

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100318\
 Data File : VV008049.D
 Acq On : 03 Oct 2018 14:50
 Operator : SY/MD
 Sample : J5160-10DL 40X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 07:55:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 04 07:54:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84169	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81271	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39441	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21237	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.59	69	19367	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.14	63	35743	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.96	46	73852	54.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.84%
24) Chloroform-d	4.41	84	53808	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.09	65	28342	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	103087	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.13	67	33180	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.36	98	94442	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.67	79	11326	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.14	63	50003	47.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.66%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23857	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	39654	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

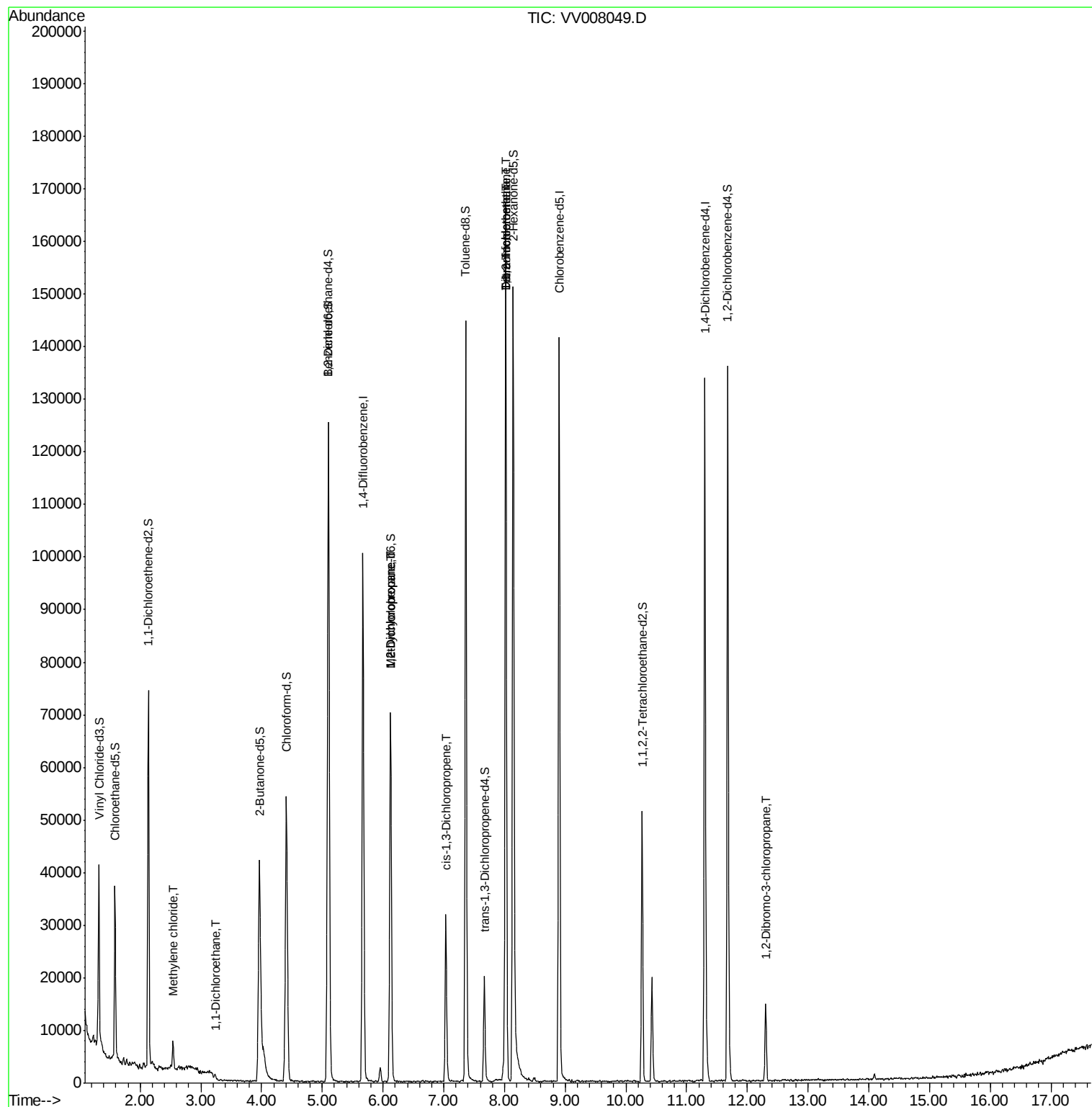
					Ovalue
16) Methylene chloride	2.54	84	1982	0.321 ug/L	92
19) 1,1-Dichloroethane	3.24	63	1129	0.108 ug/L #	74
35) Methylcyclohexane	6.12	83	7789	0.780 ug/L #	22
37) 1,2-Dichloropropane	6.13	63	3598	0.605 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	726	0.091 ug/L #	59
45) 1,1,2-Trichloroethane	8.01	97	346	0.081 ug/L #	25
47) Tetrachloroethene	8.02	164	39263	6.359 ug/L	98
49) Dibromochloromethane	8.02	129	32797	6.696 ug/L #	12
66) 1,2-Dibromo-3-chloropropan	12.30	75	453	0.724 ug/L #	1

