

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007795.D
 Acq On : 23 Sep 2018 18:02
 Operator : SY/MD
 Sample : J5010-05
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T11

Quant Time: Sep 24 07:22:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	17301	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	12599	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	3546	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3539	37.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.28%
7) Chloroethane-d5	1.59	69	3609	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.48%
11) 1,1-Dichloroethene-d2	2.14	63	5655	25.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.02%#
21) 2-Butanone-d5	3.95	46	4292	69.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.11%
24) Chloroform-d	4.41	84	8335	41.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.09	65	5302	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.58%
32) Benzene-d6	5.11	84	15573	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.56%
36) 1,2-Dichloropropane-d6	6.13	67	4829	56.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.94%
41) Toluene-d8	7.37	98	14212	46.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.92%
43) trans-1,3-Dichloropropene-	7.67	79	1463	33.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.86%
47) 2-Hexanone-d5	8.15	63	1198	31.81	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	31.81%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	5404	40.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.96%
64) 1,2-Dichlorobenzene-d4	11.68	152	3811	52.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.50%

Target Compounds

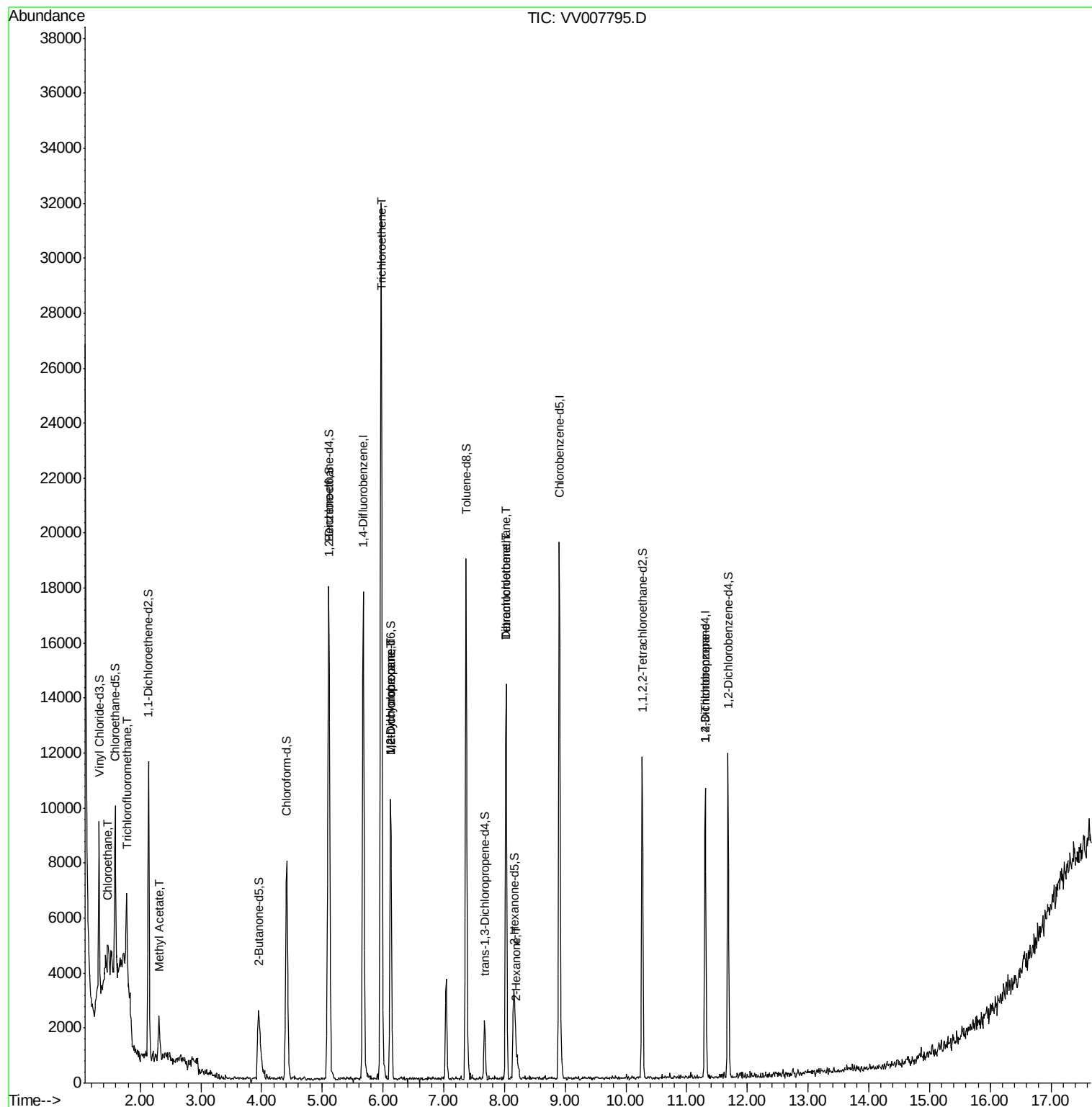
					Qvalue
8) Chloroethane	1.47	64	341	4.561 ug/L #	43
9) Trichlorofluoromethane	1.78	101	1578	6.842 ug/L	92
15) Methyl Acetate	2.31	43	444	3.827 ug/L #	47
34) Trichloroethene	5.97	95	10809	121.106 ug/L	97
35) Methylcyclohexane	6.13	83	1171	8.566 ug/L #	21
37) 1,2-Dichloropropane	6.13	63	484	6.370 ug/L #	86
46) Tetrachloroethene	8.03	164	3678	40.264 ug/L	92
48) 2-Hexanone	8.20	43	139	1.796 ug/L #	40
49) Dibromochloromethane	8.03	129	3002	30.986 ug/L #	11
59) 1,2,3-Trichloropropane	11.31	75	218	2.029 ug/L #	43

