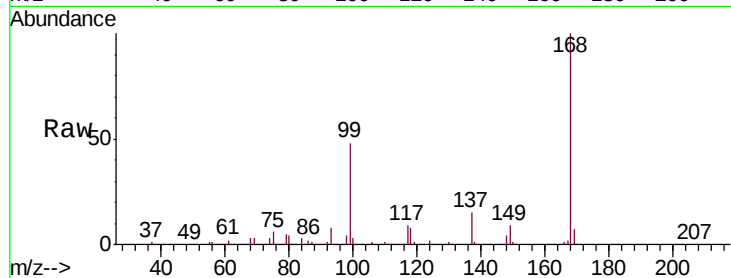
EP2-SB-102(13-15)

Tgt Ion:168 Resp: 372950

Ion Ratio Lower Upper

168 100

99 48.2 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

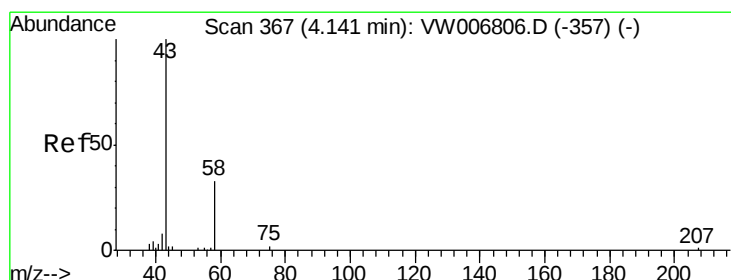
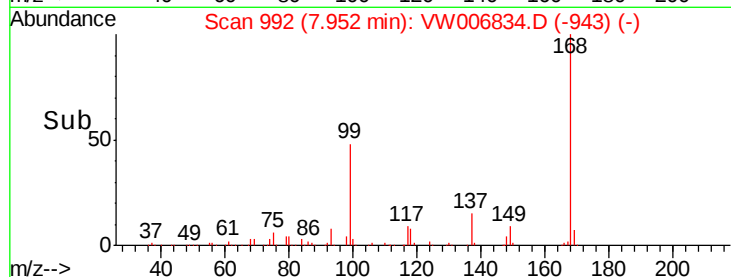
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.500 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006834.D

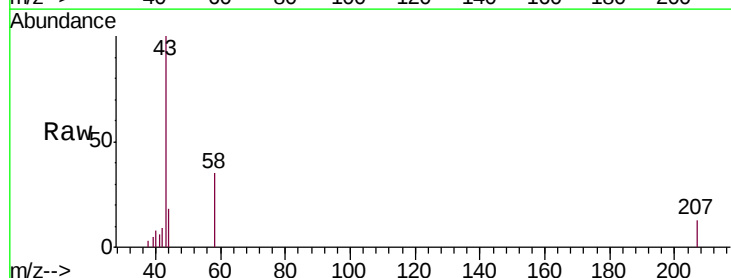
Acq: 13 Nov 2018 04:52

Tgt Ion: 43 Resp: 5286

Ion Ratio Lower Upper

43 100

58 34.7 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

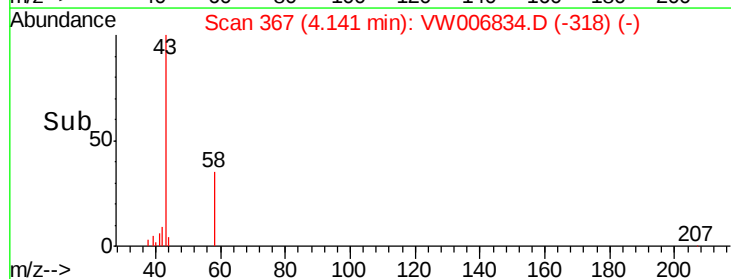
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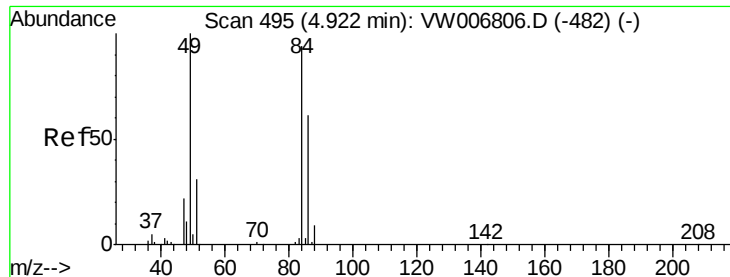
1000

