

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV113018\
 Data File : VV008809.D
 Acq On : 30 Nov 2018 13:37
 Operator : SY/MD
 Sample : J6076-11
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 01 03:53:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 01 03:50:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	143452	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	133921	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59672	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46197	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.59	69	35668	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.13	63	67545	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	3.98	46	126920	57.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.20%
24) Chloroform-d	4.41	84	102428	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.09	65	53111	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.10	84	216408	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.12	67	63998	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	191069	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.67	79	20272	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.14	63	90064	52.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39516	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	70979	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

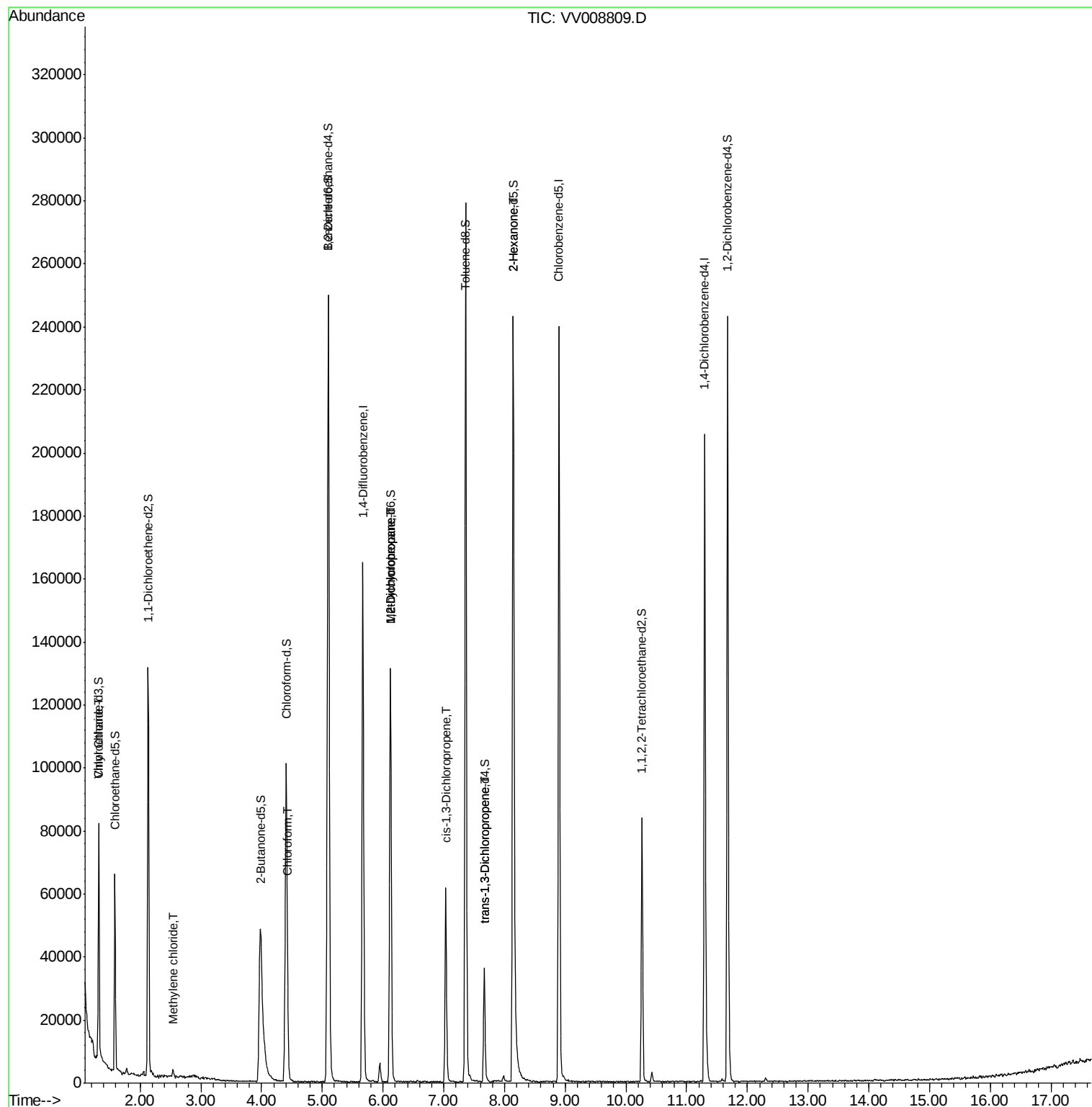
					Ovalue
8) Chloroethane	1.32	64	724	0.134 ug/L #	1
16) Methylene chloride	2.54	84	1007	0.127 ug/L	87
25) Chloroform	4.43	83	2572	0.137 ug/L	89
35) Methylcyclohexane	6.12	83	15422	0.871 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6867	0.688 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1534	0.117 ug/L #	46
44) trans-1,3-Dichloropropene	7.67	75	1035	0.100 ug/L	97
48) 2-Hexanone	8.14	43	10897	3.004 ug/L #	76

