

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008006.D
 Acq On : 01 Oct 2018 20:31
 Operator : SY/MD
 Sample : J5159-10
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 02 04:18:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90826	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85824	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23792	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.59	69	20514	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	38036	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.97	46	65514	44.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.46%
24) Chloroform-d	4.41	84	52618	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.09	65	28316	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	102442	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	31974	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	95563	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.67	79	10587	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	47735	43.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22618	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	39364	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

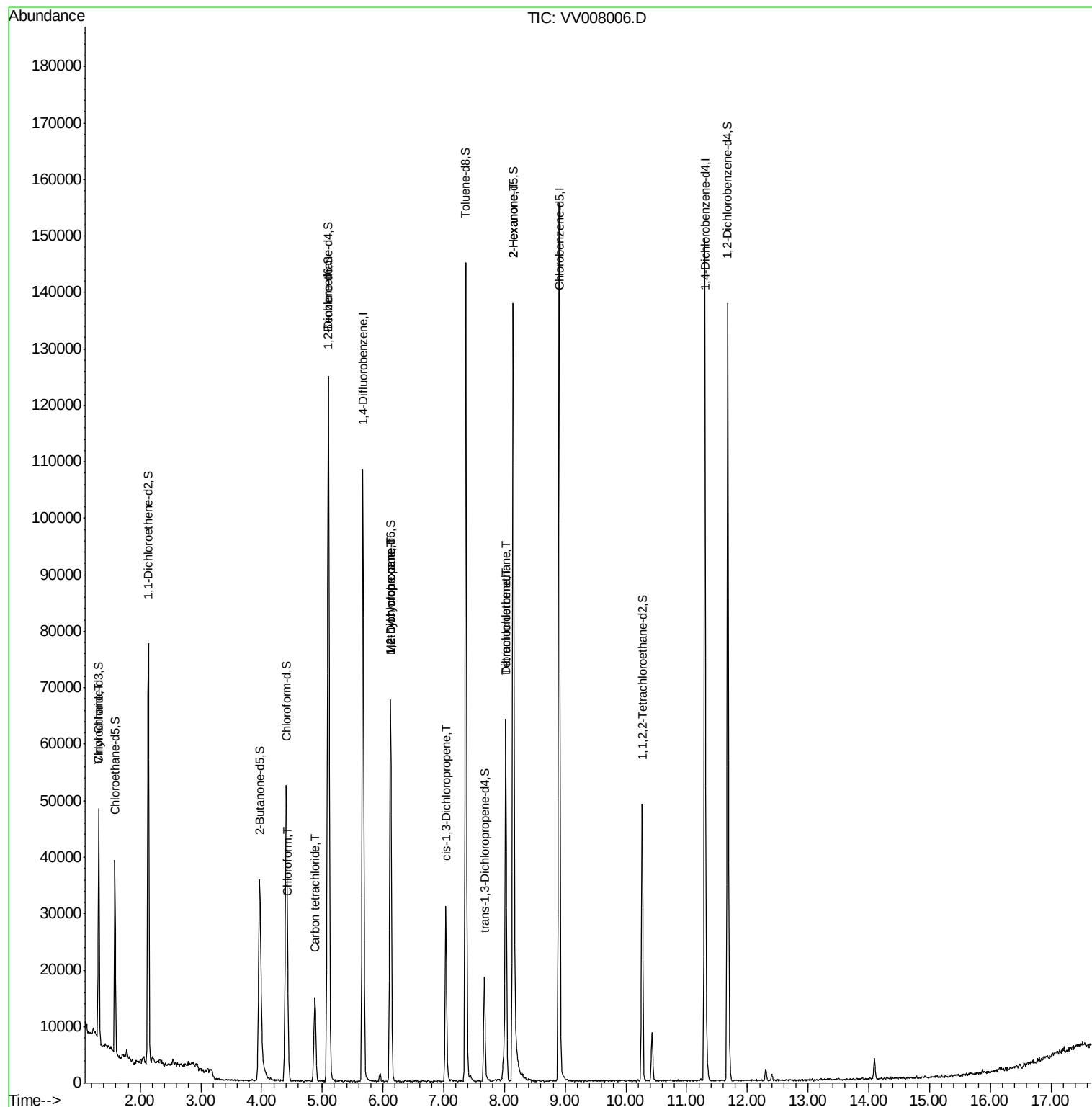
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	353	0.081	ug/L #	1
25) Chloroform	4.44	83	3364	0.275	ug/L	98
31) Carbon tetrachloride	4.88	117	10896	1.198	ug/L	99
35) Methylcyclohexane	6.12	83	7446	0.706	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3654	0.582	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	797	0.095	ug/L #	82
47) Tetrachloroethene	8.02	164	14998	2.300	ug/L	98
48) 2-Hexanone	8.14	43	6557	2.392	ug/L #	75
49) Dibromochloromethane	8.02	129	12129	2.345	ug/L #	12

