

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061218\
 Data File : VV006247.D
 Acq On : 12 Jun 2018 14:46
 Operator : SY/MD
 Sample : J3405-01DL2 100X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DAWS3DL2

Quant Time: Jun 13 16:39:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 13 01:21:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	300138	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	268507	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	132177	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72385	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	67640	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	105186	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.94	46	193389	55.56	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.12%
24) Chloroform-d	4.40	84	145646	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	74539	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.10	84	299053	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	92212	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.36	98	268954	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.67	79	35621	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.14	63	182525	48.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66660	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	111623	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

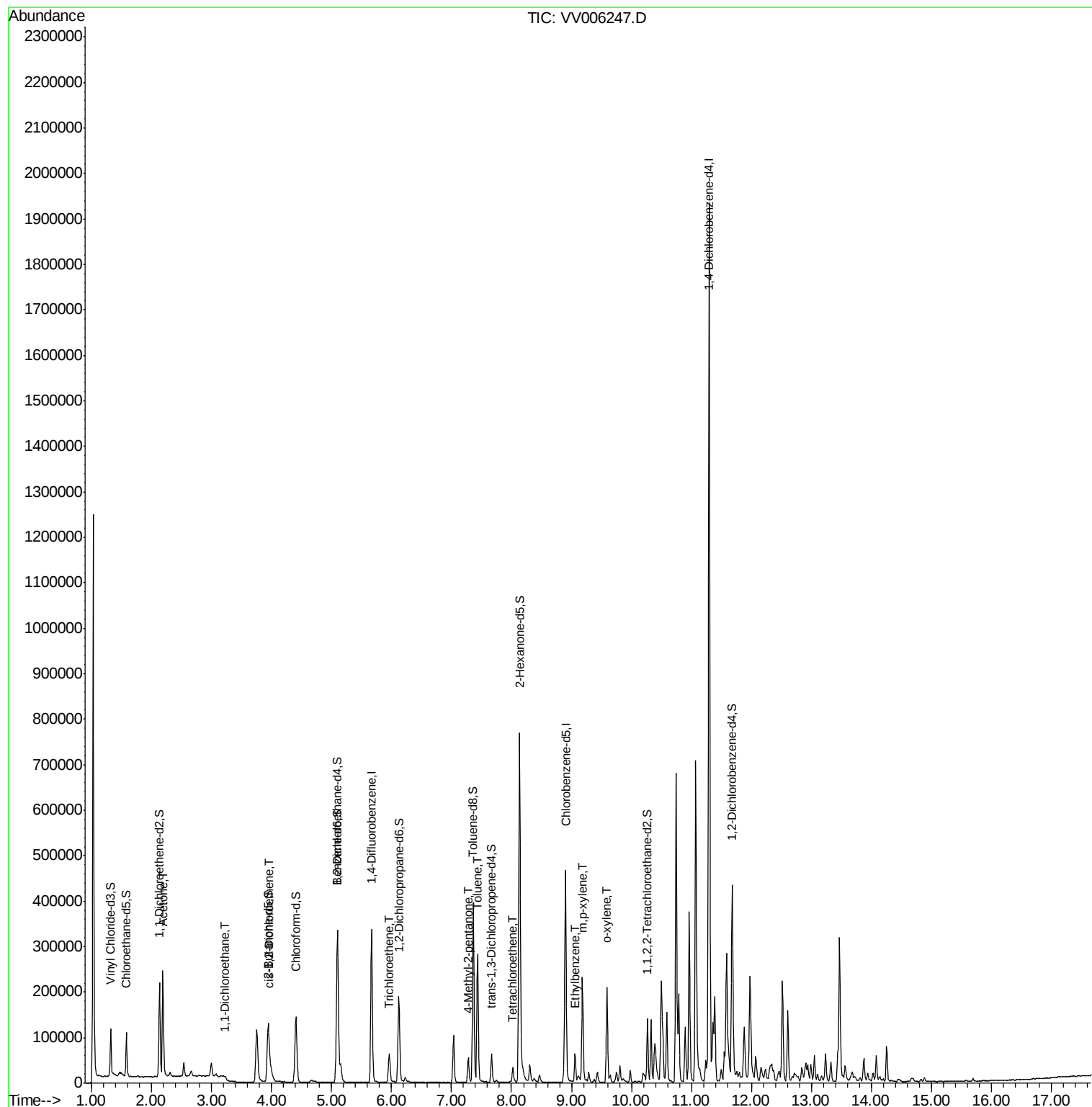
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	217904	115.531	ug/L	97
19) 1,1-Dichloroethane	3.23	63	6940	0.220	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	5205	0.256	ug/L #	99
34) Trichloroethene	5.96	95	20957	1.037	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	33572	3.660	ug/L	99
42) Toluene	7.43	91	206460	2.527	ug/L	99
47) Tetrachloroethene	8.02	164	7987	0.494	ug/L	96
52) Ethylbenzene	9.06	91	46788	0.514	ug/L	97
53) m,p-xylene	9.18	106	63802	1.796	ug/L	96
54) o-xylene	9.59	106	57636	1.659	ug/L	98

