

Data File : VV010477.D
Acq On : 24 Apr 2019 22:17
Operator : SY/MD
Sample : K2477-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X95

Quant Time: Apr 25 04:07:11 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	233600	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226491	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106347	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65434	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	50861	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	96394	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.96	46	146939	50.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	4.40	84	123204	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.08	65	72223	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	278163	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.12	67	82947	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.36	98	246952	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	27862	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.14	63	118550	49.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	60716	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	103351	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

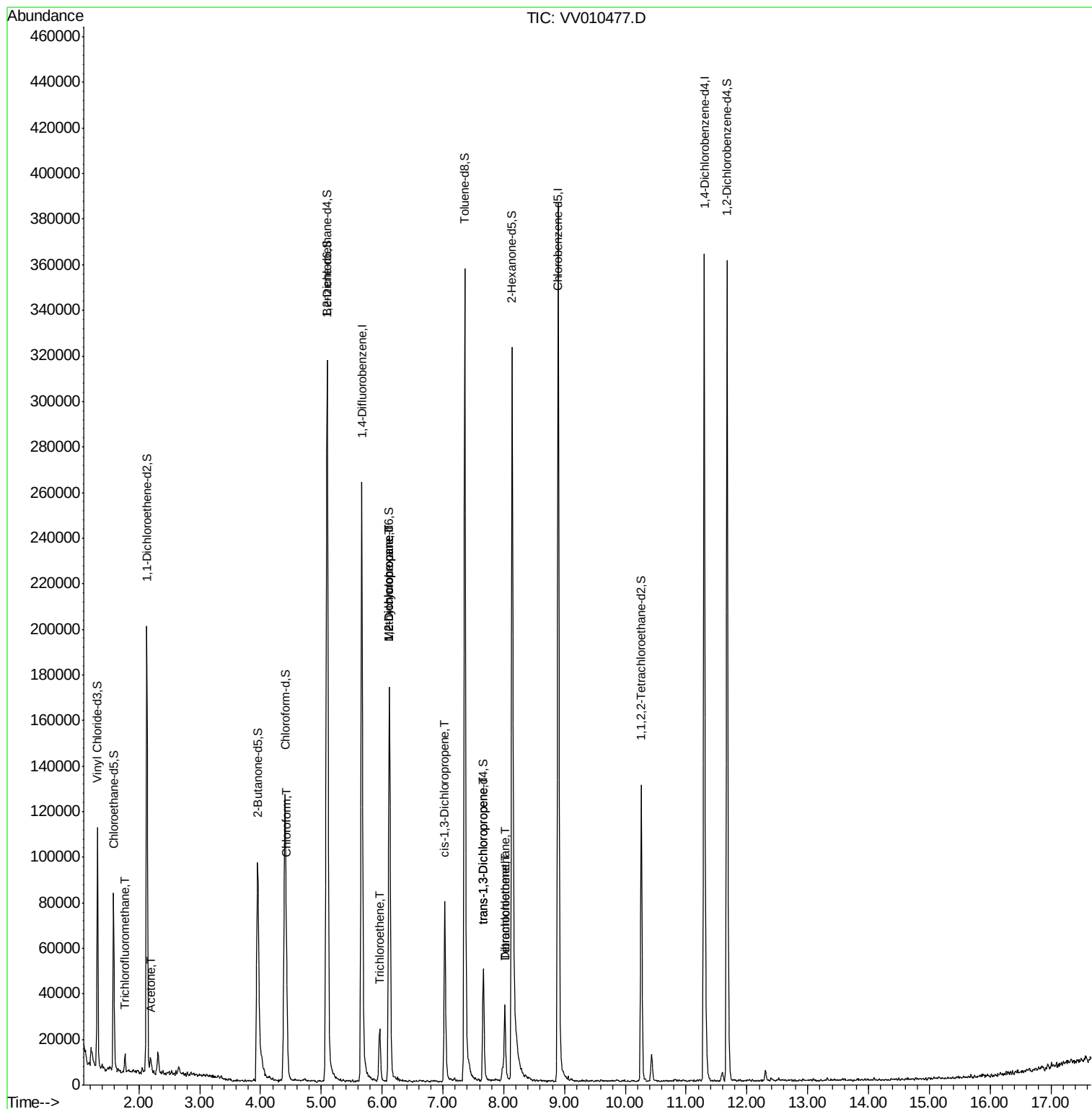
						Qvalue
9) Trichlorofluoromethane	1.77	101	3205	0.109	ug/L	99
13) Acetone	2.19	43	4614	2.656	ug/L	87
25) Chloroform	4.43	83	24041	0.833	ug/L	98
34) Trichloroethene	5.96	95	8258	0.494	ug/L #	85
35) Methylcyclohexane	6.12	83	20836	0.831	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9927	0.706	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	2266	0.109	ug/L #	51
44) trans-1,3-Dichloropropene	7.67	75	1665	0.103	ug/L	86
47) Tetrachloroethene	8.02	164	7371	0.494	ug/L	92
49) Dibromochloromethane	8.02	129	6426	0.483	ug/L #	9