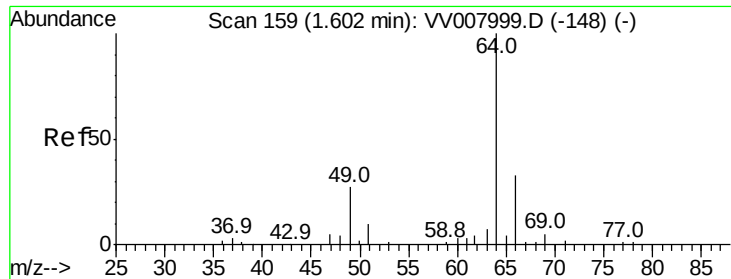
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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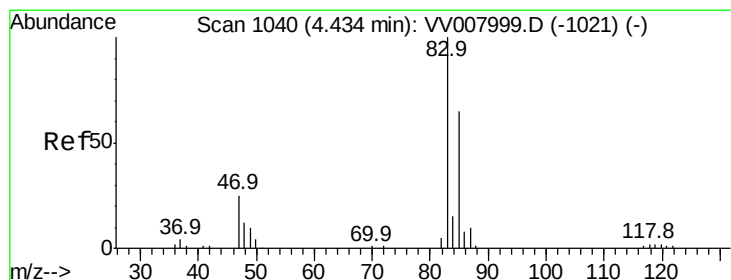
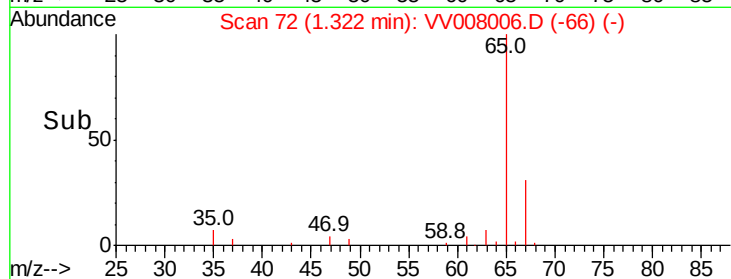
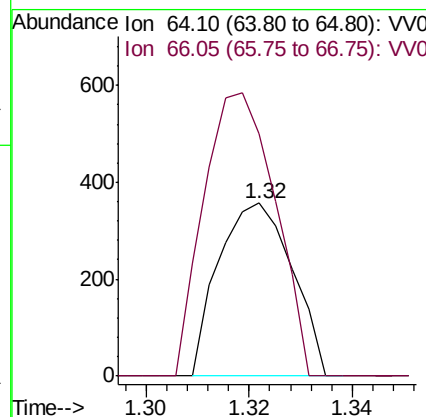
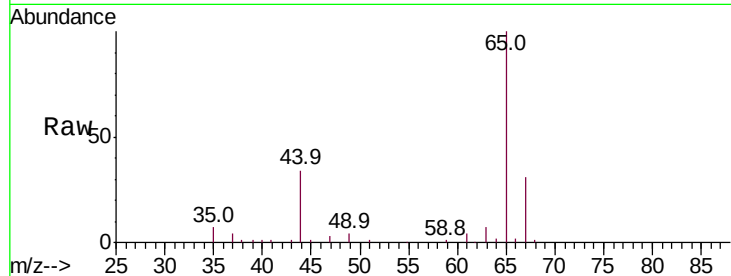




#8
Chloroethane
Concen: 0.081 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.28 min
Lab File: VV008006.D
Acq: 01 Oct 2018 20:31