500

0

Time-->

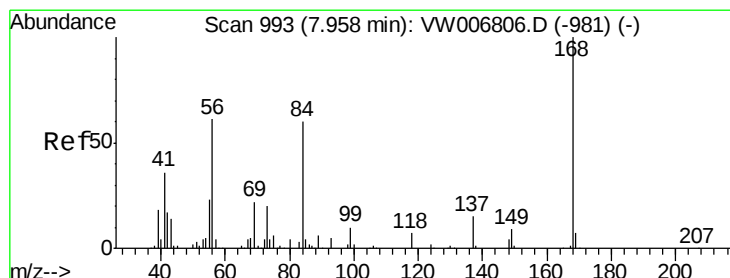
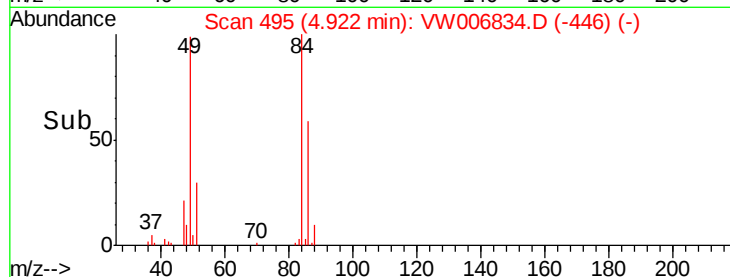
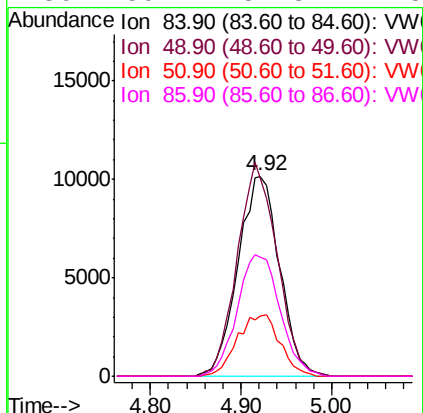
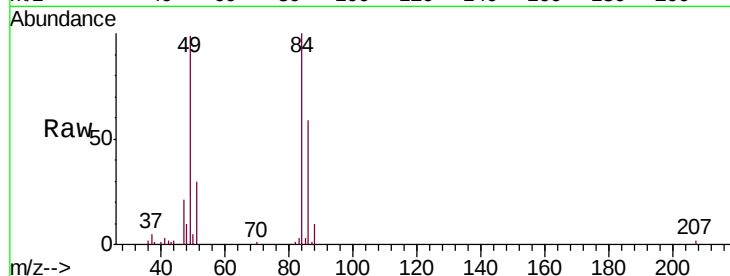




#20
Methylene Chloride
Concen: 4.307 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006834.D
Acq: 13 Nov 2018 04:52

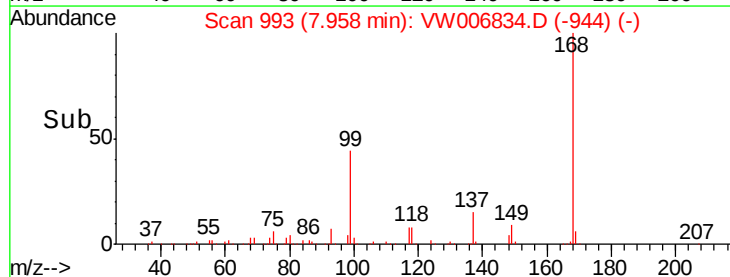
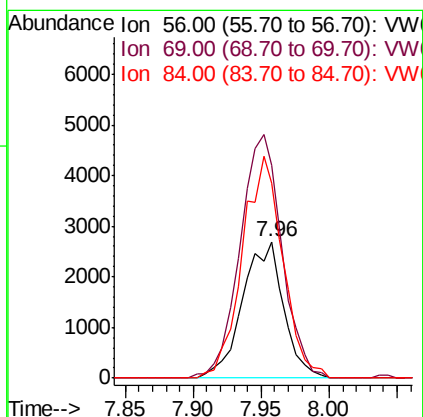
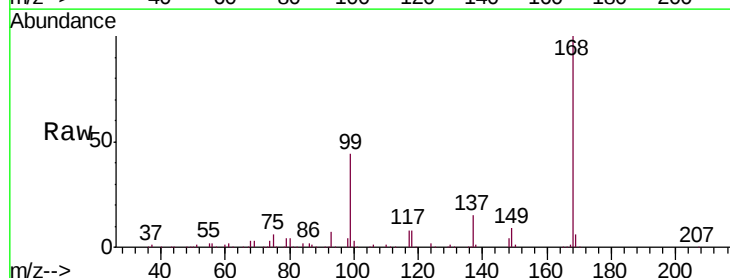
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-102(13-15)

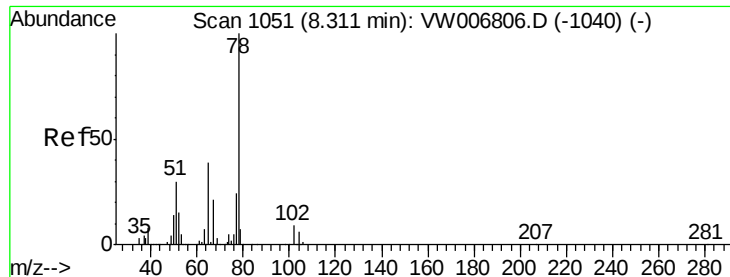
Tgt Ion:	84	Resp:	32286
Ion	Ratio	Lower	Upper
84	100		
49	98.8	84.8	127.2
51	30.1	26.2	39.4
86	59.4	51.8	77.8



#31
Cyclohexane
Concen: 1.089 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006834.D
Acq: 13 Nov 2018 04:52

Tgt Ion:	56	Resp:	5690
Ion	Ratio	Lower	Upper
56	100		
69	156.0	28.9	43.3#
84	142.8	79.0	118.4#