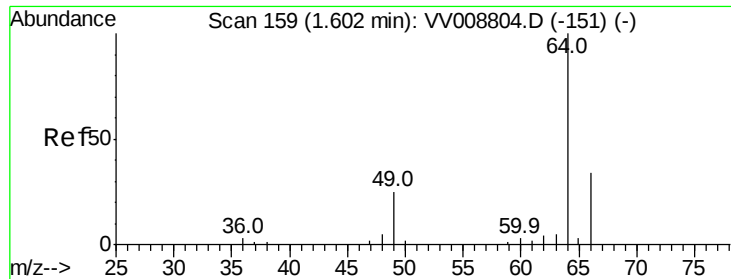
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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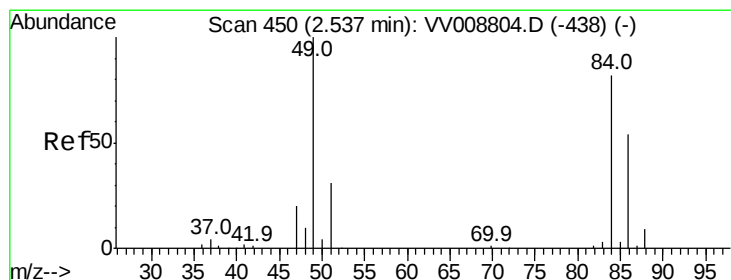
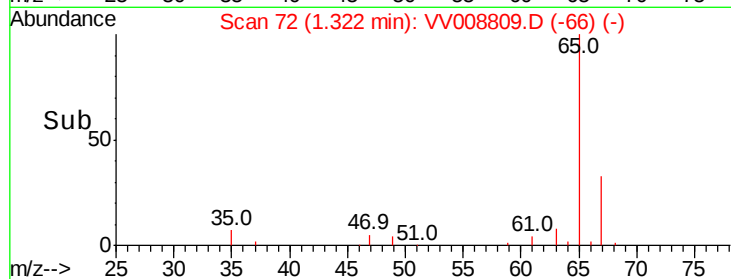
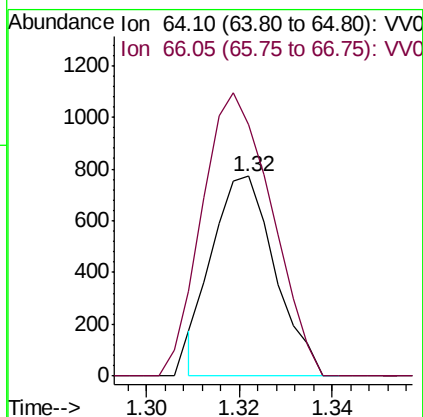
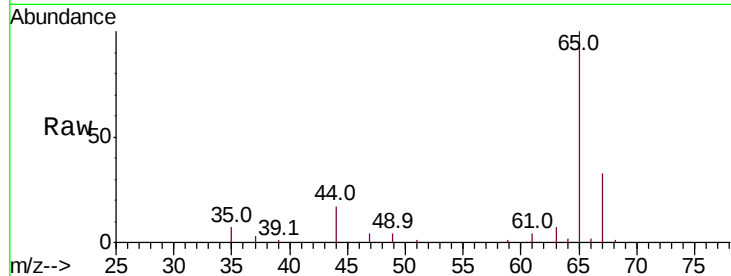




