

Data File : VV008831.D
Acq On : 03 Dec 2018 14:49
Operator : SY/MD
Sample : J6096-27
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4176

Quant Time: Dec 04 08:02:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 04 07:59:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	138034	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131286	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59028	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40268	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.59	69	30829	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.14	63	58047	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.96	46	118496	55.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.80%
24) Chloroform-d	4.41	84	96875	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.09	65	49313	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.10	84	193040	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	57667	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	168622	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.67	79	20144	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.14	63	88864	52.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38021	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	62101	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

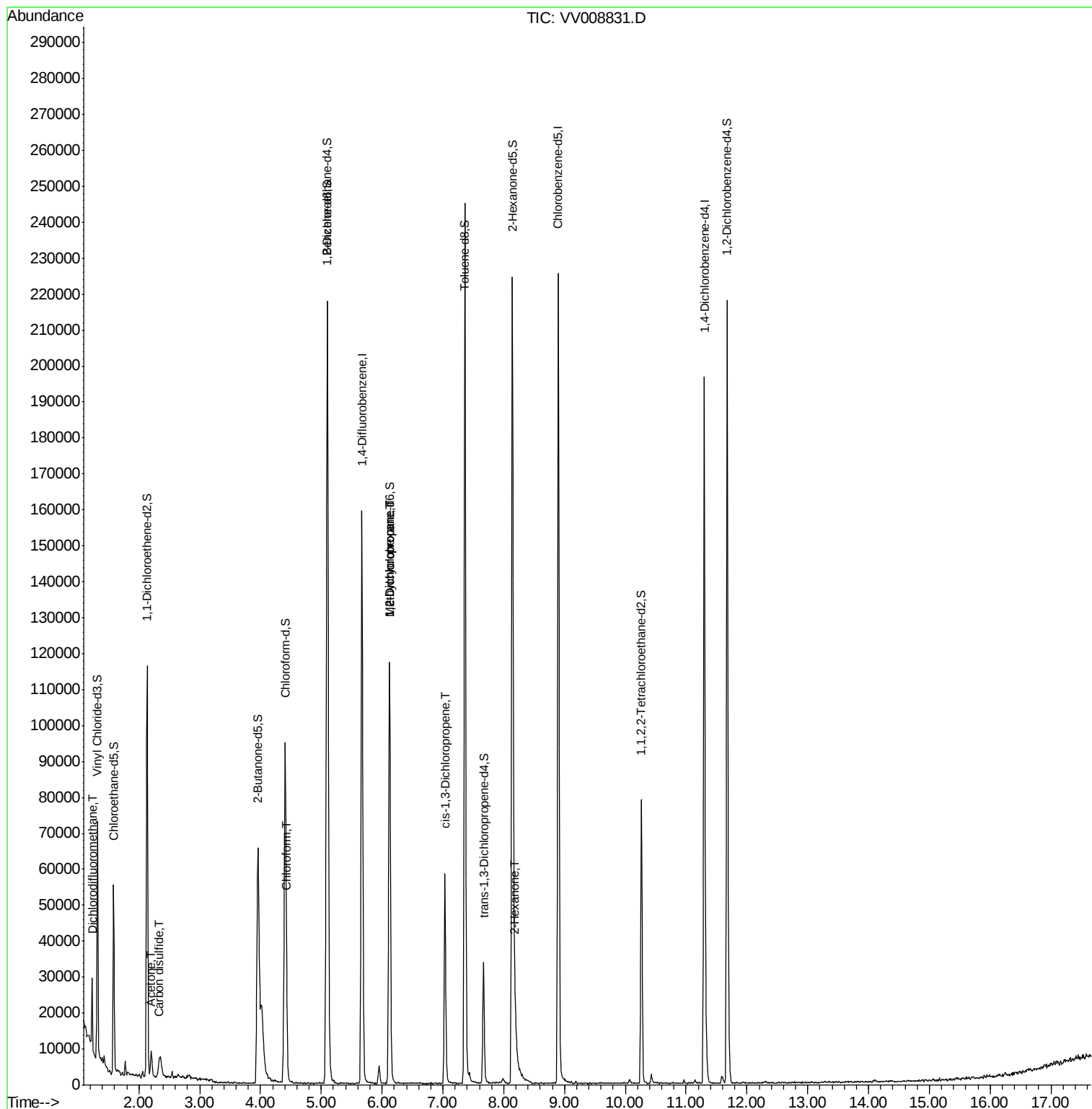
						Qvalue
2) Dichlorodifluoromethane	1.23	85	1296	0.106	ug/L	97
13) Acetone	2.21	43	8694	8.156	ug/L	93
14) Carbon disulfide	2.32	76	1788	0.091	ug/L	97
25) Chloroform	4.44	83	2819	0.156	ug/L	95
35) Methylcyclohexane	6.12	83	13959	0.804	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6376	0.651	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1449	0.113	ug/L #	34
48) 2-Hexanone	8.19	43	5862	1.649	ug/L #	87