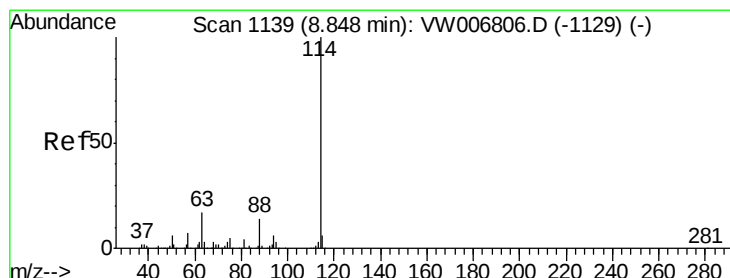
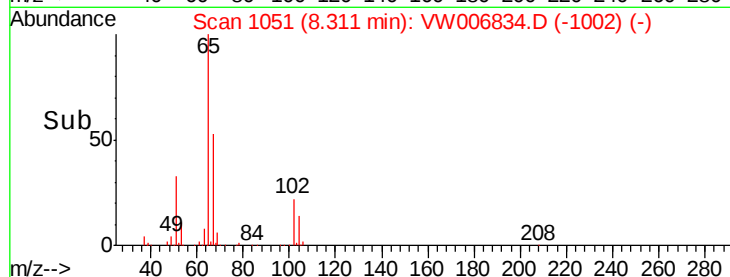
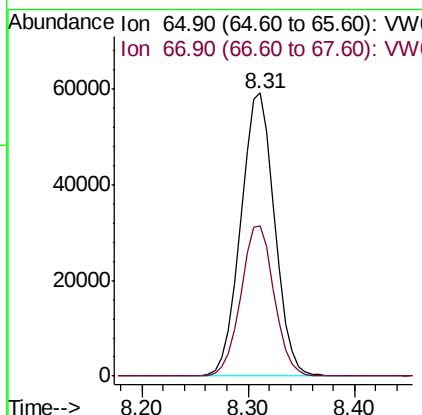
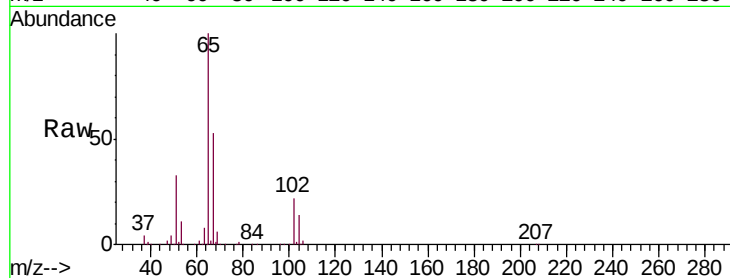




#33
 1,2-Dichloroethane-d4
 Concen: 48.420 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006834.D
 Acq: 13 Nov 2018 04:52

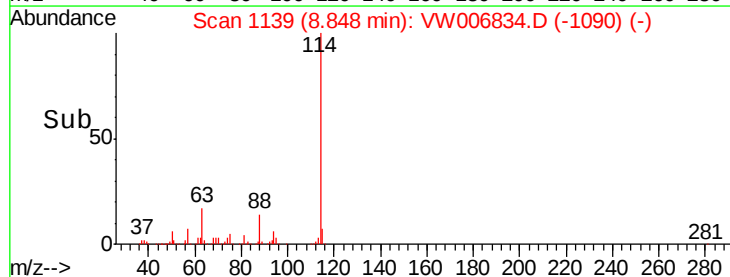
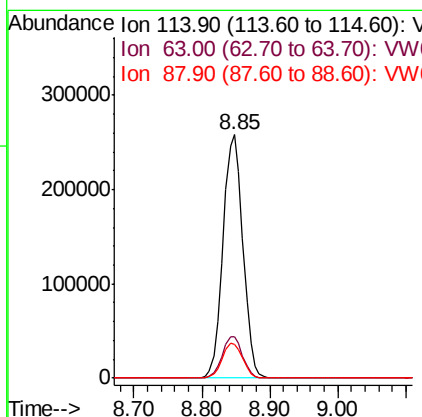
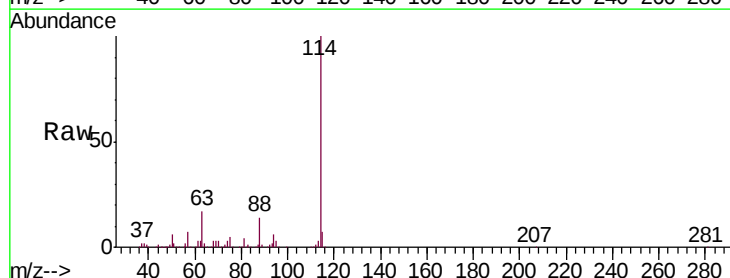
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-102(13-15)

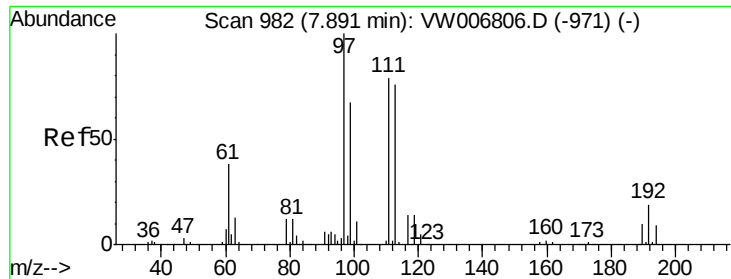
Tgt Ion: 65 Resp: 132012
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006834.D
 Acq: 13 Nov 2018 04:52

