

Data File : VV014226.D
Acq On : 30 Dec 2019 18:20
Operator : SY/MD
Sample : K6459-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0BP9

Quant Time: Dec 31 06:04:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 06:00:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	854390	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	782066	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	354491	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	204143	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.58	69	183275	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.13	63	277912	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.93	46	651981	65.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.18%#
24) Chloroform-d	4.40	84	413211	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.08	65	255657	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.10	84	1035687	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.11	67	325373	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	940958	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.66	79	136651	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.13	63	562605	51.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.54%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	225566	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	309113	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

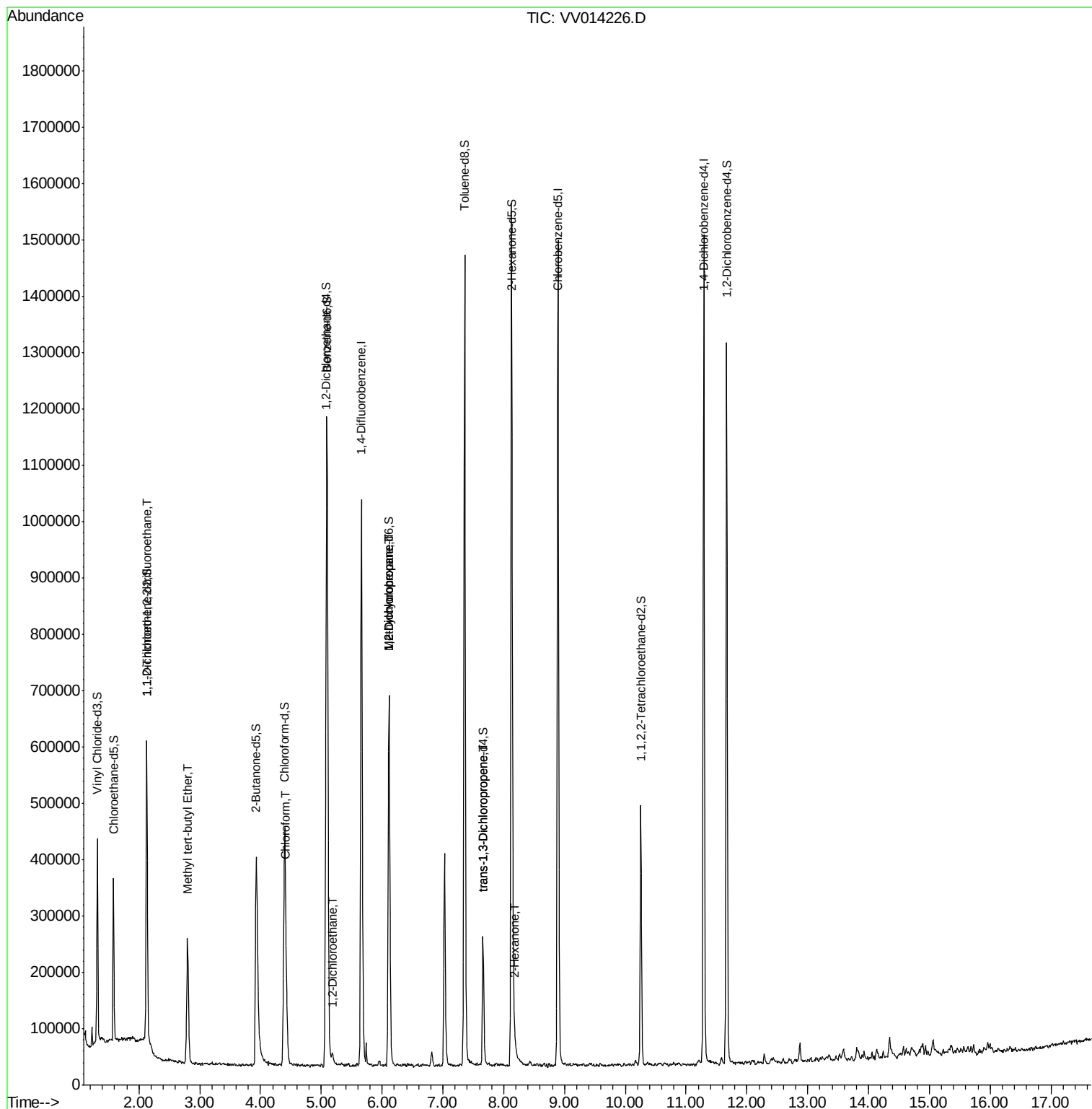
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3175	0.082	ug/L #	42
17) Methyl tert-butyl Ether	2.80	73	229087	1.639	ug/L	97
25) Chloroform	4.42	83	88618	0.800	ug/L	99
27) 1,2-Dichloroethane	5.19	62	19635	0.316	ug/L	97
35) Methylcyclohexane	6.11	83	76619	0.710	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	35686	0.607	ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	5995	0.080	ug/L	84
48) 2-Hexanone	8.19	43	15147	0.599	ug/L #	94

