

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
 Data File : VV008648.D
 Acq On : 19 Nov 2018 13:59
 Operator : SY/MD
 Sample : J5995-04
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FJ1

Quant Time: Nov 20 07:00:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 06:56:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	158457	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63367	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27324	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.58	69	23131	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.13	63	44181	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.96	46	108624	43.13	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.26%
24) Chloroform-d	4.41	84	81243	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.09	65	42152	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.10	84	156782	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.12	67	51030	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.36	98	140128	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	7.67	79	16899	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.14	63	82809	39.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35439	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	47247	4.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.60%

Target Compounds

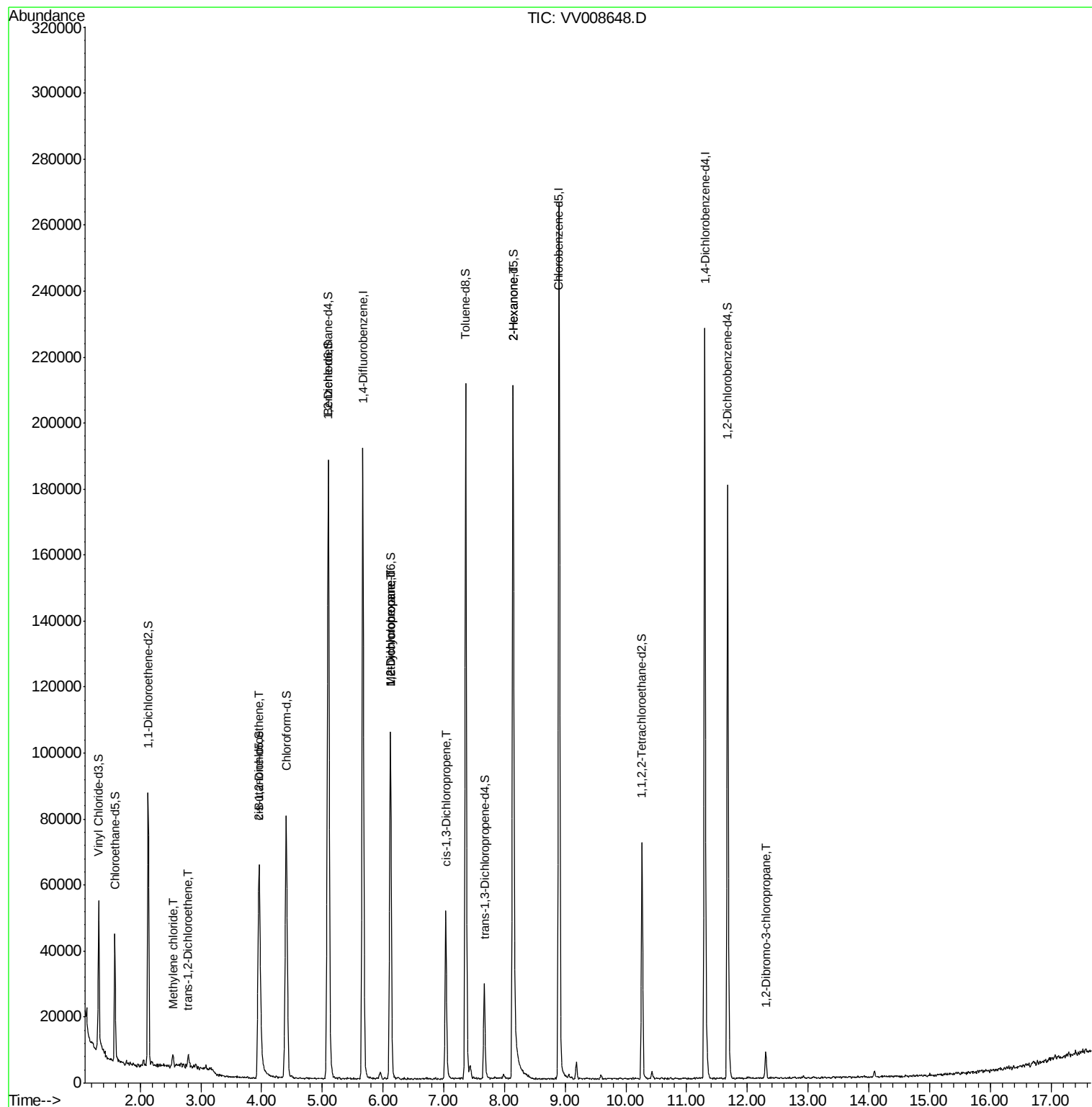
					Qvalue
16) Methylene chloride	2.54	84	1338	0.150 ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	1239	0.155 ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	3742	0.311 ug/L	86
35) Methylcyclohexane	6.12	83	12144	0.590 ug/L #	17
37) 1,2-Dichloropropane	6.13	63	5618	0.465 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1142	0.070 ug/L #	72
48) 2-Hexanone	8.14	43	9828	2.058 ug/L #	76
66) 1,2-Dibromo-3-chloropropan	12.31	75	265	0.211 ug/L #	11