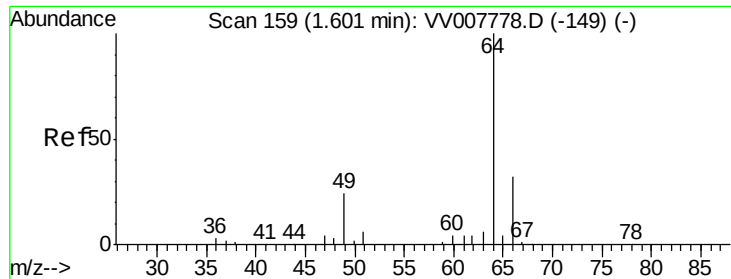
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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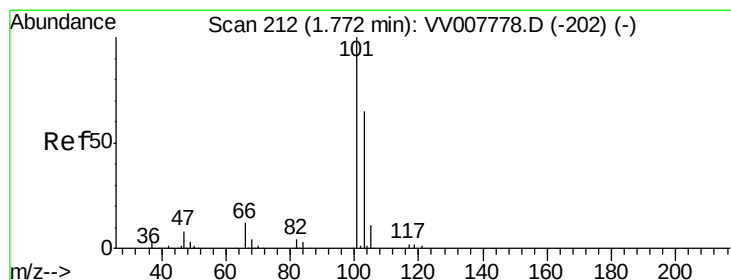
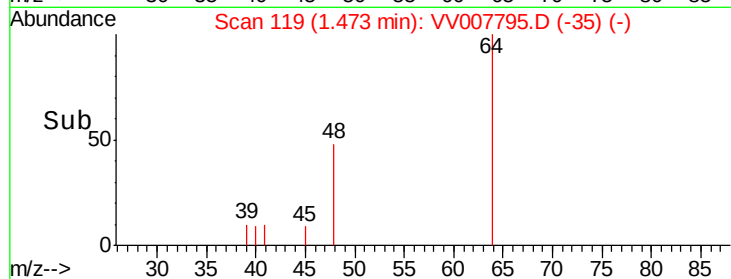
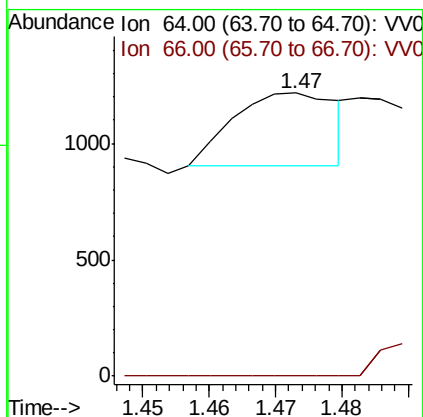
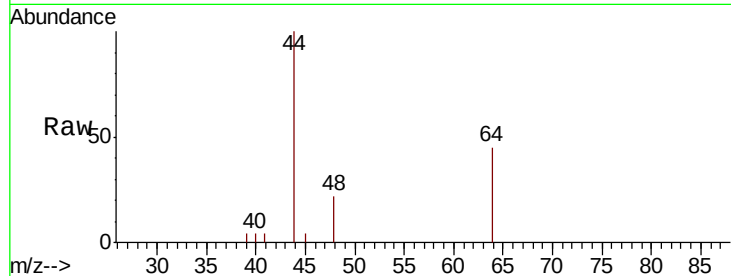




