

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007978.D
 Acq On : 29 Sep 2018 02:45
 Operator : SY/MD
 Sample : J5159-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC88

Quant Time: Oct 01 04:57:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 04:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87956	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40772	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17614	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.59	69	17574	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.14	63	30853	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	3.96	46	68607	48.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.74%
24) Chloroform-d	4.41	84	47914	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.09	65	26398	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	89860	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.13	67	28739	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.36	98	83228	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	7.67	79	8738	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.14	63	48051	44.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22095	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	36325	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

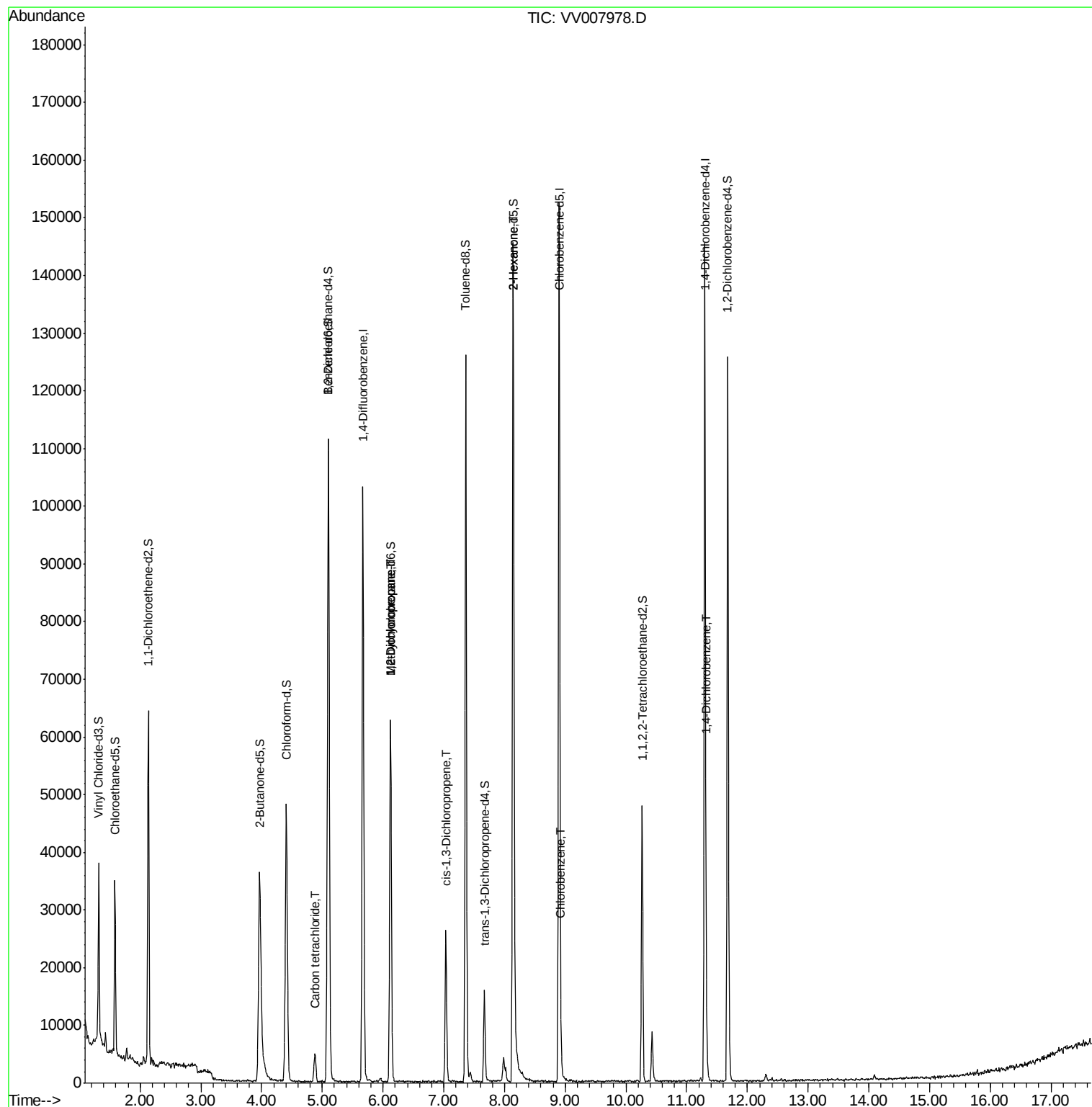
					Ovalue
31) Carbon tetrachloride	4.88	117	3847	0.430 ug/L	92
35) Methylcyclohexane	6.12	83	6937	0.668 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3547	0.574 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	617	0.075 ug/L #	60
48) 2-Hexanone	8.14	43	6994	2.592 ug/L #	74
51) Chlorobenzene	8.93	112	2597	0.143 ug/L #	82
63) 1,4-Dichlorobenzene	11.32	146	1447	0.103 ug/L	88