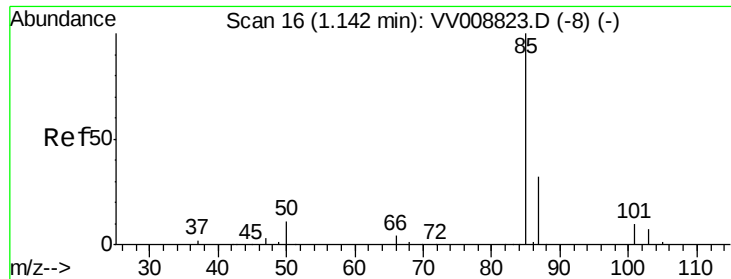
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.106 ug/L

RT: 1.23 min Scan# 44

Delta R.T. 0.09 min

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Acq: 03 Dec 2018 14:49

Instrument :

MSVOA_V

ClientSampleId :

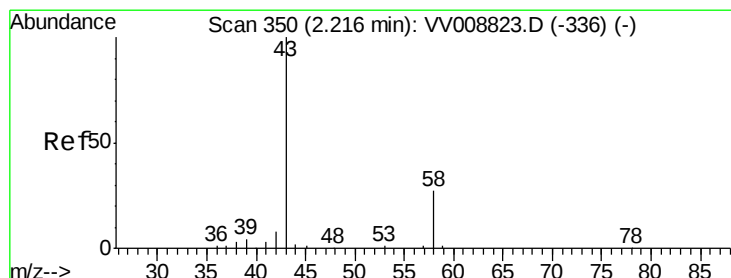
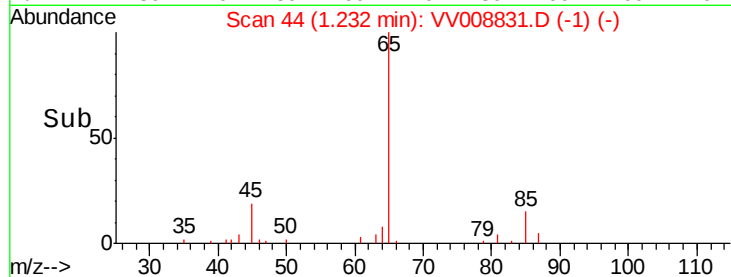
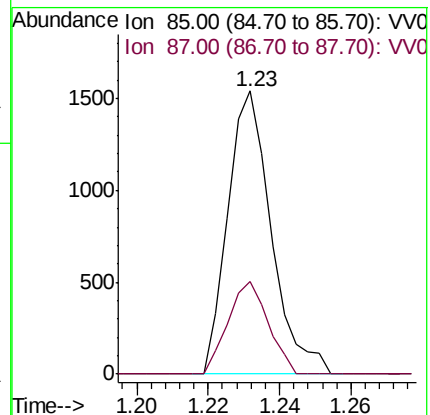
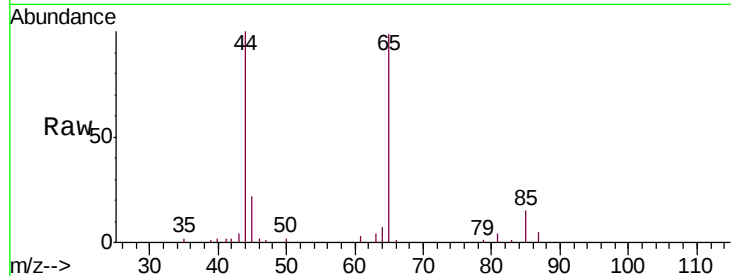
A4176

