

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015779.D
 Acq On : 29 Apr 2020 04:36
 Operator : SY/MD
 Sample : L2421-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 06:30:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	106943	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	104858	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	47979	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36672	6.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.20%#
7) Chloroethane-d5	1.58	69	32803	6.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.80%
11) 1,1-Dichloroethene-d2	2.12	63	51985	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.93	46	87684	48.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.72%
24) Chloroform-d	4.38	84	62029	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	38908	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.08	84	132376	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.10	67	40653	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.34	98	114131	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.65	79	12592	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.11	63	60436	40.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26954	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	42686	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

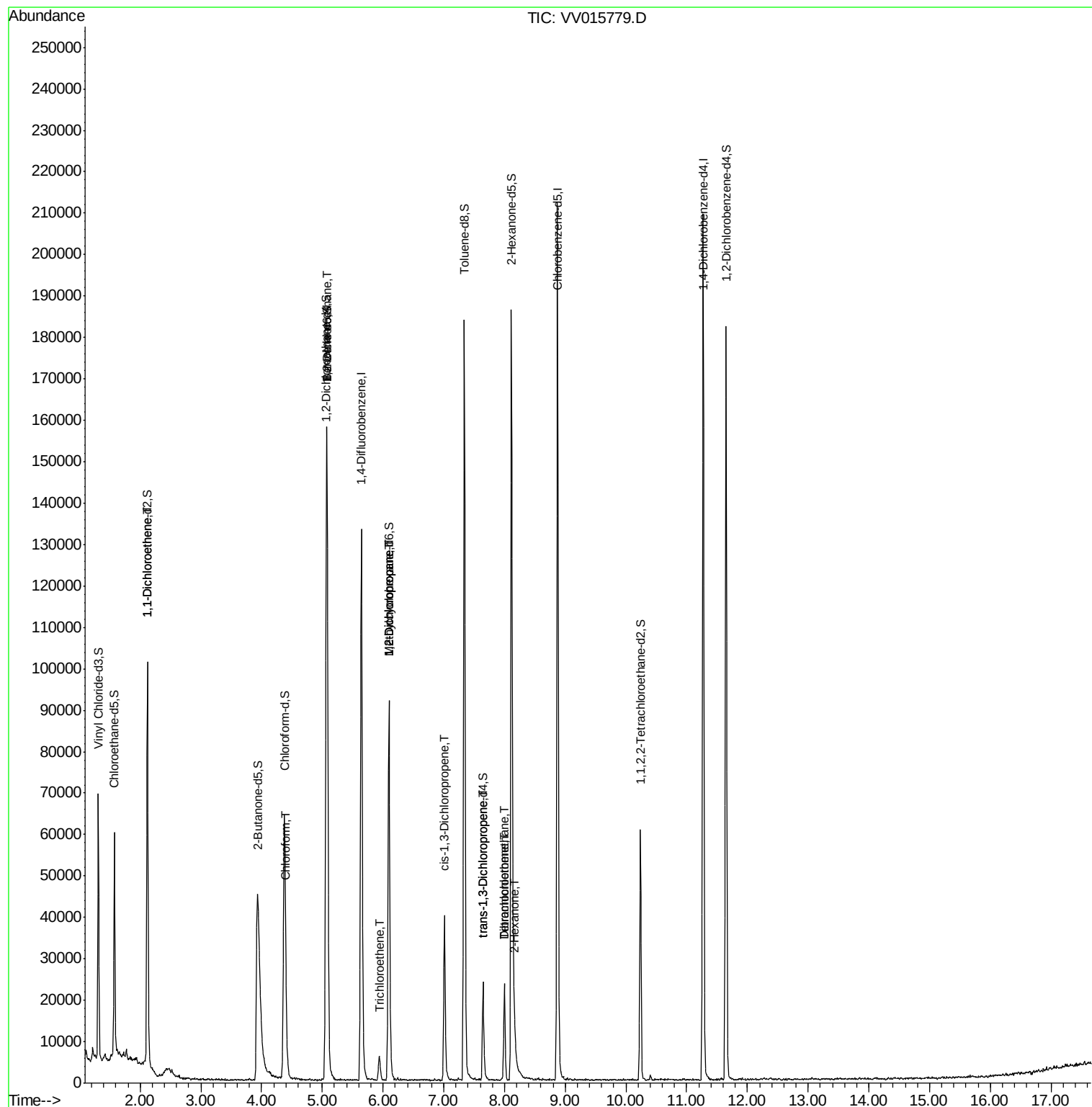
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.12	96	510	0.082	ug/L #	1
25) Chloroform	4.41	83	6346	0.437	ug/L	95
27) 1,2-Dichloroethane	5.08	62	931	0.098	ug/L #	78
34) Trichloroethene	5.94	95	1726	0.209	ug/L	88
35) Methylcyclohexane	6.10	83	9930	0.782	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	5074	0.666	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1190	0.112	ug/L	87
44) trans-1,3-Dichloropropene	7.64	75	662	0.074	ug/L #	67
47) Tetrachloroethene	8.00	164	4519	0.759	ug/L	90
48) 2-Hexanone	8.17	43	4765	1.352	ug/L #	93
49) Dibromochloromethane	8.00	129	4628	0.862	ug/L #	12

