

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

Instrument :
 MSVOA_V
 ClientSampleId :
 DAWS3DL2

Quant Time: Jun 13 01:21:33 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

						Qvalue
13) Acetone	2.19	43	217904	115.53	ug/L	97
15) Methyl Acetate	2.19	43	191773	34.16	ug/L #	45
16) Methylene chloride	2.54	84	13262	0.70	ug/L	98
19) 1,1-Dichloroethane	3.23	63	6940	0.22	ug/L	91
21) 2-Butanone	4.03	43	5021	1.46	ug/L #	72
22) cis-1,2-Dichloroethene	3.96	96	5205	0.26	ug/L #	99
33) Benzene	5.15	78	37568	0.51	ug/L	100
34) Trichloroethene	5.96	95	20957	1.04	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	33572	3.66	ug/L	99
42) Toluene	7.43	91	206460	2.53	ug/L	99
47) Tetrachloroethene	8.02	164	7987	0.49	ug/L	96
48) 2-Hexanone	8.19	43	16161	2.51	ug/L #	75
49) Dibromochloromethane	8.02	129	6951	0.44	ug/L #	10
52) Ethylbenzene	9.06	91	46788	0.51	ug/L	97
53) m,p-xylene	9.18	106	63802	1.80	ug/L	96
54) o-xylene	9.59	106	57636	1.66	ug/L	98
69) Naphthalene	13.56	128	26547	0.64	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 13 01:21:06 2018
Response via : Initial Calibration

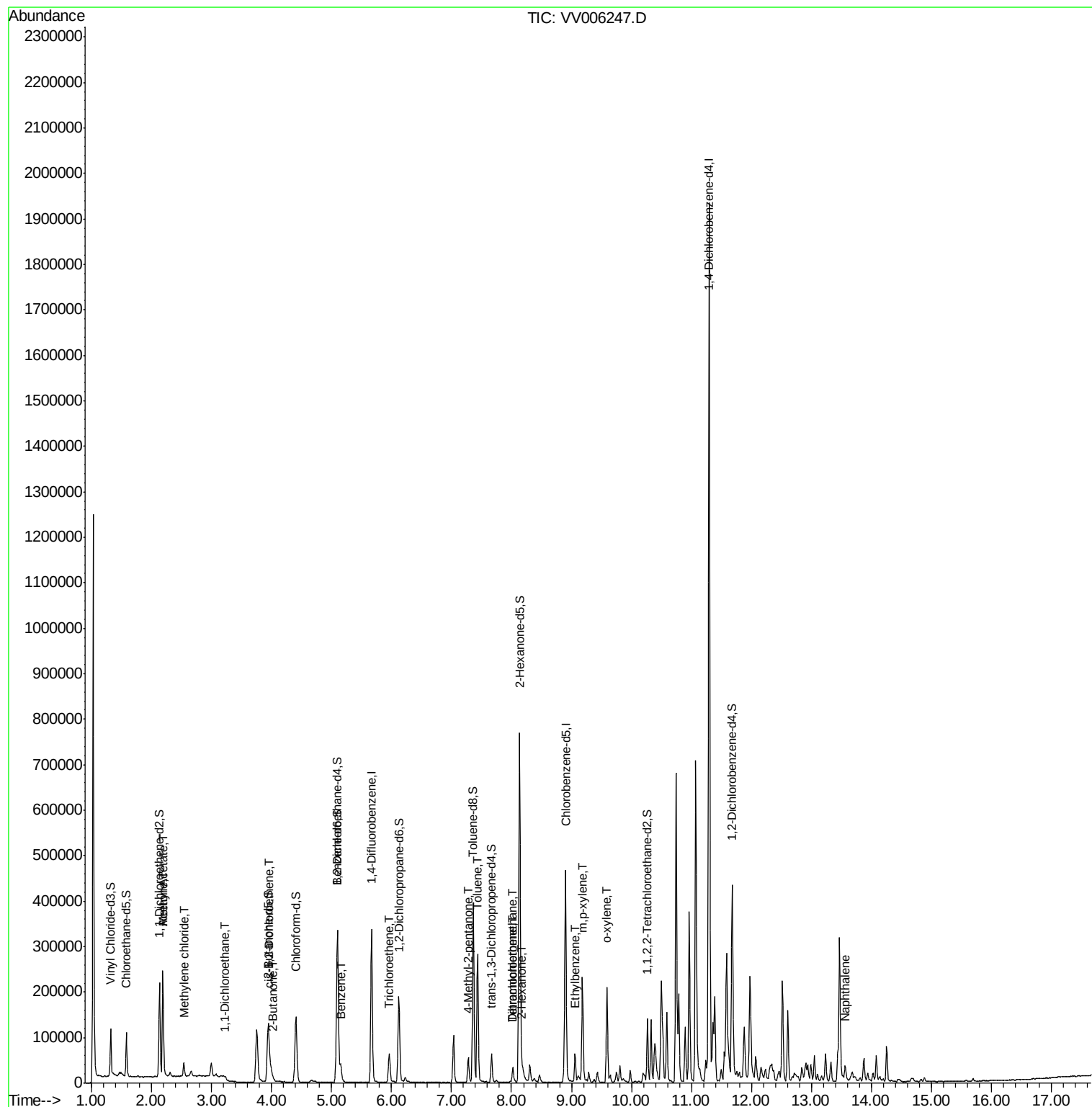
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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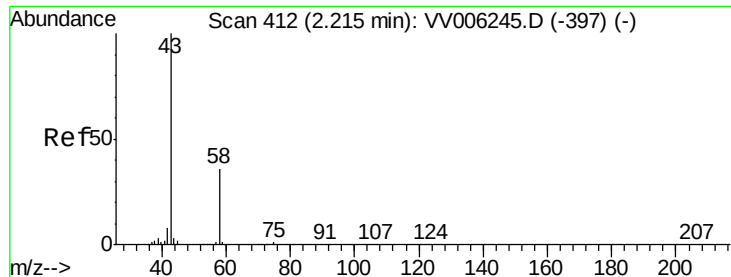
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV061218\
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 13 01:21:06 2018
Response via : Initial Calibration





#13

Acetone

Concen: 115.53 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 :