Tgt Ion: 85 Resp: 1296

Ion Ratio Lower Upper

85 100

87 30.2 25.4 38.0



#13

Acetone

Concen: 8.156 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

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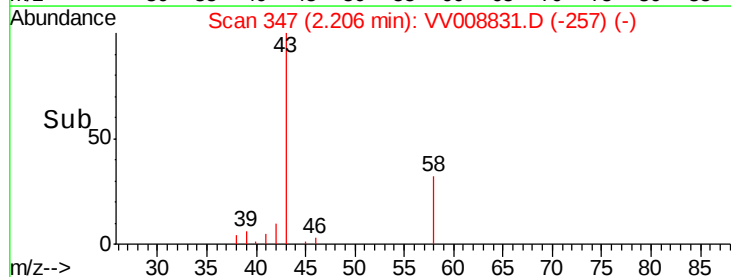
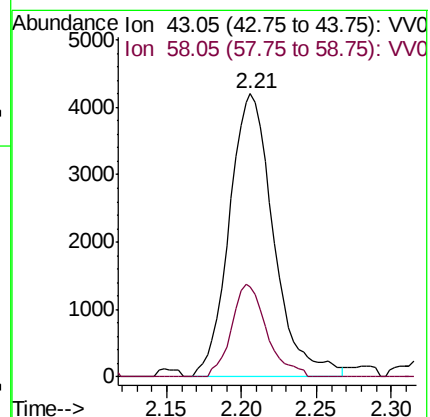
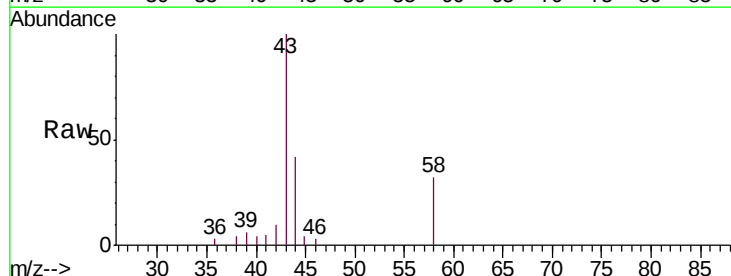
Acq: 03 Dec 2018 14:49

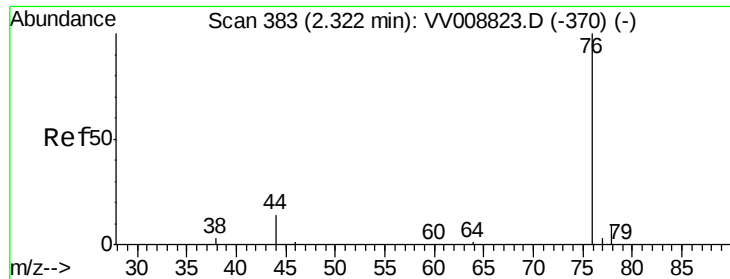
Tgt Ion: 43 Resp: 8694

Ion Ratio Lower Upper

43 100

58 25.9 0.0 59.8

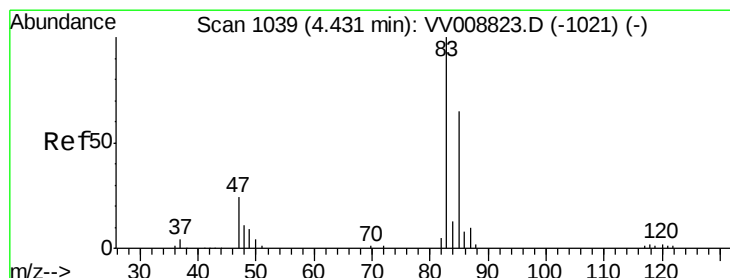
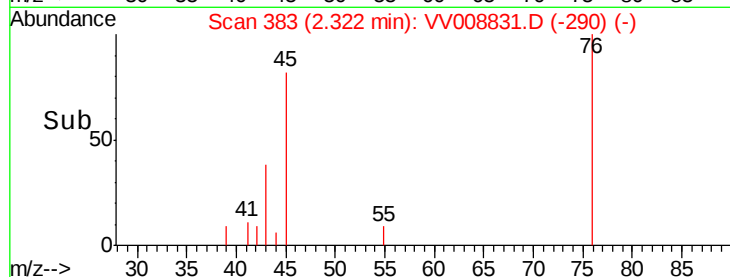
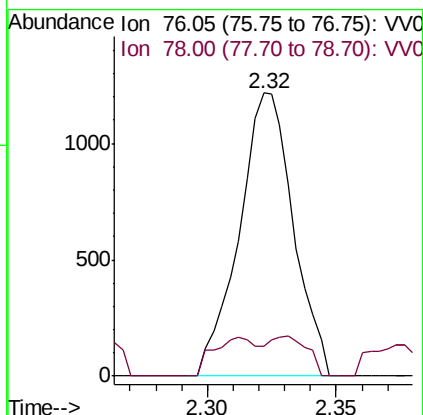
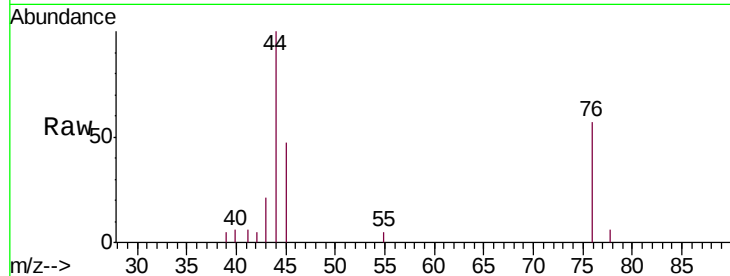