Tgt Ion: 114 Resp: 522249
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 33.6
 88 14.1 0.0 28.4

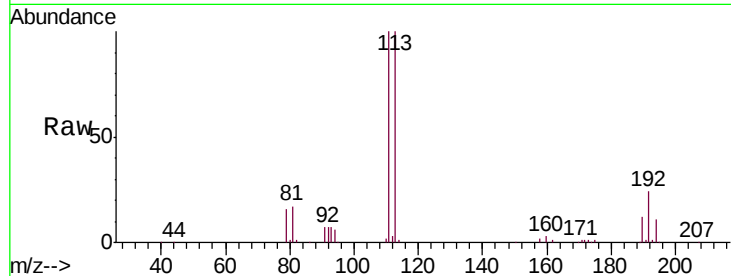




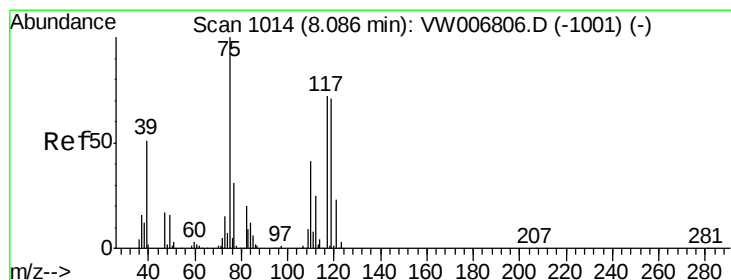
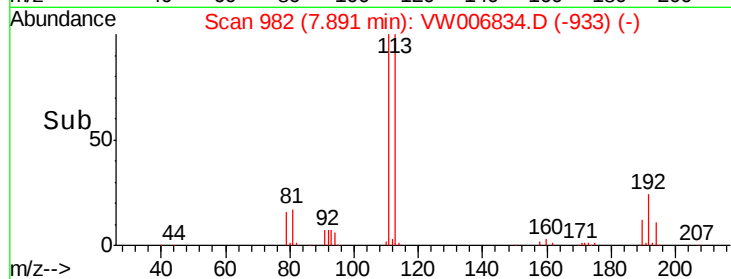
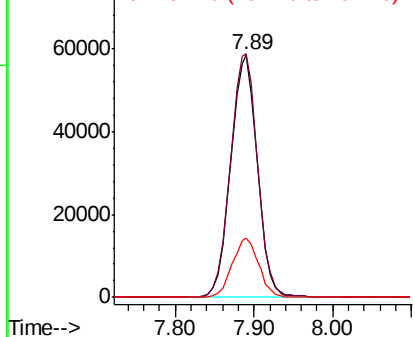
#35
 Dibromofluoromethane
 Concen: 44.007 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006834.D
 Acq: 13 Nov 2018 04:52

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-102(13-15)

Tgt Ion: 113 Resp: 136854
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.0 121.6
 192 24.1 19.0 28.6

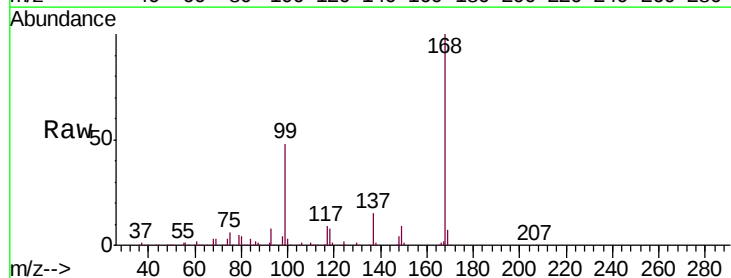


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

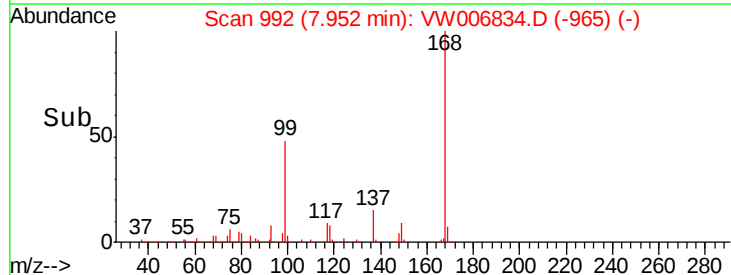
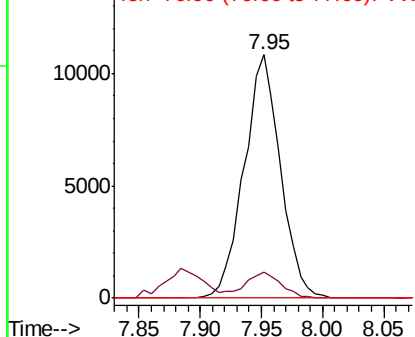