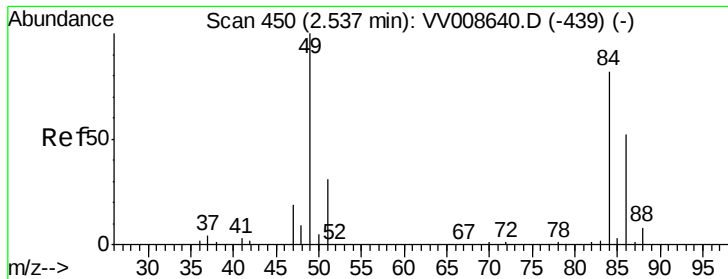
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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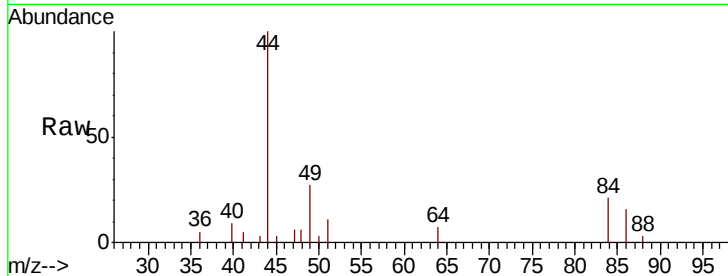




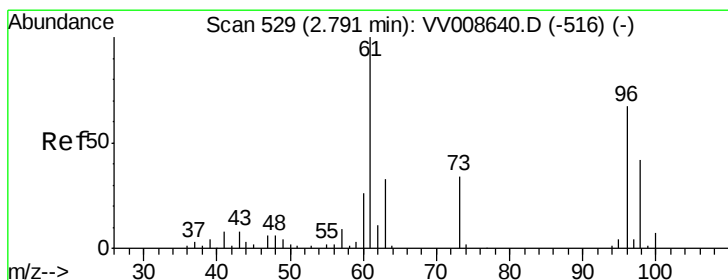
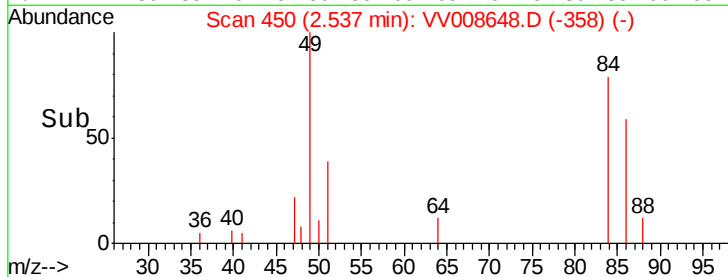
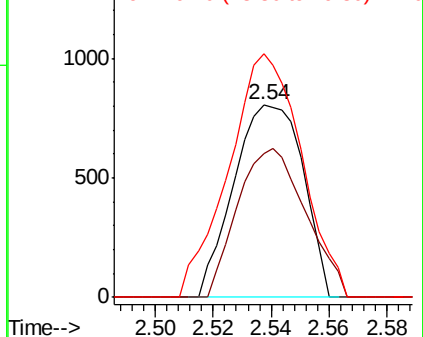
#16
Methylene chloride
Concen: 0.150 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008648.D
Acq: 19 Nov 2018 13:59

Instrument :
MSVOA_V
ClientSampled :
H0FJ1

Tgt Ion: 84 Resp: 1338
Ion Ratio Lower Upper
84 100
86 74.8 44.8 83.2
49 126.3 88.1 163.7