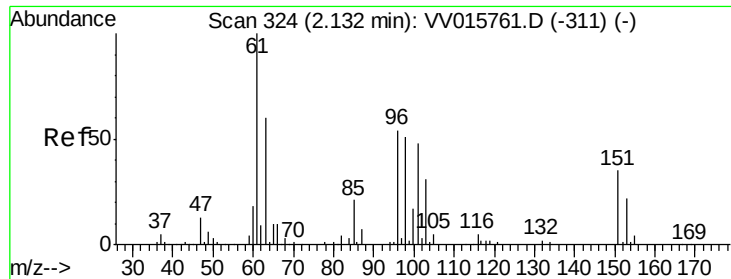
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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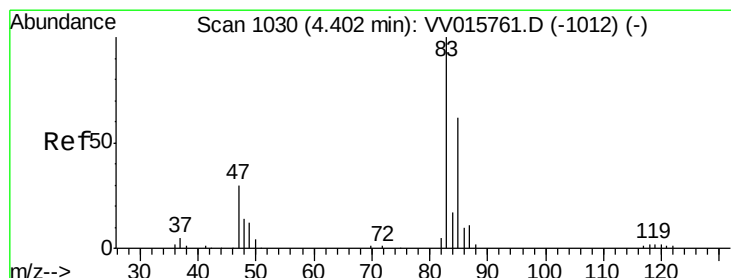
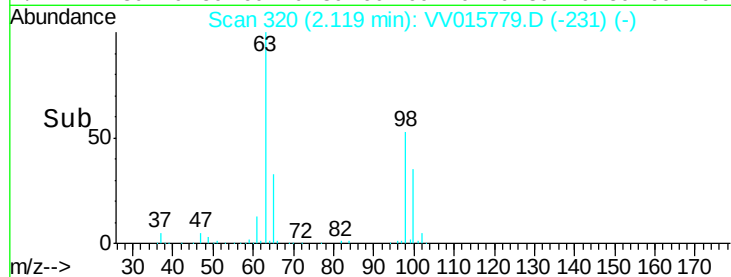
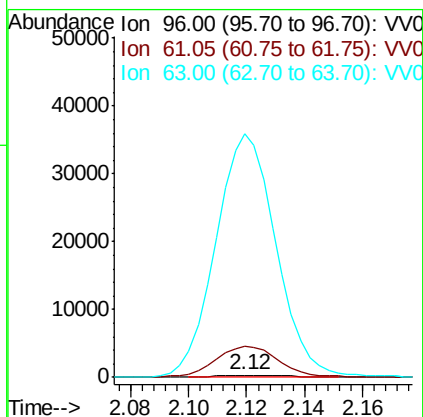
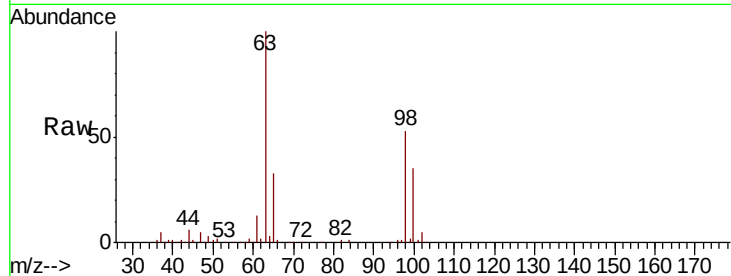