#14
Carbon disulfide
Concen: 0.091 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VV008831.D
Acq: 03 Dec 2018 14:49

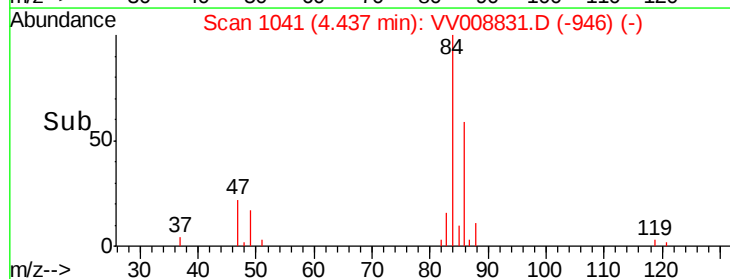
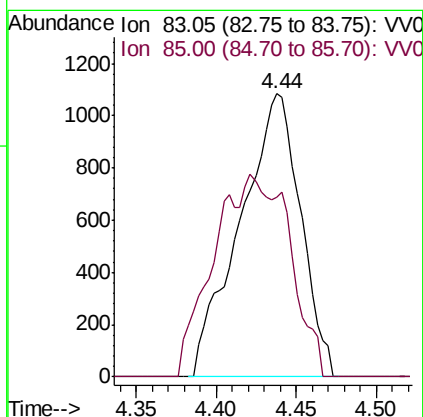
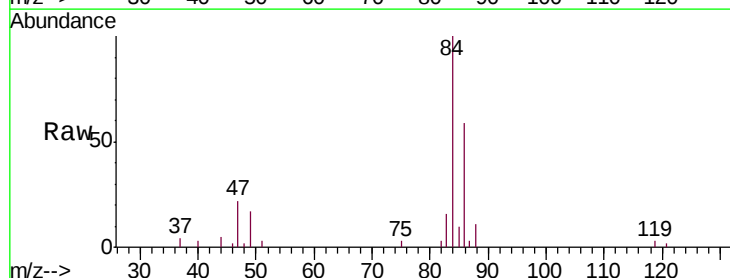
Instrument :
MSVOA_V
ClientSampled :
A4176

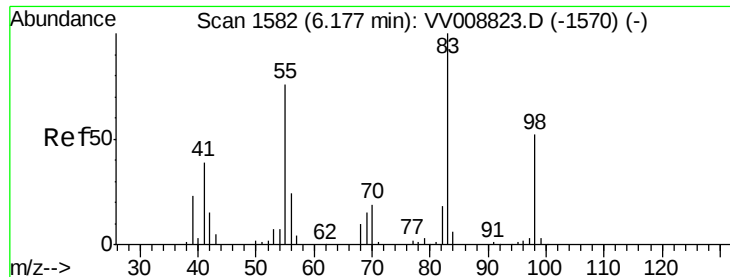
Tgt Ion: 76 Resp: 1788
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3



#25
Chloroform
Concen: 0.156 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV008831.D
Acq: 03 Dec 2018 14:49