#8
Chloroethane
Concen: 0.134 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.28 min
Lab File: VV008809.D
Acq: 30 Nov 2018 13:37

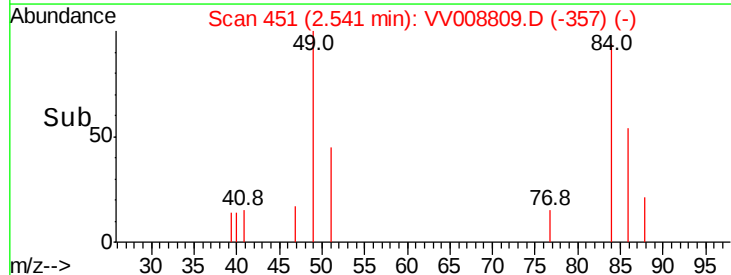
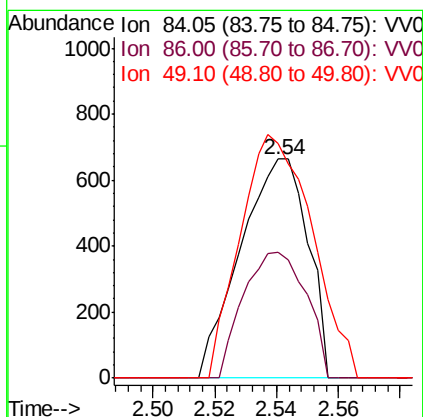
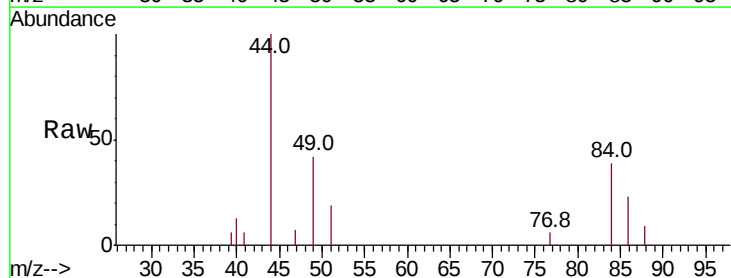
Instrument :
MSVOA_V
ClientSampled :

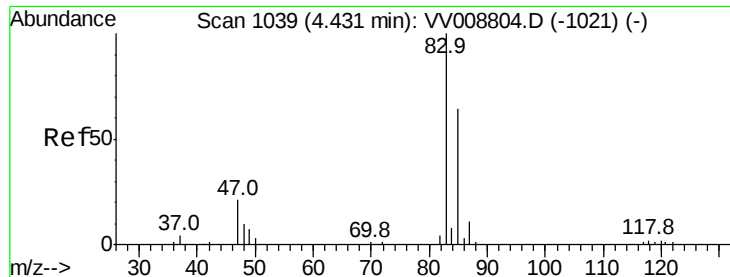
Tot Ion: 64 Resp: 724
Ion Ratio Lower Upper
64 100
66 126.2 21.8 40.6#



#16
Methylene chloride
Concen: 0.127 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008809.D
Acq: 30 Nov 2018 13:37

Tgt Ion: 84 Resp: 1007
Ion Ratio Lower Upper
84 100
86 57.5 45.8 85.2
49 106.9 85.9 159.5