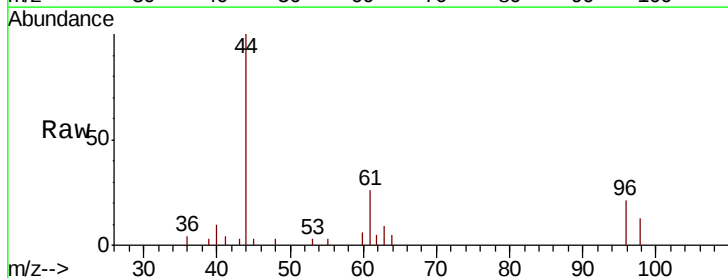


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

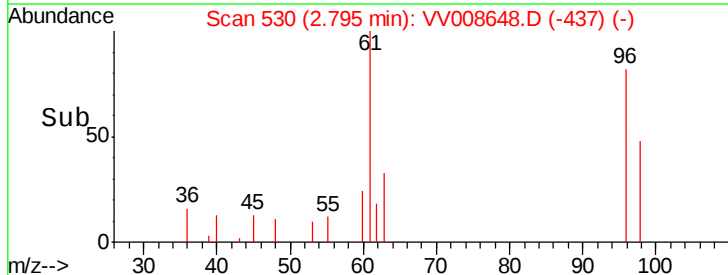
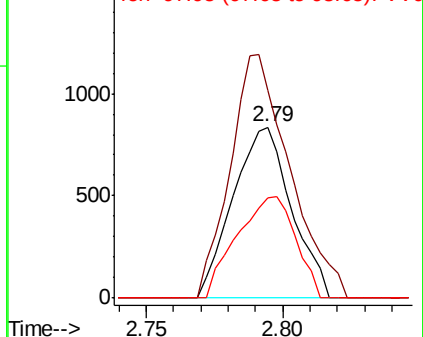


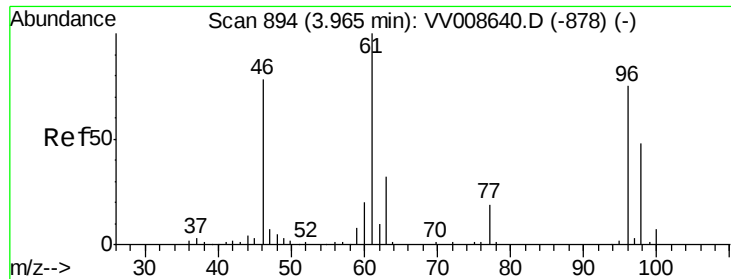
#18
trans-1,2-Dichloroethene
Concen: 0.155 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008648.D
Acq: 19 Nov 2018 13:59

Tgt Ion: 96 Resp: 1239
Ion Ratio Lower Upper
96 100
61 121.4 97.1 180.3
98 58.3 41.9 77.7



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0



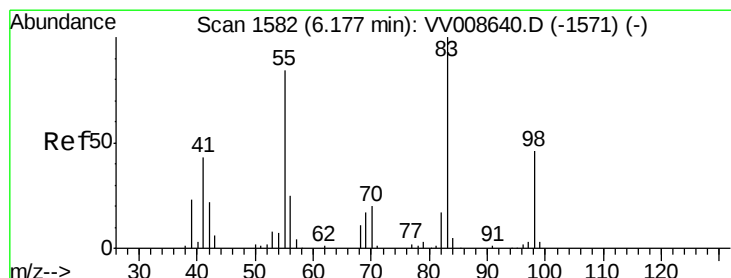
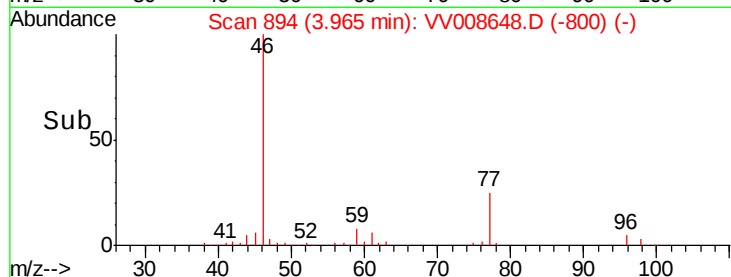
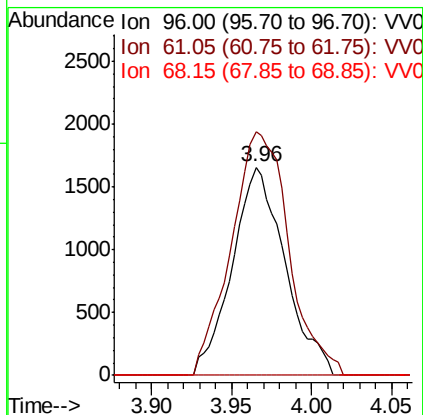
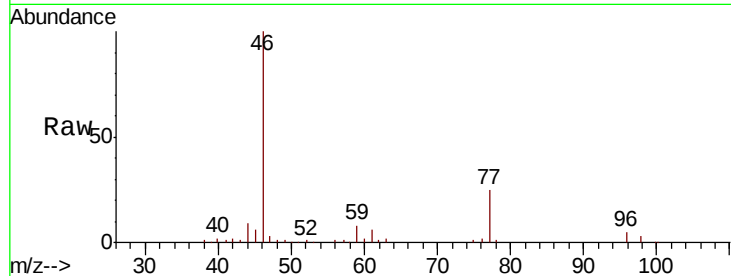