Tgt Ion: 83 Resp: 2819
Ion Ratio Lower Upper
83 100
85 63.6 47.0 87.4

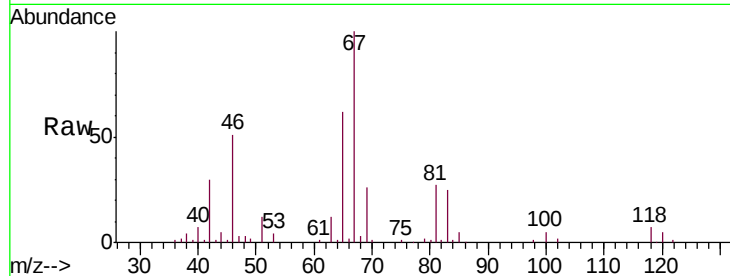




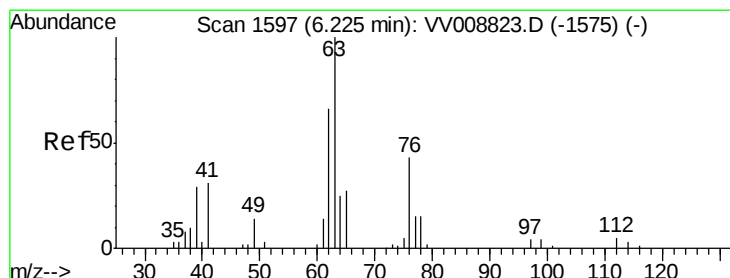
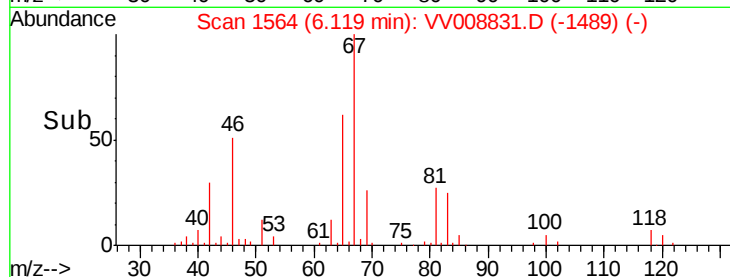
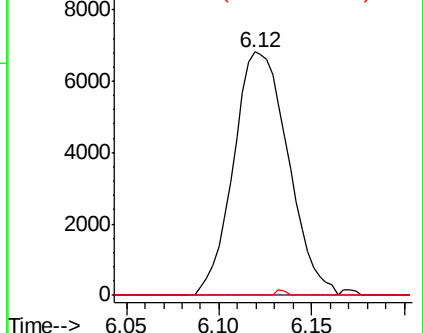
#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008831.D
Acq: 03 Dec 2018 14:49

Instrument :
MSVOA_V
ClientSampleId :
A4176

Tgt Ion: 83 Resp: 13959
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 0.4 37.4 56.2#

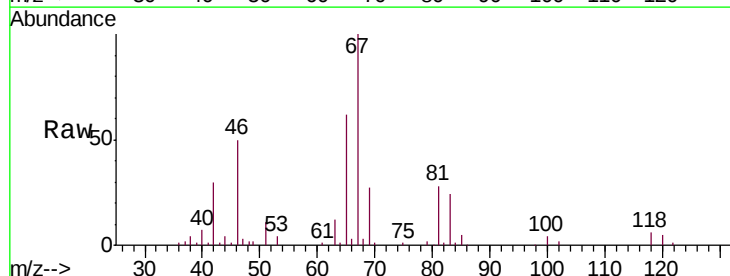


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

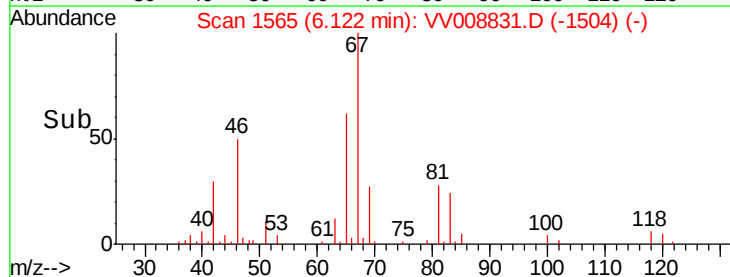
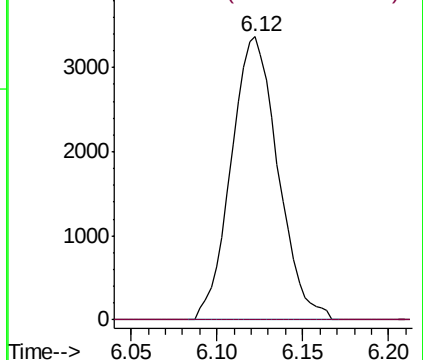


