

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV113018\
 Data File : VV008807.D
 Acq On : 30 Nov 2018 12:47
 Operator : SY/MD
 Sample : J6136-15
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 01 03:53:36 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	143467	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60295	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45873	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.59	69	34587	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.13	63	67245	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	3.98	46	120966	54.41	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.82%
24) Chloroform-d	4.41	84	101164	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.09	65	51810	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.10	84	218442	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.12	67	63112	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	192874	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.67	79	21485	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	8.14	63	88441	51.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39373	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	66967	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

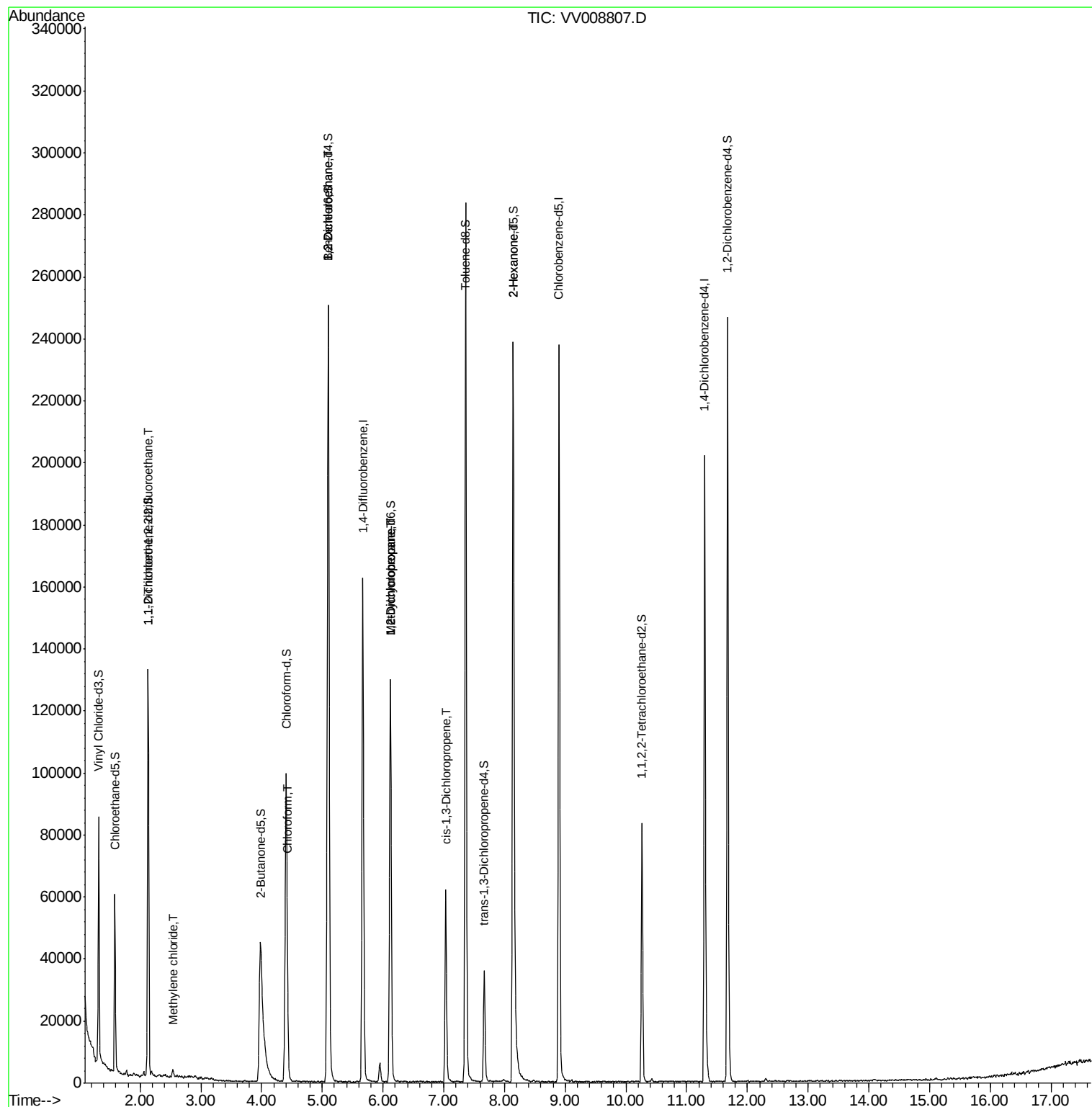
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	681	0.084 ug/L #	18
16) Methylene chloride	2.54	84	968	0.122 ug/L	96
25) Chloroform	4.43	83	2136	0.114 ug/L	83
27) 1,2-Dichloroethane	5.10	62	1222	0.114 ug/L #	74
35) Methylcyclohexane	6.12	83	16510	0.929 ug/L #	19
37) 1,2-Dichloropropane	6.13	63	7022	0.701 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1457	0.111 ug/L #	82
48) 2-Hexanone	8.14	43	11015	3.027 ug/L #	70