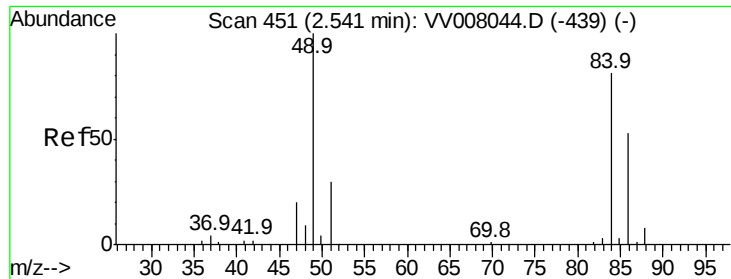
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 04 07:54:45 2018
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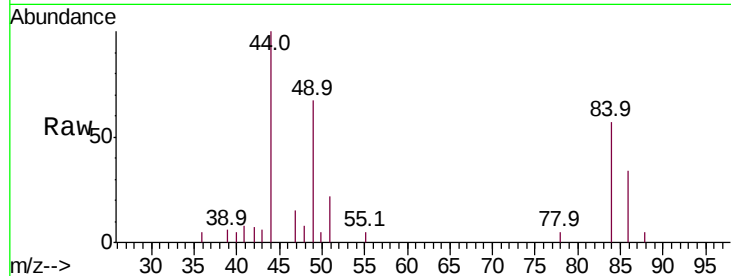




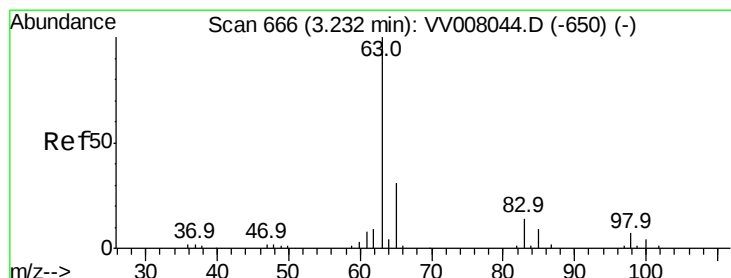
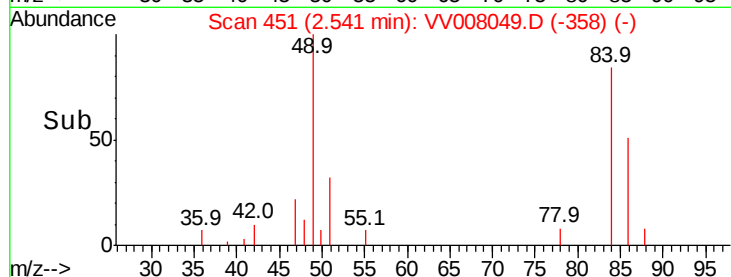
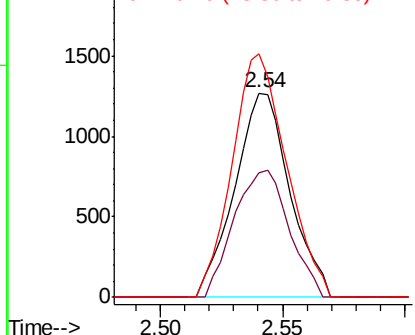
#16
Methvlene chloride
Concen: 0.321 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV008049.D
Acq: 03 Oct 2018 14:50