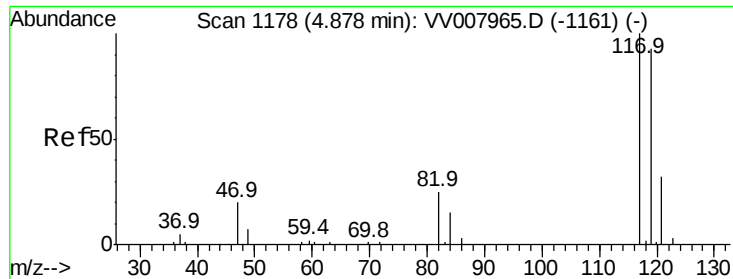
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#31

Carbon tetrachloride

Concen: 0.430 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VV007978.D

Acq: 29 Sep 2018 02:45

Instrument :

MSVOA_V

ClientSampleId :

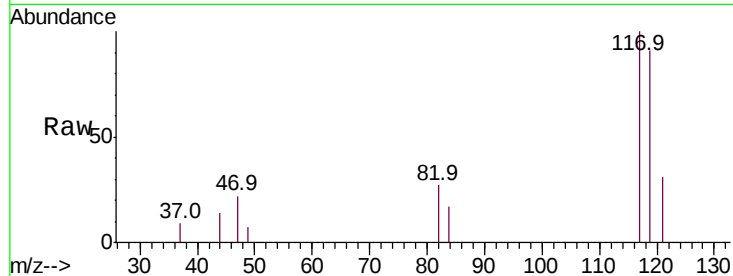
GAC88

Tot Ion:117 Resp: 3847

Ion Ratio Lower Upper

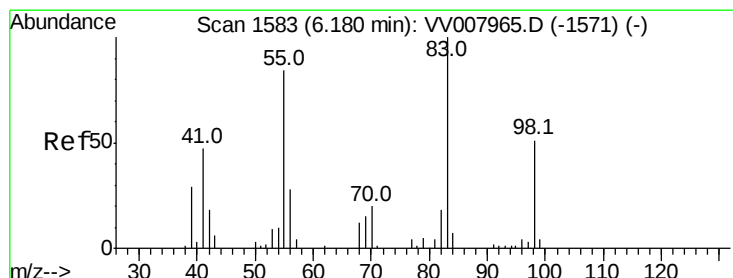
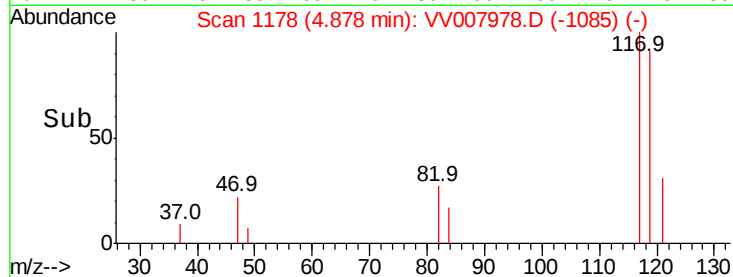
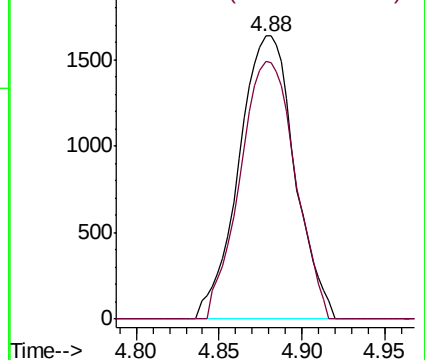
117 100