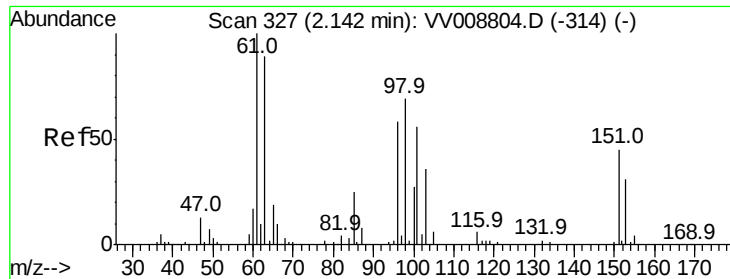
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.084 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008807.D

Acq: 30 Nov 2018 12:47

Instrument :

MSVOA_V

ClientSampleId :

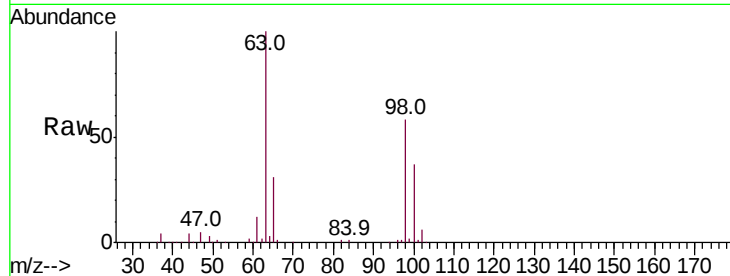
Tot Ion:101 Resp: 681

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

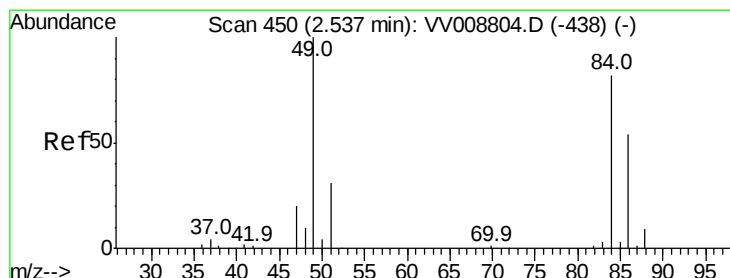
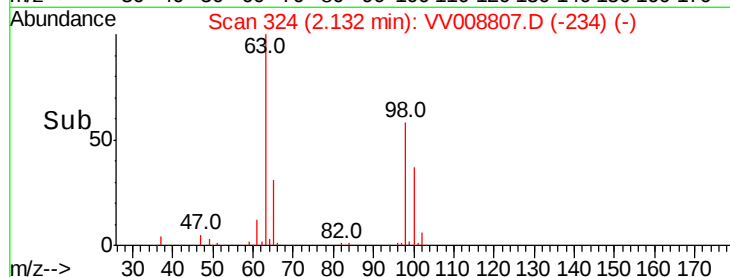
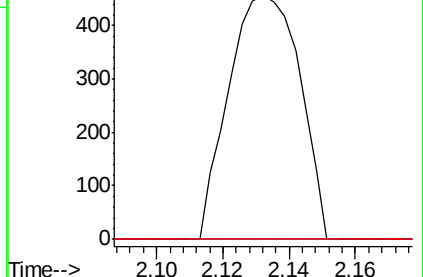
151 0.0 63.8 95.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.122 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV008807.D