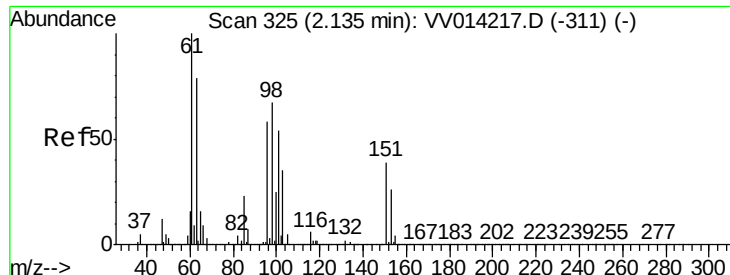
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.082 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

H0BP9

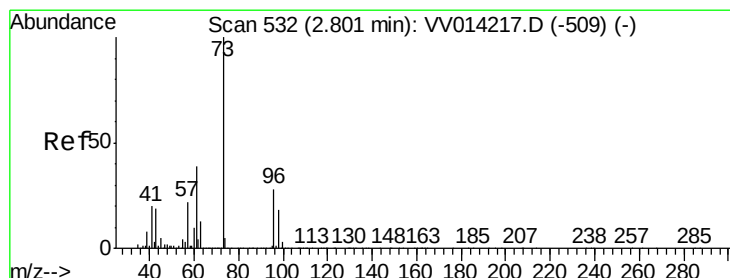
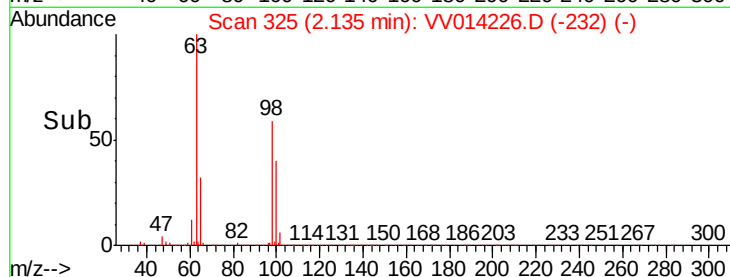
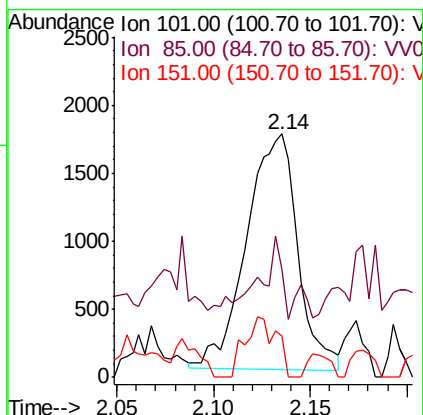
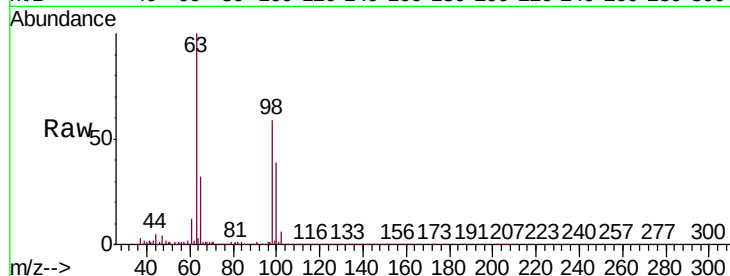
Tgt Ion: 101 Resp: 3175