#12
 1,1-Dichloroethene
 Concen: 0.082 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VV015779.D
 Acq: 29 Apr 2020 04:36

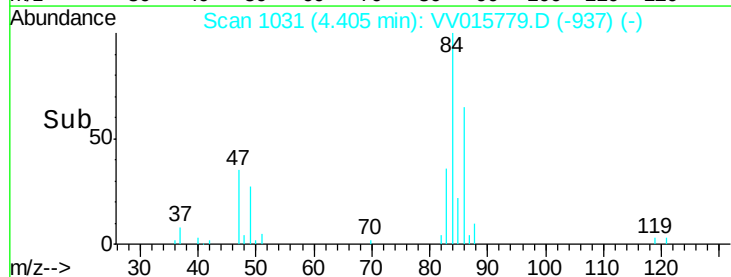
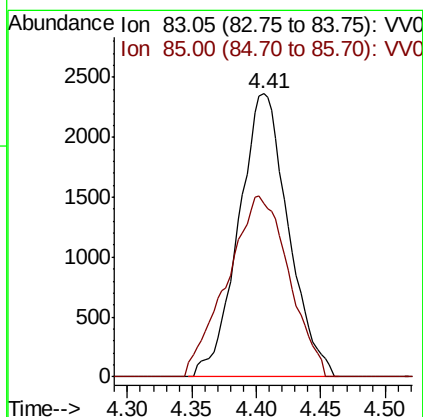
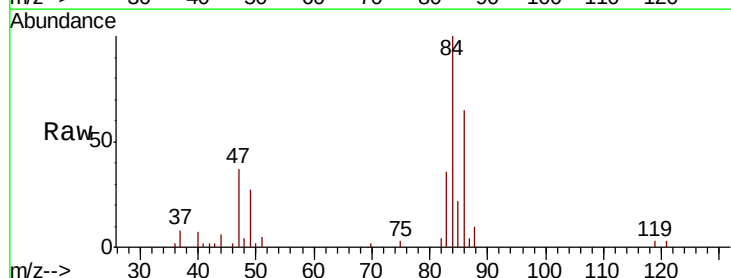
Instrument :
 MSVOA_V
 ClientSampleId :

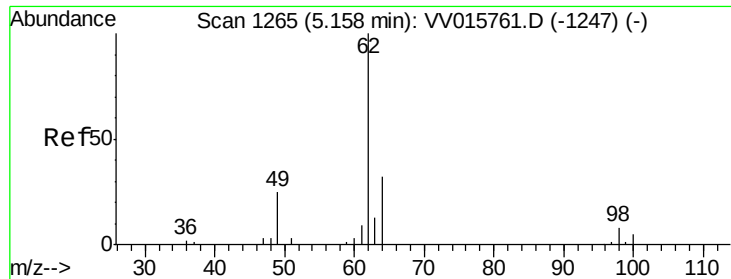
Tot Ion: 96 Resp: 510
 Ion Ratio Lower Upper
 96 100
 61 1520.0 130.1 241.7#
 63 11962.7 91.4 169.8#



#25
 Chloroform
 Concen: 0.437 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VV015779.D
 Acq: 29 Apr 2020 04:36