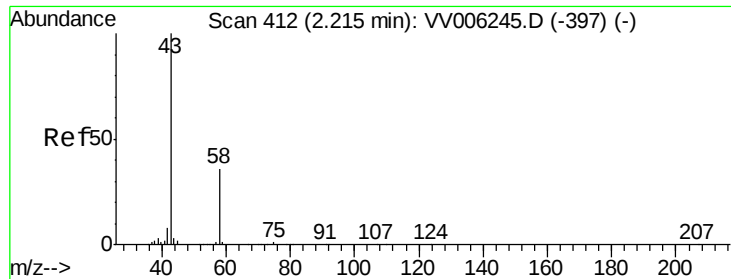
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061218\
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QLast Update : Wed Jun 13 01:21:06 2018
Response via : Initial Calibration





#13

Acetone

Concen: 115.531 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.03 min

Lab File: VV006247.D

Acq: 12 Jun 2018 14:46

Instrument :

MSVOA_V

ClientSampleId :

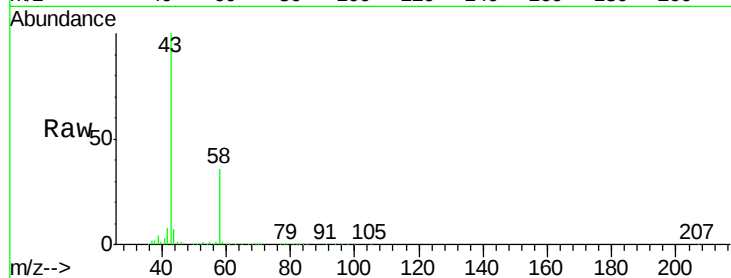
DAWS3DL2

Tot Ion: 43 Resp: 217904

Ion Ratio Lower Upper

43 100

58 35.3 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV006247.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VV006247.D (-319) (-)

2.19

150000

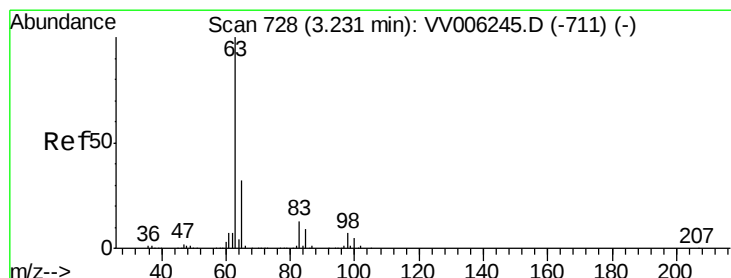
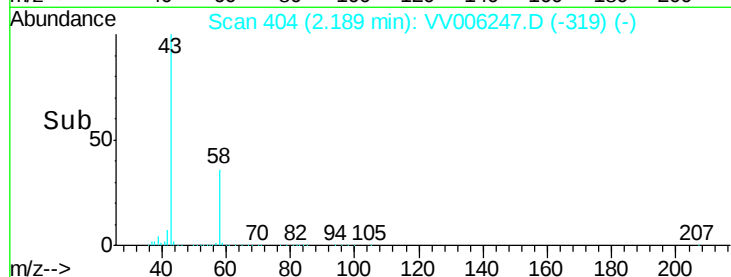
100000