#8
Chloroethane
Concen: 4.561 ug/L
RT: 1.47 min Scan# 119
Delta R.T. -0.13 min
Lab File: VV007795.D
Acq: 23 Sep 2018 18:02

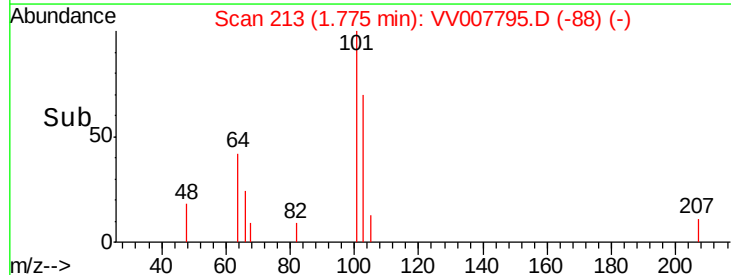
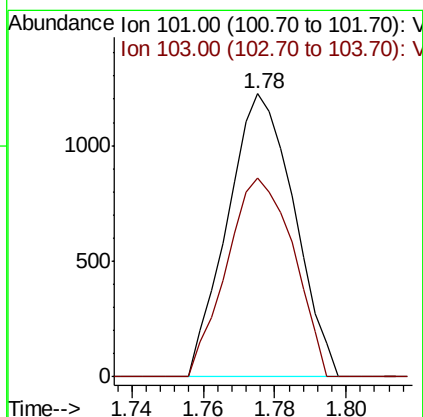
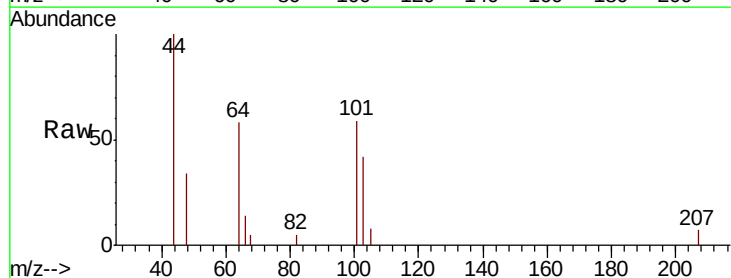
Instrument :
MSVOA_V
ClientSampled :
COT11

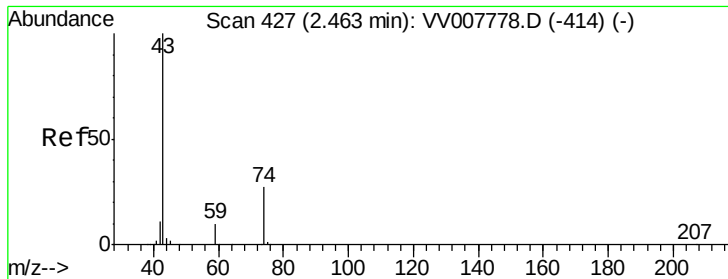
Tgt Ion: 64 Resp: 341
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#



#9
Trichlorofluoromethane
Concen: 6.842 ug/L
RT: 1.78 min Scan# 213
Delta R.T. 0.00 min
Lab File: VV007795.D
Acq: 23 Sep 2018 18:02