Acq: 30 Nov 2018 12:47

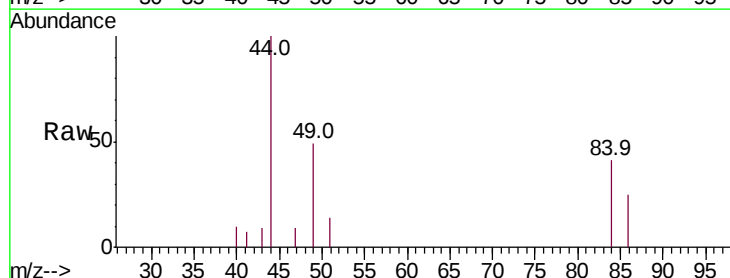
Tgt Ion: 84 Resp: 968

Ion Ratio Lower Upper

84 100

86 59.8 45.8 85.2

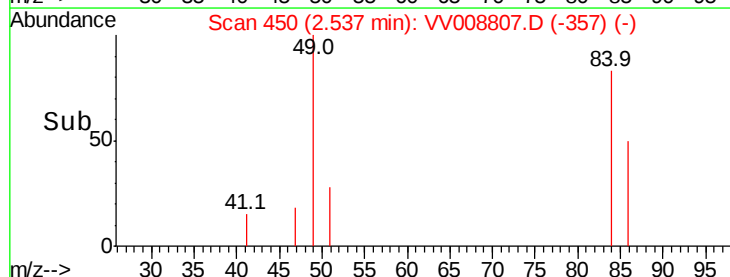
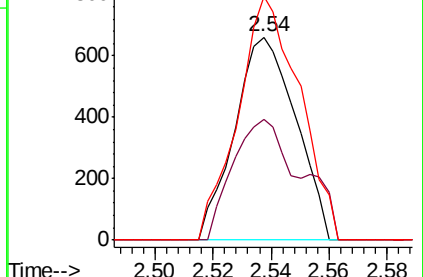
49 120.0 85.9 159.5

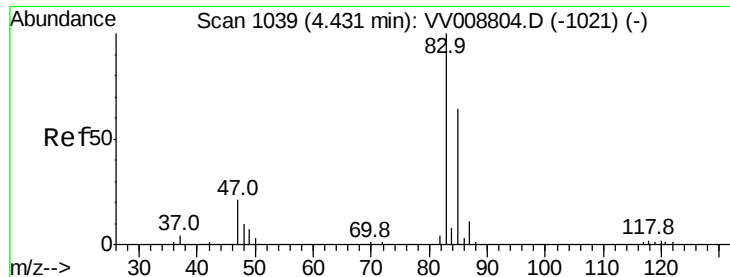


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

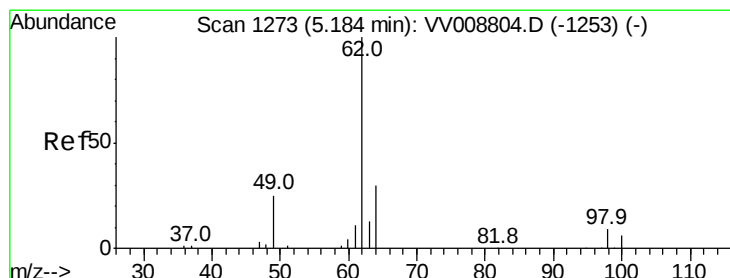
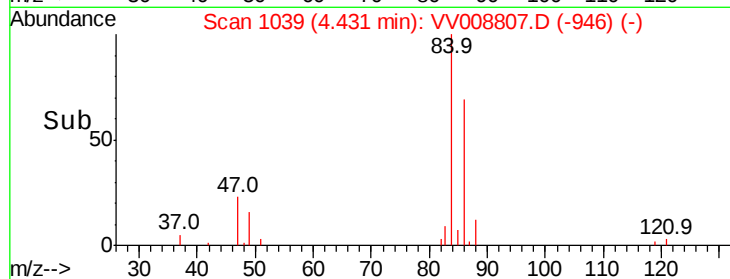
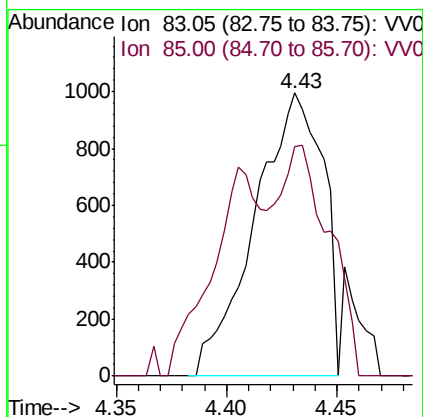
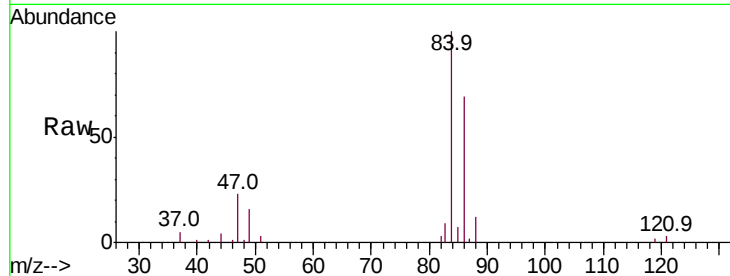