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 1982
Ion Ratio Lower Upper
84 100
86 60.8 47.3 87.8
49 119.2 90.0 167.2

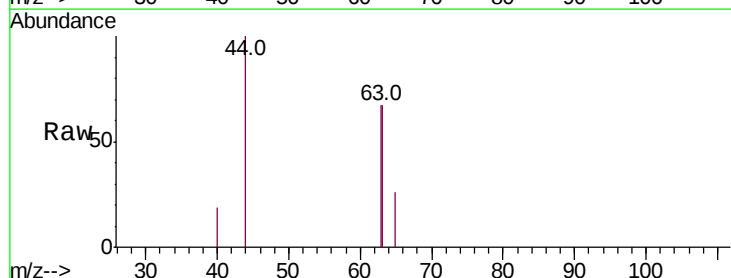


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

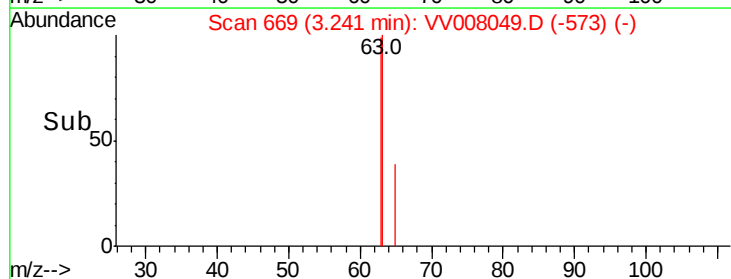
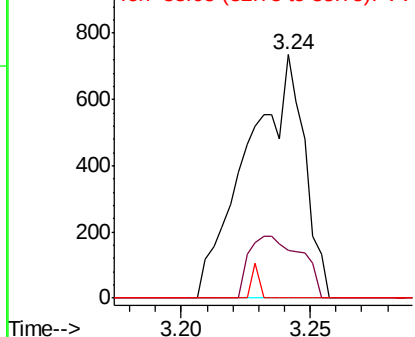


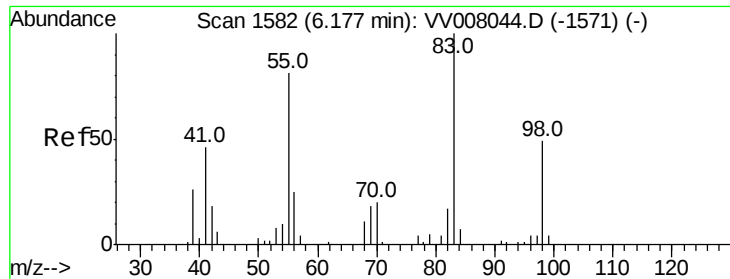
#19
1,1-Dichloroethane
Concen: 0.108 ug/L
RT: 3.24 min Scan# 669
Delta R.T. 0.01 min
Lab File: VV008049.D
Acq: 03 Oct 2018 14:50

Tgt Ion: 63 Resp: 1129
Ion Ratio Lower Upper
63 100
65 19.6 22.3 41.5#
83 0.0 9.8 18.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0