Ion Ratio Lower Upper

101 100

85 21.3 34.9 52.3#

151 15.7 62.5 93.7#



#17

Methyl tert-butyl Ether

Concen: 1.639 ug/L

RT: 2.80 min Scan# 532

Delta R.T. 0.00 min

Lab File: VV014226.D

Acq: 30 Dec 2019 18:20

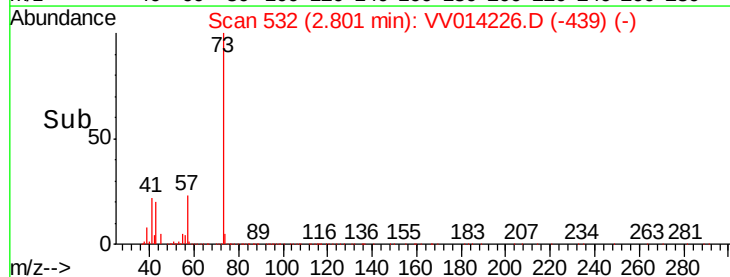
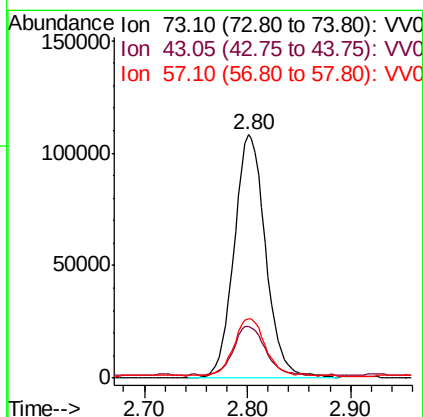
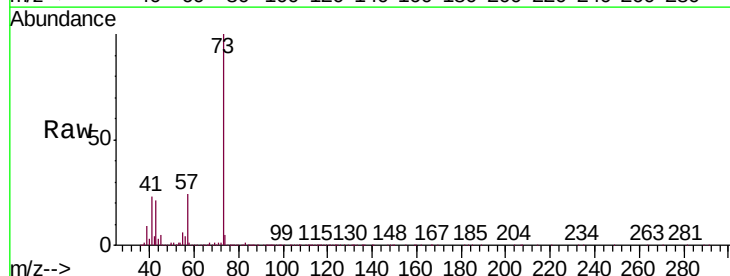
Tgt Ion: 73 Resp: 229087