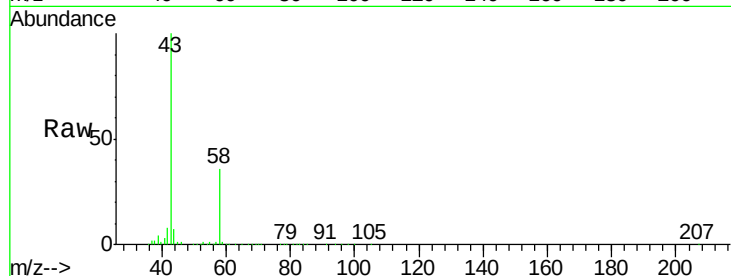
DAWS3DL2

Tgt Ion: 43 Resp: 217904

Ion Ratio Lower Upper

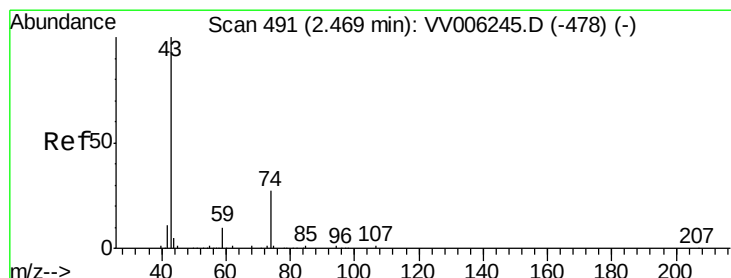
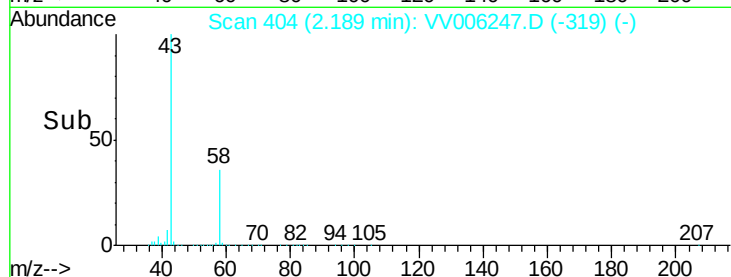
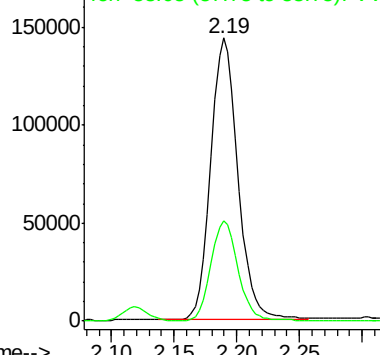
43 100

58 35.3 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 34.16 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.28 min

Lab File: VV006247.D

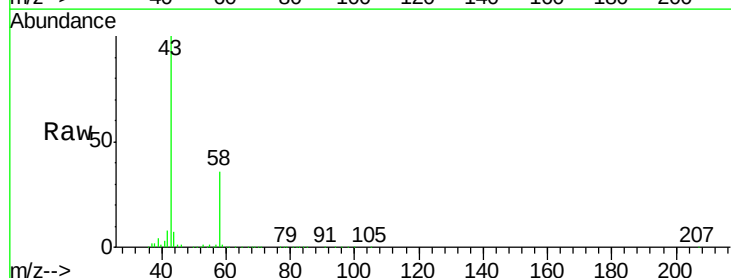
Acq: 12 Jun 2018 14:46

Tgt Ion: 43 Resp: 191773

Ion Ratio Lower Upper

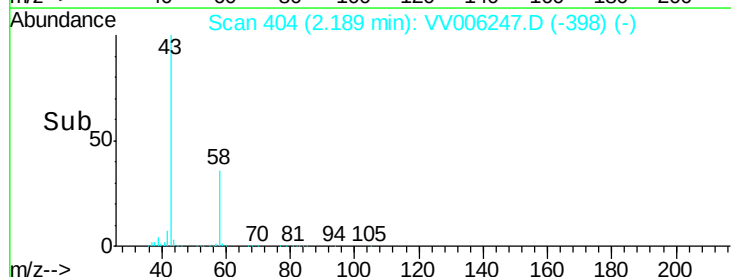
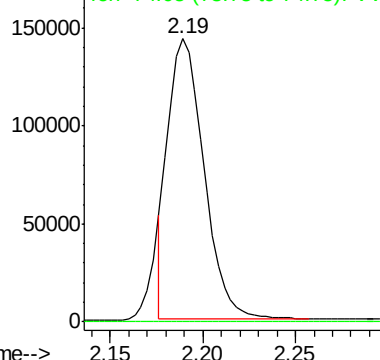
43 100

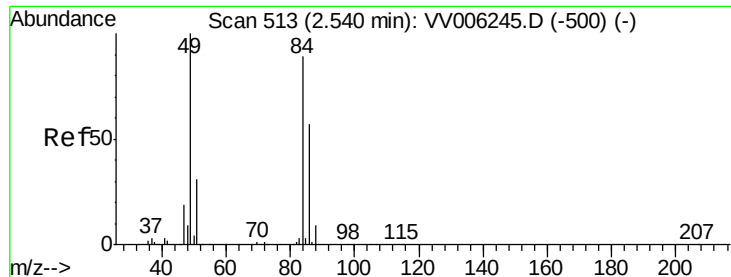
74 0.0 23.4 35.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

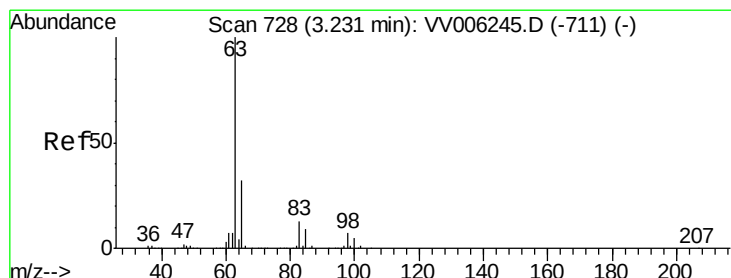
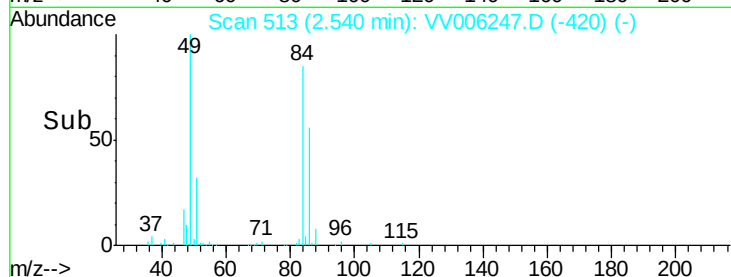
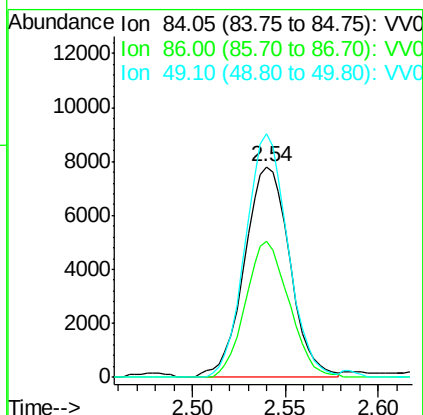
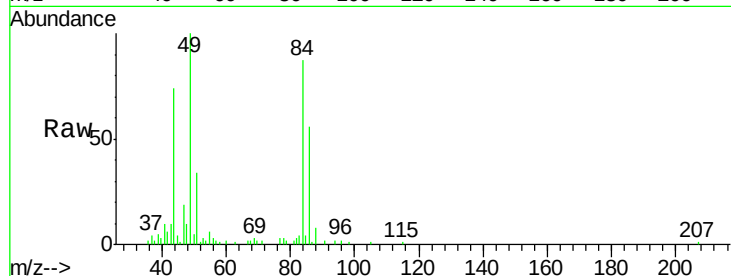