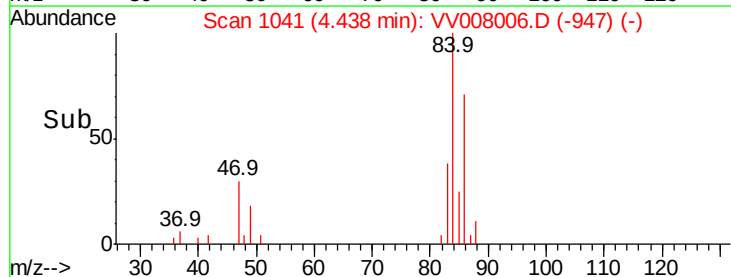
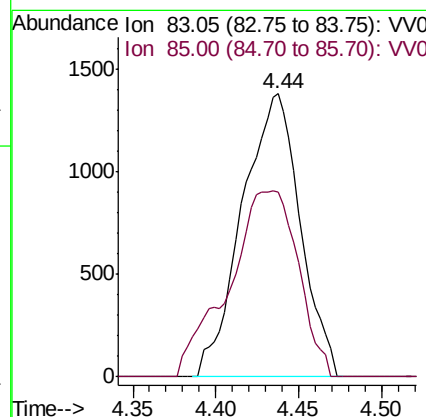
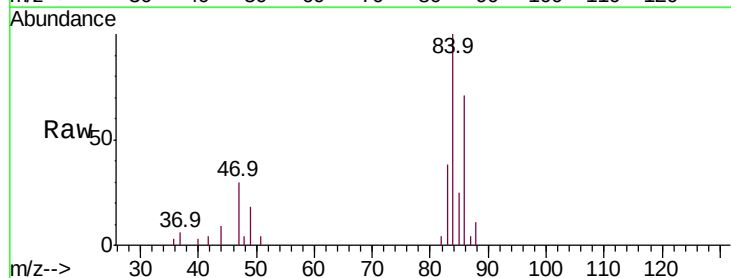
Instrument :
MSVOA_V
ClientSampleId :

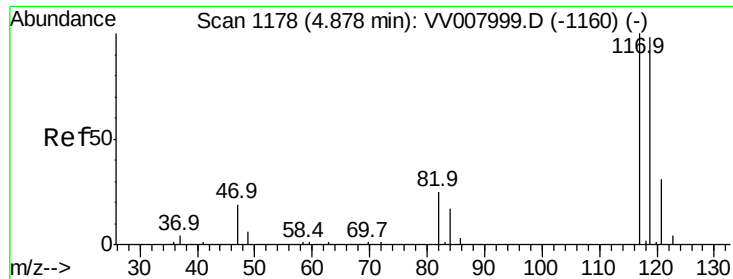
Tot Ion: 64 Resp: 353
Ion Ratio Lower Upper
64 100
66 139.8 23.1 42.9#



#25
Chloroform
Concen: 0.275 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV008006.D
Acq: 01 Oct 2018 20:31