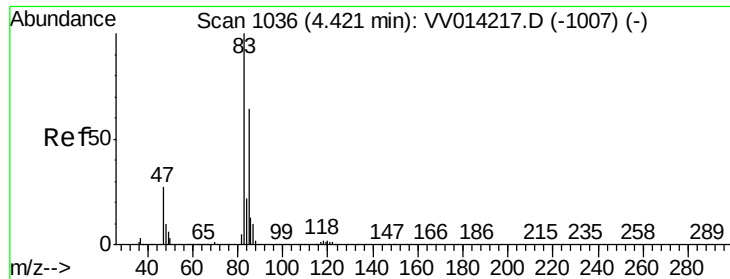
Ion Ratio Lower Upper

73 100

43 20.5 14.7 22.1

57 23.3 17.9 26.9

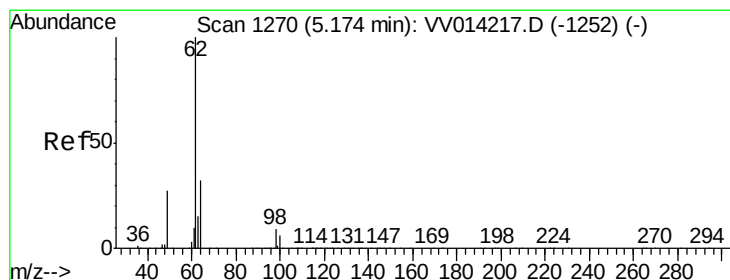
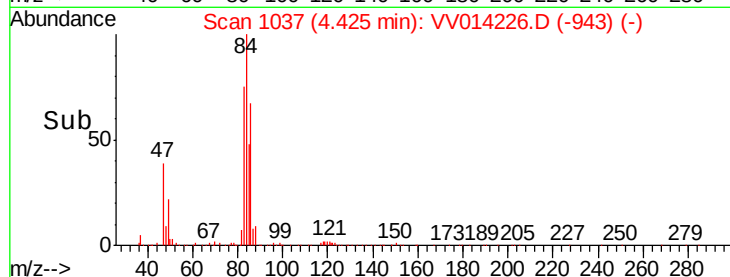
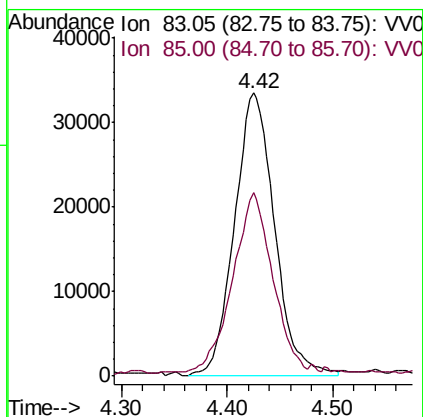
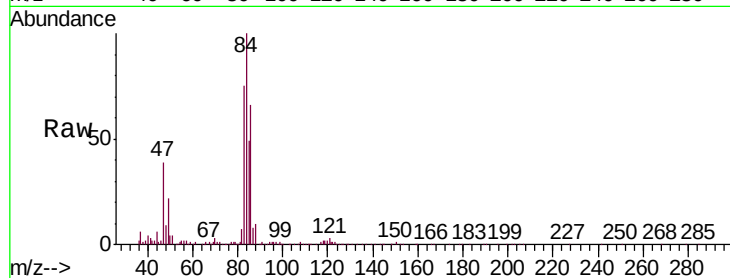




#25
Chloroform
Concen: 0.800 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014226.D
Acq: 30 Dec 2019 18:20

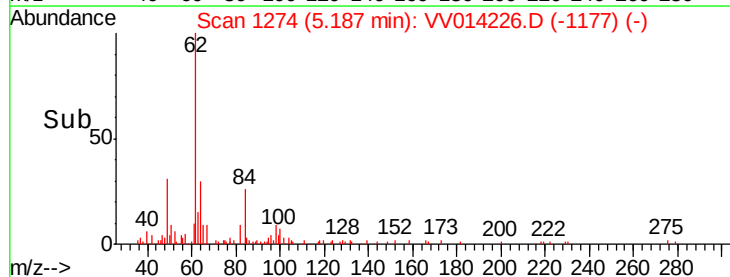
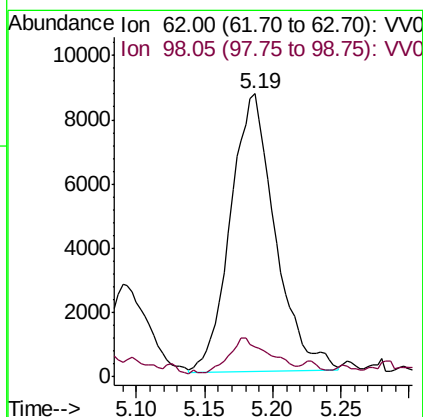
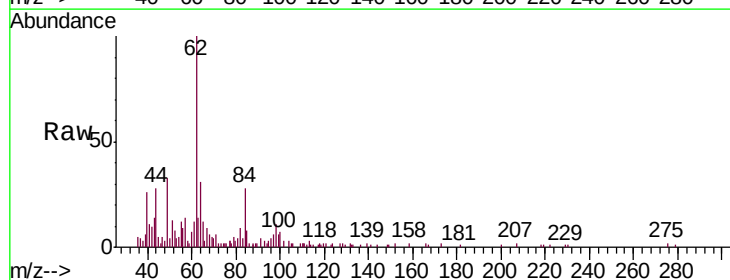
Instrument :
MSVOA_V
ClientSampleId :
H0BP9

