

Data File : VV010481.D
Acq On : 24 Apr 2019 23:59
Operator : SY/MD
Sample : K2477-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XA6

Quant Time: Apr 25 04:07:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 04:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	215606	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	224850	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60017	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	48222	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	91768	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.95	46	139710	52.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.86%
24) Chloroform-d	4.40	84	118034	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.09	65	70683	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.10	84	273585	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.12	67	80222	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.36	98	232547	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.67	79	26267	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	109042	46.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58487	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	97307	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

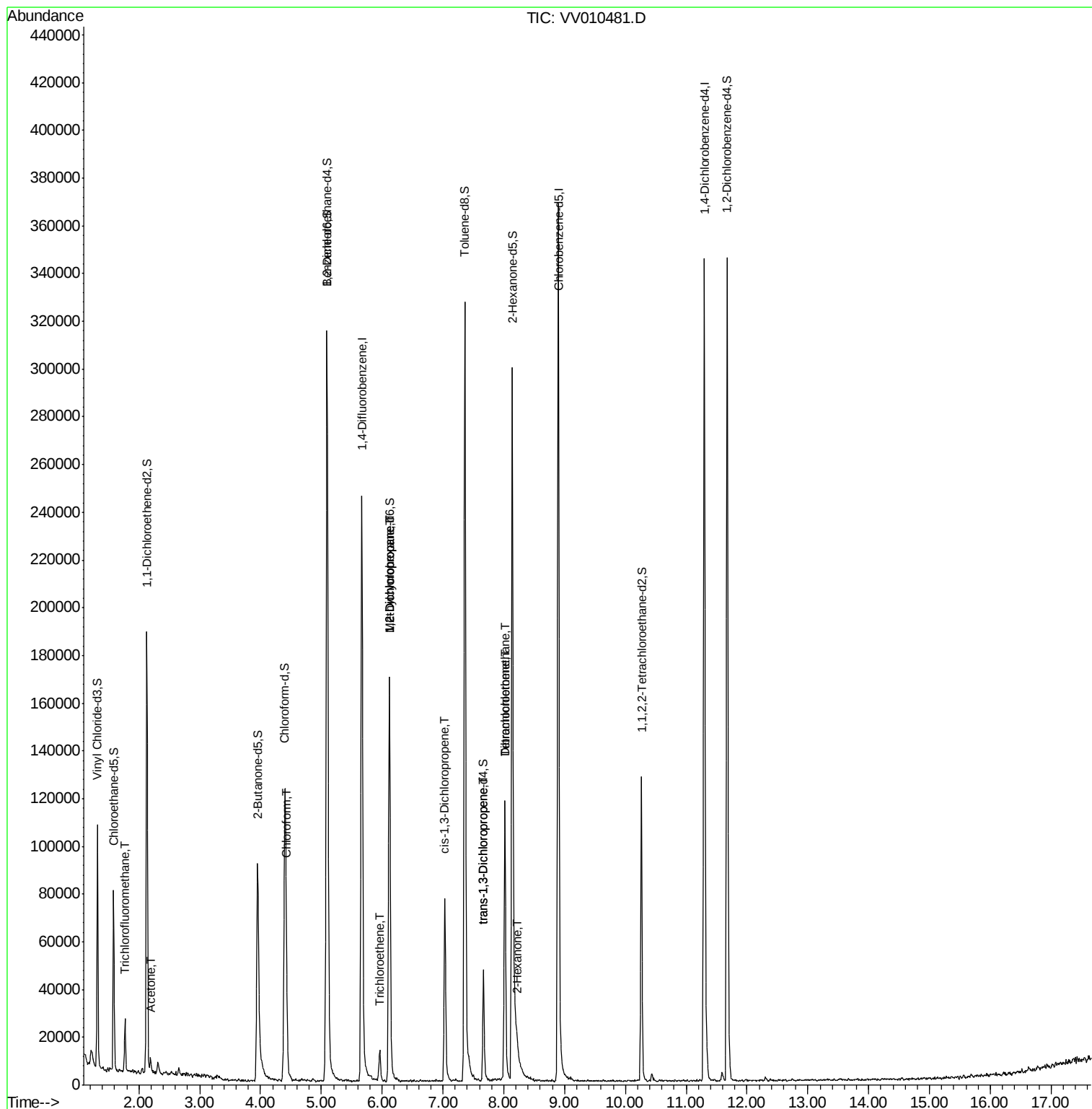
					Qvalue
9) Trichlorofluoromethane	1.77	101	12504	0.459 ug/L	90
13) Acetone	2.19	43	3944	2.460 ug/L	88
25) Chloroform	4.43	83	21239	0.798 ug/L	95
34) Trichloroethene	5.96	95	4143	0.250 ug/L #	87
35) Methylcyclohexane	6.12	83	19183	0.771 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	9787	0.702 ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1804	0.087 ug/L #	75
44) trans-1,3-Dichloropropene	7.67	75	1535	0.096 ug/L #	75
47) Tetrachloroethene	8.02	164	27270	1.841 ug/L	95
48) 2-Hexanone	8.23	43	7813	1.424 ug/L #	83
49) Dibromochloromethane	8.02	129	22804	1.727 ug/L #	9