Tgt Ion: 101 Resp: 1578
Ion Ratio Lower Upper
101 100
103 70.6 51.4 77.2

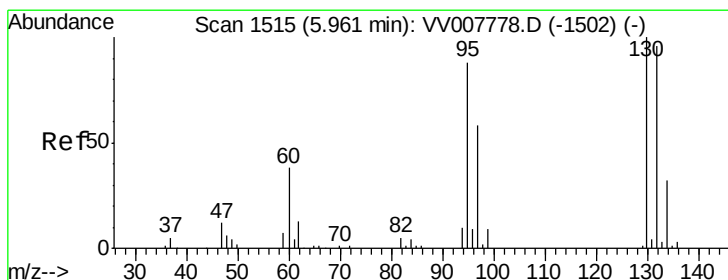
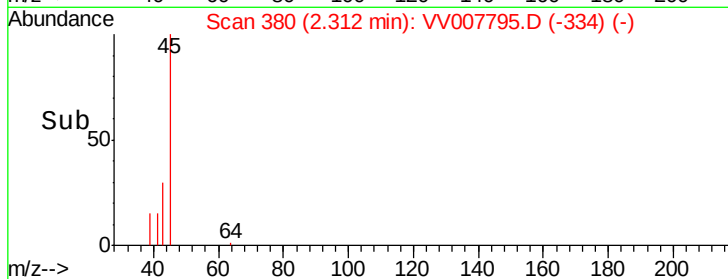
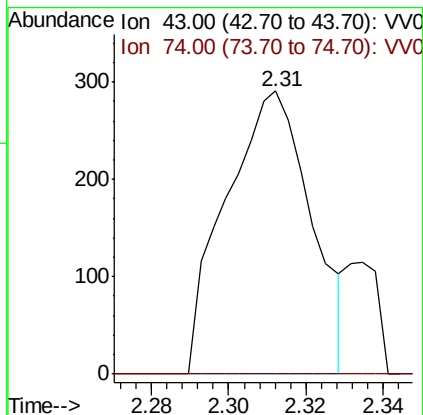
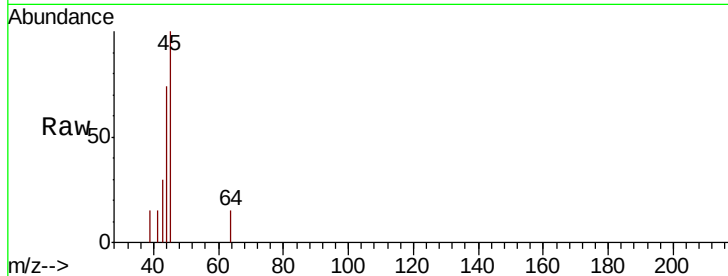




#15
Methyl Acetate
Concen: 3.827 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.15 min
Lab File: VV007795.D
Acq: 23 Sep 2018 18:02

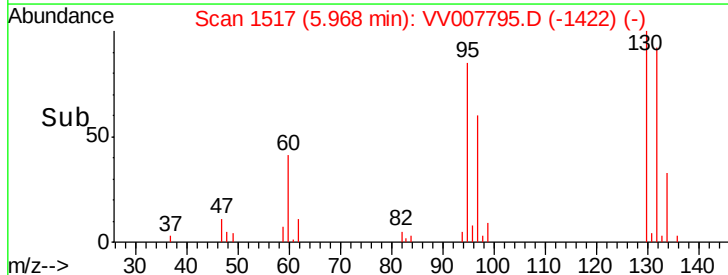
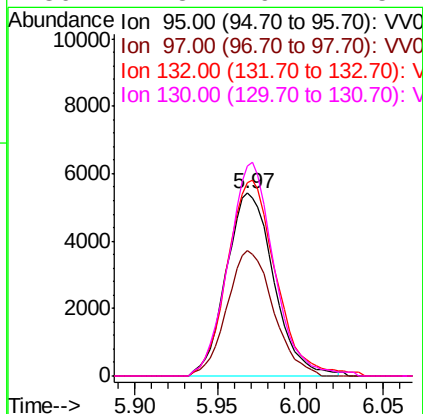
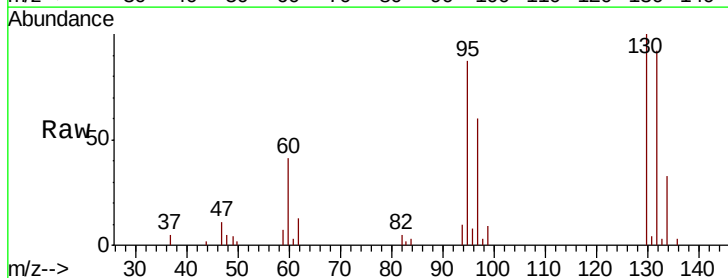
Instrument :
MSVOA_V
ClientSampled :
C0T11