#16
Methylene chloride
Concen: 0.70 ug/L
RT: 2.54 min Scan# 513
Delta R.T. -0.00 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

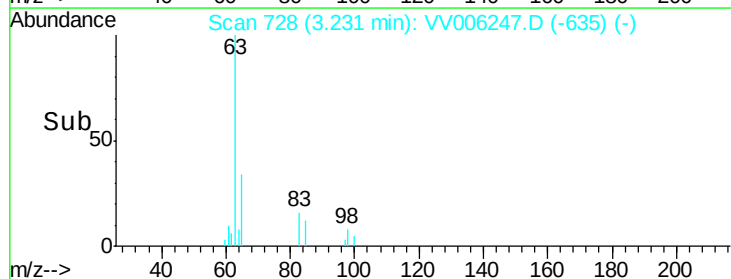
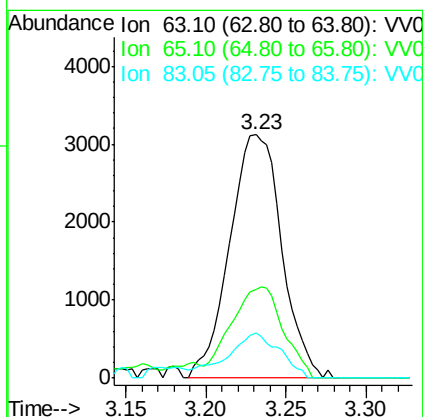
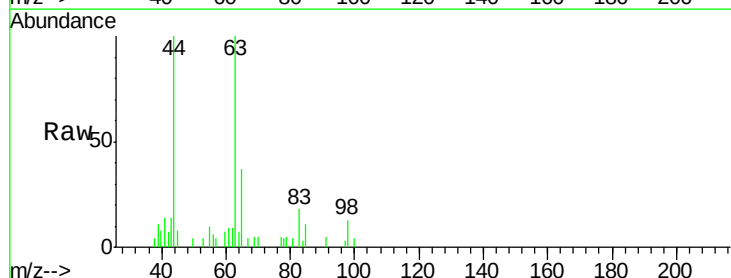
Instrument :
MSVOA_V
ClientSampleId :
DAWS3DL2

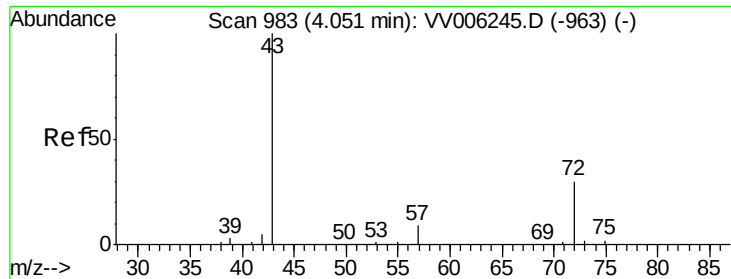
Tgt Ion: 84 Resp: 13262
Ion Ratio Lower Upper
84 100
86 64.3 44.2 82.0
49 115.5 78.8 146.4



#19
1,1-Dichloroethane
Concen: 0.22 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





#21

2-Butanone

Concen: 1.46 ug/L

RT: 4.03 min Scan# 977

Delta R.T. -0.02 min

Lab File: VV006247.D

Acq: 12 Jun 2018 14:46

Instrument :

MSVOA_V

ClientSampled :

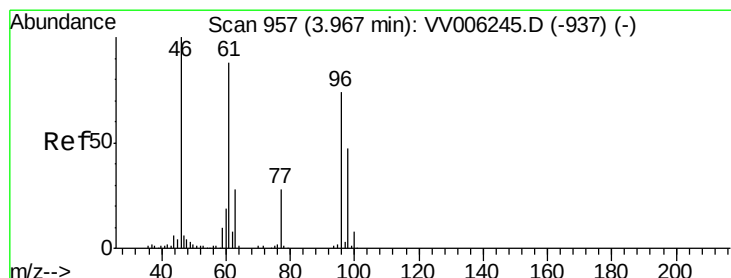
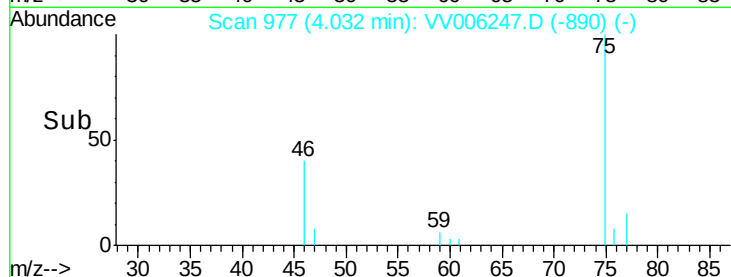
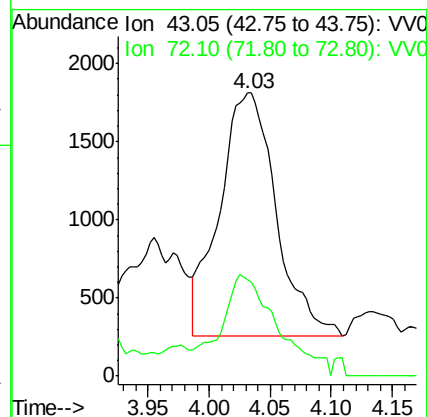
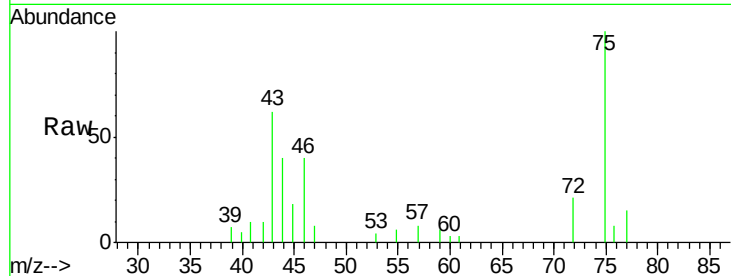
DAWS3DL2