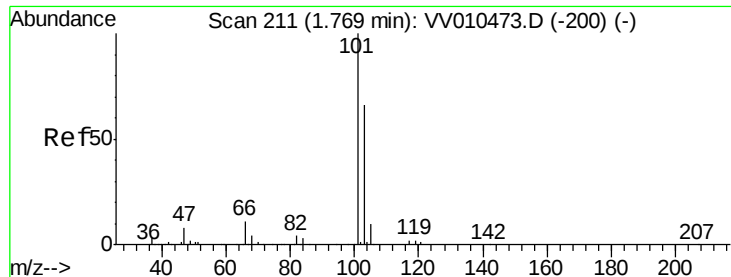
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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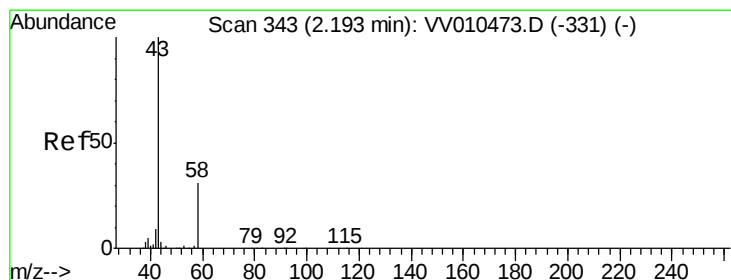
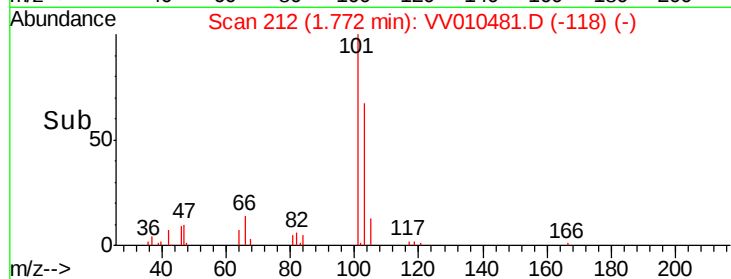
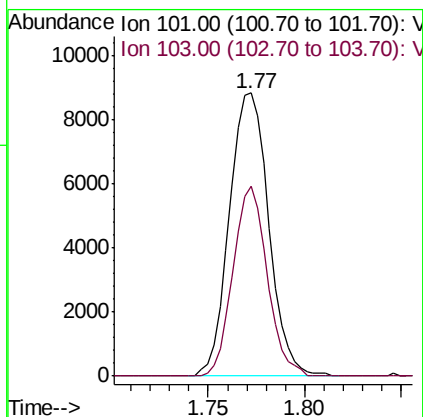
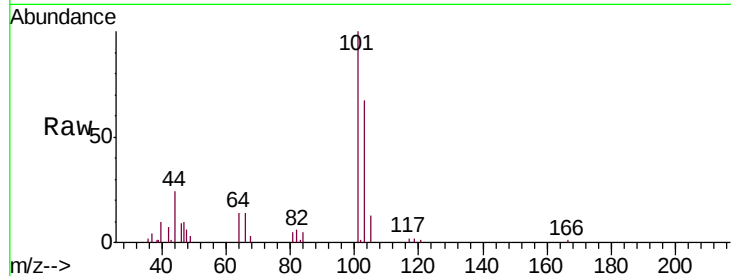




#9
 Trichlorofluoromethane
 Concen: 0.459 ug/L
 RT: 1.77 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VV010481.D
 Acq: 24 Apr 2019 23:59