119 89.7 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.668 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007978.D

Acq: 29 Sep 2018 02:45

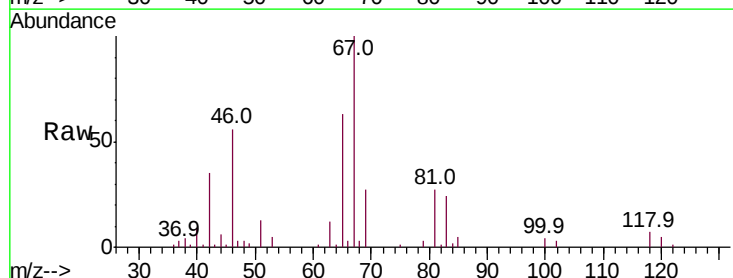
Tgt Ion: 83 Resp: 6937

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

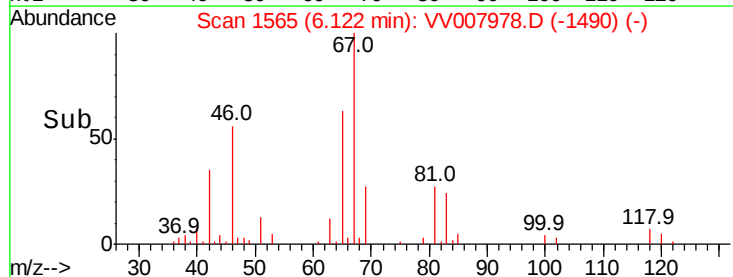
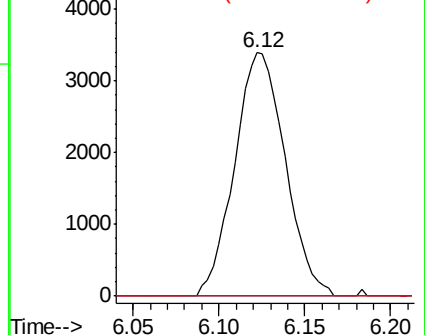
98 0.0 38.0 57.0#

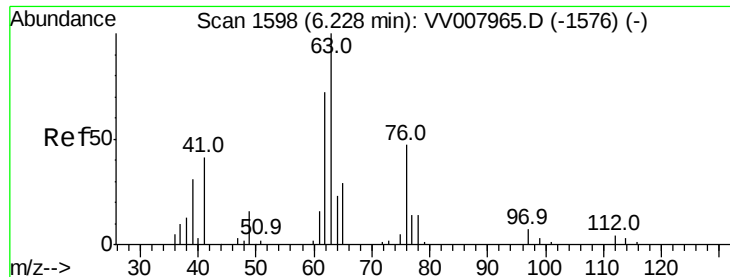


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.11 min

Lab File: VV007978.D

Acq: 29 Sep 2018 02:45

Instrument :

MSVOA_V

ClientSampleId :