Tgt Ion: 83 Resp: 3364
Ion Ratio Lower Upper
83 100
85 65.4 44.8 83.2

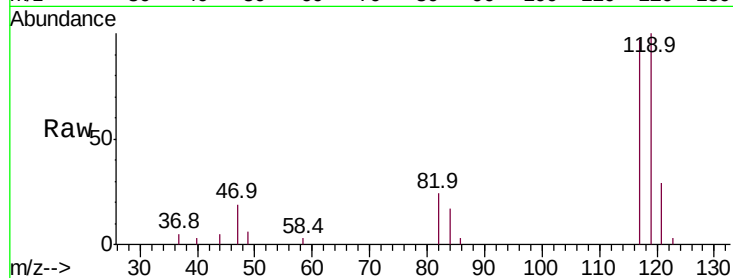




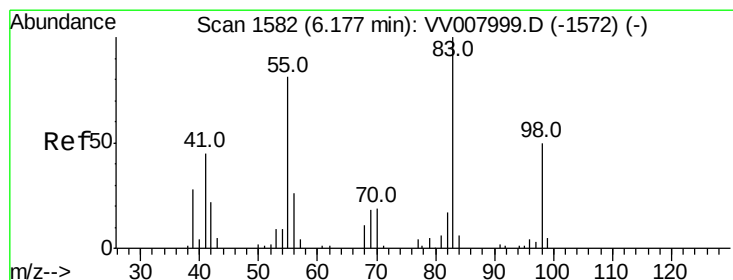
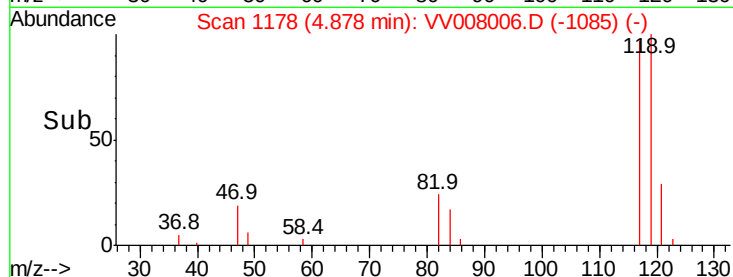
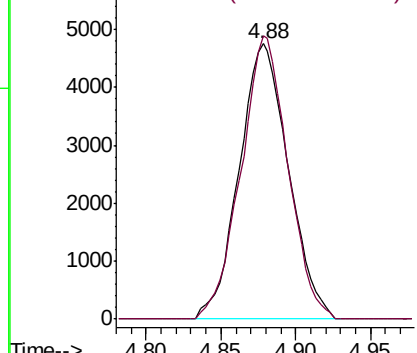
#31
Carbon tetrachloride
Concen: 1.198 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VV008006.D
Acq: 01 Oct 2018 20:31

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:117 Resp: 10896
Ion Ratio Lower Upper
117 100
119 98.0 77.8 116.8

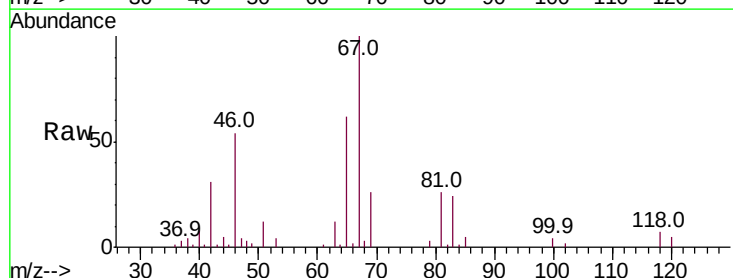


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

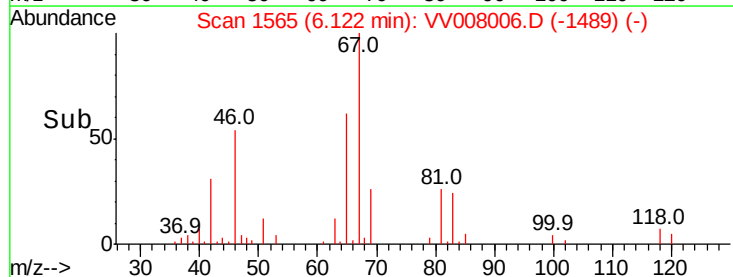
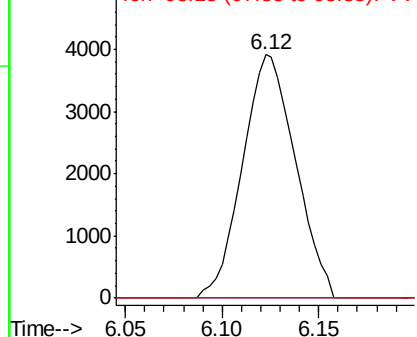


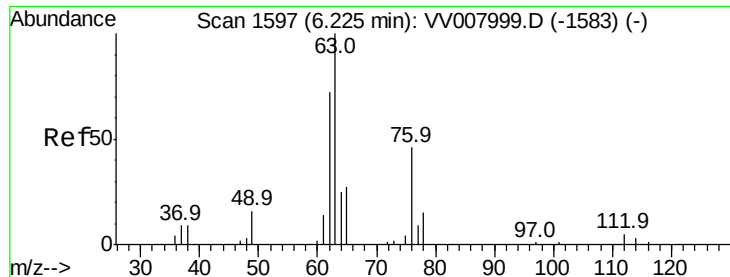
#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008006.D
Acq: 01 Oct 2018 20:31

Tgt Ion: 83 Resp: 7446
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 1.5 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