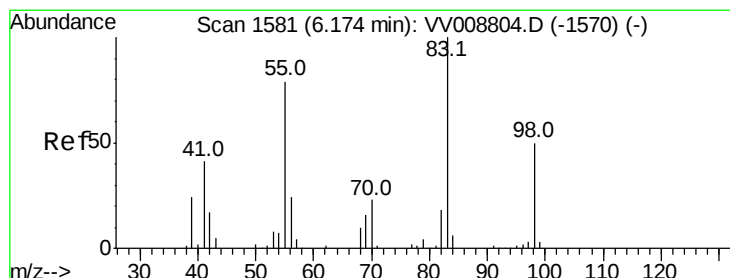
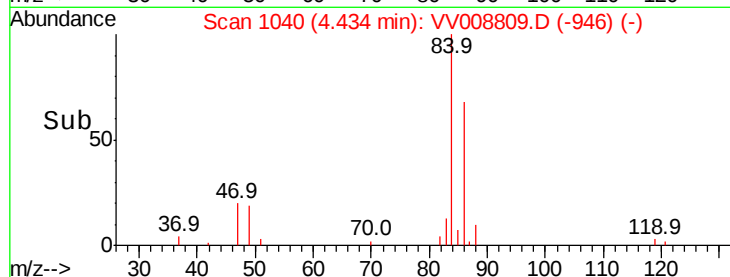
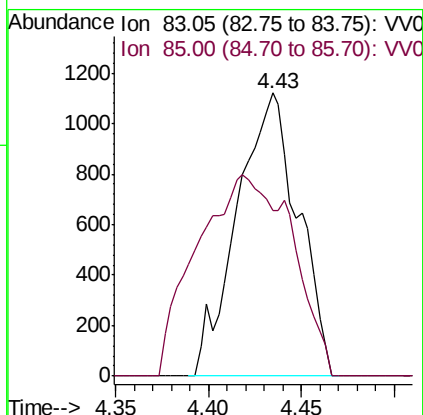
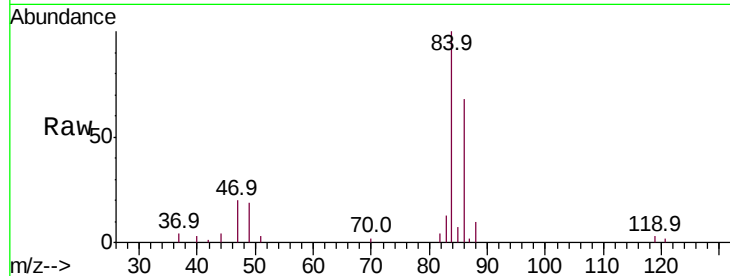




#25
Chloroform
Concen: 0.137 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008809.D
Acq: 30 Nov 2018 13:37

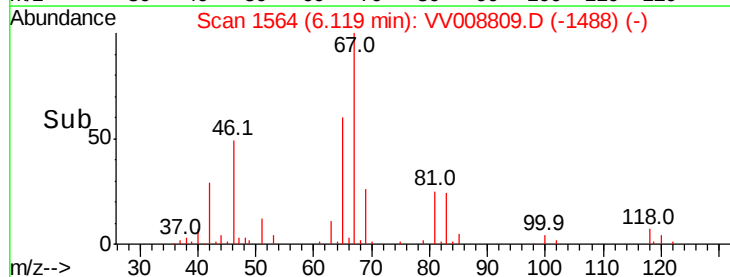
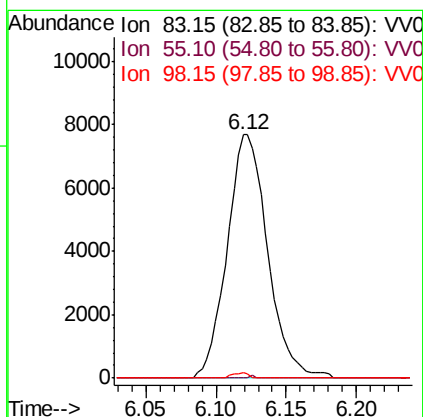
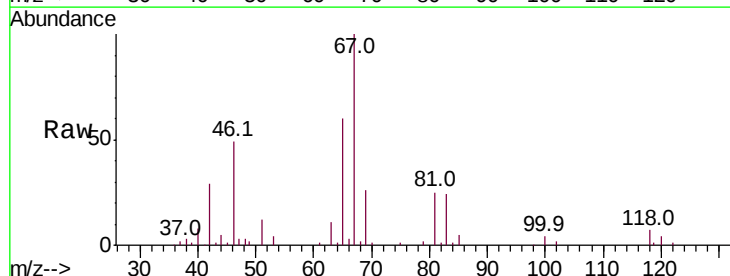
Instrument :
MSVOA_V
ClientSampled :