50000

0

2.10 2.15 2.20 2.25

Time-->



#19

1,1-Dichloroethane

Concen: 0.220 ug/L

RT: 3.23 min Scan# 728

Delta R.T. -0.00 min

Lab File: VV006247.D

Acq: 12 Jun 2018 14:46

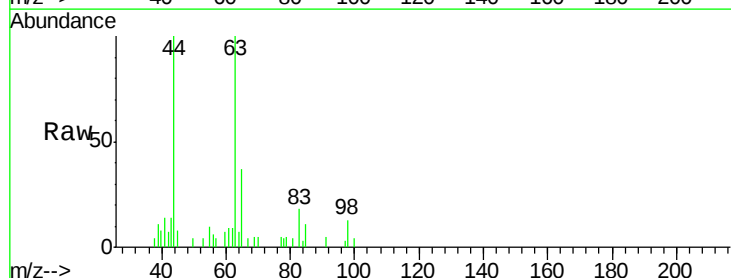
Tgt Ion: 63 Resp: 6940

Ion Ratio Lower Upper

63 100

65 36.6 22.3 41.3

83 18.4 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV006247.D (-635) (-)

Ion 65.10 (64.80 to 65.80): VV006247.D (-635) (-)

Ion 83.05 (82.75 to 83.75): VV006247.D (-635) (-)