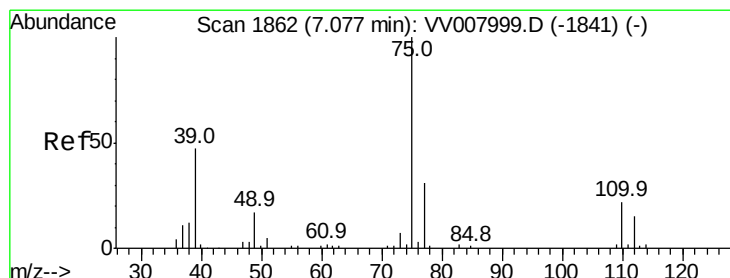
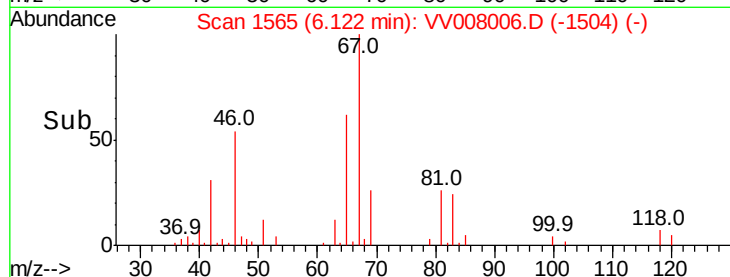
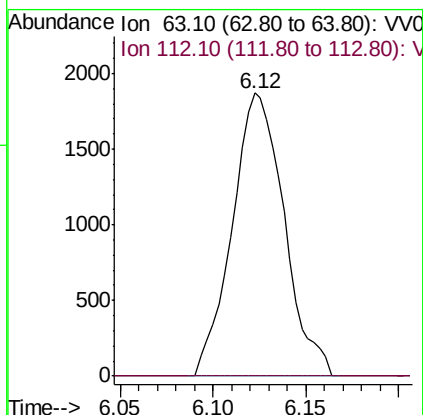
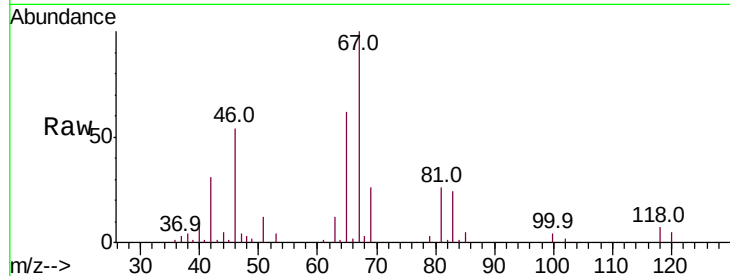




#37
 1,2-Dichloropropane
 Concen: 0.582 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008006.D
 Acq: 01 Oct 2018 20:31

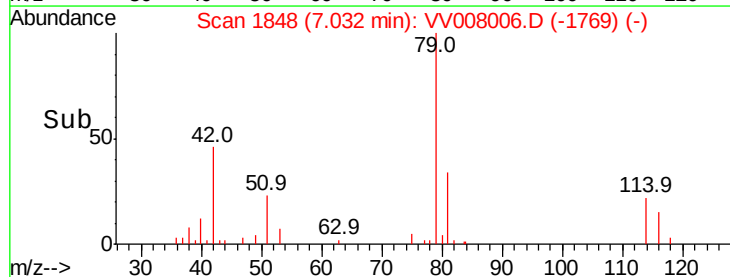
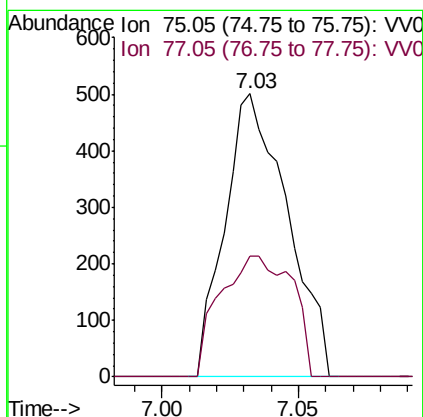
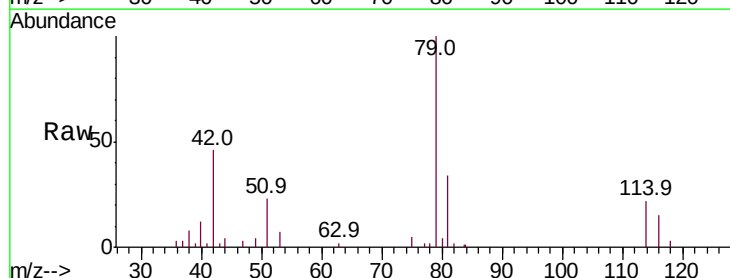
Instrument :
 MSVOA_V
 ClientSampleId :