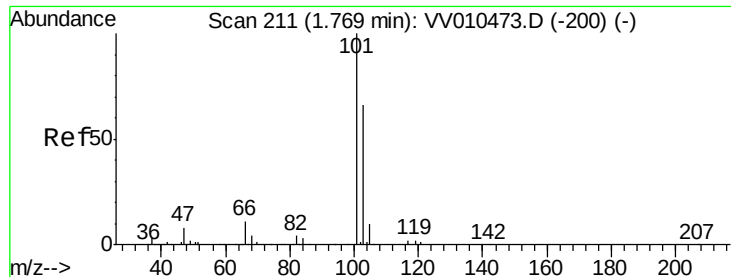
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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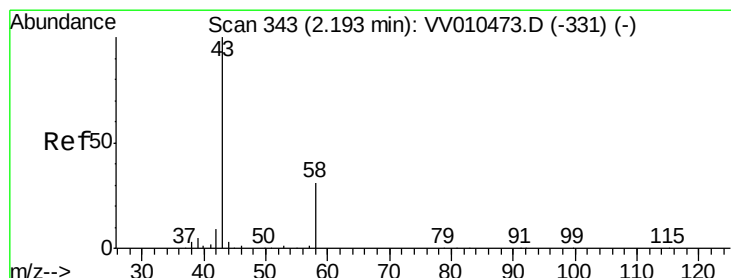
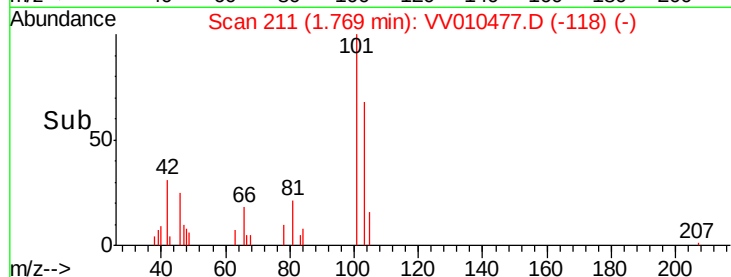
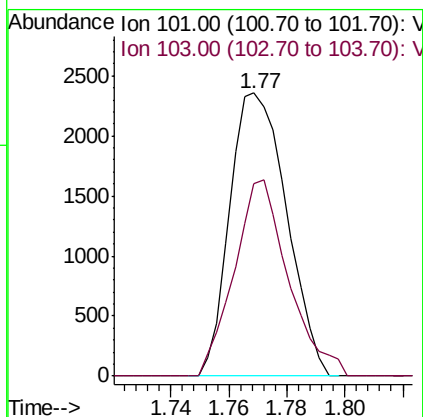
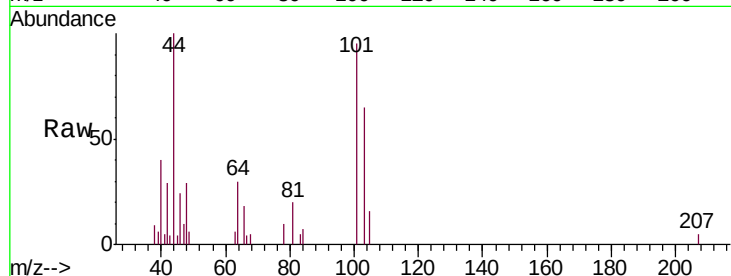