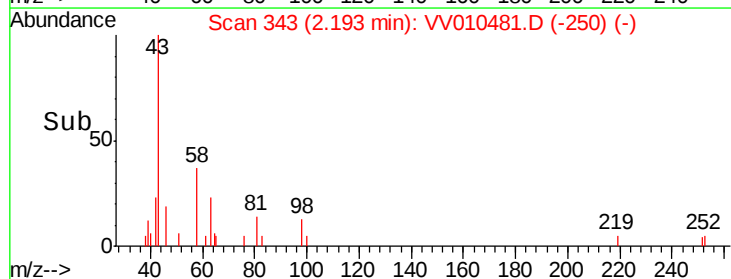
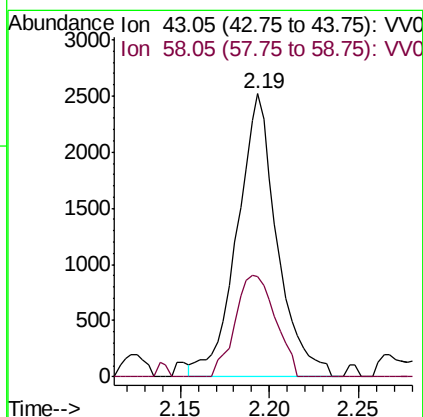
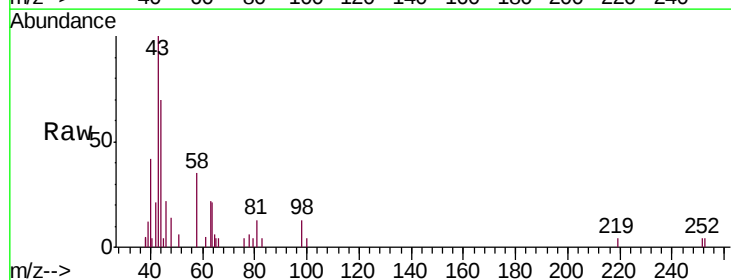
Instrument :
 MSVOA_V
 ClientSampleId :
 C0XA6

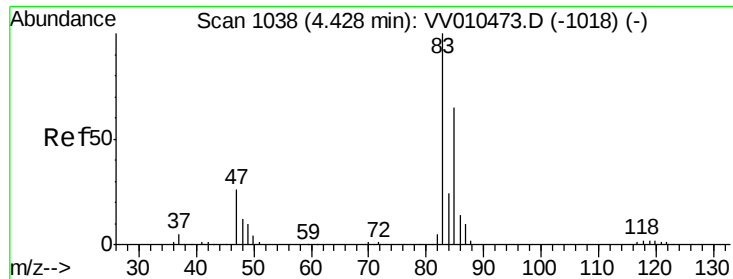
Tgt Ion:101 Resp: 12504
 Ion Ratio Lower Upper
 101 100
 103 58.1 52.6 78.8



#13
 Acetone
 Concen: 2.460 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV010481.D
 Acq: 24 Apr 2019 23:59

Tgt Ion: 43 Resp: 3944
 Ion Ratio Lower Upper
 43 100
 58 36.2 0.0 59.6

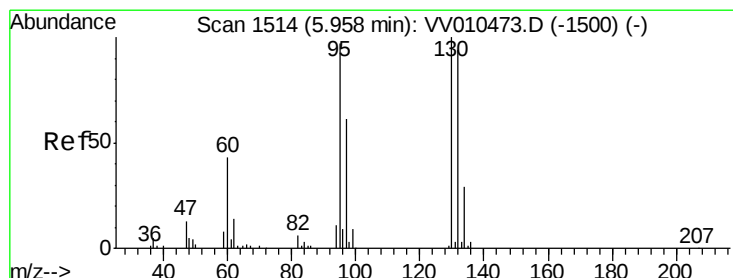
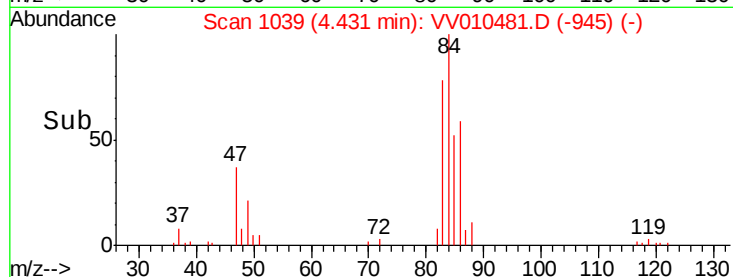
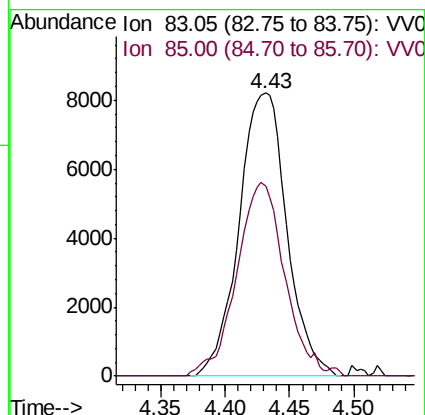
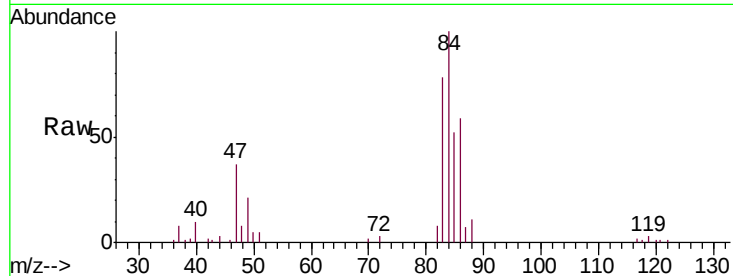