3.23

4000

3000

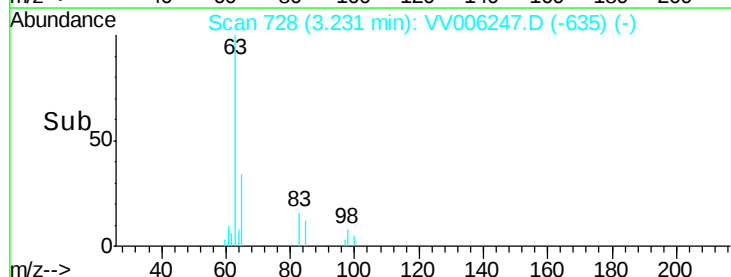
2000

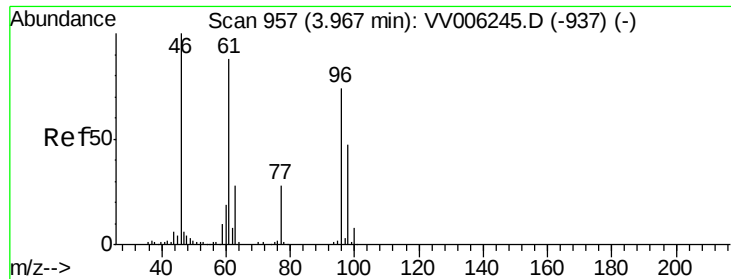
1000

0

3.15 3.20 3.25 3.30

Time-->



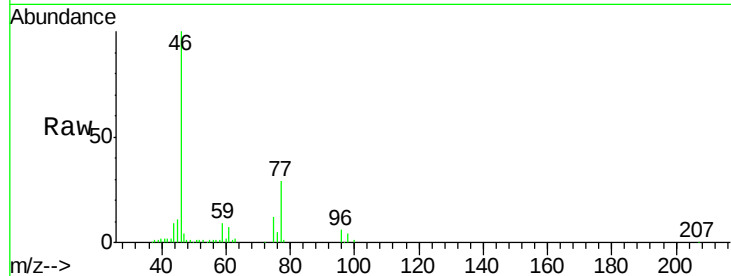


#22

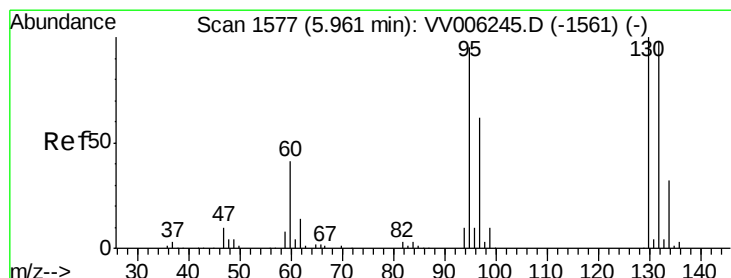
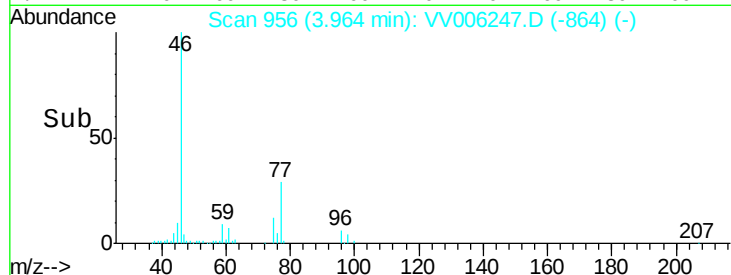
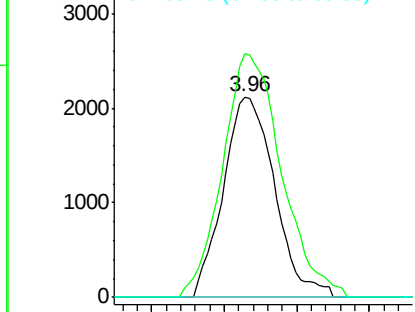
cis-1,2-Dichloroethene
Concen: 0.256 ug/L
RT: 3.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

Instrument :
MSVOA_V
ClientSampleId :
DAWS3DL2

Tot Ion: 96 Resp: 5205
Ion Ratio Lower Upper
96 100
61 121.5 84.1 156.3
68 0.0 0.3 0.5#



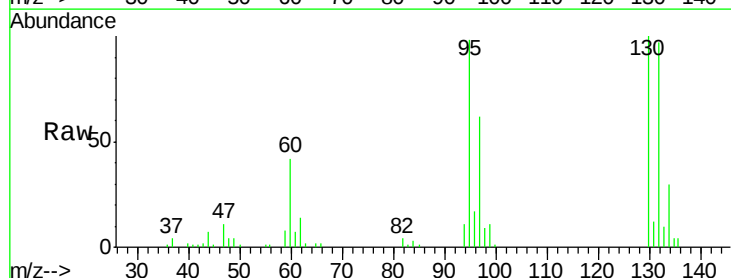
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



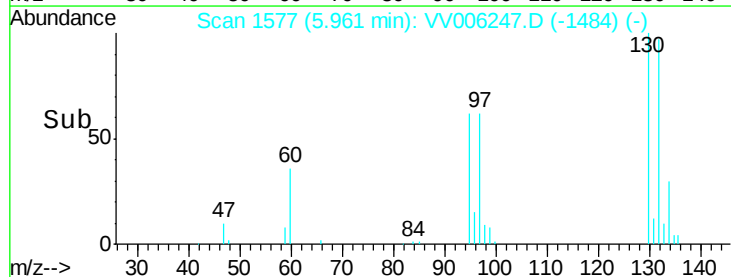
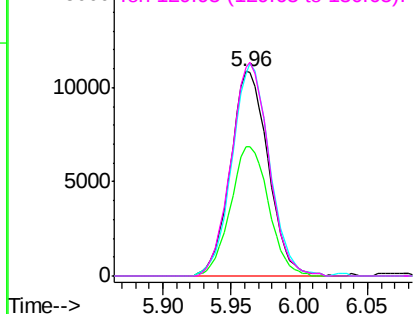
#34