#9

Trichlorofluoromethane
 Concen: 0.109 ug/L
 RT: 1.77 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VV010477.D
 Acq: 24 Apr 2019 22:17

Instrument :
 MSVOA_V
 ClientSampled :
 C0X95

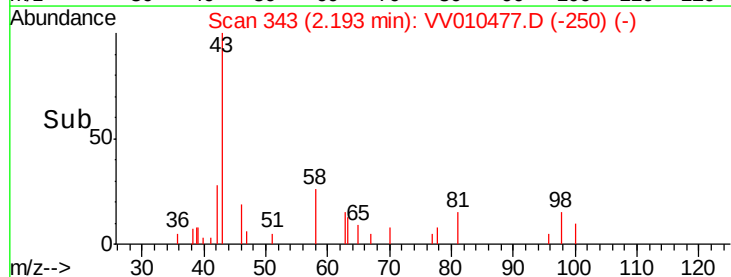
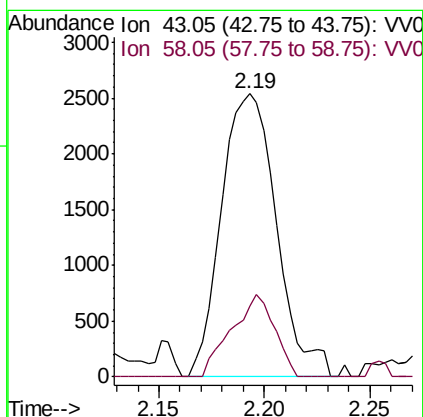
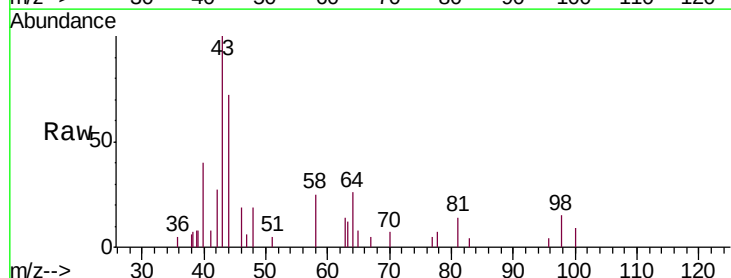
Tgt Ion: 101 Resp: 3205
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.6 78.8

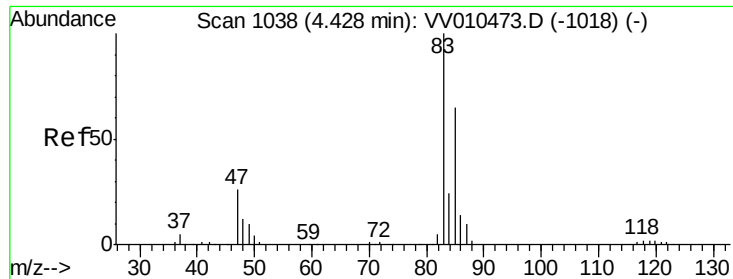


#13

Acetone
 Concen: 2.656 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VV010477.D
 Acq: 24 Apr 2019 22:17