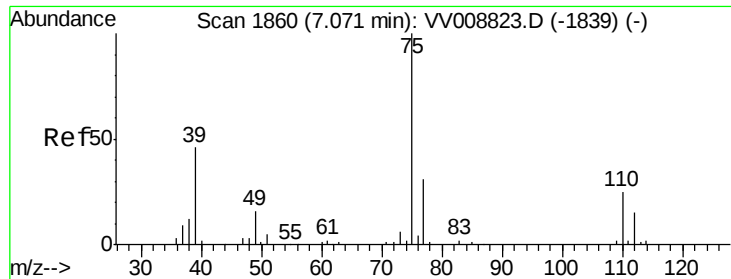
#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008831.D
Acq: 03 Dec 2018 14:49

Tgt Ion: 63 Resp: 6376
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

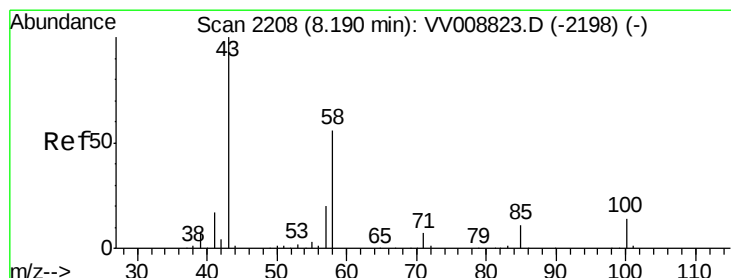
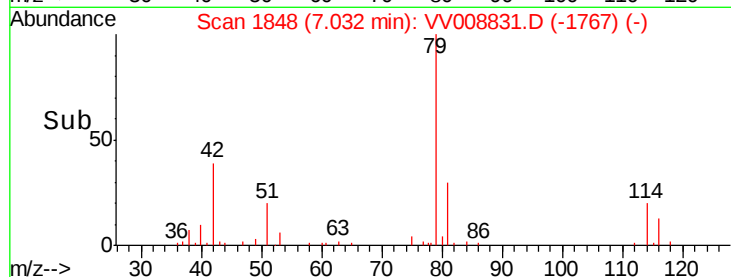
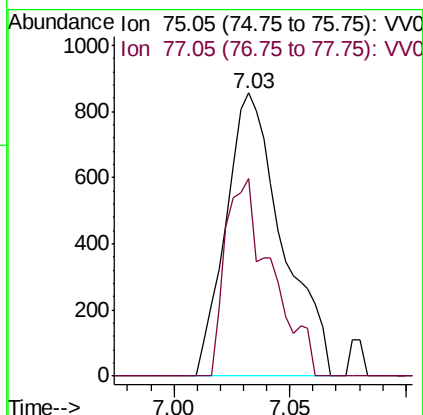
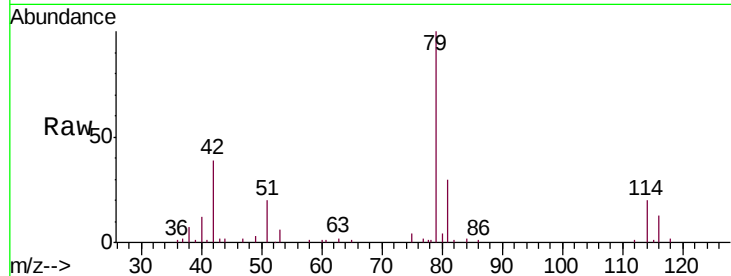




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008831.D
 Acq: 03 Dec 2018 14:49

Instrument :
 MSVOA_V
 ClientSampleId :
 A4176

Tgt Ion: 75 Resp: 1449
 Ion Ratio Lower Upper
 75 100
 77 70.0 22.8 42.4#



#48
 2-Hexanone
 Concen: 1.649 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VV008831.D
 Acq: 03 Dec 2018 14:49

Tgt Ion: 43 Resp: 5862
 Ion Ratio Lower Upper
 43 100
 58 45.4 44.5 66.7
 57 15.4 15.2 22.8
 100 4.6 9.6 14.4#