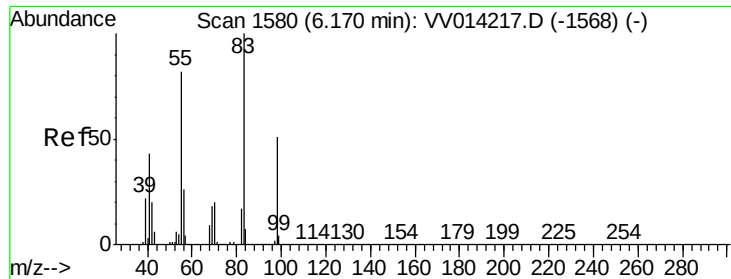
Tgt Ion: 83 Resp: 88618
Ion Ratio Lower Upper
83 100
85 64.9 46.2 85.8



#27
1,2-Dichloroethane
Concen: 0.316 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VV014226.D
Acq: 30 Dec 2019 18:20

Tgt Ion: 62 Resp: 19635
Ion Ratio Lower Upper
62 100
98 10.5 9.2 13.8

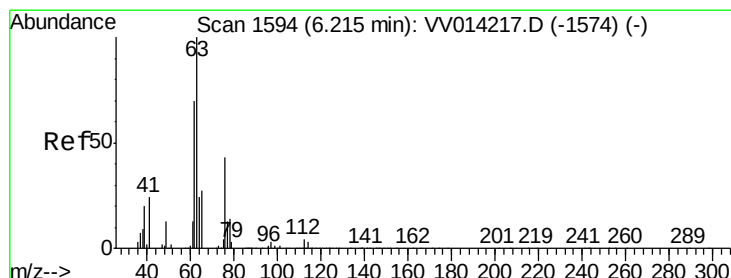
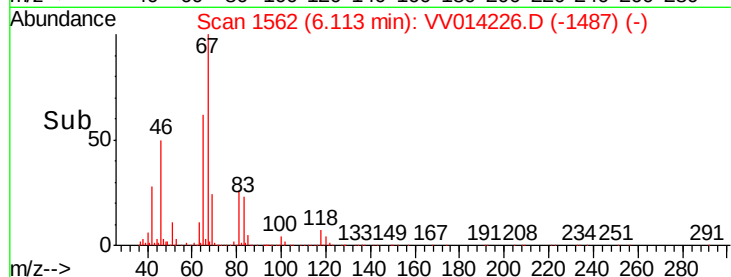
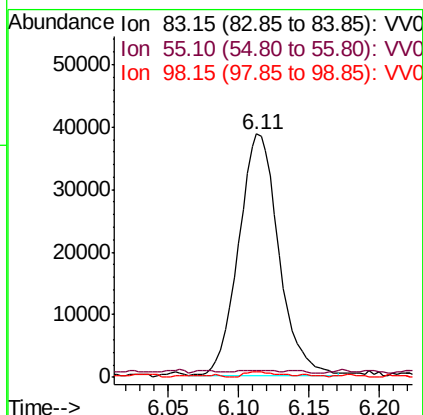
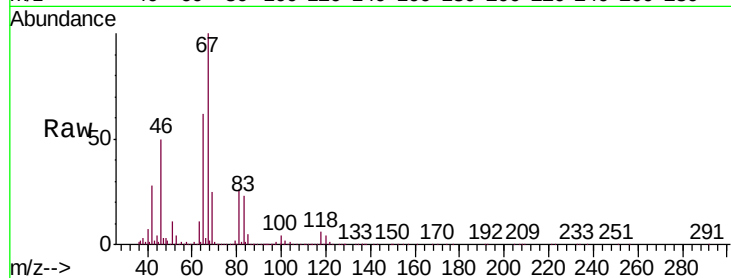