Tgt Ion: 43 Resp: 4614
 Ion Ratio Lower Upper
 43 100
 58 22.7 0.0 59.6

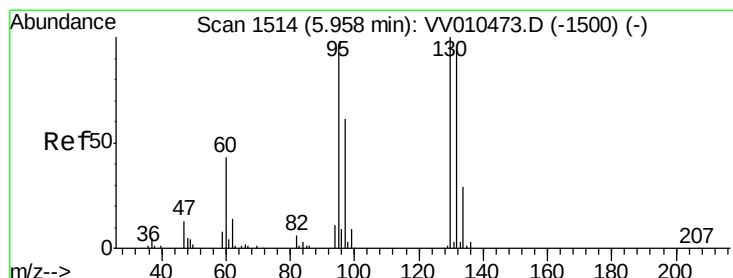
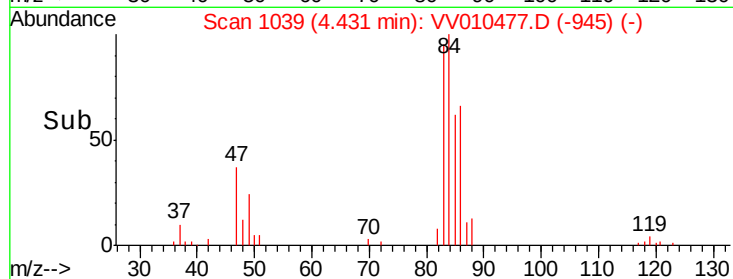
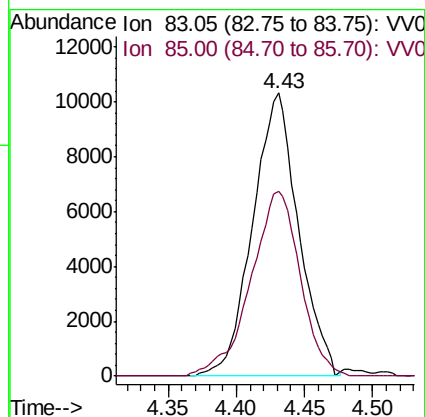
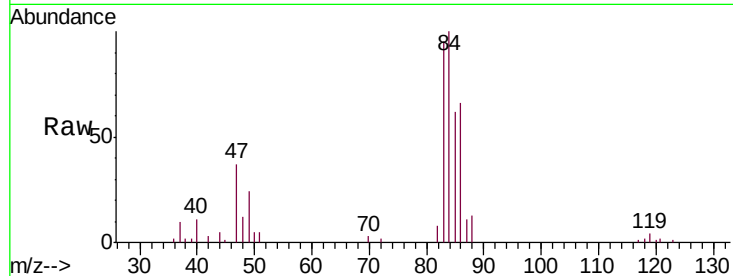




#25
Chloroform
Concen: 0.833 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV010477.D
Acq: 24 Apr 2019 22:17

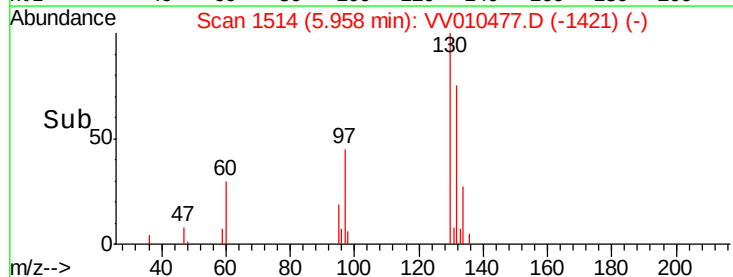
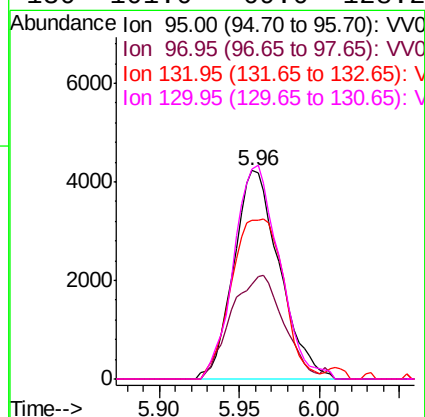
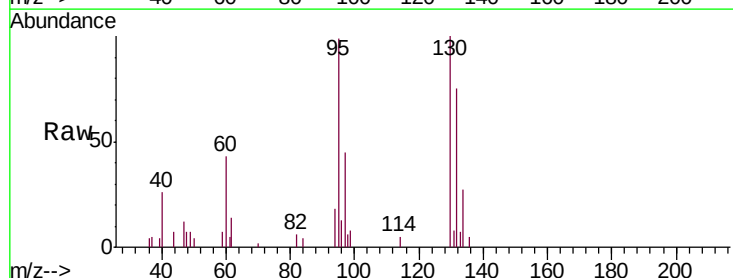
Instrument :
MSVOA_V
ClientSampleId :
C0X95