#25
Chloroform
Concen: 0.114 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008807.D
Acq: 30 Nov 2018 12:47

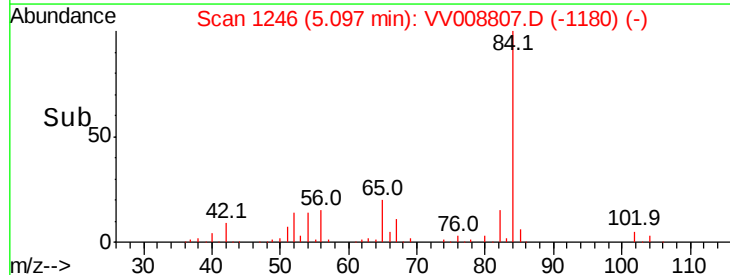
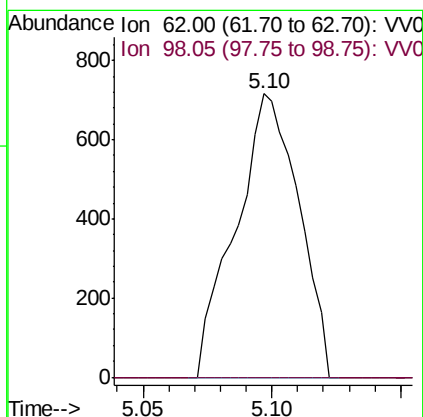
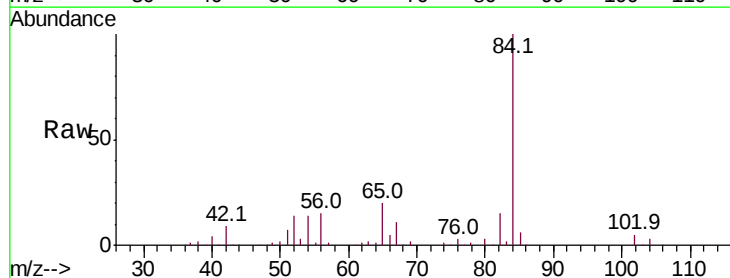
Instrument :
MSVOA_V
ClientSampled :

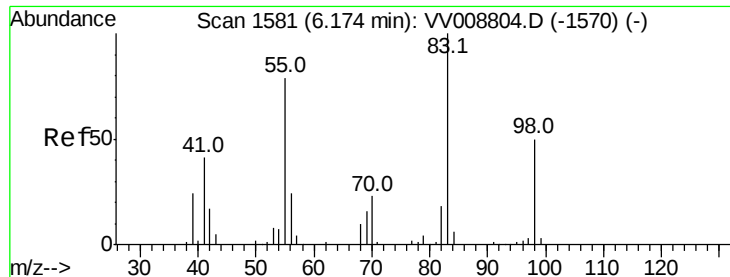
Tot Ion: 83 Resp: 2136
Ion Ratio Lower Upper
83 100
85 81.1 47.0 87.4



#27
1,2-Dichloroethane
Concen: 0.114 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.09 min
Lab File: VV008807.D
Acq: 30 Nov 2018 12:47