#25
Chloroform
Concen: 0.798 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV010481.D
Acq: 24 Apr 2019 23:59

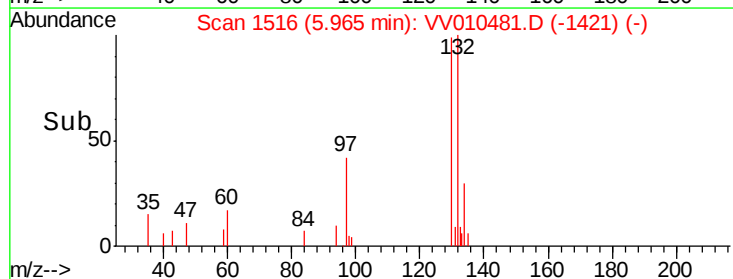
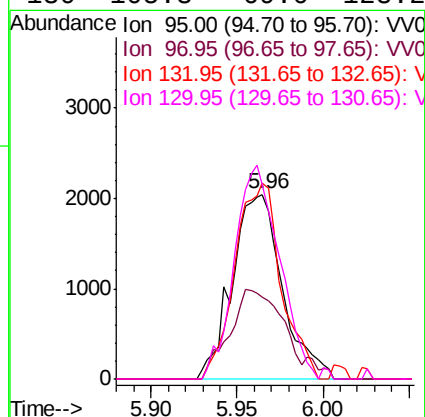
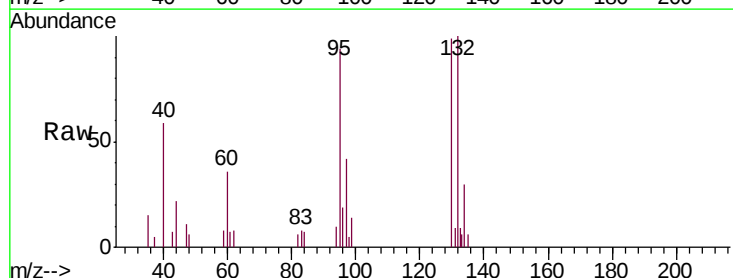
Instrument :
MSVOA_V
ClientSampleId :
C0XA6

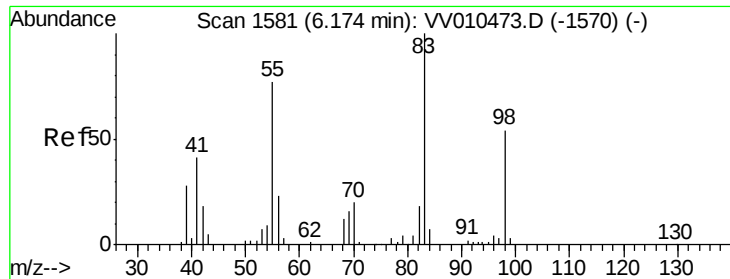
Tgt Ion: 83 Resp: 21239
Ion Ratio Lower Upper
83 100
85 67.0 44.3 82.3



#34
Trichloroethene
Concen: 0.250 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV010481.D
Acq: 24 Apr 2019 23:59