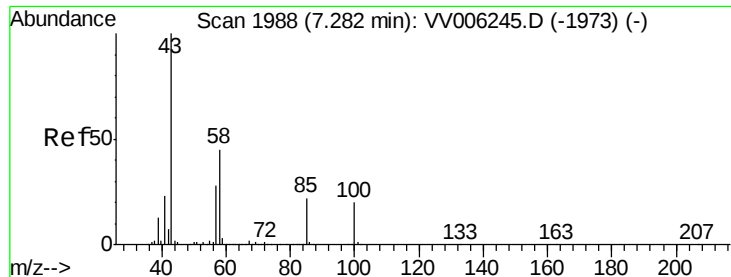
Trichloroethene
Concen: 1.037 ug/L
RT: 5.96 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

Tgt Ion: 95 Resp: 20957
Ion Ratio Lower Upper
95 100
97 63.0 45.1 83.9
132 99.3 69.0 128.1
130 102.5 72.8 135.2



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0

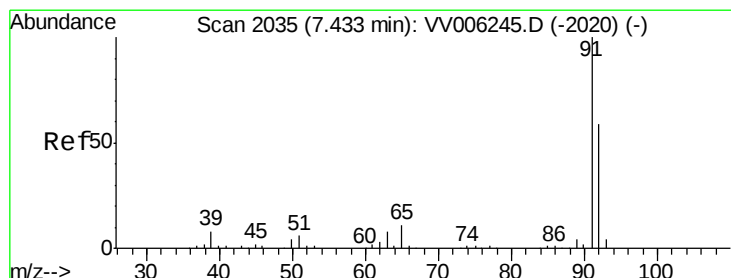
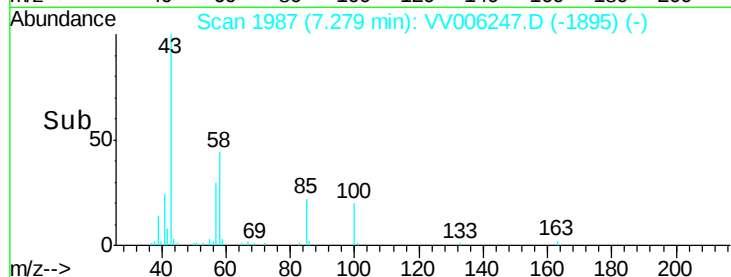
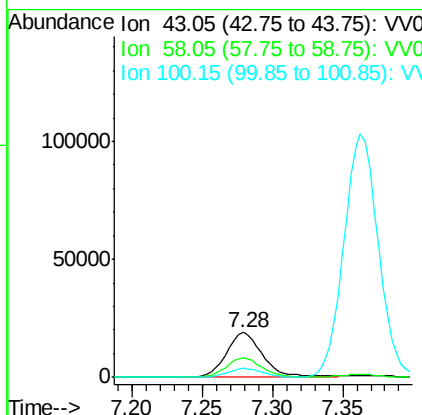
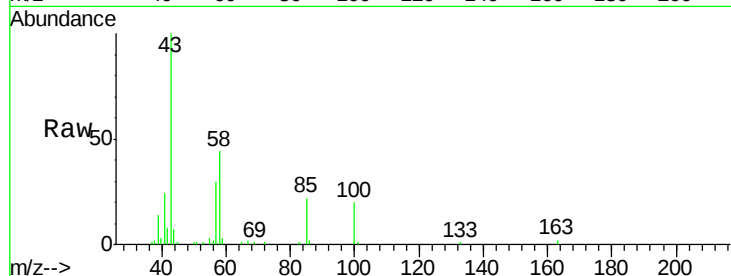




#40
4-Methyl-2-pentanone
Concen: 3.660 ug/L
RT: 7.28 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