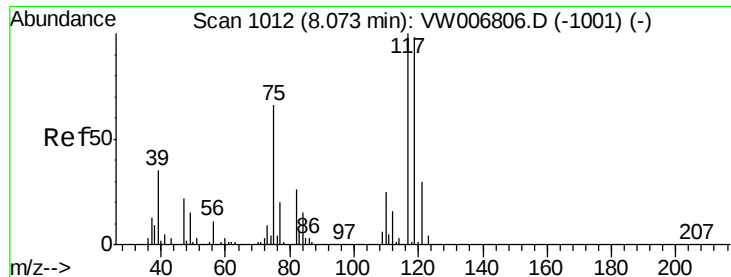
#36
 1,1-Dichloropropene
 Concen: 4.587 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006834.D
 Acq: 13 Nov 2018 04:52

Tgt Ion: 75 Resp: 22419
 Ion Ratio Lower Upper
 75 100
 110 10.3 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

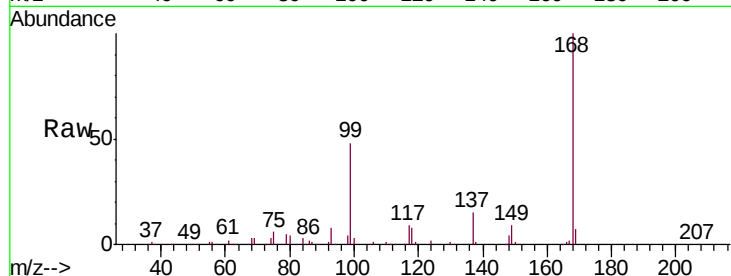




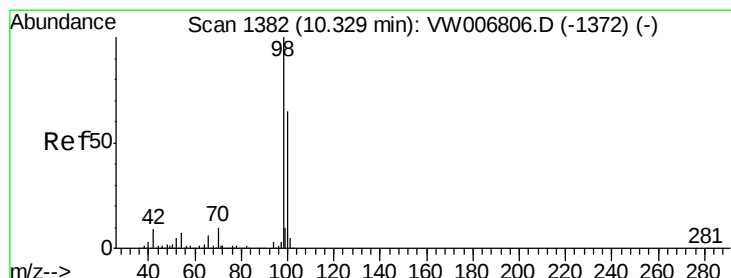
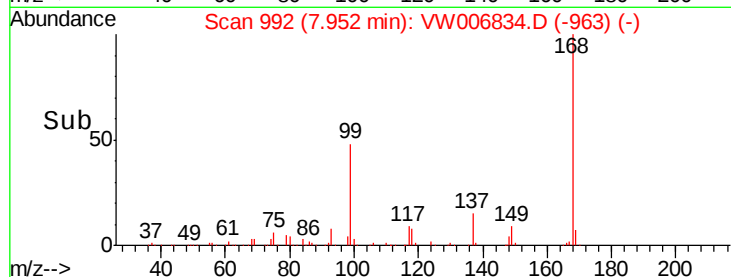
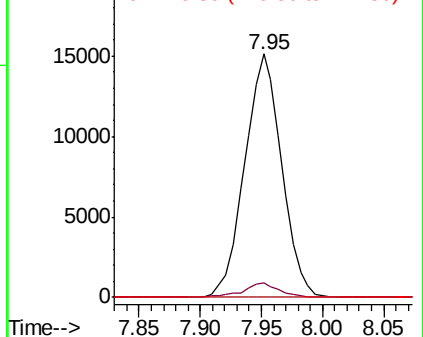
#38
Carbon Tetrachloride
Concen: 5.975 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006834.D
Acq: 13 Nov 2018 04:52

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-102(13-15)

Tgt Ion:117 Resp: 31740
Ion Ratio Lower Upper
117 100
119 6.0 78.5 117.7#
121 0.0 24.2 36.2#

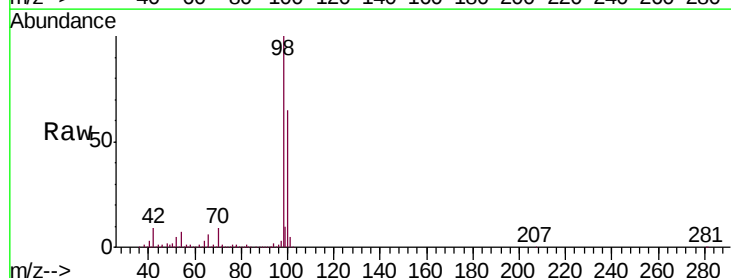


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

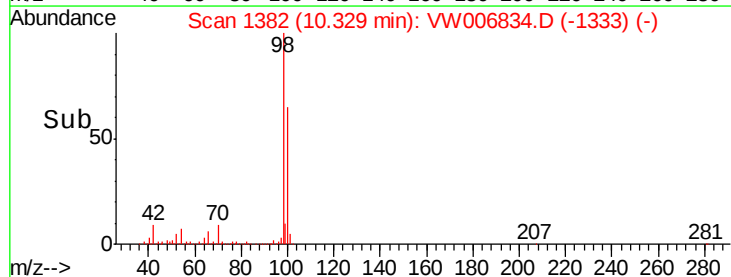
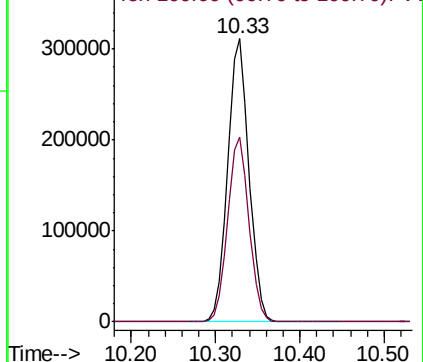