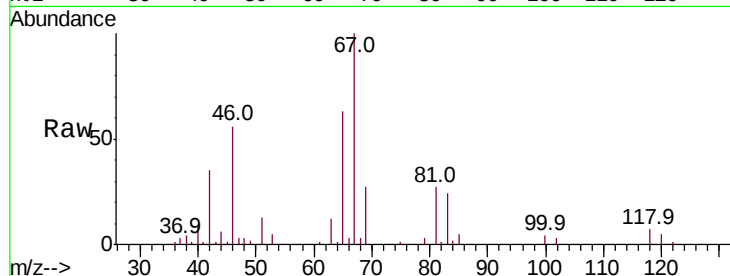
GAC88

Tot Ion: 63 Resp: 3547

Ion Ratio Lower Upper

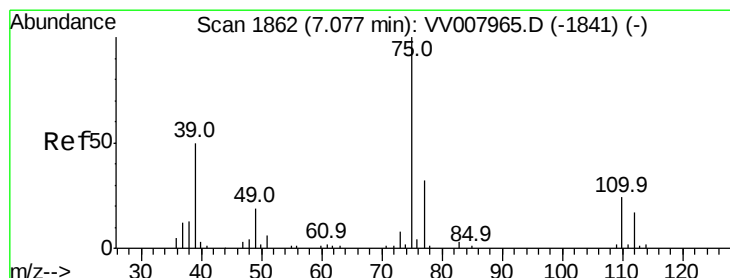
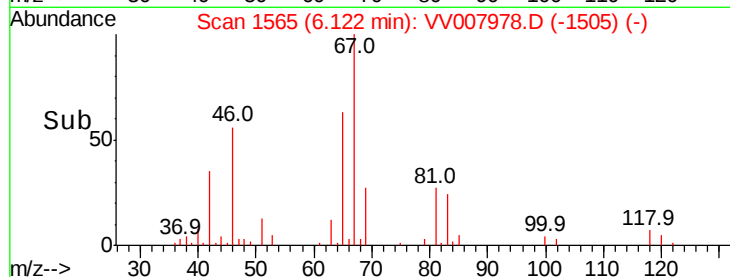
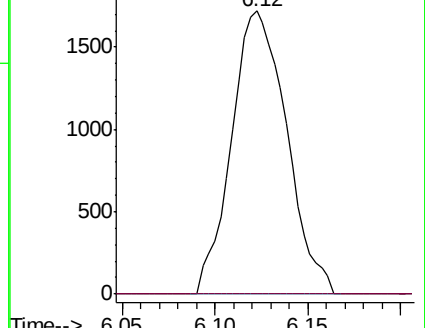
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007965.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV007965.D (-1576) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007978.D

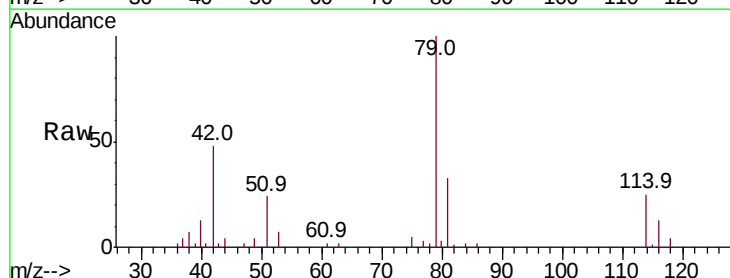
Acq: 29 Sep 2018 02:45

Tgt Ion: 75 Resp: 617

Ion Ratio Lower Upper

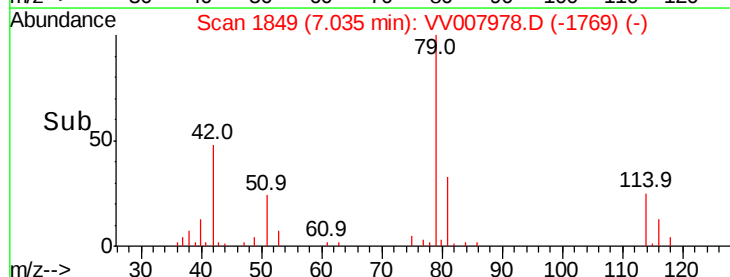
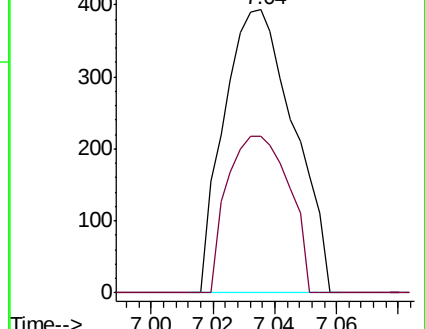
75 100