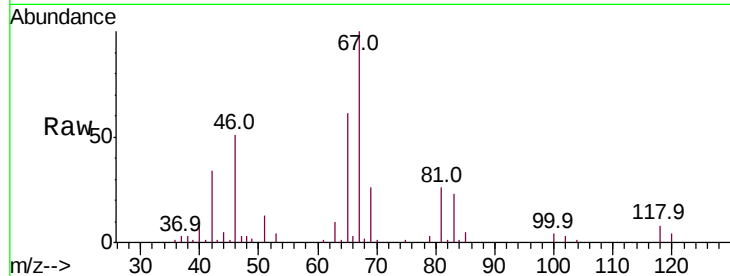




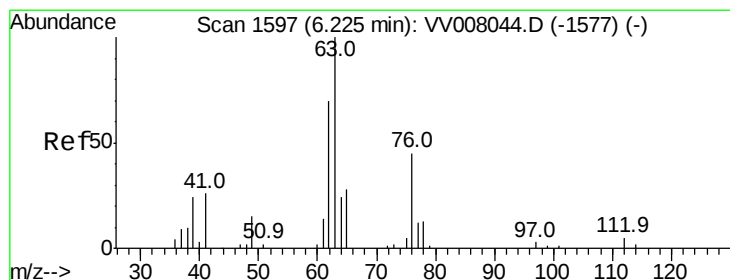
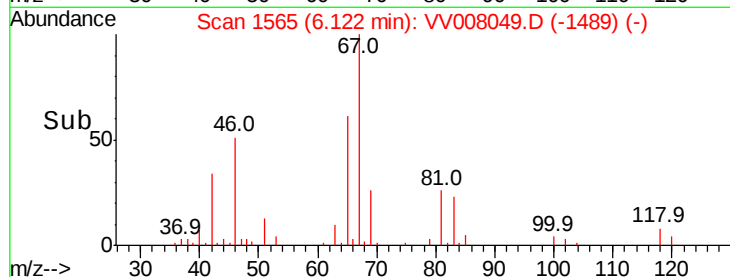
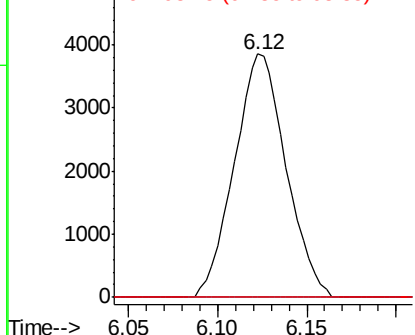
#35
Methvlcvclohexane
Concen: 0.780 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008049.D
Acq: 03 Oct 2018 14:50

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 7789
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 6.9 38.0 57.0#

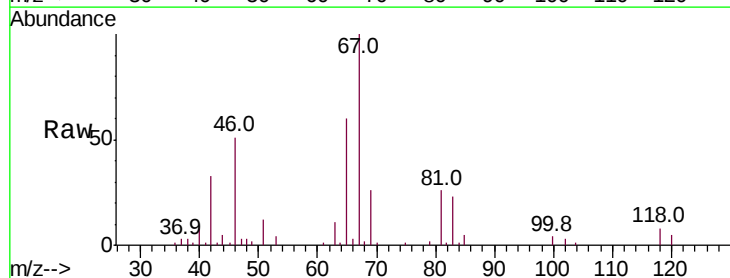


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

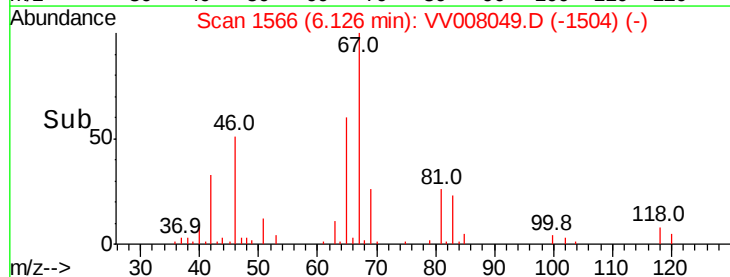
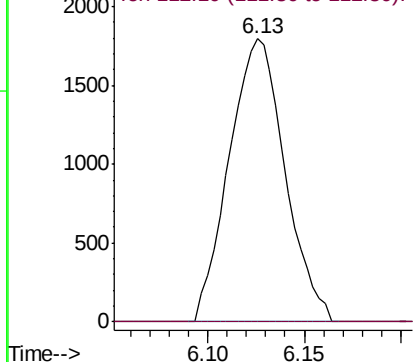