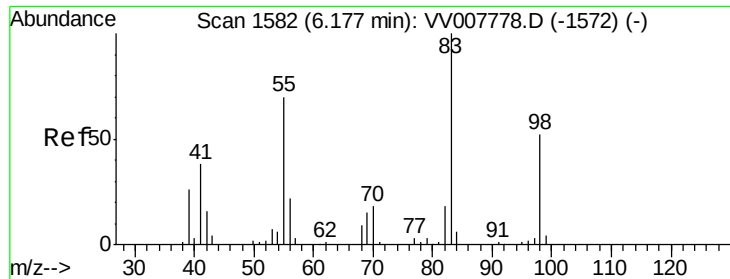
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#34
Trichloroethene
Concen: 121.106 ug/L
RT: 5.97 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VV007795.D
Acq: 23 Sep 2018 18:02

Tgt Ion: 95 Resp: 10809
Ion Ratio Lower Upper
95 100
97 68.6 45.2 84.0
132 106.0 77.7 144.3
130 114.8 79.7 148.1

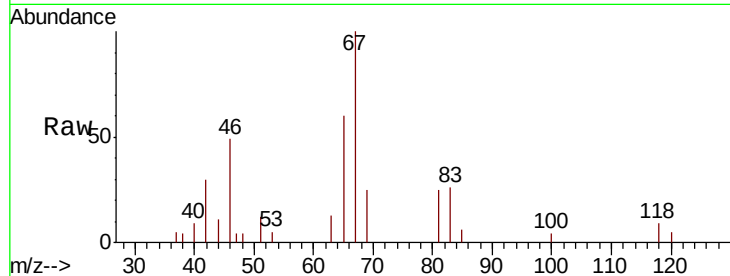




#35
Methylcyclohexane
Concen: 8.566 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007795.D
Acq: 23 Sep 2018 18:02

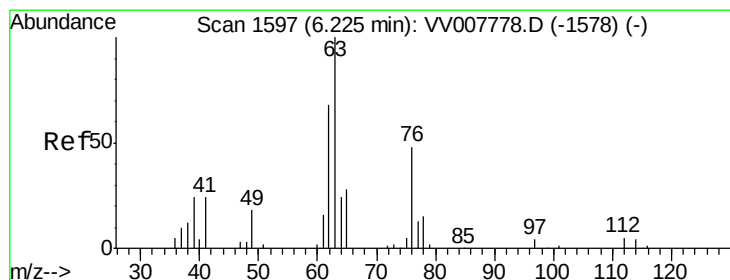
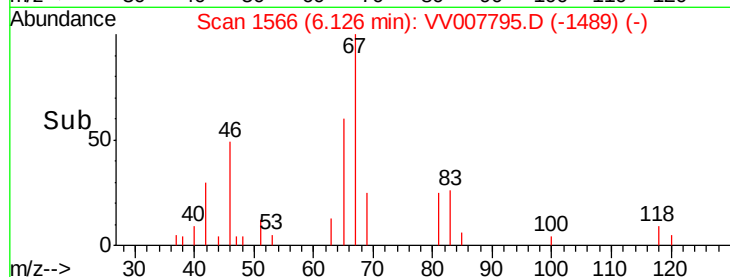
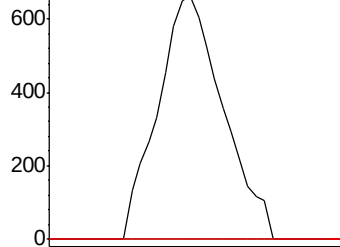
Instrument :
MSVOA_V
ClientSampled :
COT11