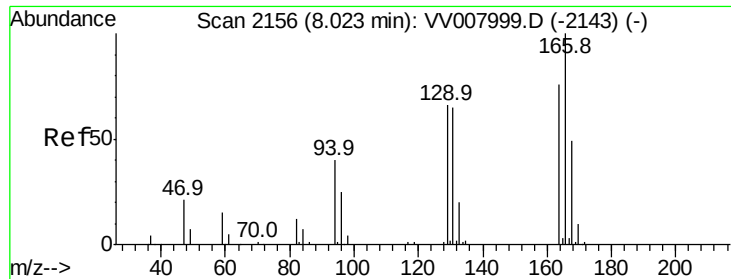
Tot Ion: 63 Resp: 3654
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008006.D
 Acq: 01 Oct 2018 20:31

Tgt Ion: 75 Resp: 797
 Ion Ratio Lower Upper
 75 100
 77 42.7 22.9 42.5#

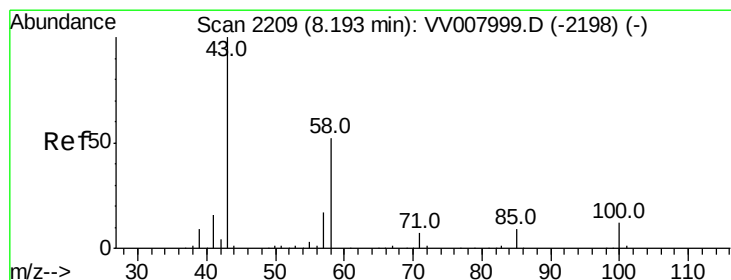
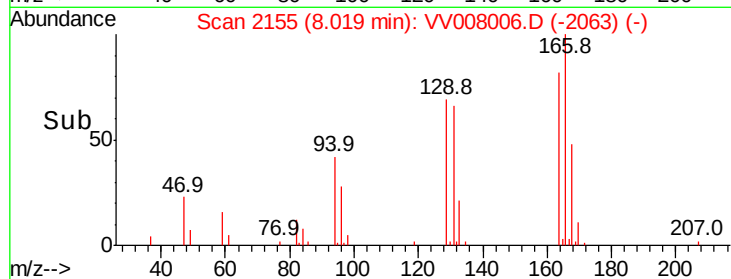
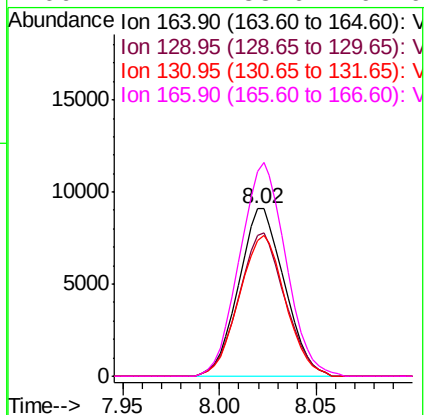
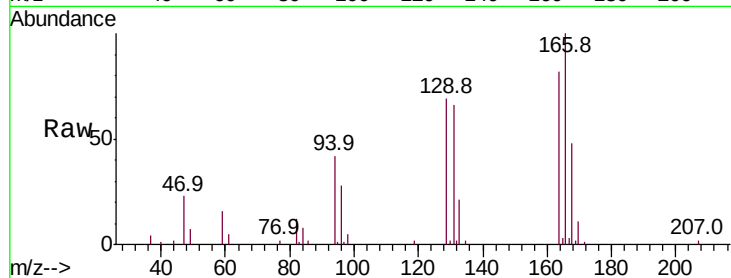