#22

cis-1,2-Dichloroethene
 Concen: 0.311 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV008648.D
 Acq: 19 Nov 2018 13:59

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FJ1

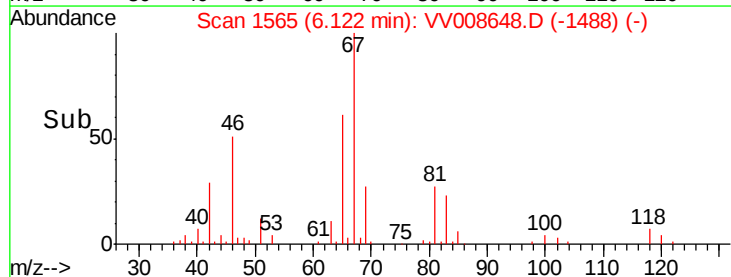
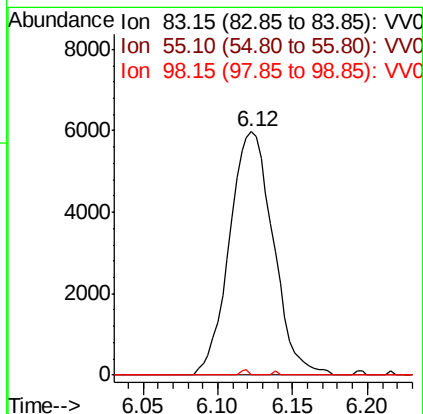
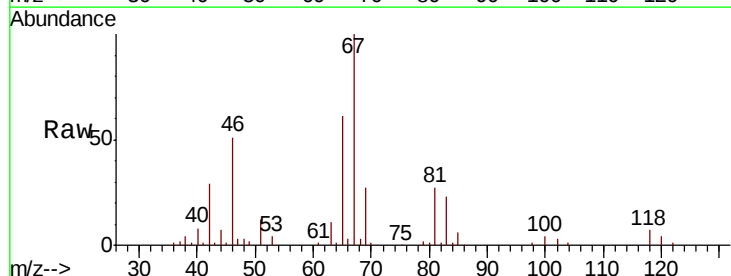
Tgt Ion: 96 Resp: 3742
 Ion Ratio Lower Upper
 96 100
 61 117.0 93.2 173.2
 68 0.0 0.0 0.0

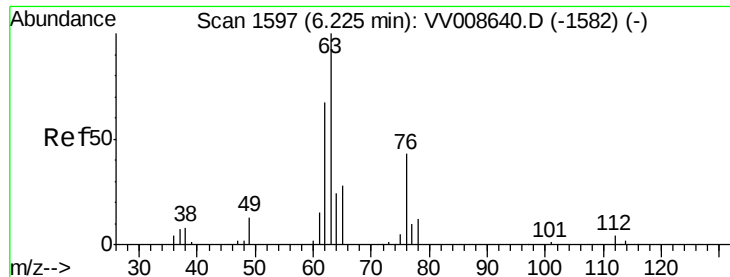


#35

Methylcyclohexane
 Concen: 0.590 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV008648.D
 Acq: 19 Nov 2018 13:59

Tgt Ion: 83 Resp: 12144
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.6 98.4#
 98 0.4 36.4 54.6#