Tgt Ion: 83 Resp: 1171
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 0.0 39.0 58.6#



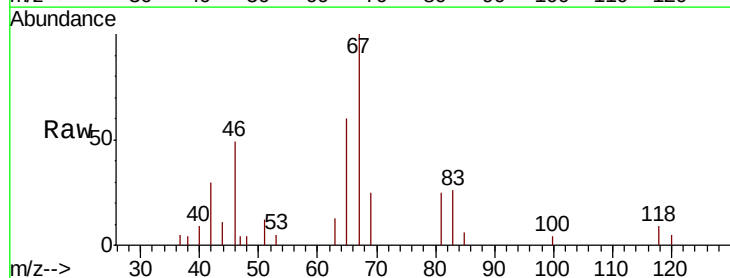
Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

6.13



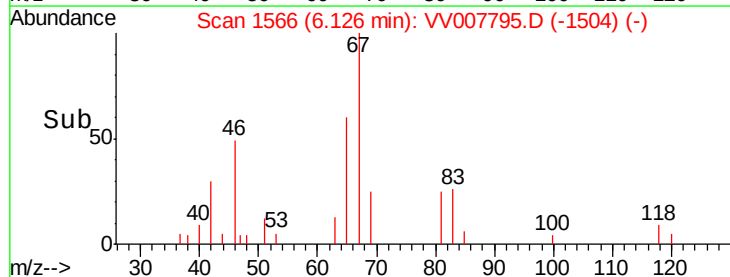
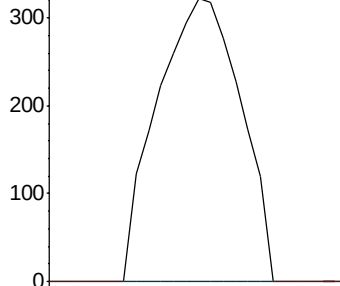
#37
1,2-Dichloropropane
Concen: 6.370 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007795.D
Acq: 23 Sep 2018 18:02

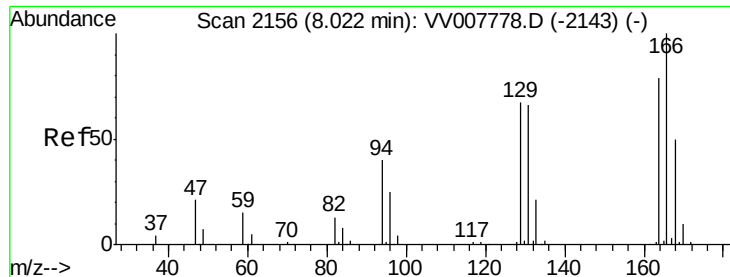
Tgt Ion: 63 Resp: 484
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