#35
Methylcyclohexane
Concen: 0.710 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014226.D
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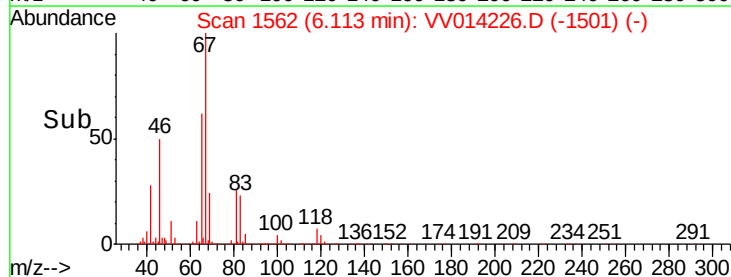
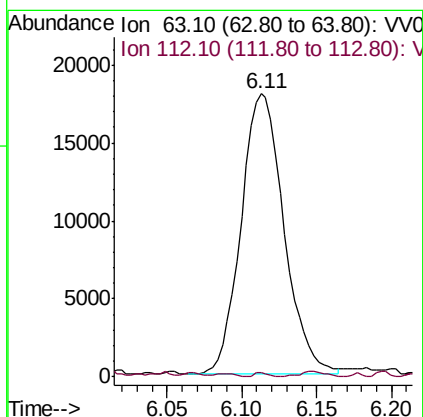
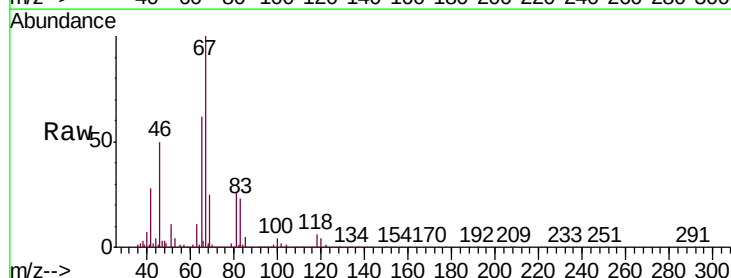
Instrument :
MSVOA_V
ClientSampleId :
H0BP9

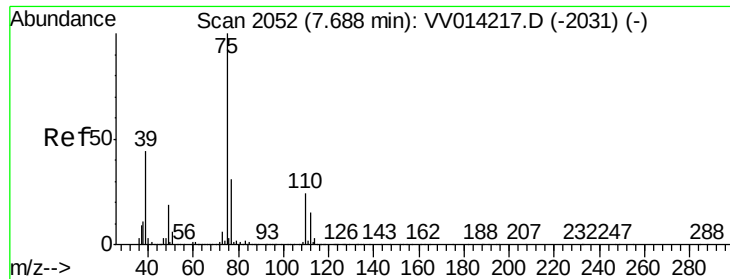
Tgt Ion: 83 Resp: 76619
Ion Ratio Lower Upper
83 100
55 0.6 61.7 92.5#
98 1.9 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014226.D
Acq: 30 Dec 2019 18:20