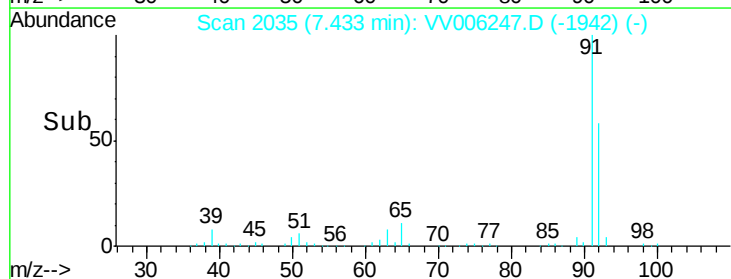
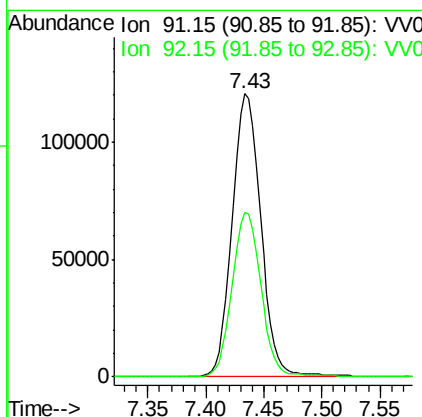
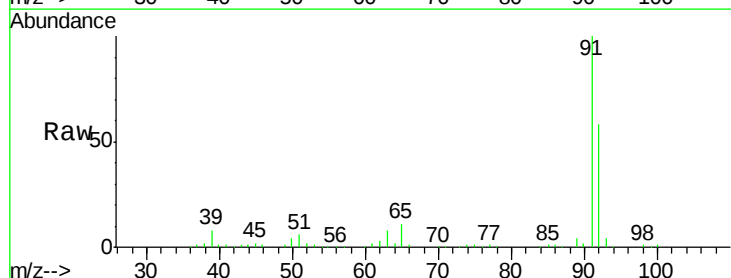
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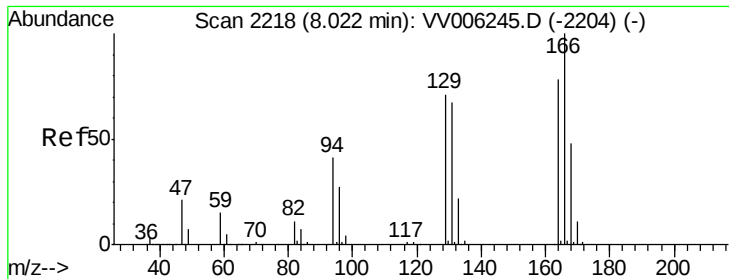
Tot Ion: 43 Resp: 33572
Ion Ratio Lower Upper
43 100
58 44.2 36.0 54.0
100 19.4 15.4 23.2



#42
Toluene
Concen: 2.527 ug/L
RT: 7.43 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