Tgt Ion: 83 Resp: 6346
 Ion Ratio Lower Upper
 83 100
 85 61.4 46.1 85.5

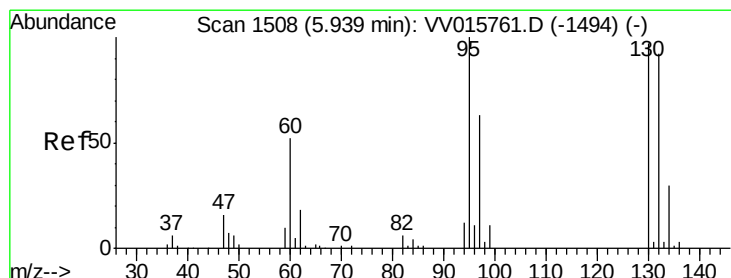
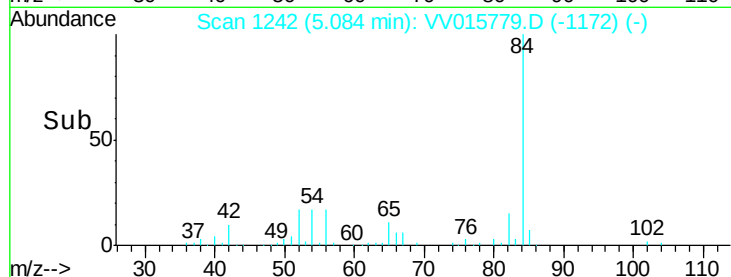
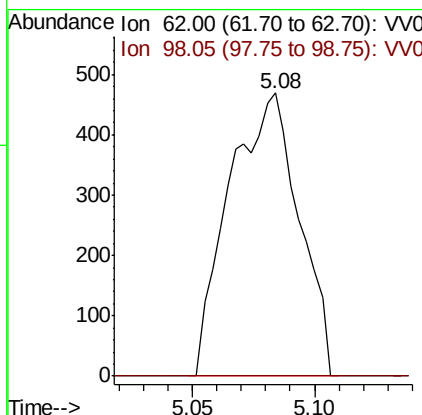
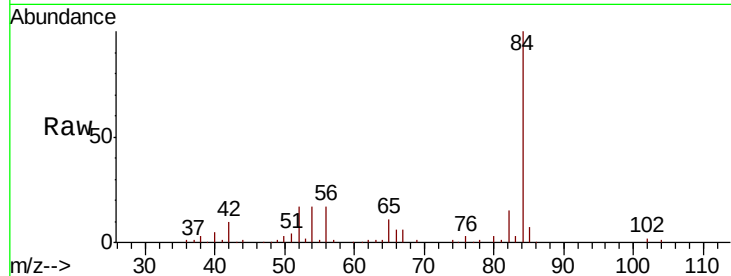




#27
 1,2-Dichloroethane
 Concen: 0.098 ug/L
 RT: 5.08 min Scan# 1242
 Delta R.T. -0.07 min
 Lab File: VV015779.D
 Acq: 29 Apr 2020 04:36

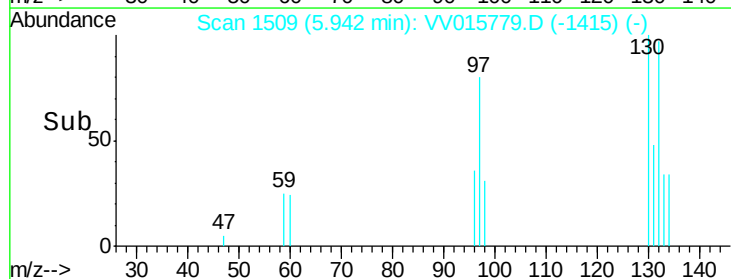
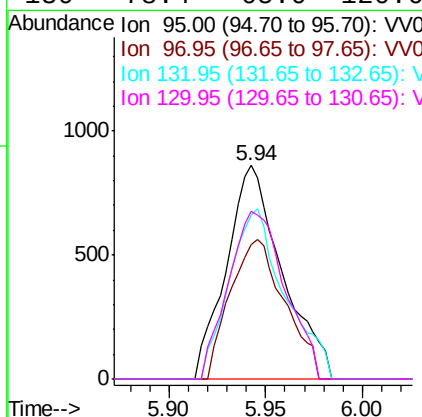
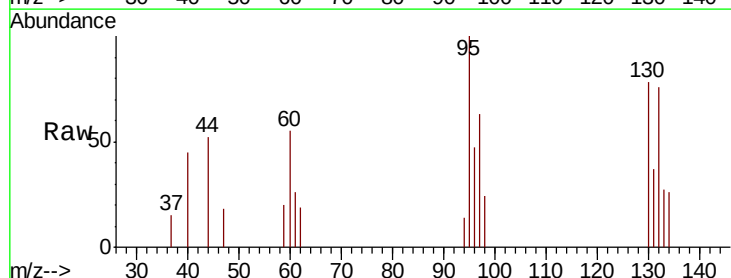
Instrument :
 MSVOA_V
 ClientSampled :