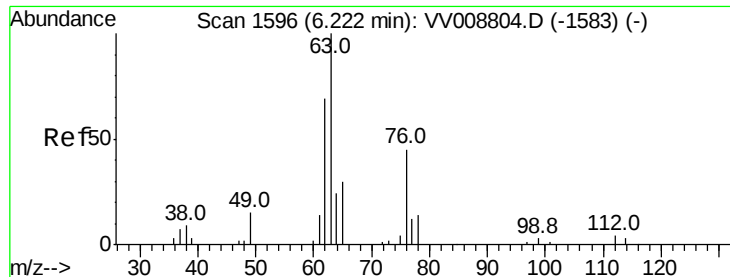
Tot Ion: 83 Resp: 2572
Ion Ratio Lower Upper
83 100
85 58.4 47.0 87.4



#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV008809.D
Acq: 30 Nov 2018 13:37

Tgt Ion: 83 Resp: 15422
Ion Ratio Lower Upper
83 100
55 0.1 60.1 90.1#
98 0.9 37.4 56.2#

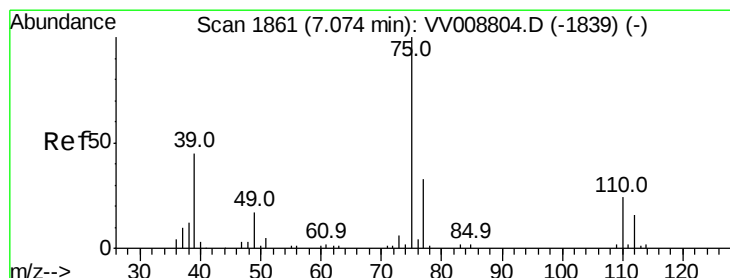
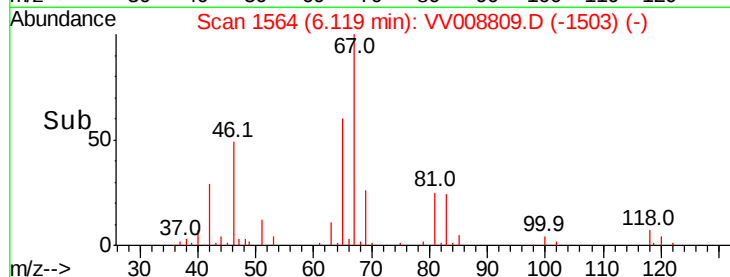
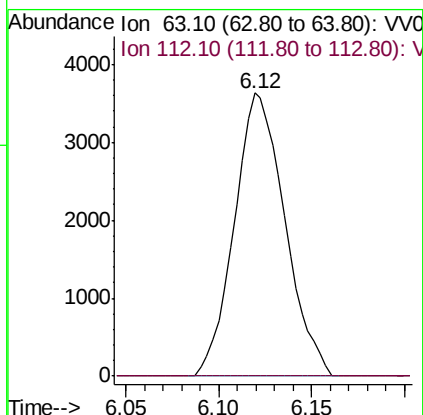
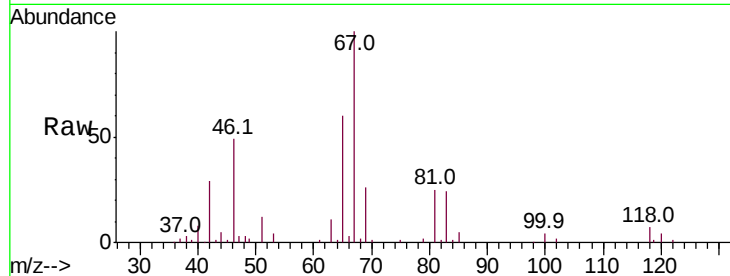