Tgt Ion: 91 Resp: 206460
Ion Ratio Lower Upper
91 100
92 58.2 41.1 76.3

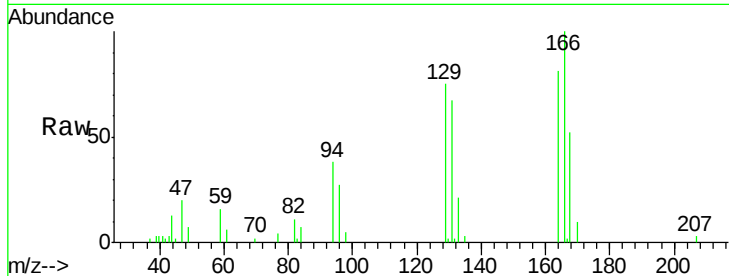




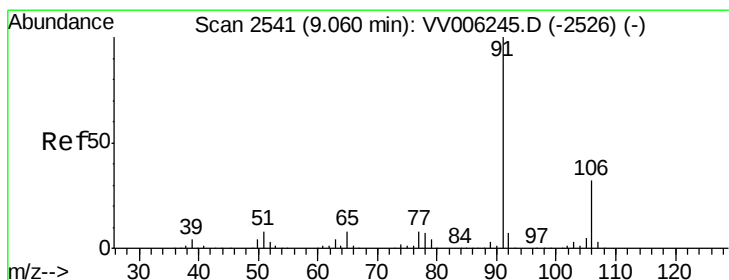
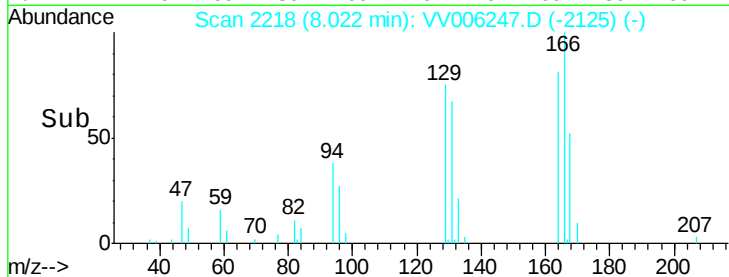
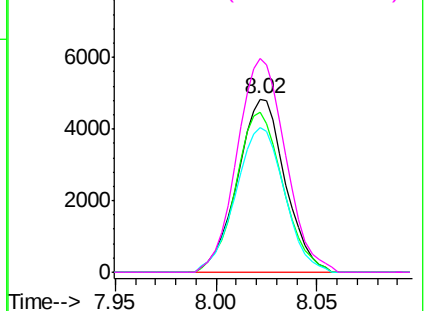
#47
Tetrachloroethene
Concen: 0.494 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

Instrument :
MSVOA_V
ClientSampleId :
DAWS3DL2

Tot Ion:164 Resp: 7987
Ion Ratio Lower Upper
164 100
129 92.1 62.7 116.5
131 83.3 61.0 113.2
166 123.4 89.5 166.3

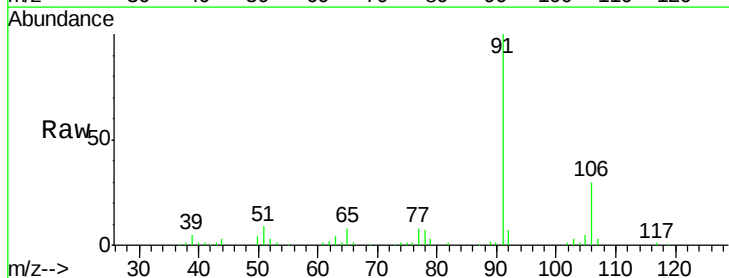


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

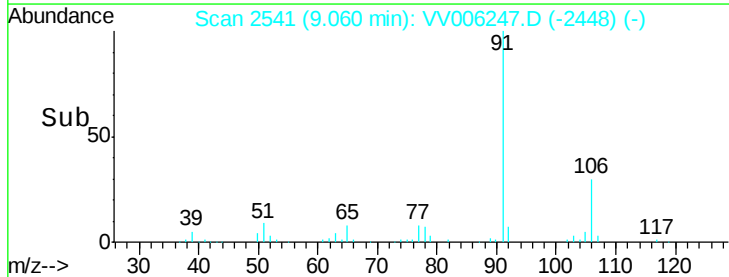
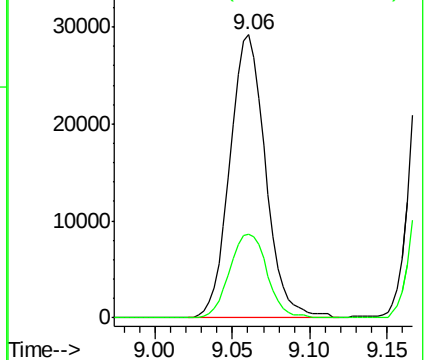


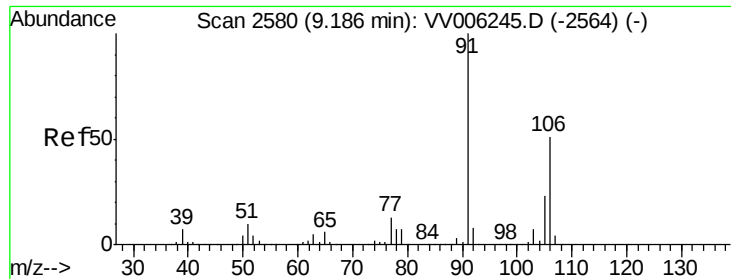
#52
Ethylbenzene
Concen: 0.514 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. -0.00 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