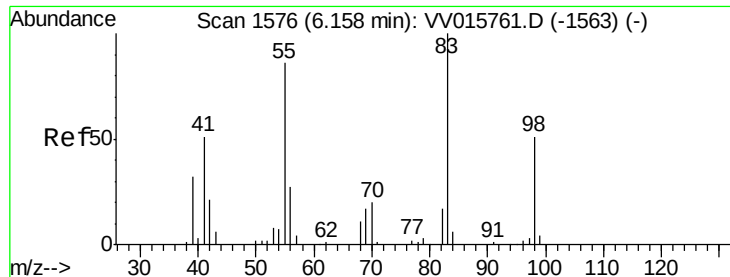
Tot Ion: 62 Resp: 931
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#34
 Trichloroethene
 Concen: 0.209 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VV015779.D
 Acq: 29 Apr 2020 04:36

Tgt Ion: 95 Resp: 1726
 Ion Ratio Lower Upper
 95 100
 97 62.6 44.7 82.9
 132 76.5 65.2 121.0
 130 78.4 65.0 120.6

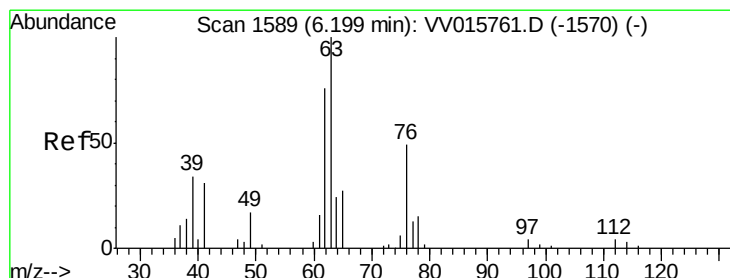
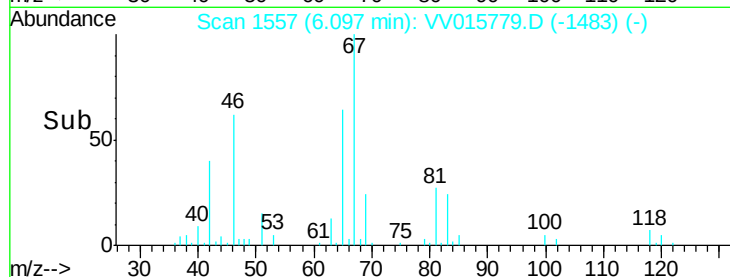
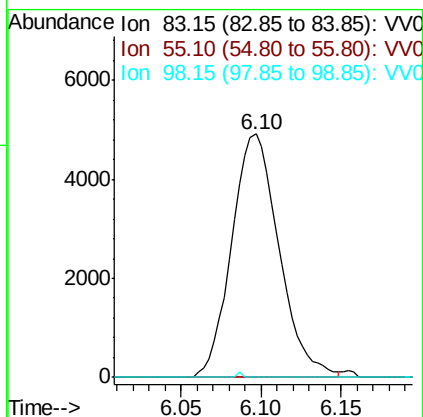
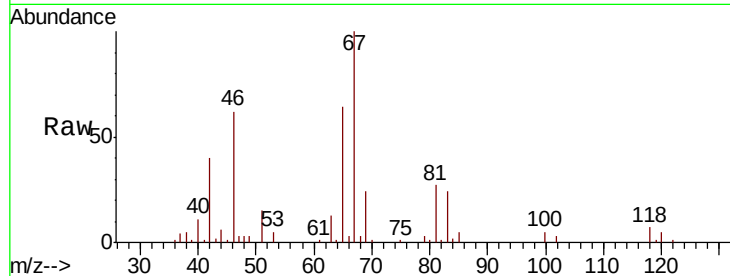