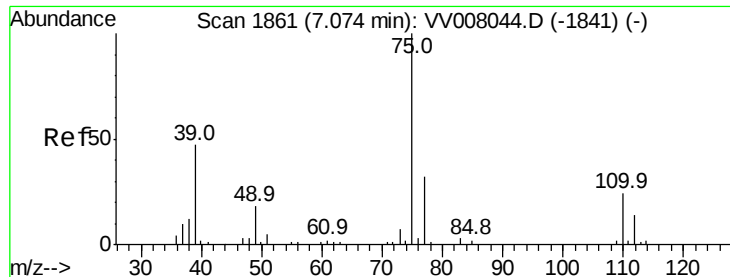
#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008049.D
Acq: 03 Oct 2018 14:50

Tgt Ion: 63 Resp: 3598
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



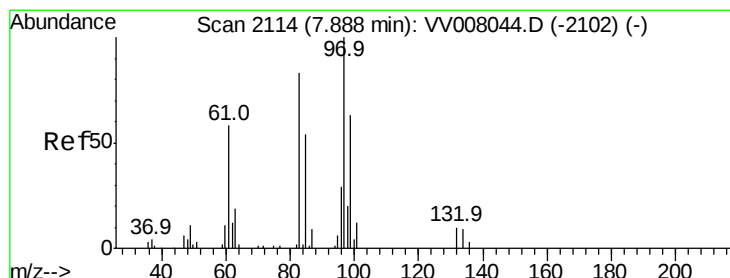
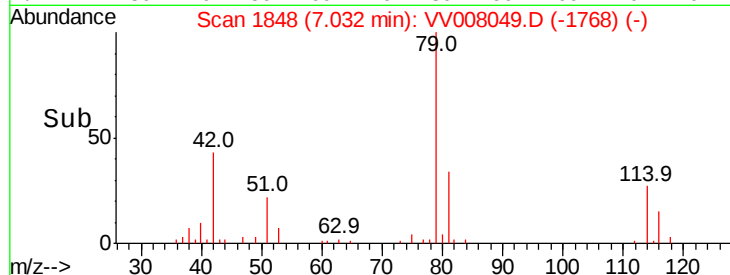
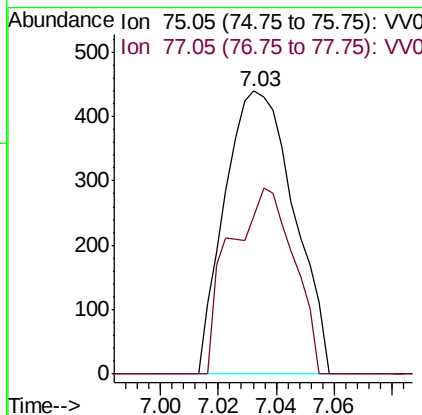
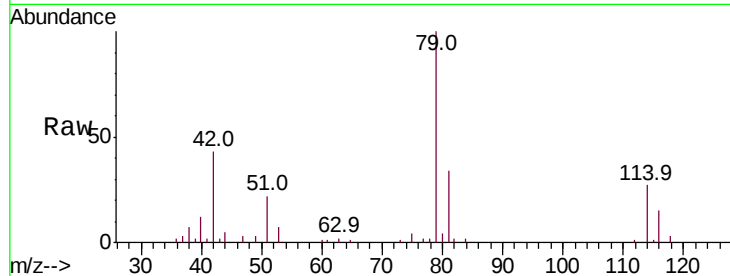


#39

cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008049.D
 Acq: 03 Oct 2018 14:50

Instrument :
 MSVOA_V
 ClientSampleId :