Tgt Ion: 91 Resp: 46788
Ion Ratio Lower Upper
91 100
106 29.6 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 1.796 ug/L

RT: 9.18 min Scan# 2579

Delta R.T. -0.00 min

Lab File: VV006247.D

Acq: 12 Jun 2018 14:46

Instrument :

MSVOA_V

ClientSampleId :

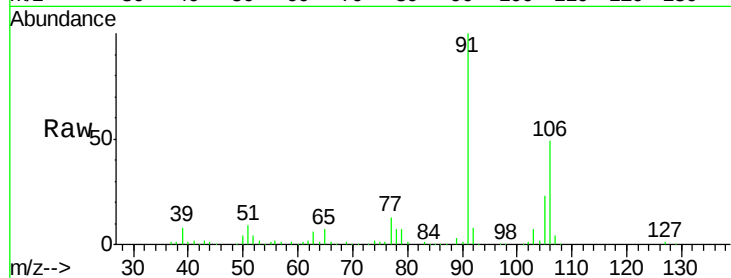
DAWS3DL2

Tot Ion:106 Resp: 63802

Ion Ratio Lower Upper

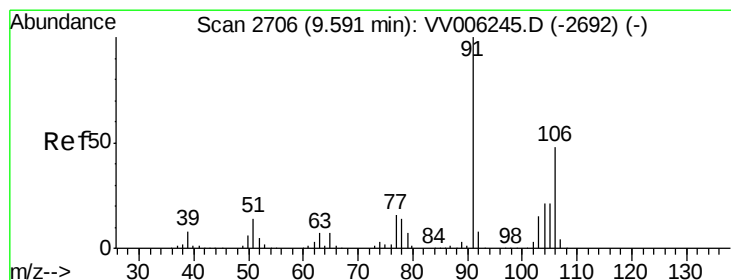
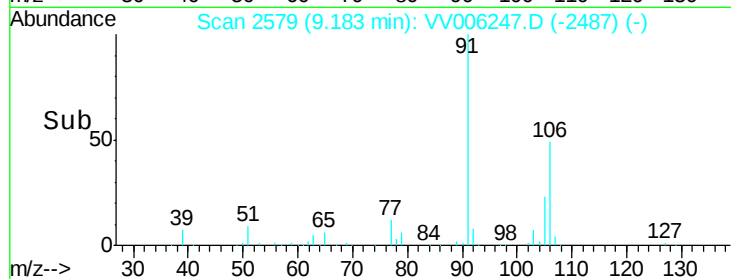
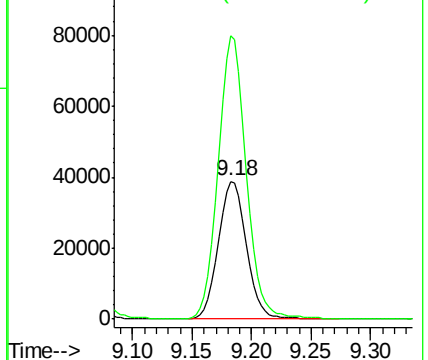
106 100

91 205.5 139.7 259.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 1.659 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV006247.D

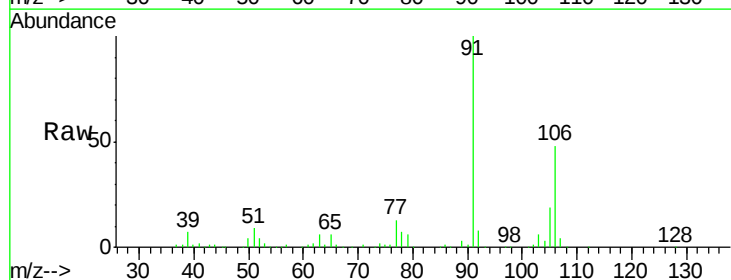
Acq: 12 Jun 2018 14:46

Tgt Ion:106 Resp: 57636

Ion Ratio Lower Upper

106 100

91 208.9 147.9 274.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