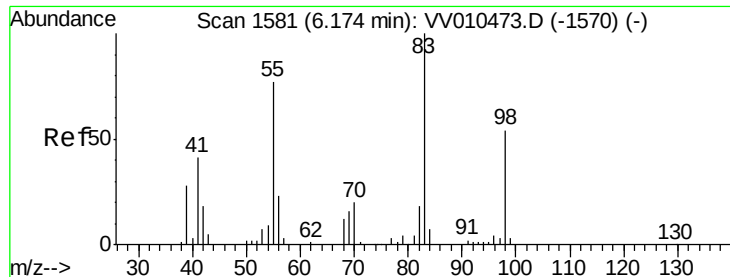
Tgt Ion: 83 Resp: 24041
Ion Ratio Lower Upper
83 100
85 65.1 44.3 82.3



#34
Trichloroethene
Concen: 0.494 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV010477.D
Acq: 24 Apr 2019 22:17

Tgt Ion: 95 Resp: 8258
Ion Ratio Lower Upper
95 100
97 45.3 45.6 84.6#
132 76.0 67.8 126.0
130 101.0 69.0 128.2

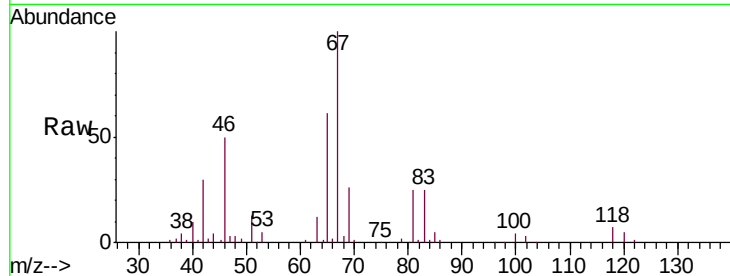




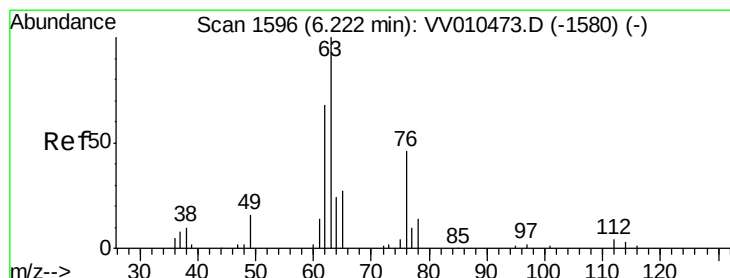
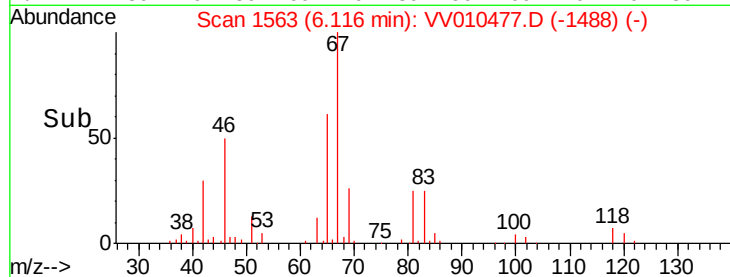
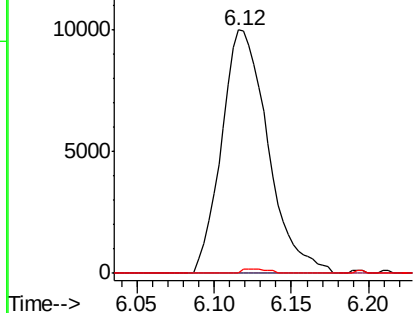
#35
Methylcyclohexane
Concen: 0.831 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010477.D
Acq: 24 Apr 2019 22:17

Instrument :
MSVOA_V
ClientSampleId :
C0X95

Tgt Ion: 83 Resp: 20836
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 1.0 38.8 58.2#