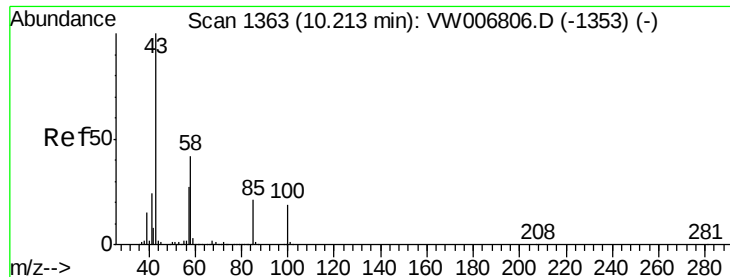
#50
Toluene-d8
Concen: 41.684 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006834.D
Acq: 13 Nov 2018 04:52

Tgt Ion: 98 Resp: 537303
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

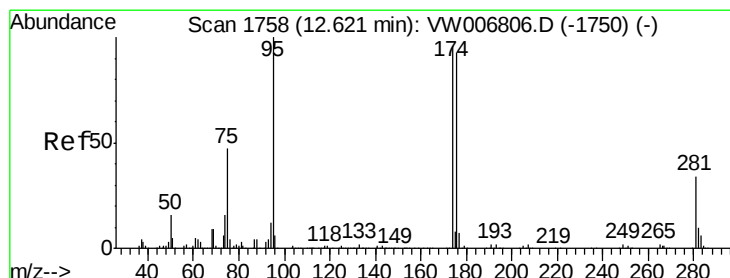
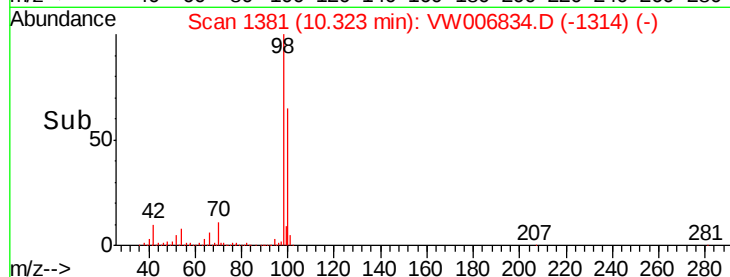
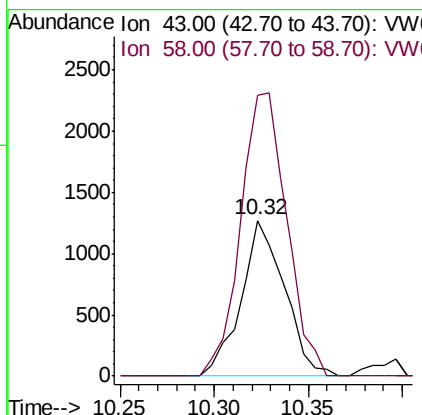
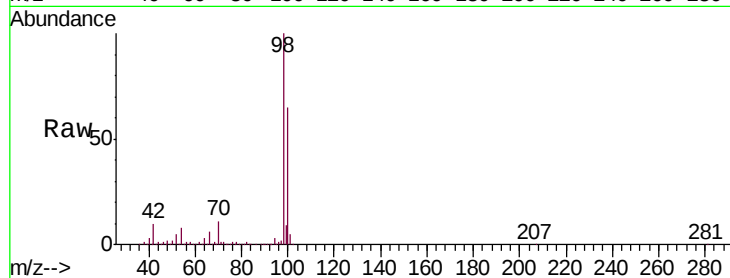




#51
 4-Methyl-2-Pentanone
 Concen: 1.308 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW006834.D
 Acq: 13 Nov 2018 04:52