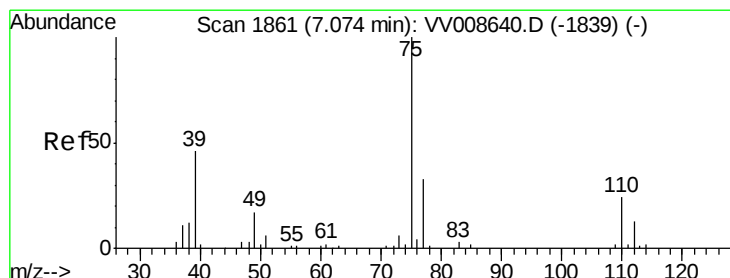
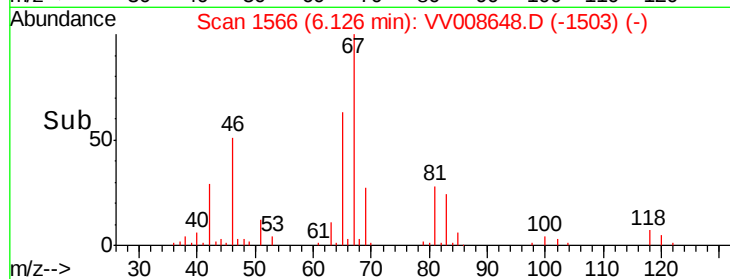
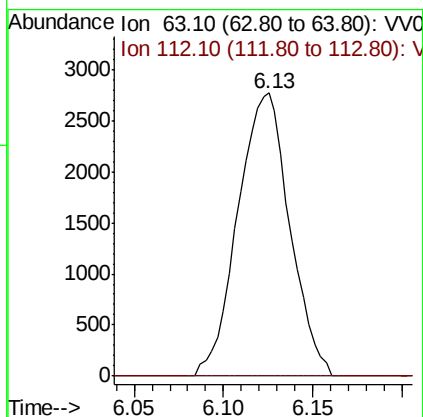
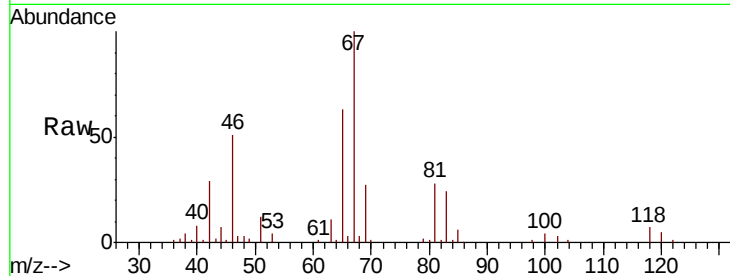




#37
 1,2-Dichloropropane
 Concen: 0.465 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV008648.D
 Acq: 19 Nov 2018 13:59

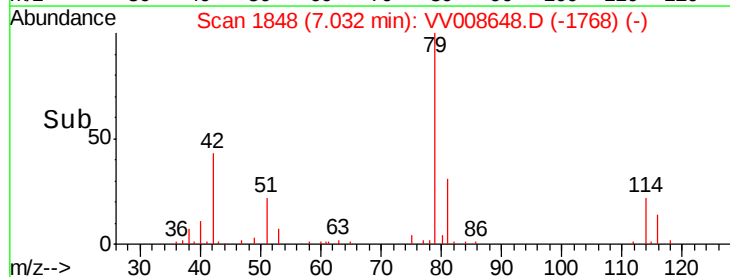
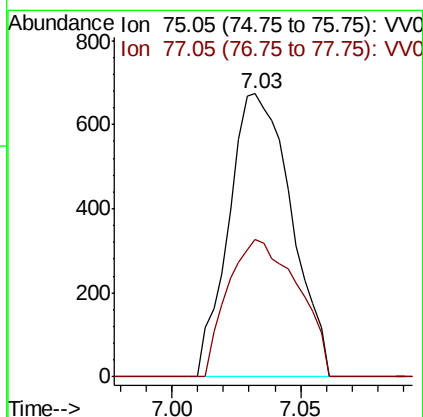
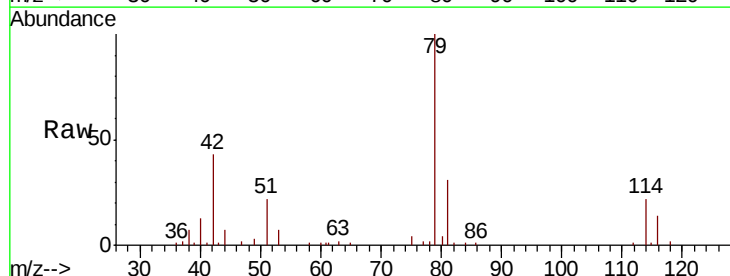
Instrument :
 MSVOA_V
 ClientSampleId :
 H0FJ1