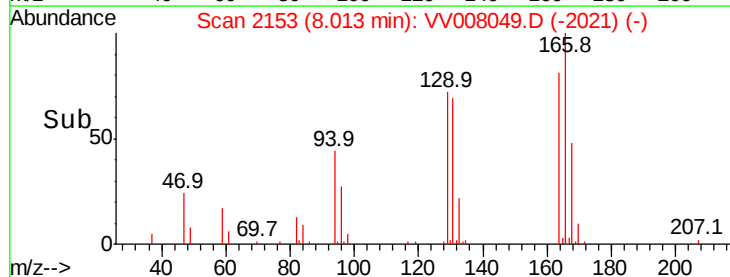
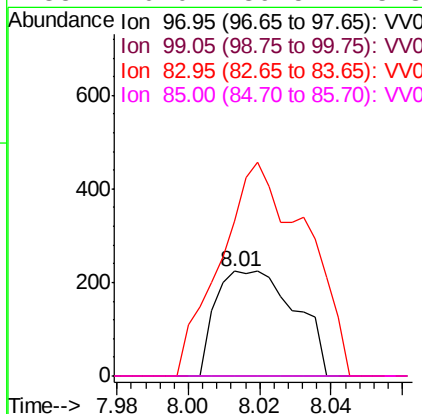
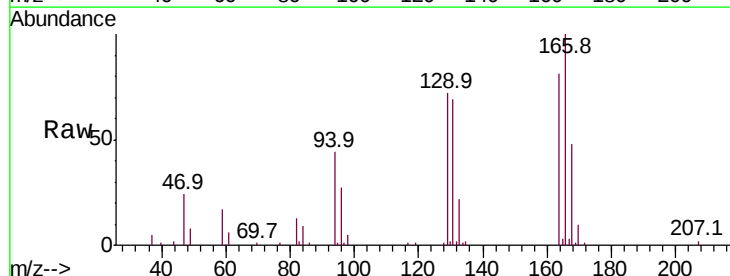
Tot Ion: 75 Resp: 726
 Ion Ratio Lower Upper
 75 100
 77 56.0 22.9 42.5#

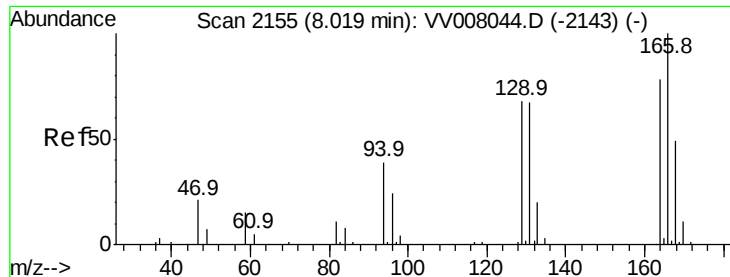


#45

1,1,2-Trichloroethane
 Concen: 0.081 ug/L
 RT: 8.01 min Scan# 2153
 Delta R.T. 0.13 min
 Lab File: VV008049.D
 Acq: 03 Oct 2018 14:50

Tgt Ion: 97 Resp: 346
 Ion Ratio Lower Upper
 97 100
 99 0.0 43.5 80.9#
 83 148.2 59.7 110.9#
 85 0.0 39.5 73.3#