6.13

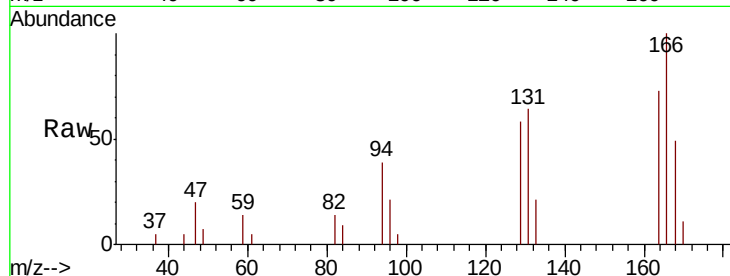




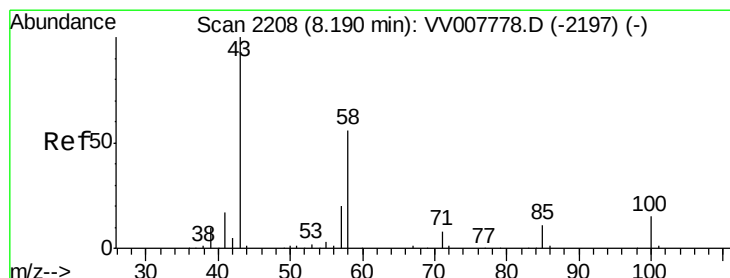
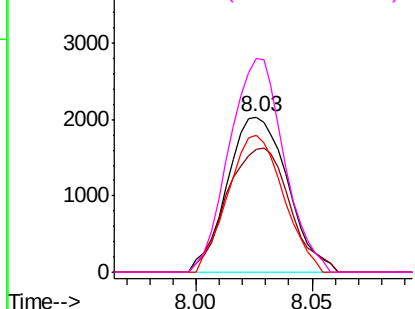
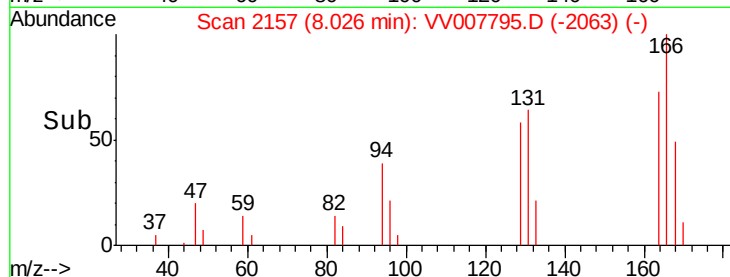
#46
Tetrachloroethene
Concen: 40.264 ug/L
RT: 8.03 min Scan# 2157
Delta R.T. 0.00 min
Lab File: VV007795.D
Acq: 23 Sep 2018 18:02

Instrument :
MSVOA_V
ClientSampleId :
C0T11

Tgt Ion:164 Resp: 3678
Ion Ratio Lower Upper
164 100
129 79.6 61.0 113.4
131 88.1 57.8 107.4
166 137.9 89.9 167.0

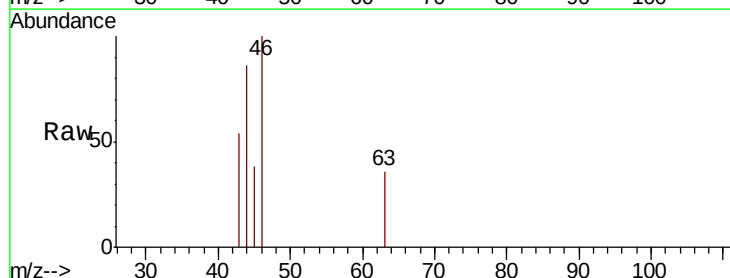


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

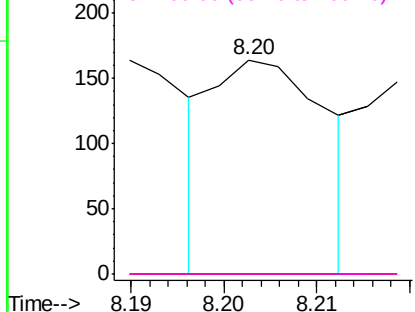
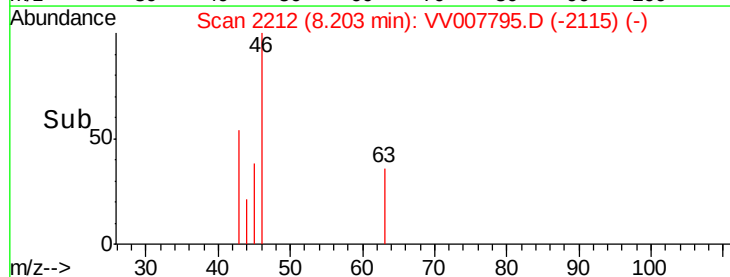


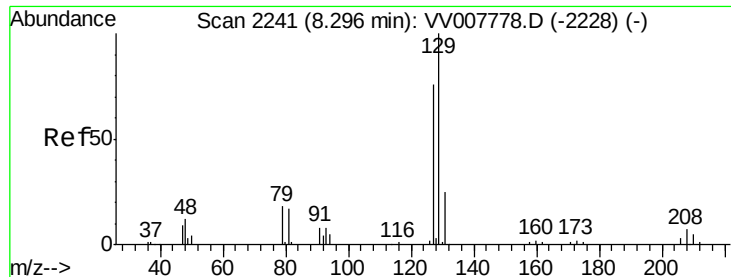
#48
2-Hexanone
Concen: 1.796 ug/L
RT: 8.20 min Scan# 2212
Delta R.T. 0.01 min
Lab File: VV007795.D
Acq: 23 Sep 2018 18:02

Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
58 0.0 41.4 62.0#
57 0.0 16.0 24.0#
100 0.0 11.9 17.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 30.986 ug/L

RT: 8.03 min Scan# 2158

Delta R.T. -0.27 min

Lab File: VV007795.D

Acq: 23 Sep 2018 18:02

Instrument :

MSVOA_V

ClientSampleId :

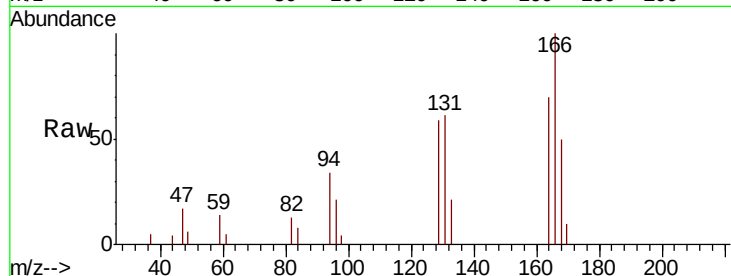
C0T11

Tgt Ion:129 Resp: 3002

Ion Ratio Lower Upper

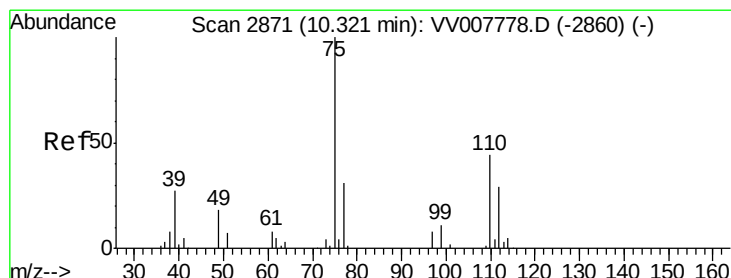
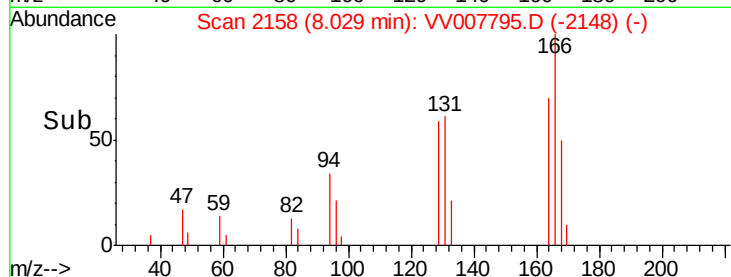
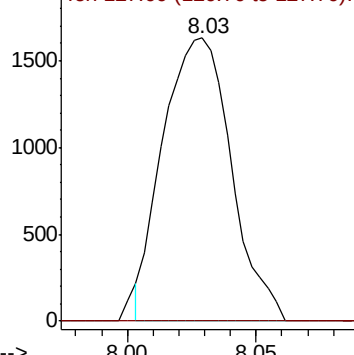
129 100

127 0.0 54.0 100.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 2.029 ug/L

RT: 11.31 min Scan# 3177

Delta R.T. 0.98 min

Lab File: VV007795.D

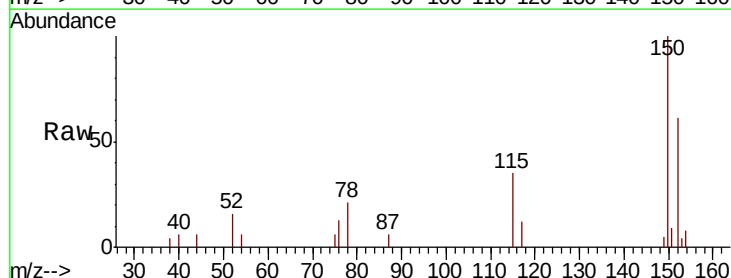
Acq: 23 Sep 2018 18:02

Tgt Ion: 75 Resp: 218

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