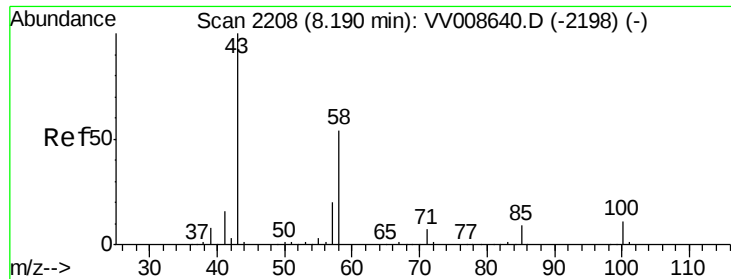
Tgt Ion: 63 Resp: 5618
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008648.D
 Acq: 19 Nov 2018 13:59

Tgt Ion: 75 Resp: 1142
 Ion Ratio Lower Upper
 75 100
 77 48.6 23.0 42.8#

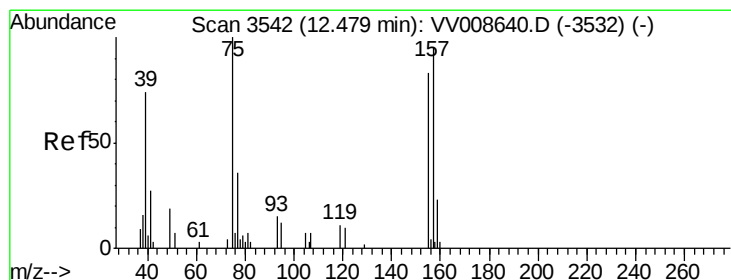
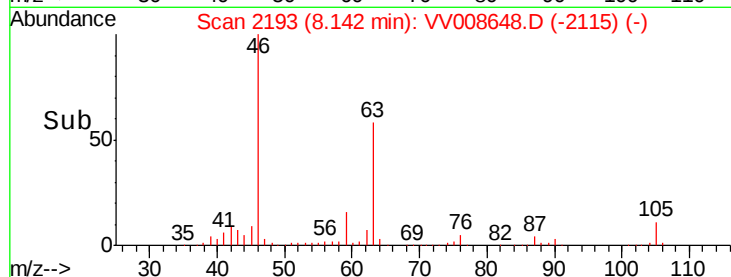
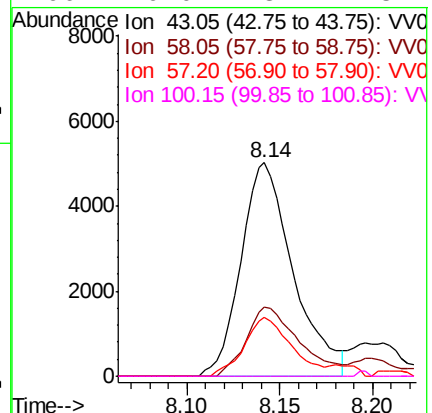
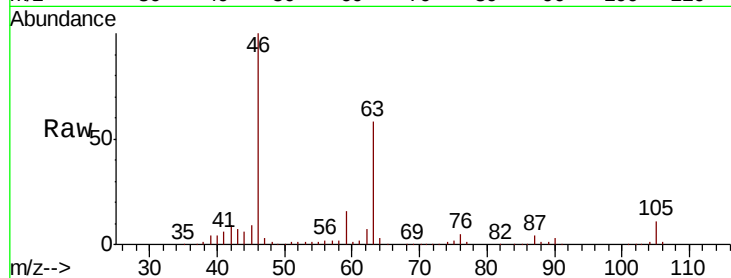




#48
2-Hexanone
Concen: 2.058 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008648.D
Acq: 19 Nov 2018 13:59

Instrument :
MSVOA_V
ClientSampleId :
H0FJ1

Tgt Ion: 43 Resp: 9828
Ion Ratio Lower Upper
43 100
58 32.7 41.8 62.8#
57 24.7 15.4 23.0#
100 0.0 8.7 13.1#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.211 ug/L
RT: 12.31 min Scan# 3488
Delta R.T. -0.18 min
Lab File: VV008648.D
Acq: 19 Nov 2018 13:59

Tgt Ion: 75 Resp: 265
Ion Ratio Lower Upper
75 100
155 0.0 54.2 81.2#
157 0.0 67.4 101.2#