Tgt Ion: 43 Resp: 5021

Ion Ratio Lower Upper

43 100

72 42.1 13.8 41.3#



#22

cis-1,2-Dichloroethene

Concen: 0.26 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV006247.D

Acq: 12 Jun 2018 14:46

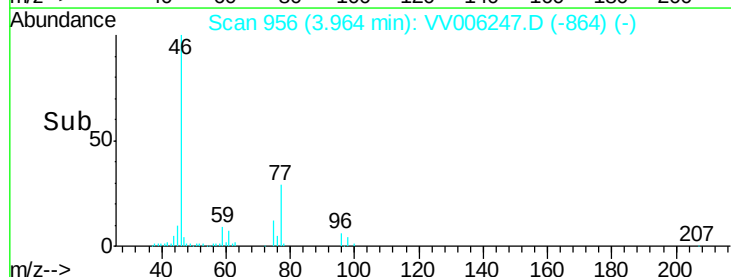
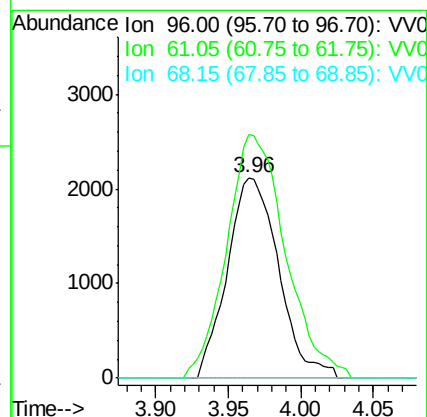
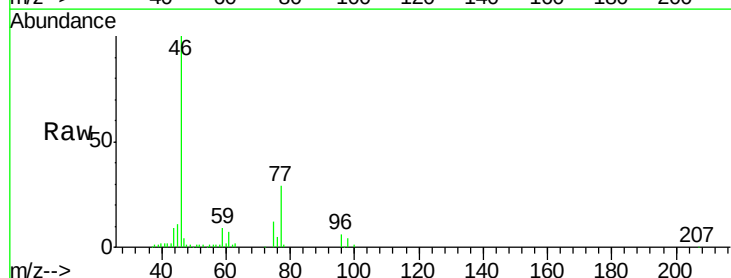
Tgt Ion: 96 Resp: 5205

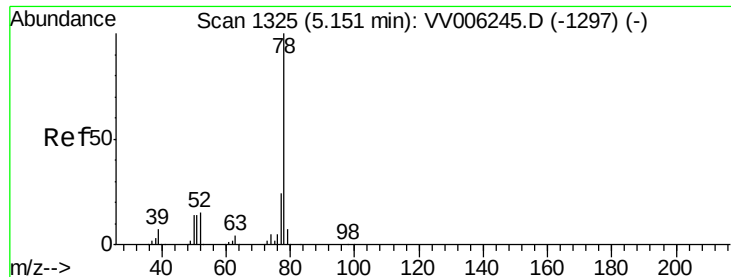
Ion Ratio Lower Upper

96 100

61 121.5 84.1 156.3

68 0.0 0.3 0.5#

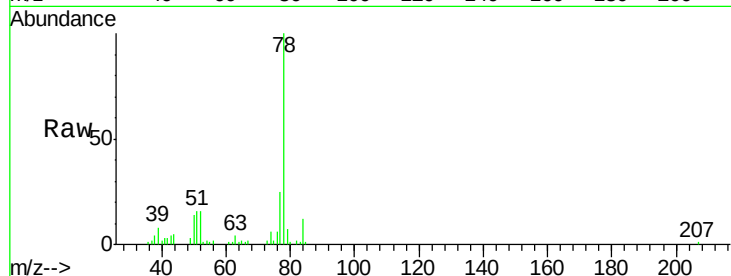




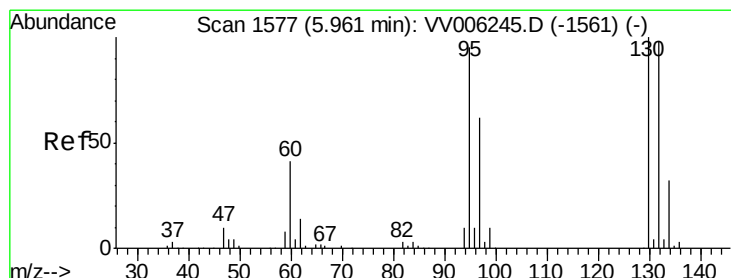
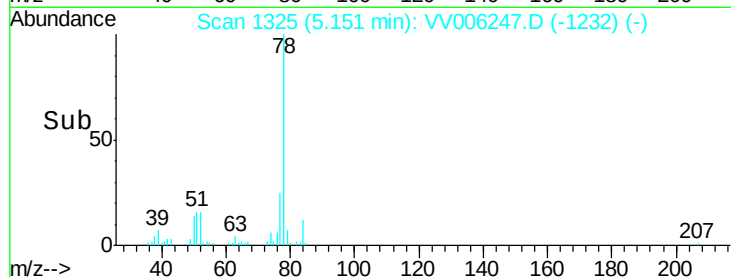
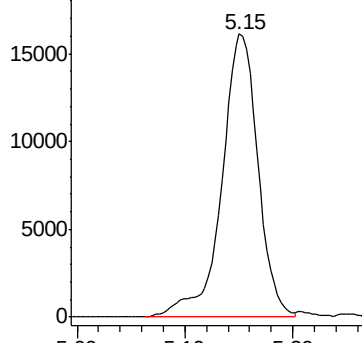
#33
Benzene
Concen: 0.51 ug/L
RT: 5.15 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