Tgt Ion: 95 Resp: 4143
Ion Ratio Lower Upper
95 100
97 44.2 45.6 84.6#
132 106.2 67.8 126.0
130 105.3 69.0 128.2

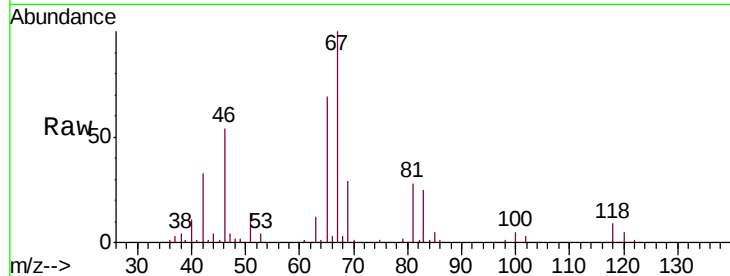




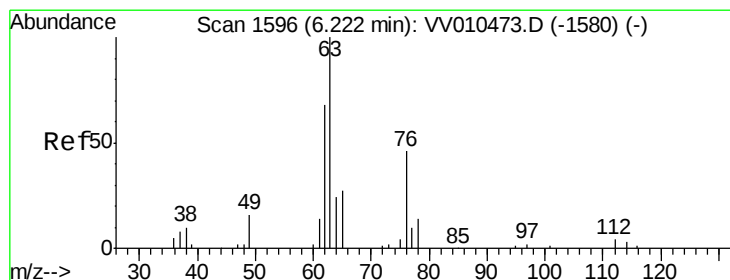
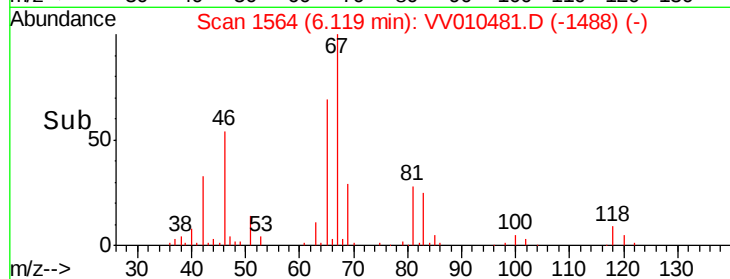
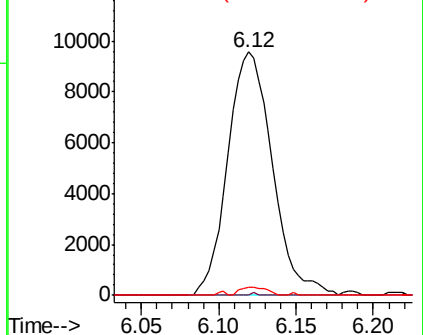
#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010481.D
Acq: 24 Apr 2019 23:59

Instrument :
MSVOA_V
ClientSampleId :
C0XA6

Tgt Ion: 83 Resp: 19183
Ion Ratio Lower Upper
83 100
55 0.1 57.8 86.6#
98 2.0 38.8 58.2#

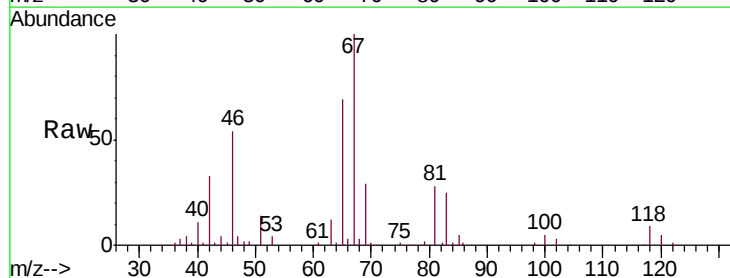


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

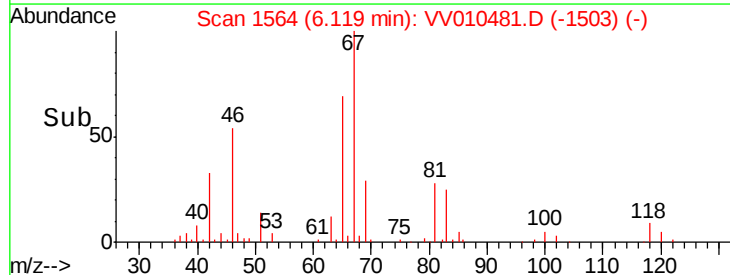
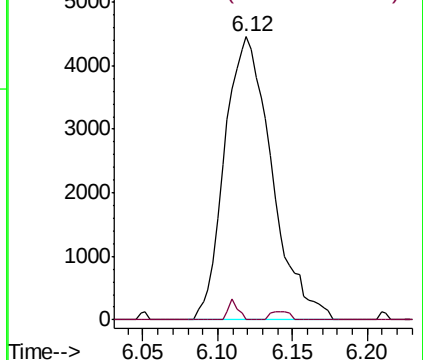