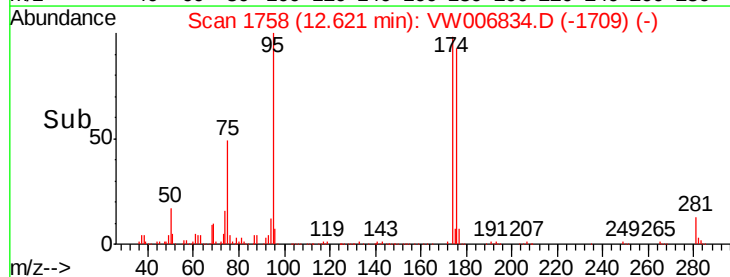
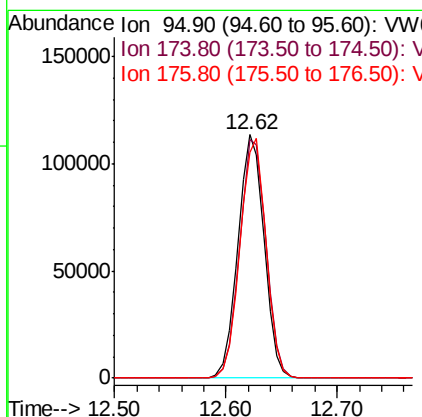
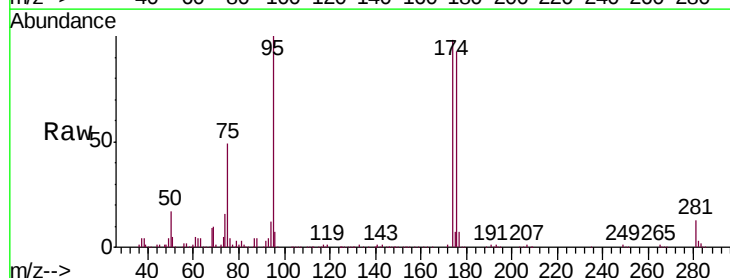
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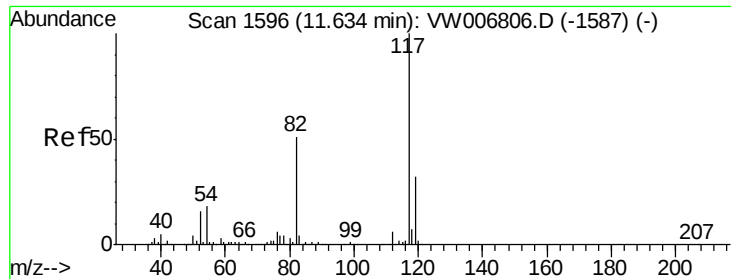
Tgt Ion: 43 Resp: 2038
 Ion Ratio Lower Upper
 43 100
 58 192.4 34.0 51.0#



#62
 4-Bromofluorobenzene
 Concen: 38.828 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006834.D
 Acq: 13 Nov 2018 04:52

Tgt Ion: 95 Resp: 184336
 Ion Ratio Lower Upper
 95 100
 174 99.5 0.0 196.6
 176 97.6 0.0 191.6

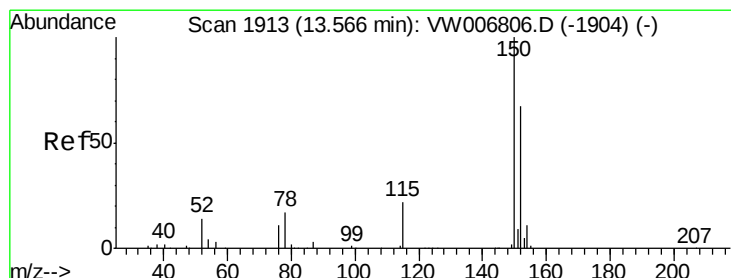
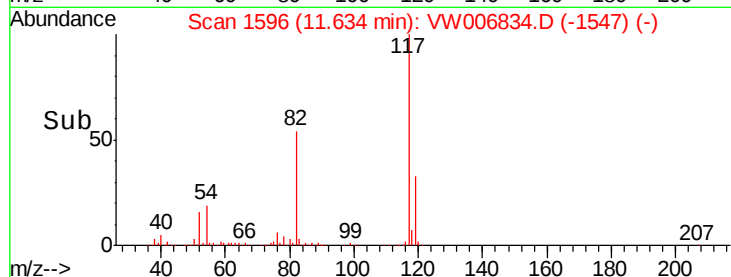
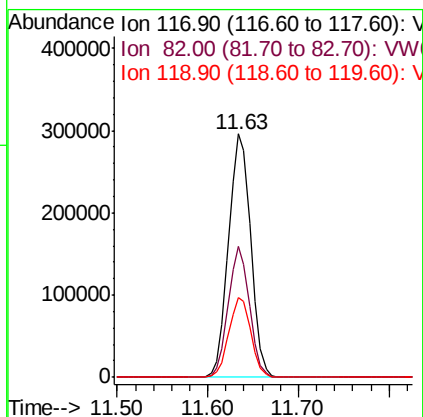
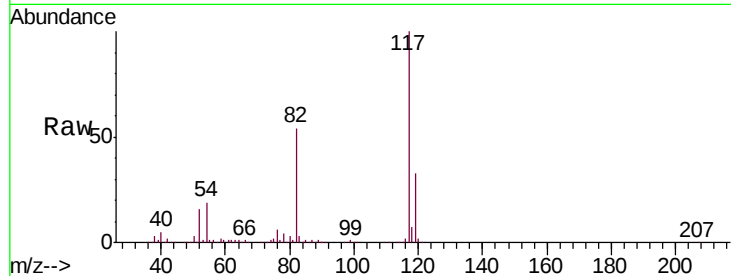




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006834.D
Acq: 13 Nov 2018 04:52