#35
Methvlcvclohexane
Concen: 0.782 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015779.D
Acq: 29 Apr 2020 04:36

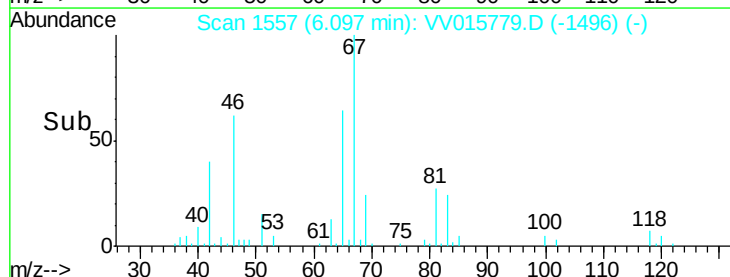
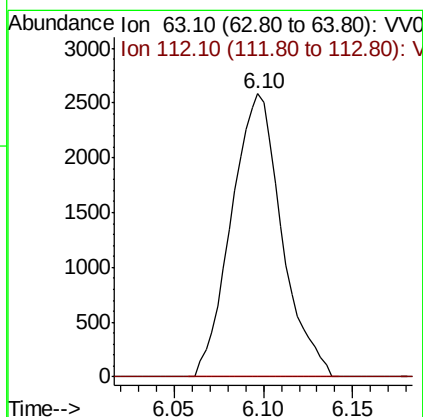
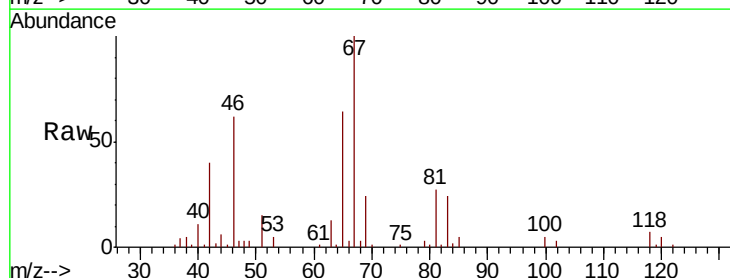
Instrument :
MSVOA_V
ClientSampleId :

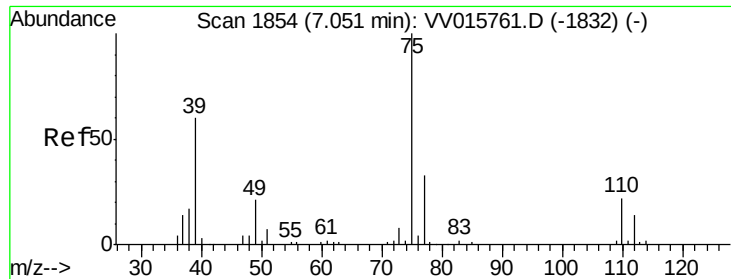
Tot Ion: 83 Resp: 9930
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.2 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.666 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015779.D
Acq: 29 Apr 2020 04:36