Instrument :
MSVOA_V
ClientSampleId :
DAWS3DL2

Tgt Ion: 78 Resp: 37568

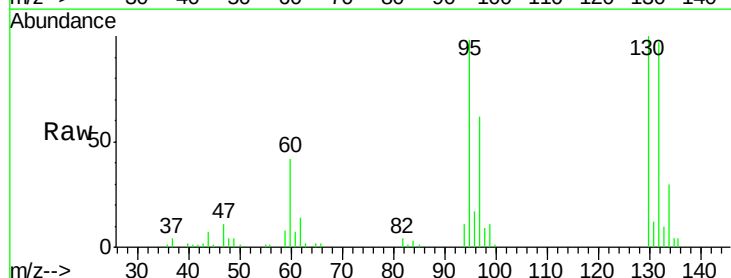


Abundance Ion 78.10 (77.80 to 78.80): VV0



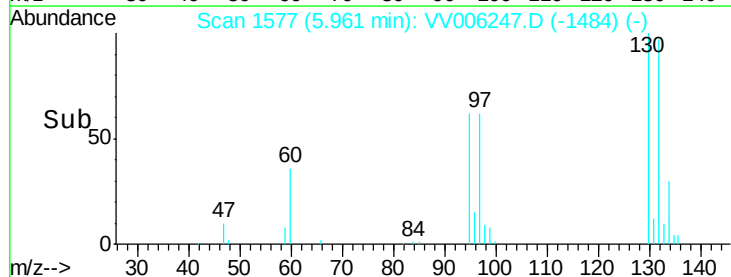
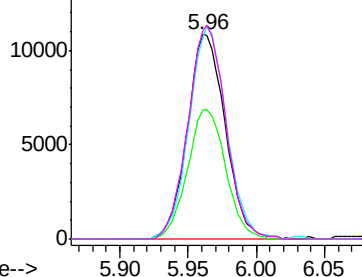
#34
Trichloroethene
Concen: 1.04 ug/L
RT: 5.96 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

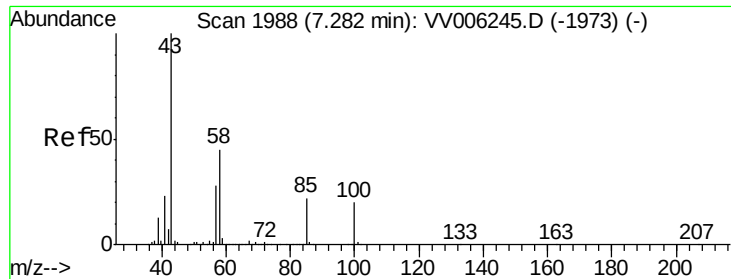
Tgt Ion: 95 Resp: 20957
Ion Ratio Lower Upper
95 100
97 63.0 45.1 83.9
132 99.3 69.0 128.1
130 102.5 72.8 135.2



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

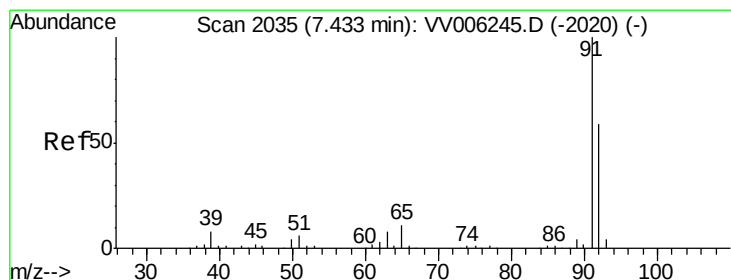
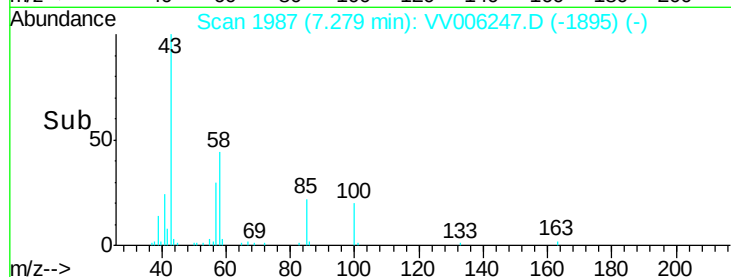
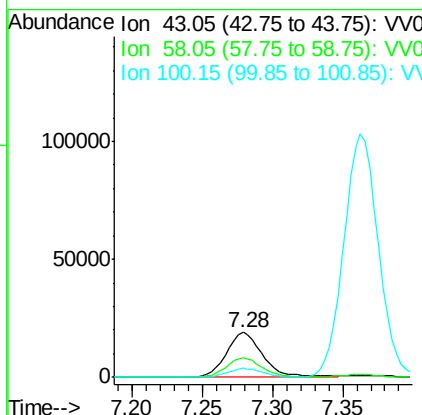
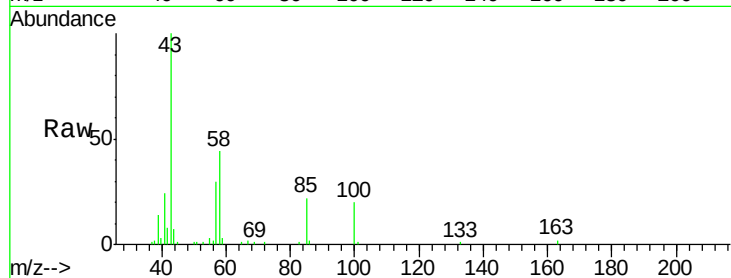




#40
4-Methyl-2-pentanone
Concen: 3.66 ug/L
RT: 7.28 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