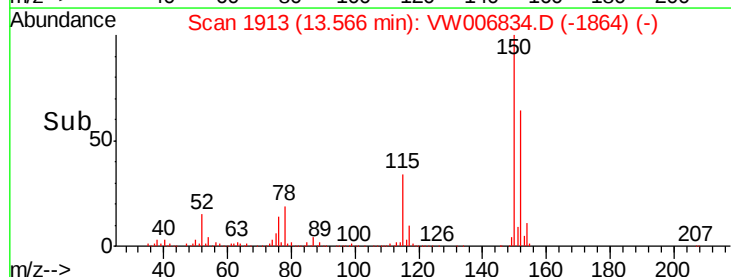
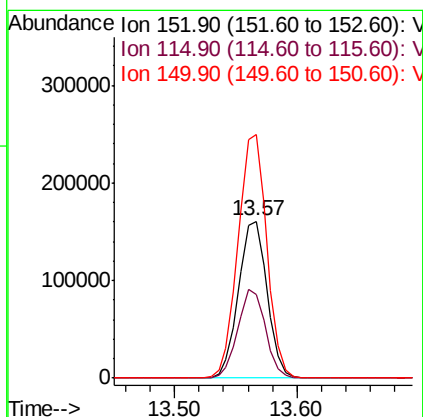
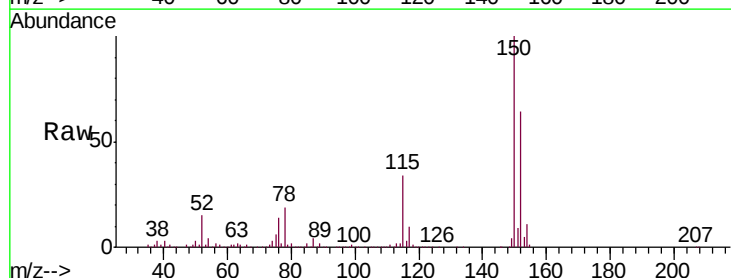
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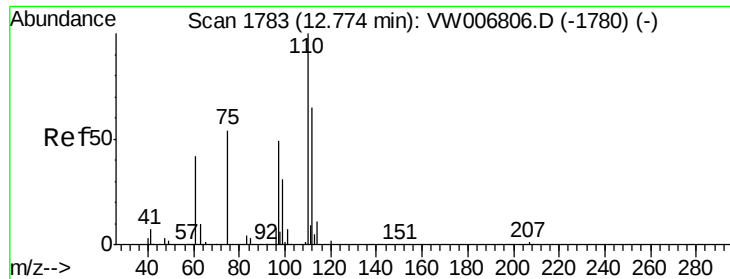
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	40.6	61.0
119	33.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006834.D
Acq: 13 Nov 2018 04:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.3	81.8
150	155.9	0.0	353.0

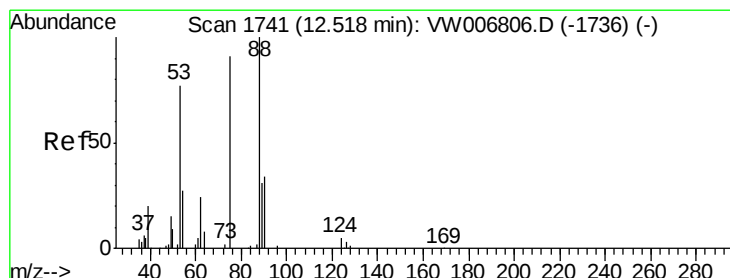
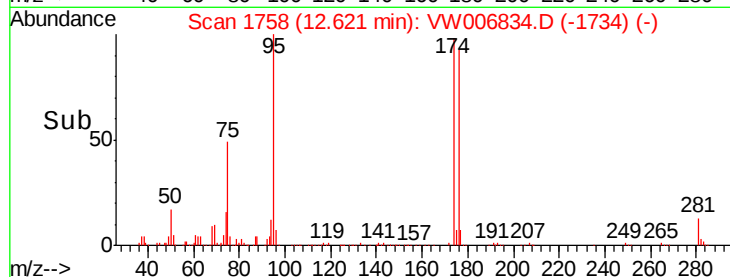
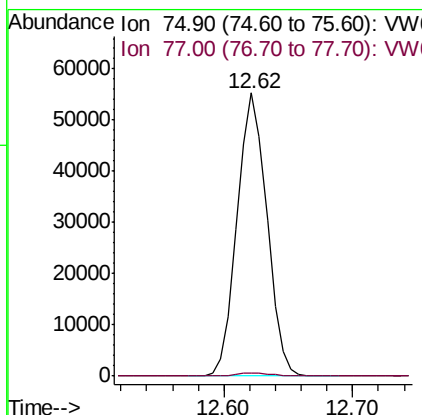
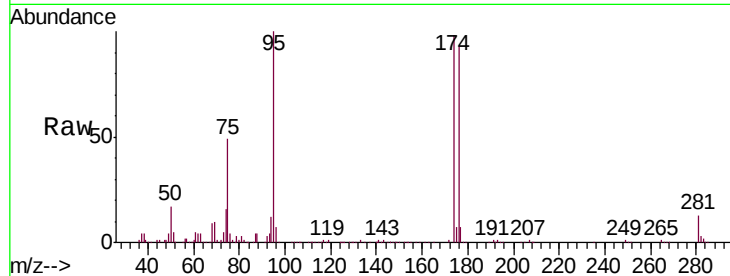




#76
 1,2,3-Trichloropropane
 Concen: 47.328 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006834.D
 Acq: 13 Nov 2018 04:52

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-102(13-15)

Tgt Ion: 75 Resp: 88738
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.070 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006834.D
 Acq: 13 Nov 2018 04:52

Tgt Ion: 75 Resp: 88738
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 38.7 58.1#