Tgt Ion: 62 Resp: 1222
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#

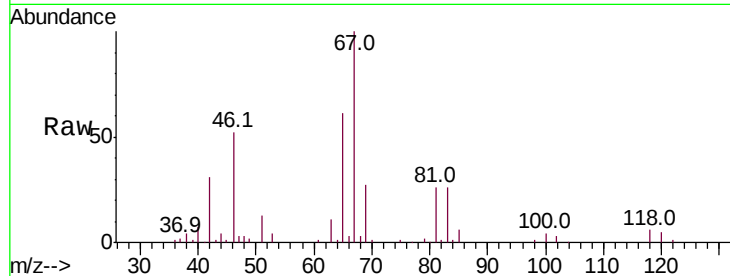




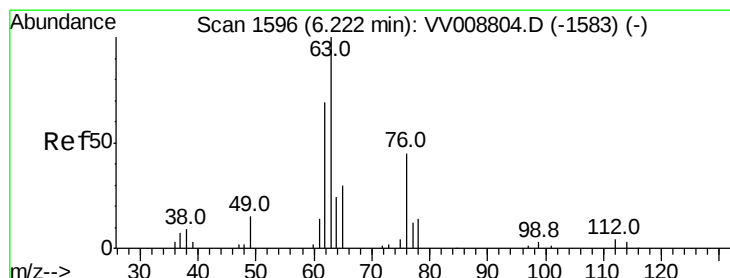
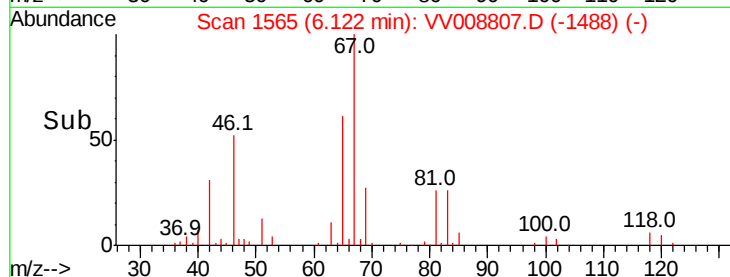
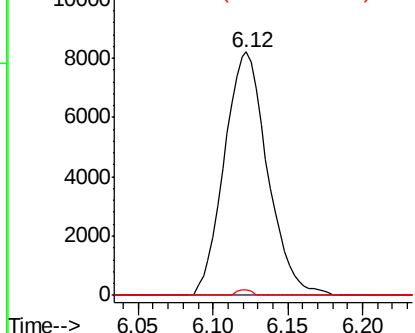
#35
Methvlcvclohexane
Concen: 0.929 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008807.D
Acq: 30 Nov 2018 12:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 16510
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 0.7 37.4 56.2#

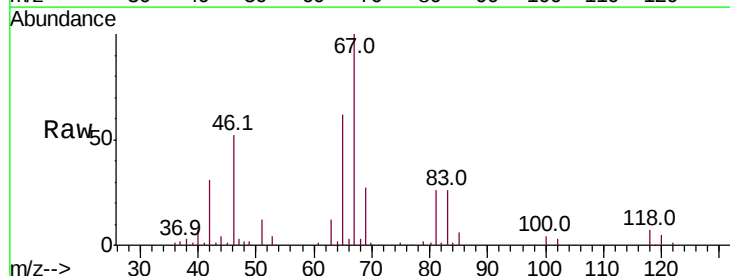


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

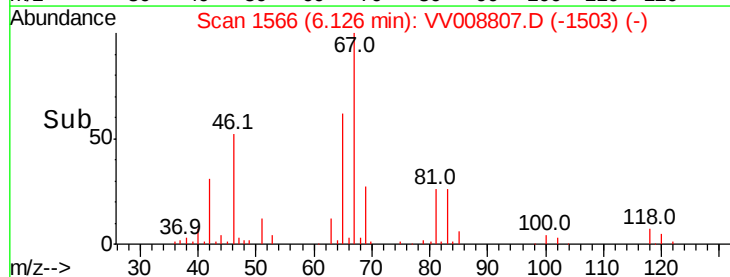
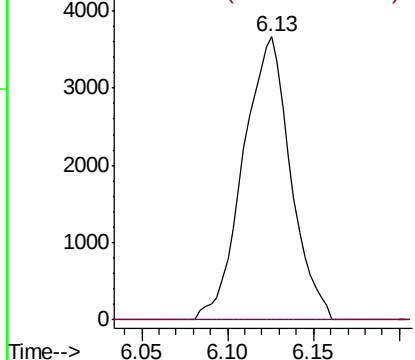