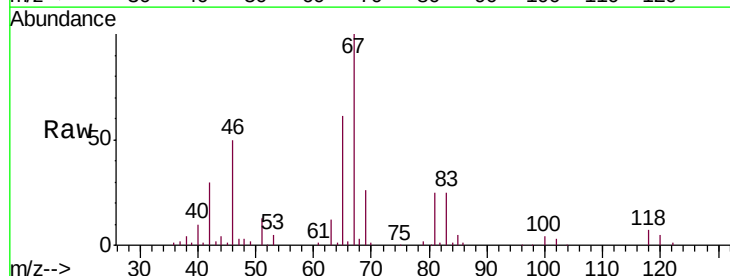


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

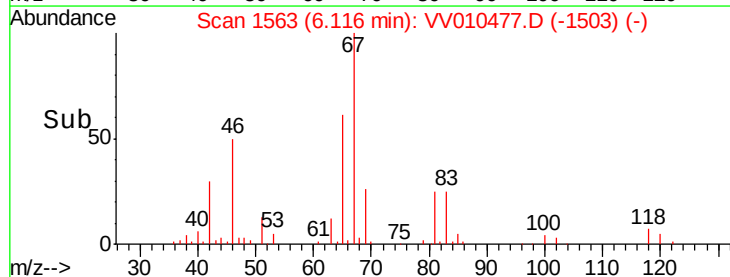
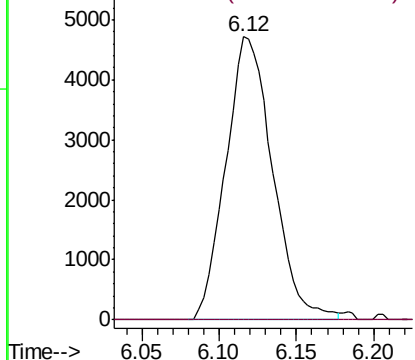


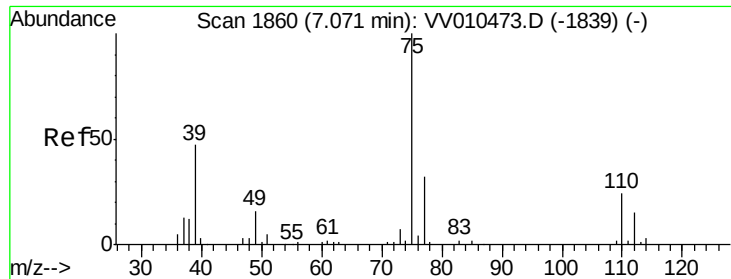
#37
1,2-Dichloropropane
Concen: 0.706 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010477.D
Acq: 24 Apr 2019 22:17

Tgt Ion: 63 Resp: 9927
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.6#



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

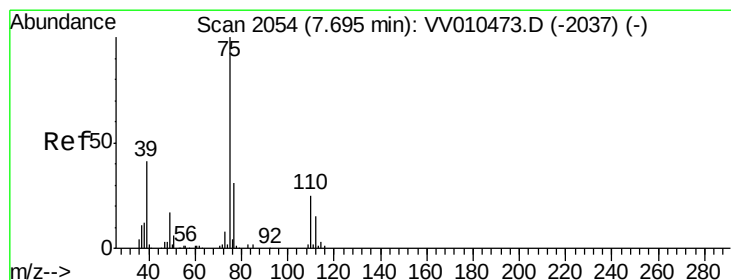
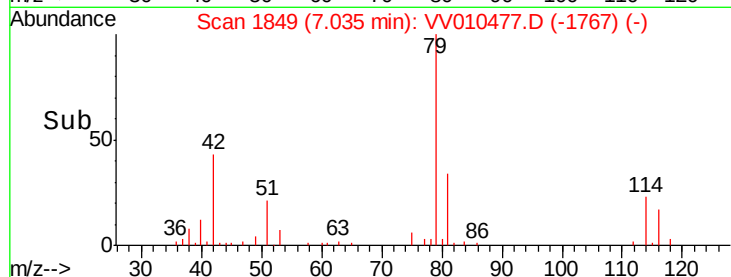
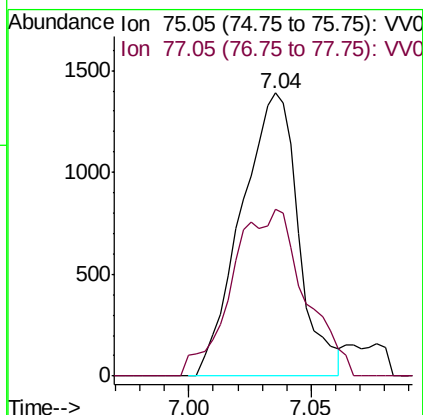
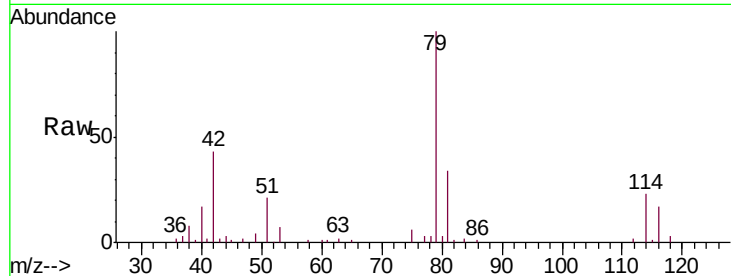