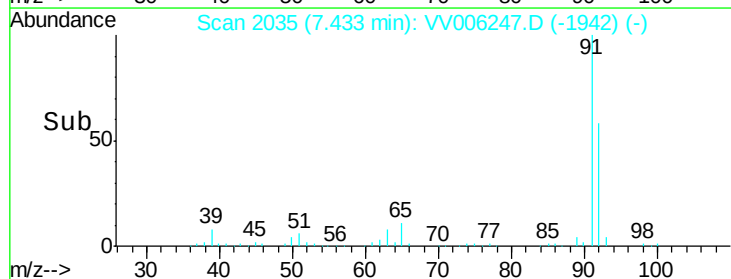
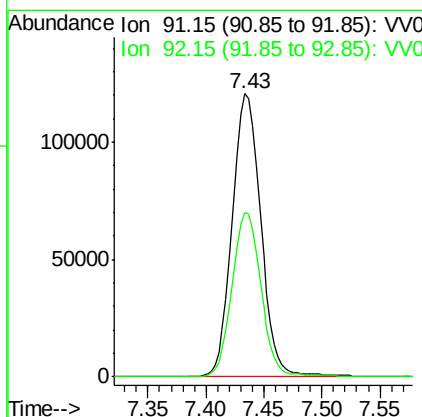
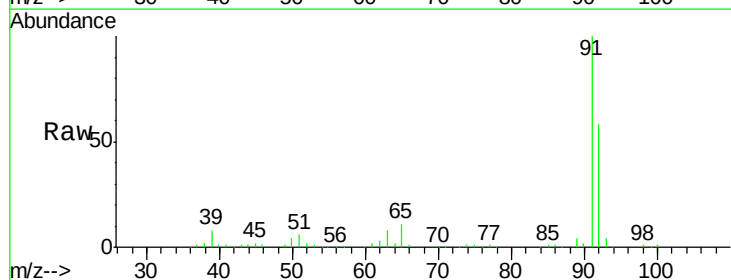
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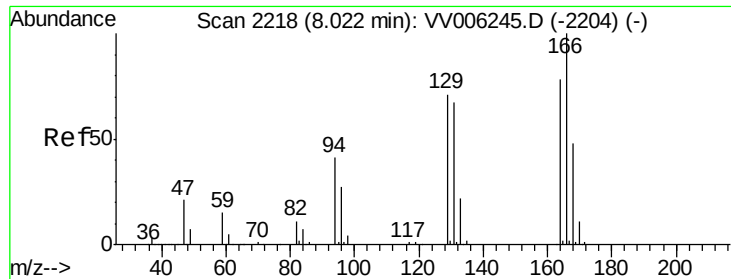
Tgt Ion: 43 Resp: 33572
Ion Ratio Lower Upper
43 100
58 44.2 36.0 54.0
100 19.4 15.4 23.2



#42
Toluene
Concen: 2.53 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

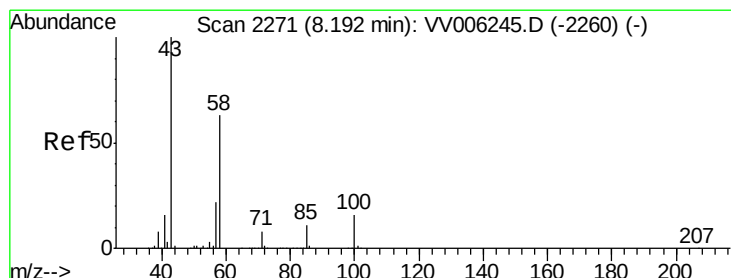
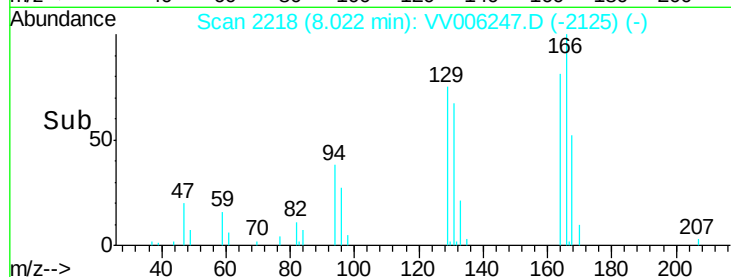
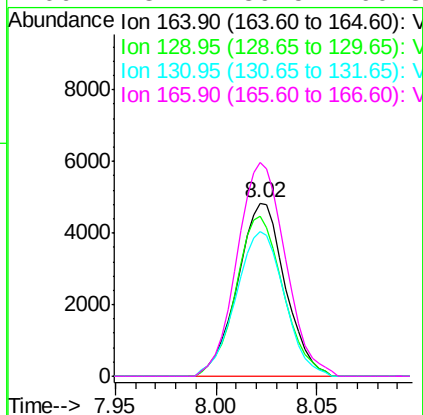
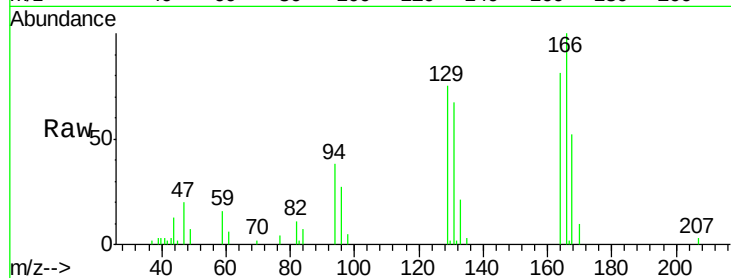




#47
Tetrachloroethene
Concen: 0.49 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

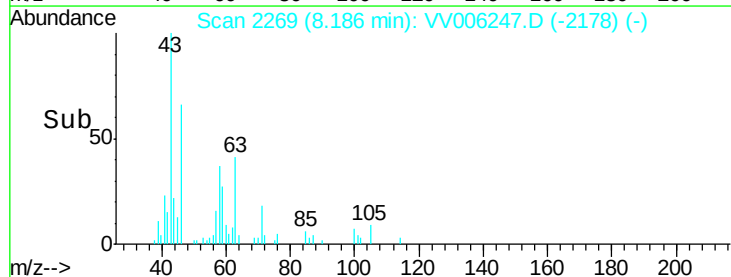
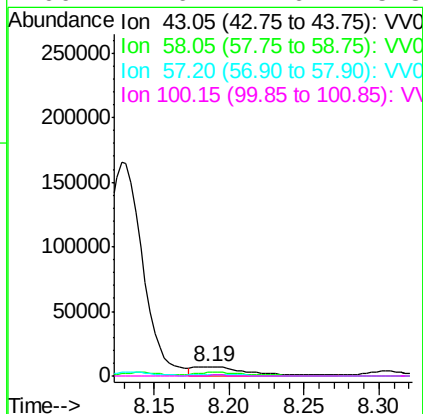
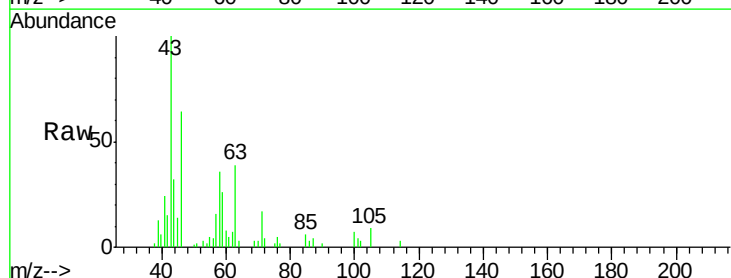
Instrument :
MSVOA_V
ClientSampleId :
DAWS3DL2