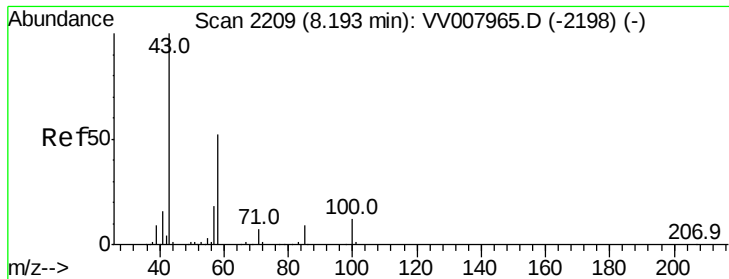
77 55.5 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007965.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV007965.D (-1841) (-)

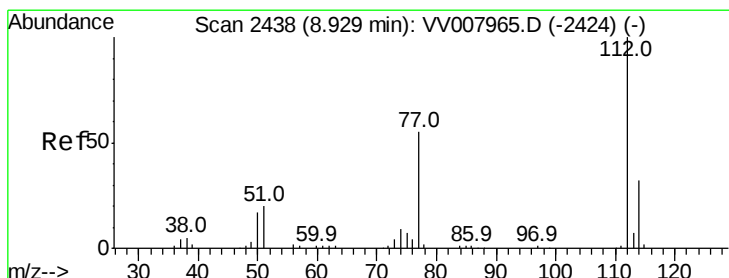
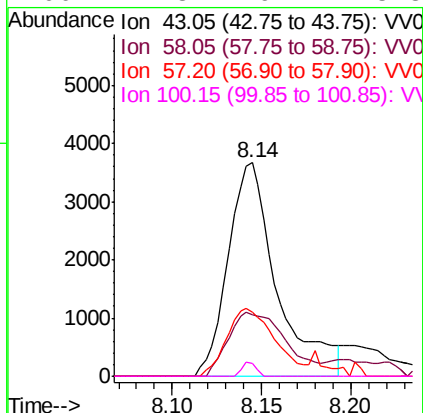
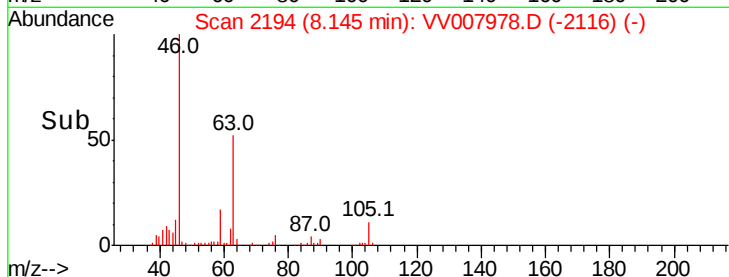
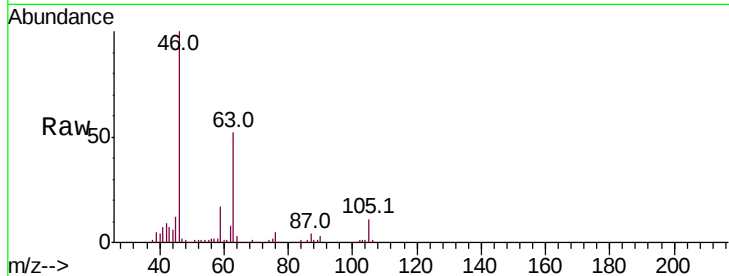




#48
2-Hexanone
Concen: 2.592 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.05 min
Lab File: VV007978.D
Acq: 29 Sep 2018 02:45