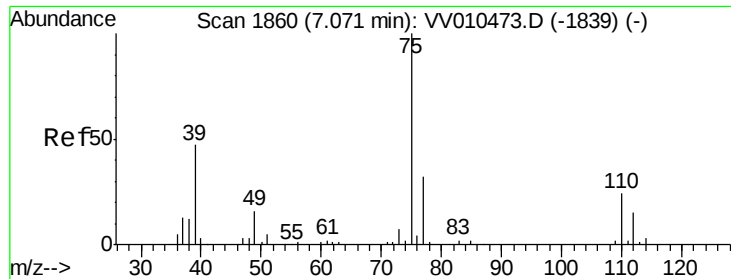
#37
1,2-Dichloropropane
Concen: 0.702 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010481.D
Acq: 24 Apr 2019 23:59

Tgt Ion: 63 Resp: 9787
Ion Ratio Lower Upper
63 100
112 1.4 3.8 5.6#



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

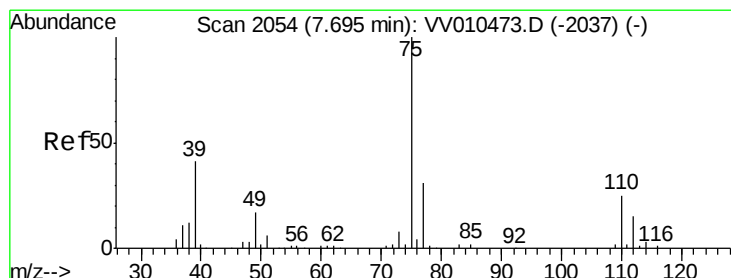
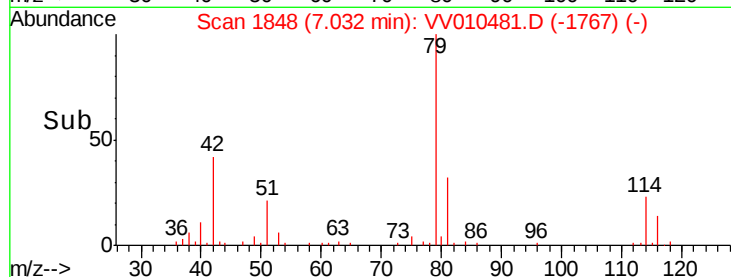
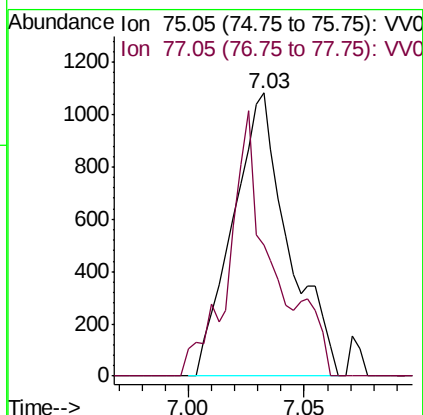
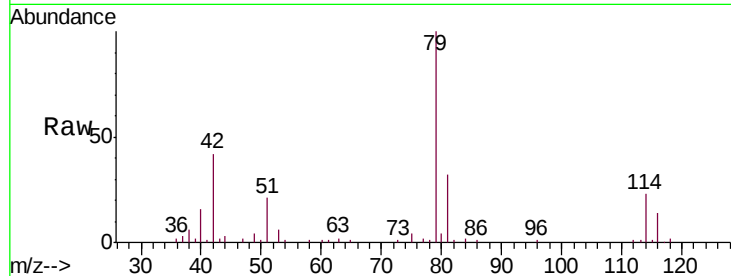




#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010481.D
 Acq: 24 Apr 2019 23:59