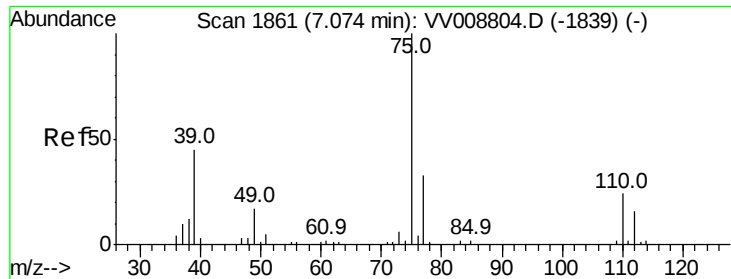
#37
1,2-Dichloropropane
Concen: 0.701 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008807.D
Acq: 30 Nov 2018 12:47

Tgt Ion: 63 Resp: 7022
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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



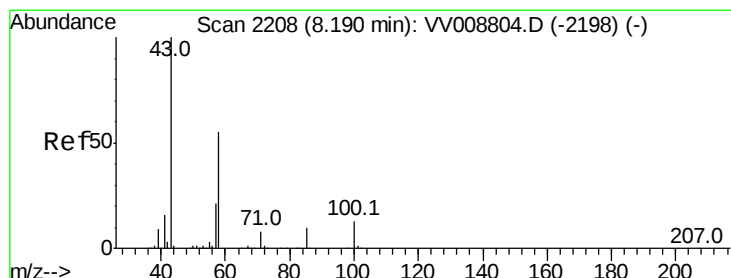
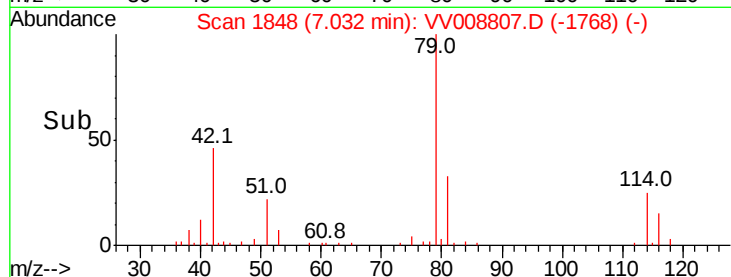
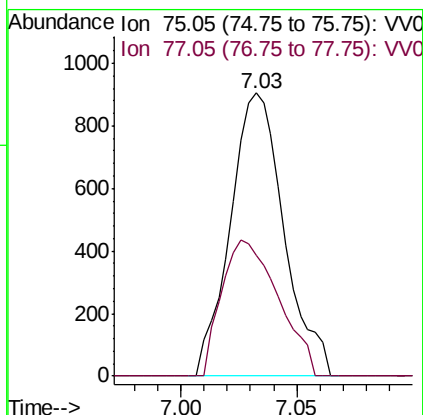
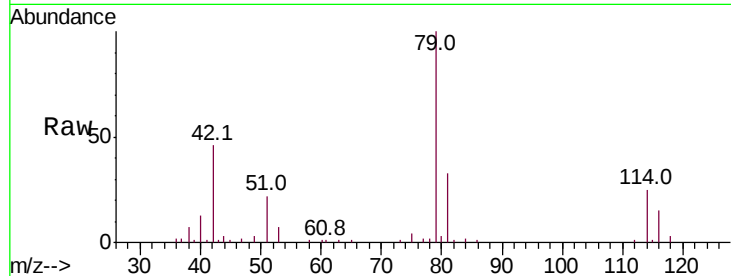


#39

cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008807.D
Acq: 30 Nov 2018 12:47

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 1457
Ion Ratio Lower Upper
75 100
77 42.7 22.8 42.4#



#48

2-Hexanone
Concen: 3.027 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008807.D
Acq: 30 Nov 2018 12:47

Tgt Ion: 43 Resp: 11015
Ion Ratio Lower Upper
43 100
58 35.7 44.5 66.7#
57 35.2 15.2 22.8#
100 0.4 9.6 14.4#