Tgt Ion: 63 Resp: 35686
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#





#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014226.D

Acq: 30 Dec 2019 18:20

Instrument :

MSVOA_V

ClientSampleId :

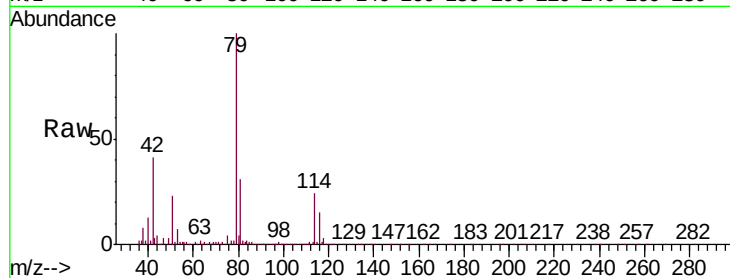
H0BP9

Tgt Ion: 75 Resp: 5995

Ion Ratio Lower Upper

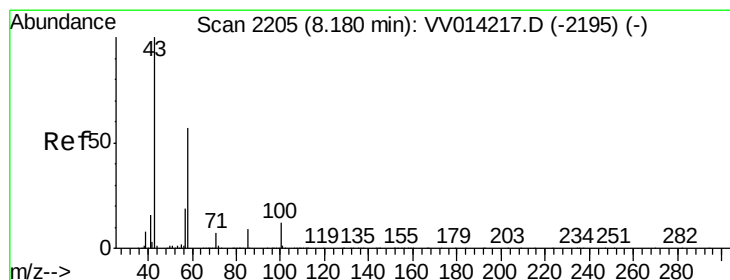
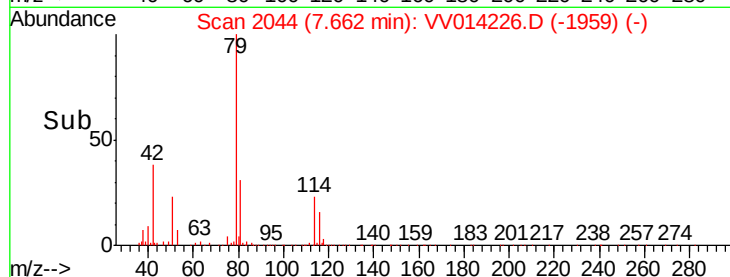
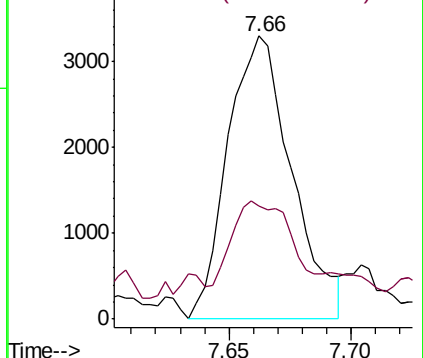
75 100

77 40.1 22.0 41.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 0.599 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.01 min

Lab File: VV014226.D

Acq: 30 Dec 2019 18:20

Tgt Ion: 43 Resp: 15147

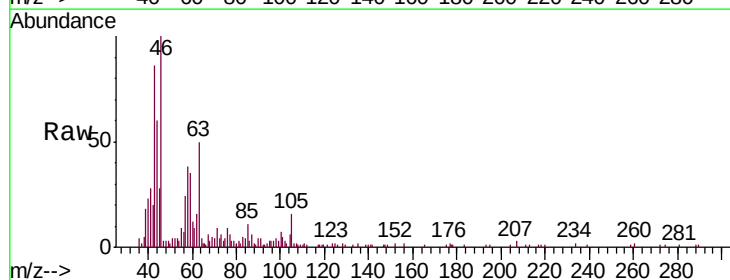
Ion Ratio Lower Upper

43 100

58 55.8 45.4 68.0

57 25.2 15.8 23.8#

100 6.2 10.2 15.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