#37
 1,2-Dichloropropane
 Concen: 0.688 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008809.D
 Acq: 30 Nov 2018 13:37

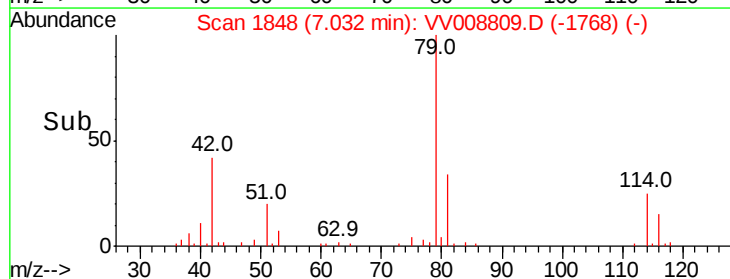
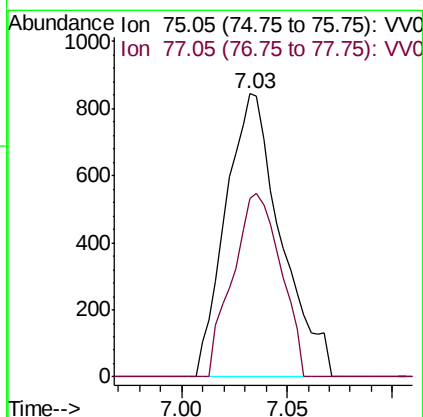
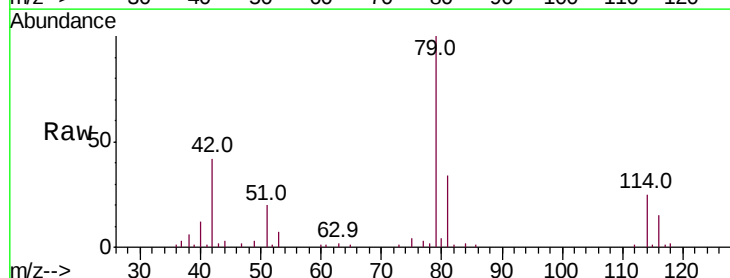
Instrument :
 MSVOA_V
 ClientSampled :

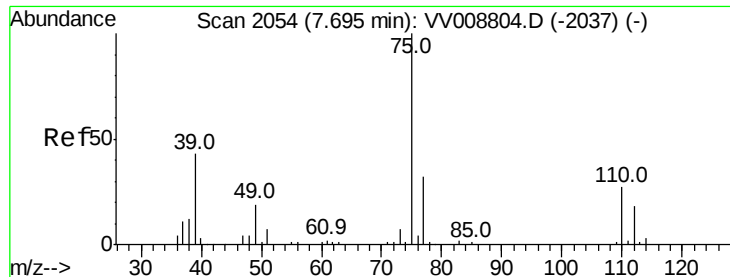
Tot Ion: 63 Resp: 6867
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008809.D
 Acq: 30 Nov 2018 13:37