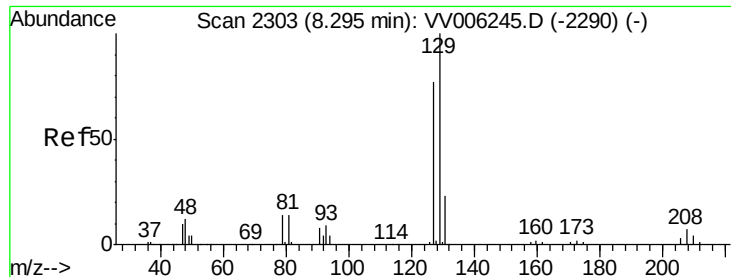
Tgt Ion:	164	Resp:	7987
Ion	Ratio	Lower	Upper
164	100		
129	92.1	62.7	116.5
131	83.3	61.0	113.2
166	123.4	89.5	166.3



#48
2-Hexanone
Concen: 2.51 ug/L
RT: 8.19 min Scan# 2269
Delta R.T. -0.01 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

Tgt Ion:	43	Resp:	16161
Ion	Ratio	Lower	Upper
43	100		
58	36.7	48.6	72.8#
57	15.8	17.5	26.3#
100	7.6	12.6	18.8#

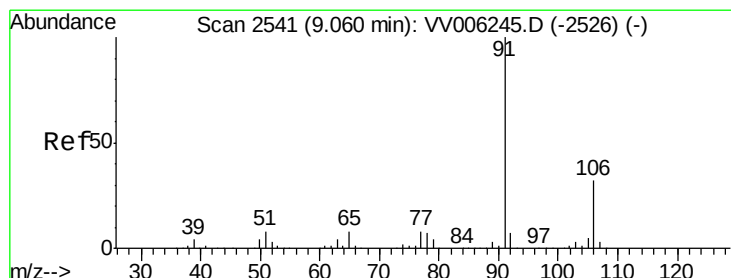
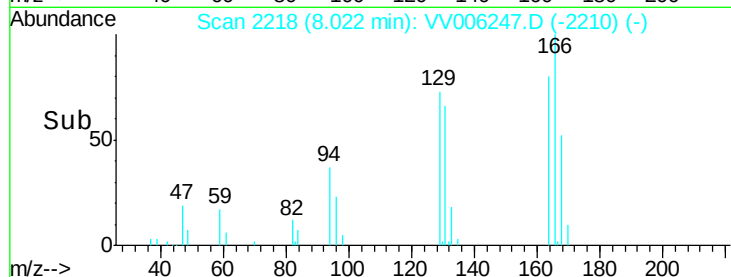
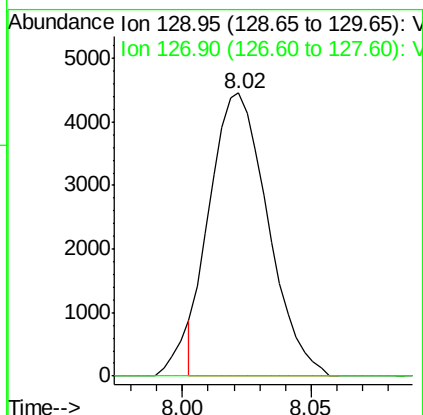
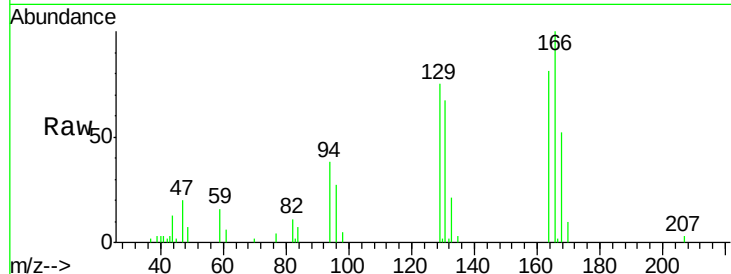




#49
Dibromochloromethane
Concen: 0.44 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006247.D
Acq: 12 Jun 2018 14:46

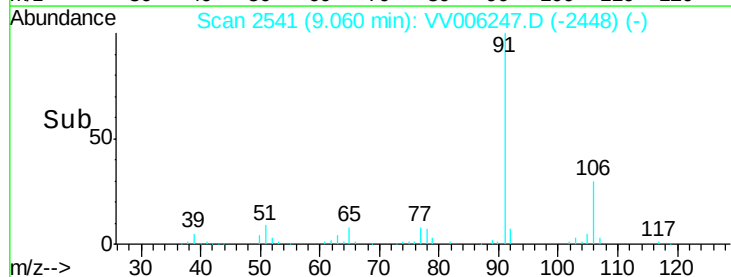
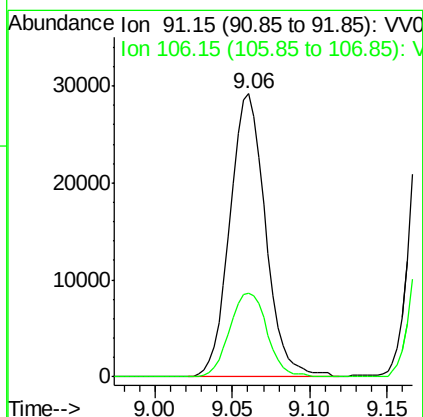
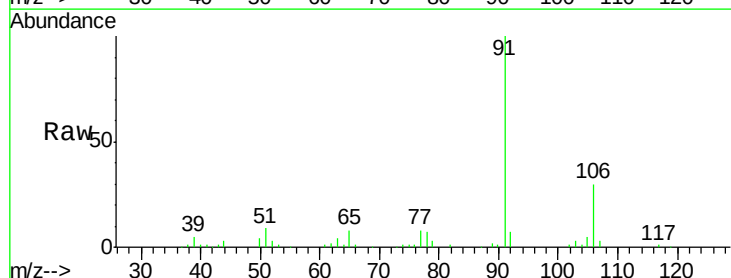
Instrument :
MSVOA_V
ClientSampleId :
DAWS3DL2

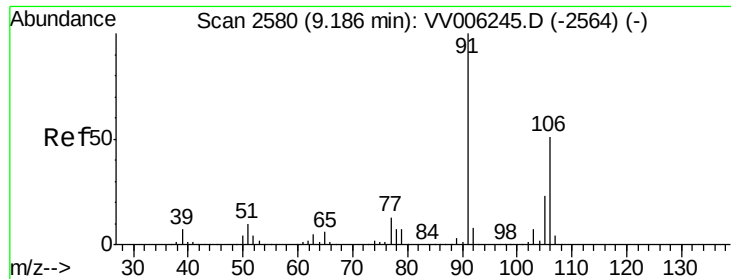
Tgt Ion:129 Resp: 6951
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#



#52
Ethylbenzene
Concen: 0.51 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





#53

m,p-xylene

Concen: 1.80 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 :