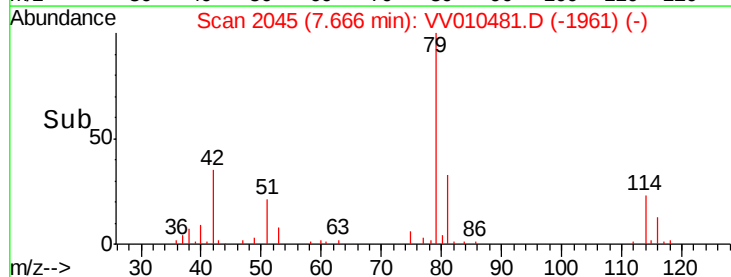
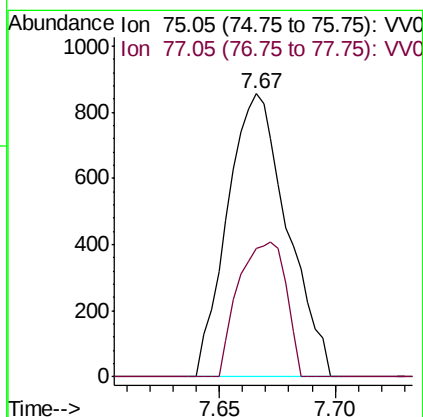
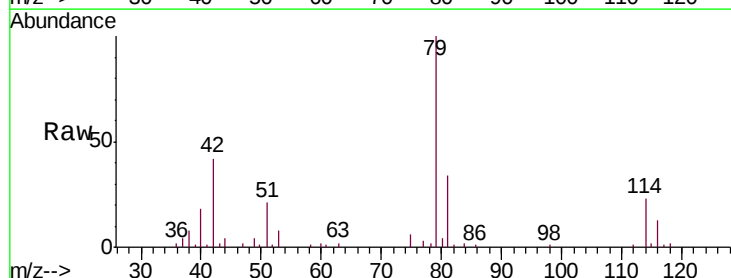
Instrument :
 MSVOA_V
 ClientSampled :
 C0XA6

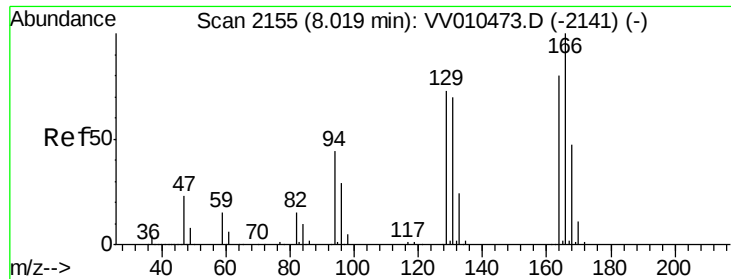
Tgt Ion: 75 Resp: 1804
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV010481.D
 Acq: 24 Apr 2019 23:59

Tgt Ion: 75 Resp: 1535
 Ion Ratio Lower Upper
 75 100
 77 45.4 22.1 41.1#





#47

Tetrachloroethene

Concen: 1.841 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010481.D

Acq: 24 Apr 2019 23:59

Instrument :

MSVOA_V

ClientSampleId :