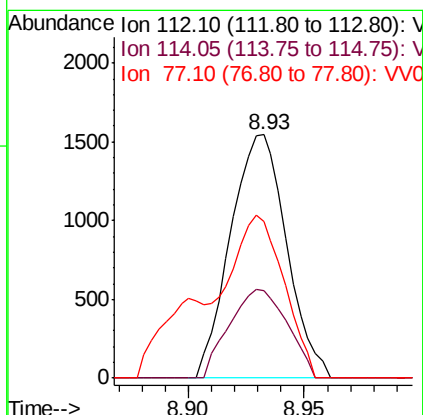
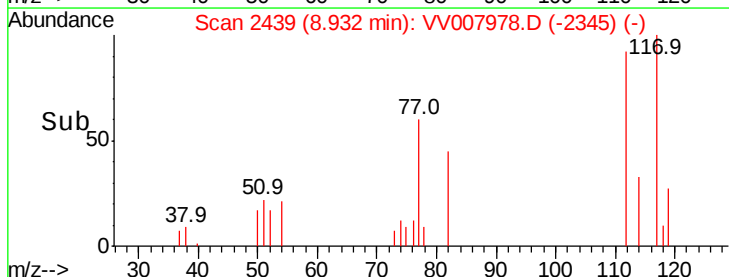
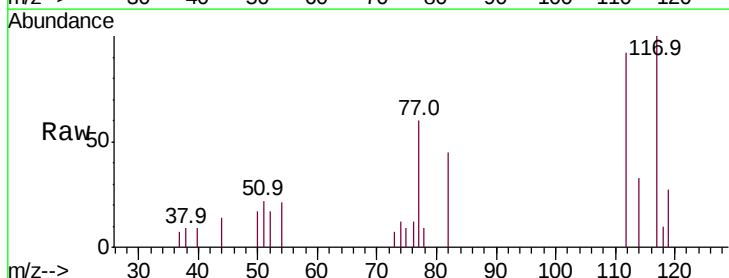
Instrument :
MSVOA_V
ClientSampled :
GAC88

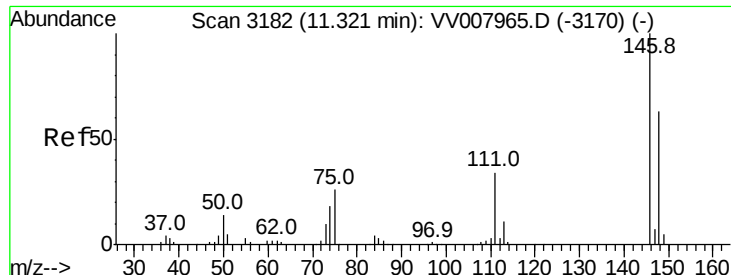
Tot Ion: 43 Resp: 6994
Ion Ratio Lower Upper
43 100
58 35.5 41.9 62.9#
57 31.5 14.3 21.5#
100 1.8 9.2 13.8#



#51
Chlorobenzene
Concen: 0.143 ug/L
RT: 8.93 min Scan# 2439
Delta R.T. 0.00 min
Lab File: VV007978.D
Acq: 29 Sep 2018 02:45

Tgt Ion: 112 Resp: 2597
Ion Ratio Lower Upper
112 100
114 36.1 22.4 41.6
77 73.7 45.0 67.6#





#63

1,4-Dichlorobenzene

Concen: 0.103 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007978.D

Acq: 29 Sep 2018 02:45

Instrument :

MSVOA_V

ClientSampleId :

GAC88

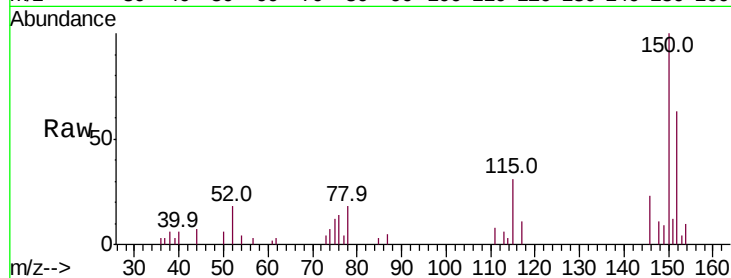
Tot Ion:146 Resp: 1447

Ion Ratio Lower Upper

146 100

111 37.4 25.3 47.1

148 49.7 44.7 82.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