#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV010477.D
 Acq: 24 Apr 2019 22:17

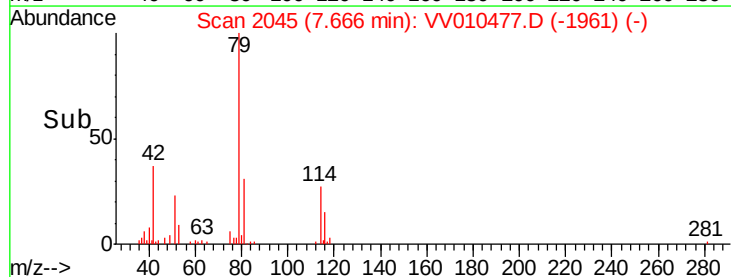
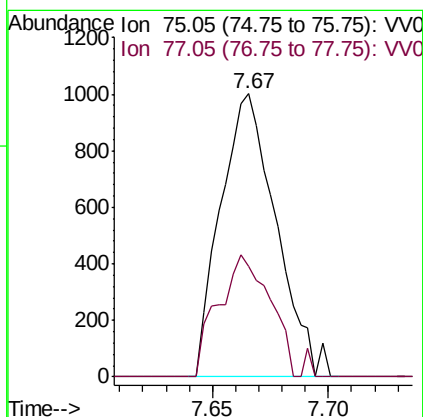
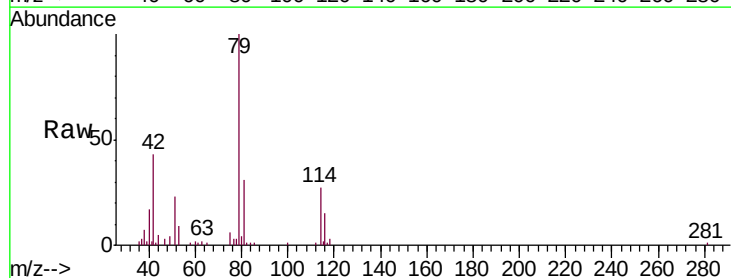
Instrument :
 MSVOA_V
 ClientSampleId :
 C0X95

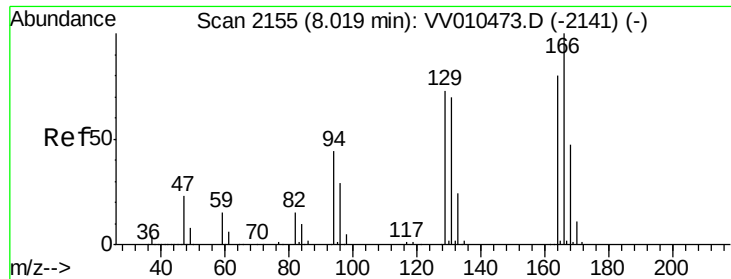
Tgt Ion: 75 Resp: 2266
 Ion Ratio Lower Upper
 75 100
 77 59.2 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV010477.D
 Acq: 24 Apr 2019 22:17