#47

Tetrachloroethene

Concen: 6.359 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008049.D

Acq: 03 Oct 2018 14:50

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 39263

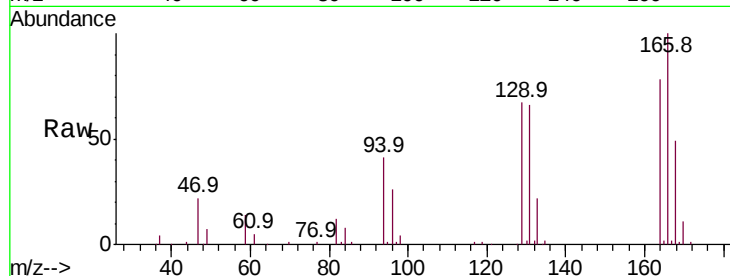
Ion Ratio Lower Upper

164 100

129 85.9 59.2 110.0

131 84.1 57.1 106.1

166 128.1 88.6 164.6

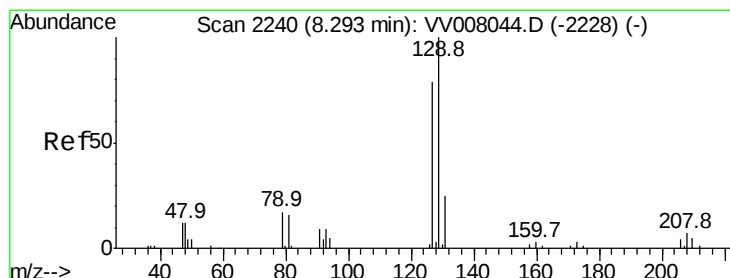
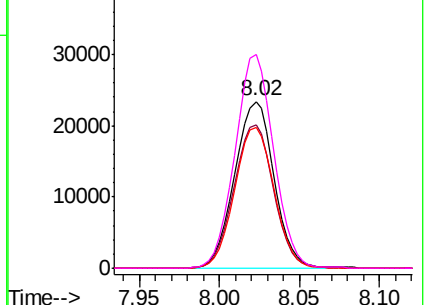
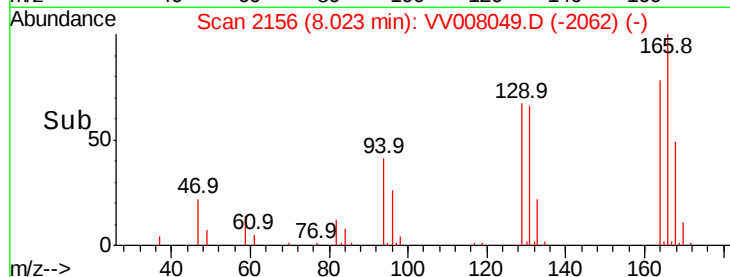


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 6.696 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008049.D

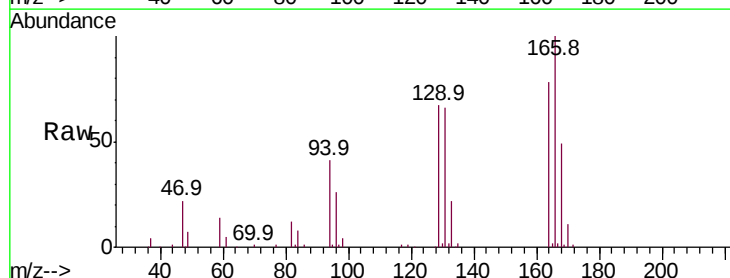
Acq: 03 Oct 2018 14:50

Tgt Ion:129 Resp: 32797

Ion Ratio Lower Upper

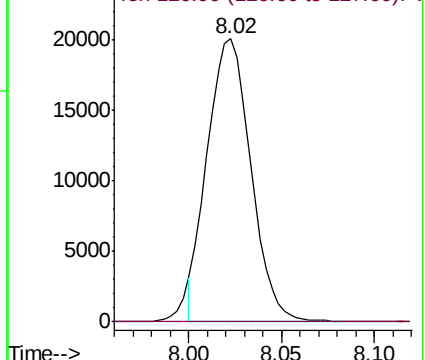
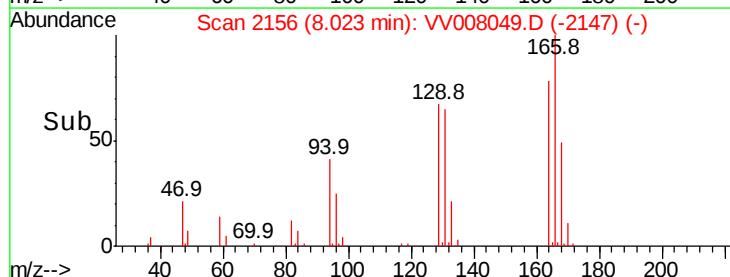
129 100

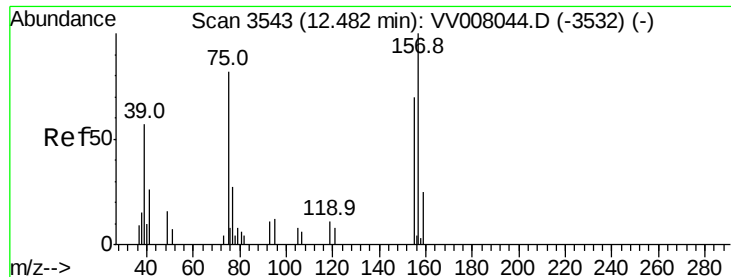
127 0.5 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#66

1,2-Dibromo-3-chloropropane

Concen: 0.724 ug/L

RT: 12.30 min Scan# 3486

Delta R.T. -0.18 min

Lab File: VV008049.D

Acq: 03 Oct 2018 14:50

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 453

Ion Ratio Lower Upper

75 100

155 0.0 83.4 125.2#

157 0.0 93.9 140.9#