Tgt Ion: 75 Resp: 1534
 Ion Ratio Lower Upper
 75 100
 77 63.0 22.8 42.4#





#44

trans-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008809.D

Acq: 30 Nov 2018 13:37

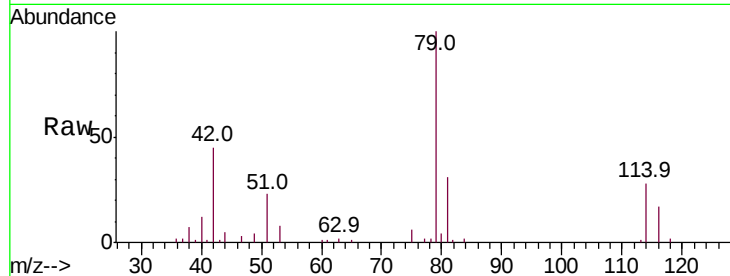
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 1035

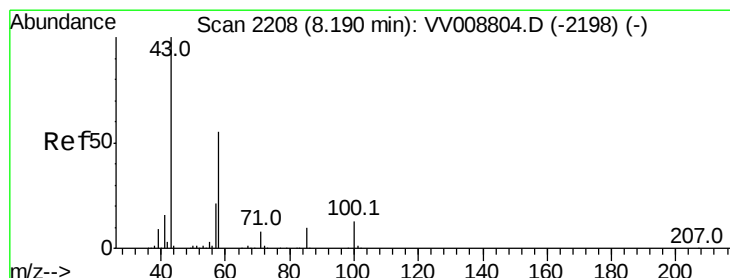
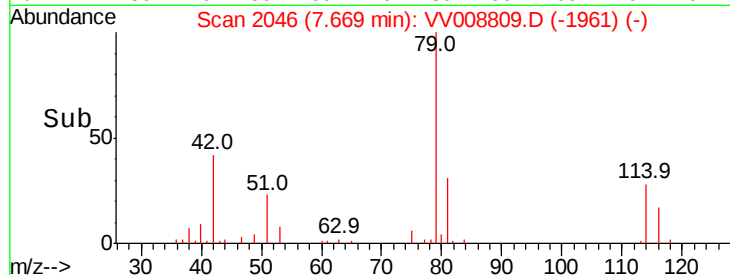
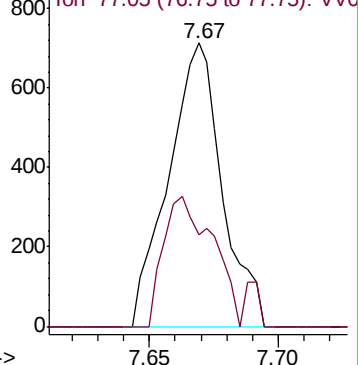
Ion Ratio Lower Upper

75 100

77 32.1 21.3 39.5



Abundance Ion 75.05 (74.75 to 75.75): VV008804.D (-2037) (-)



#48

2-Hexanone

Concen: 3.004 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.04 min

Lab File: VV008809.D

Acq: 30 Nov 2018 13:37

Tgt Ion: 43 Resp: 10897

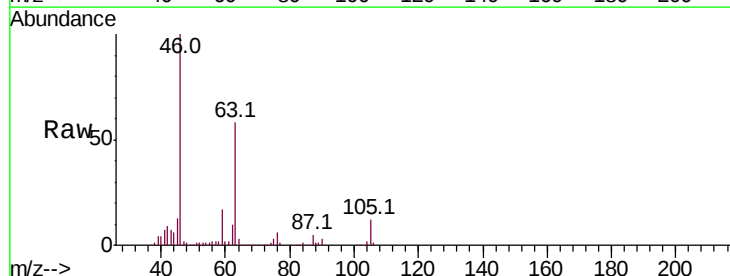
Ion Ratio Lower Upper

43 100

58 39.7 44.5 66.7#

57 31.8 15.2 22.8#

100 0.6 9.6 14.4#



Abundance Ion 43.05 (42.75 to 43.75): VV008804.D (-2198) (-)