Tgt Ion: 75 Resp: 1665
 Ion Ratio Lower Upper
 75 100
 77 39.1 22.1 41.1

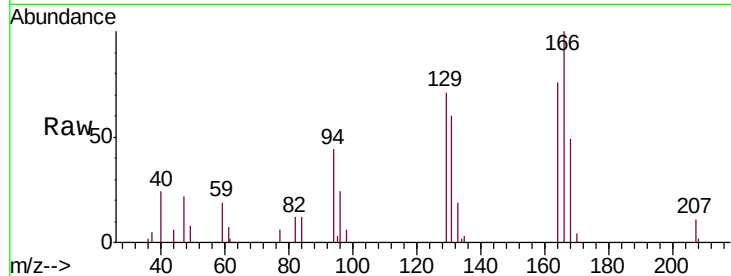




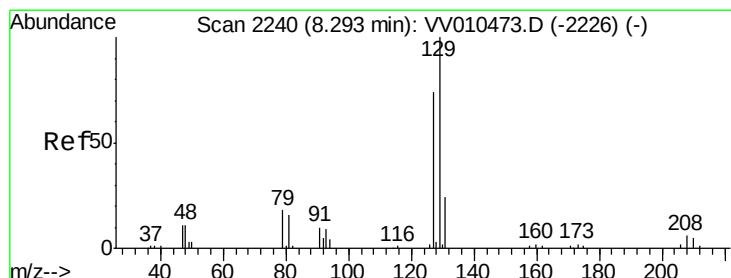
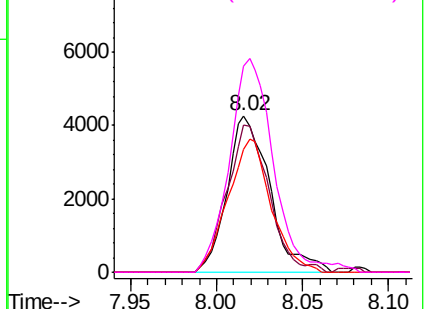
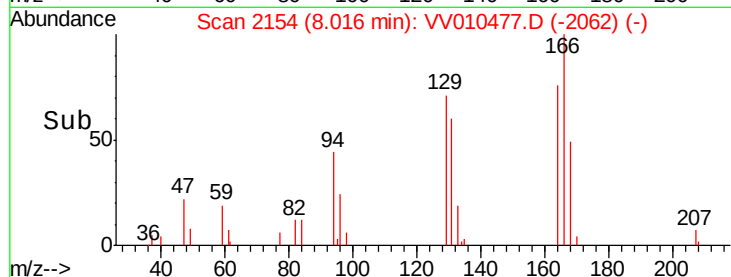
#47
Tetrachloroethene
Concen: 0.494 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010477.D
Acq: 24 Apr 2019 22:17

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 7371
Ion Ratio Lower Upper
164 100
129 93.7 69.7 129.4
131 78.4 63.8 118.6
166 131.5 87.4 162.2

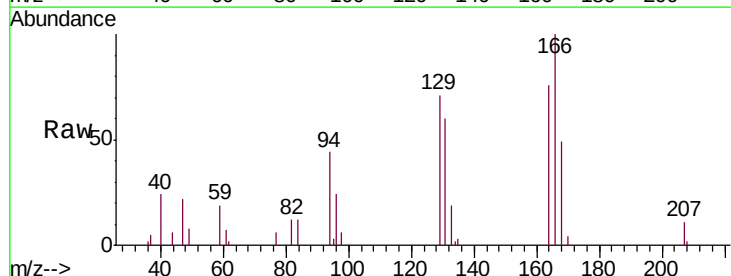


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 0.483 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.28 min
Lab File: VV010477.D
Acq: 24 Apr 2019 22:17

Tgt Ion:129 Resp: 6426
Ion Ratio Lower Upper
129 100
127 0.0 56.1 104.1#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