#47
Tetrachloroethene
Concen: 2.300 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008006.D
Acq: 01 Oct 2018 20:31

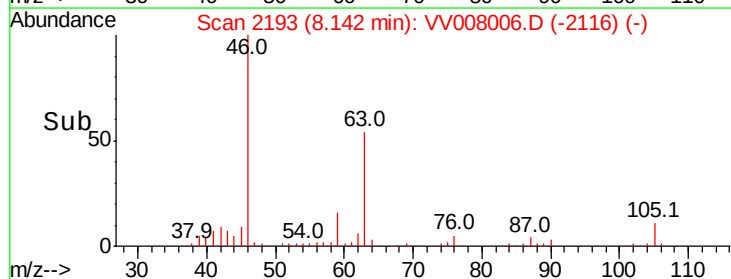
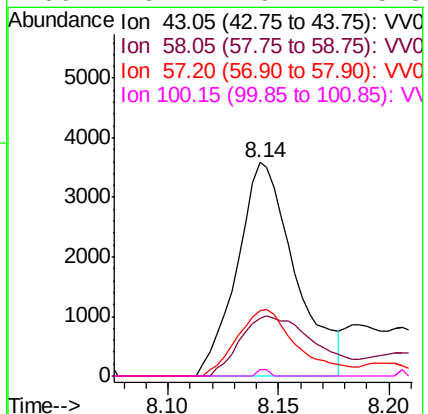
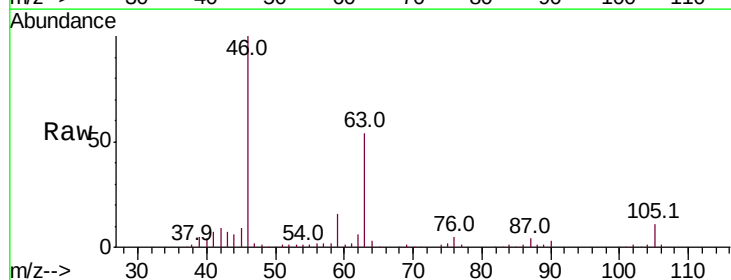
Instrument :
MSVOA_V
ClientSampleId :

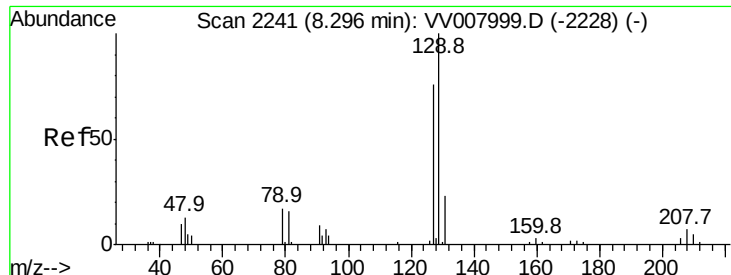
Tot Ion:164 Resp: 14998
Ion Ratio Lower Upper
164 100
129 84.1 59.2 110.0
131 80.8 57.1 106.1
166 122.2 88.6 164.6



#48
2-Hexanone
Concen: 2.392 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008006.D
Acq: 01 Oct 2018 20:31

Tgt Ion: 43 Resp: 6557
Ion Ratio Lower Upper
43 100
58 37.1 41.9 62.9#
57 32.3 14.3 21.5#
100 0.7 9.2 13.8#





#49

Dibromochloromethane

Concen: 2.345 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008006.D

Acq: 01 Oct 2018 20:31

Instrument :

MSVOA_V

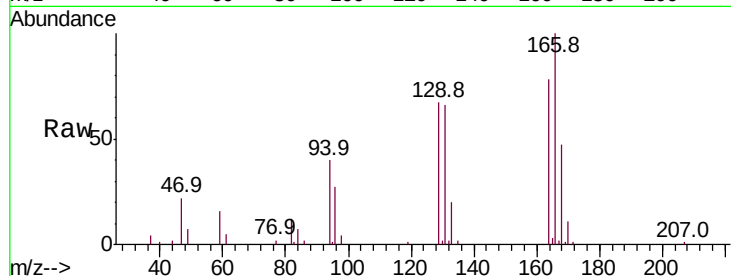
ClientSampleId :

Tot Ion:129 Resp: 12129

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