C0XA6

Tgt Ion:164 Resp: 27270

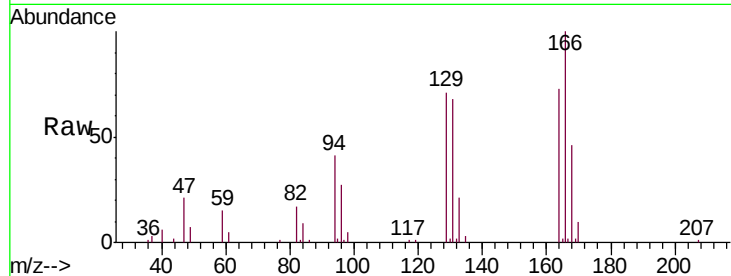
Ion Ratio Lower Upper

164 100

129 98.4 69.7 129.4

131 93.2 63.8 118.6

166 137.6 87.4 162.2

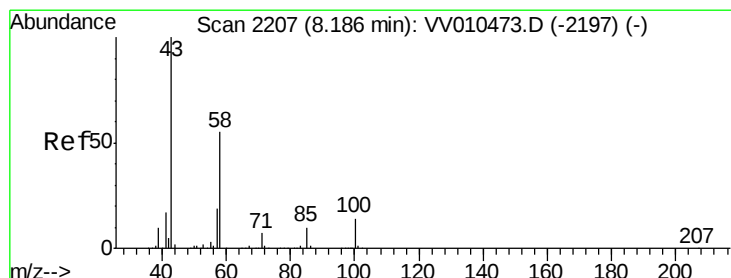
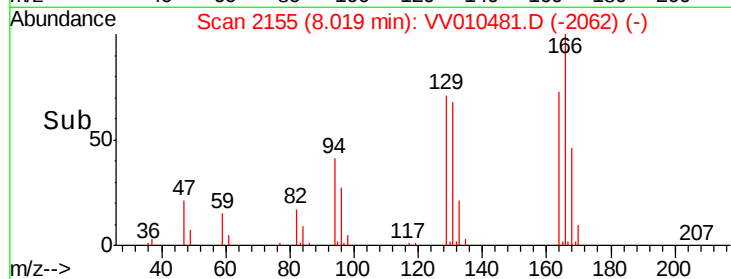
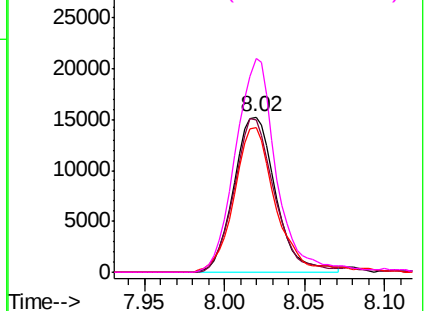


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.424 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.05 min

Lab File: VV010481.D

Acq: 24 Apr 2019 23:59

Tgt Ion: 43 Resp: 7813

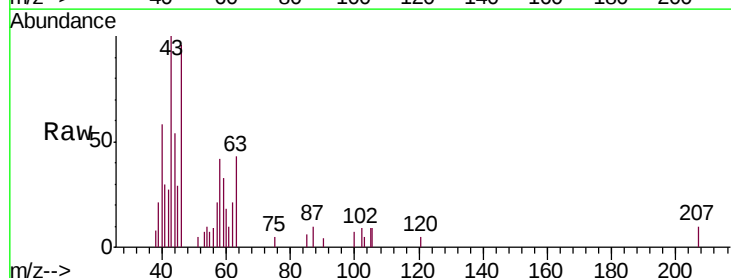
Ion Ratio Lower Upper

43 100

58 43.7 42.2 63.4

57 7.1 15.3 22.9#

100 4.3 9.6 14.4#

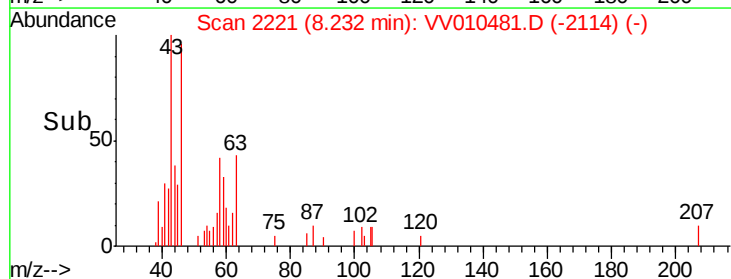
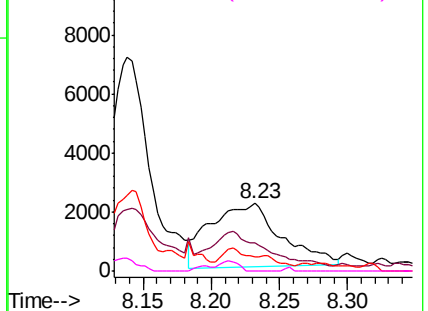


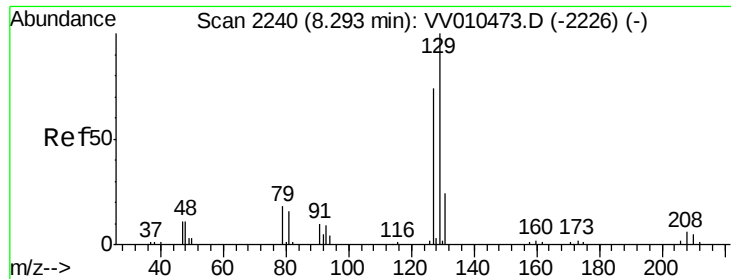
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#49

Dibromochloromethane

Concen: 1.727 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.28 min

Lab File: VV010481.D

Acq: 24 Apr 2019 23:59

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:129 Resp: 22804

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#