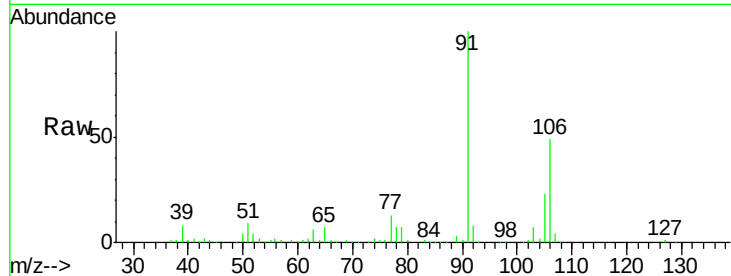
DAWS3DL2

Tgt Ion:106 Resp: 63802

Ion Ratio Lower Upper

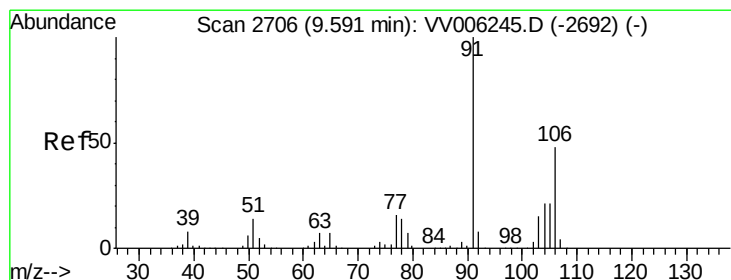
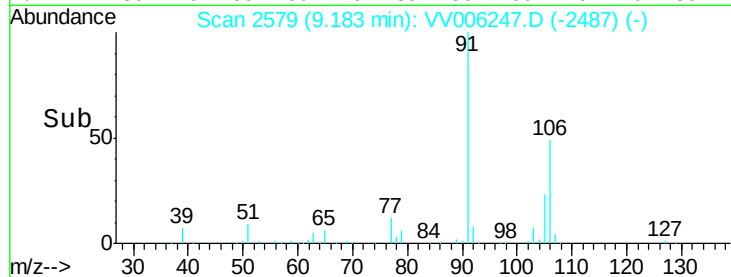
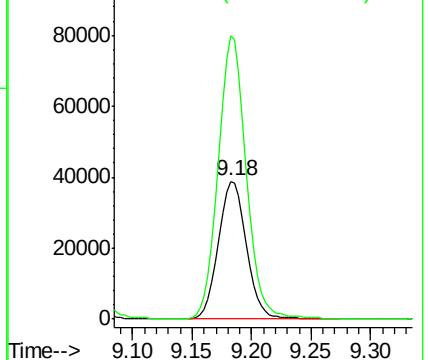
106 100

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: 1.66 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV006247.D

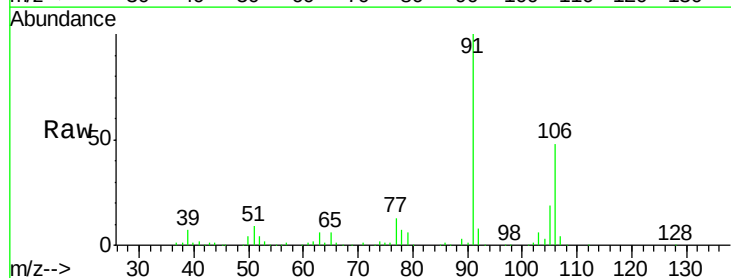
Acq: 12 Jun 2018 14:46

Tgt Ion:106 Resp: 57636

Ion Ratio Lower Upper

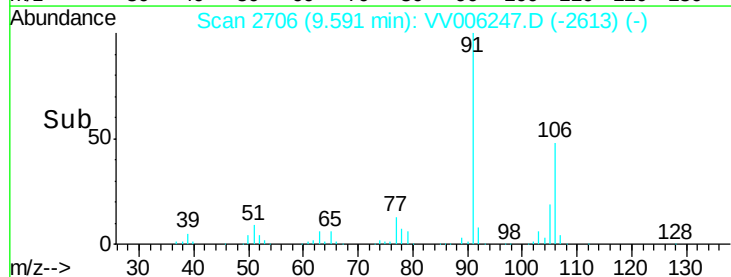
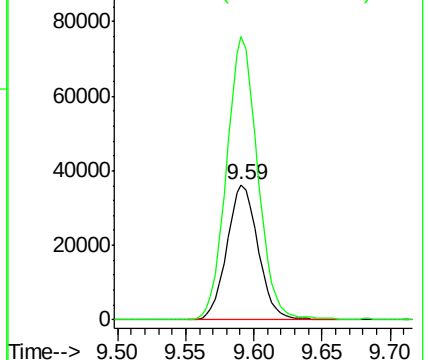
106 100

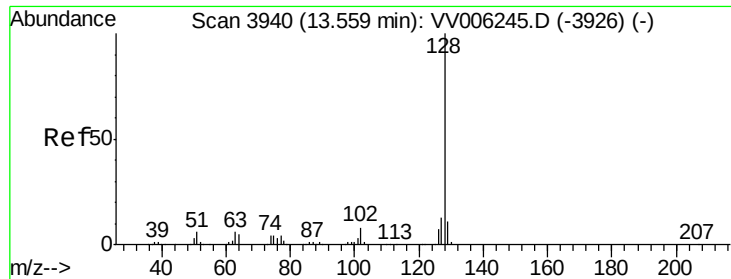
91 208.9 147.9 274.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#69

Naphthalene

Concen: 0.64 ug/L

RT: 13.56 min Scan# 3941

Delta R.T. 0.00 min

Lab File: VV006247.D

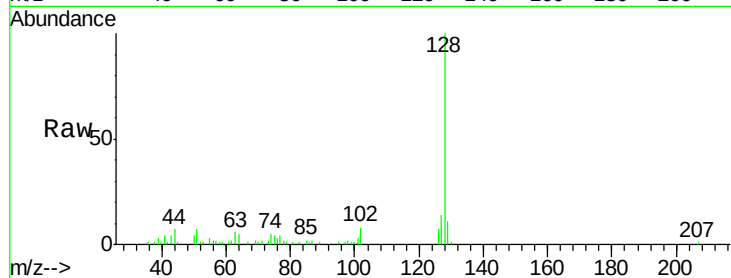
Acq: 12 Jun 2018 14:46

Instrument :

MSVOA_V

ClientSampleId :

DAWS3DL2



Tgt Ion:128 Resp: 26547

Ion Ratio Lower Upper

128 100

129 11.8 8.7 13.1

127 13.7 10.1 15.1