Tgt Ion: 63 Resp: 5074
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

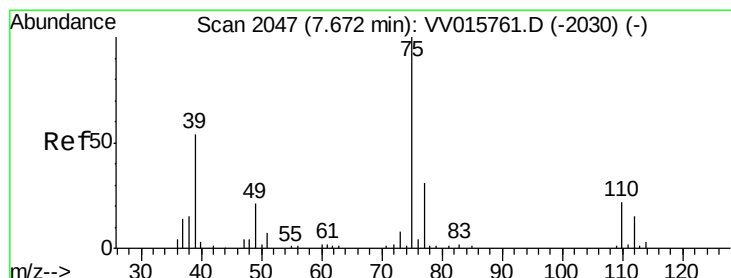
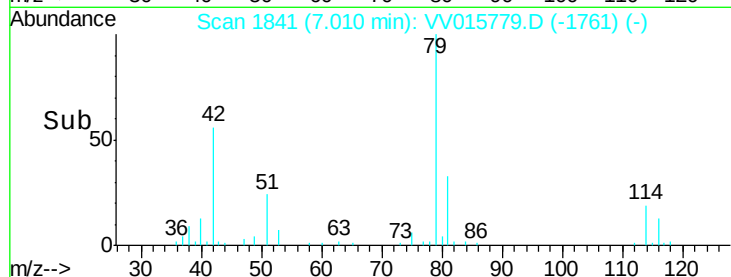
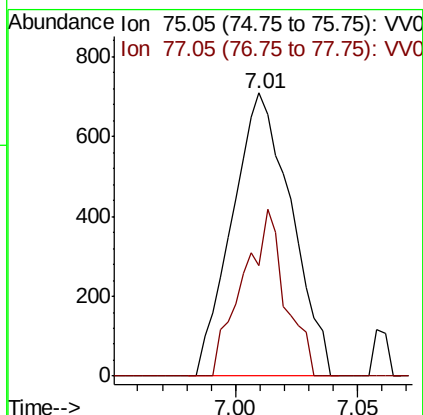
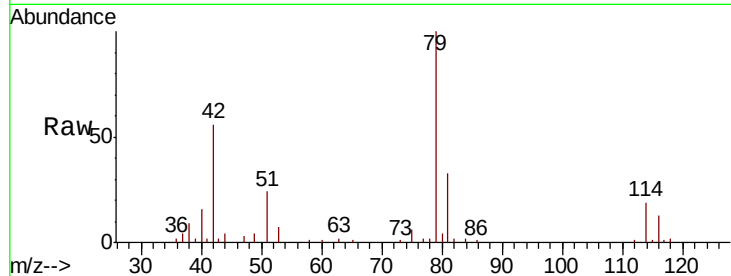




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015779.D
 Acq: 29 Apr 2020 04:36

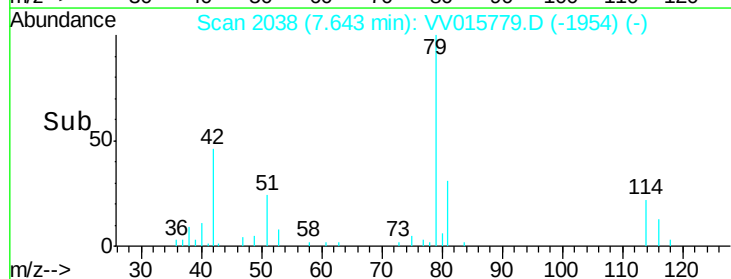
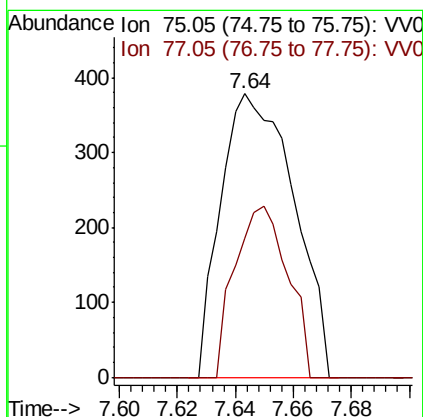
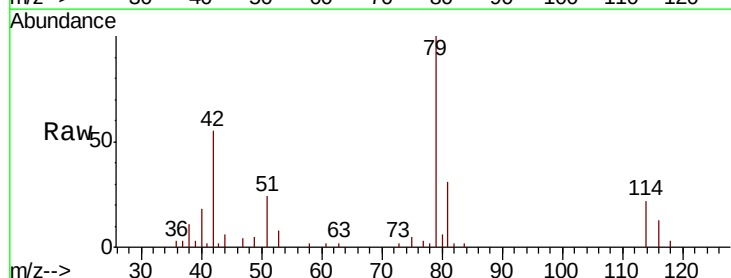
Instrument :
 MSVOA_V
 ClientSampleId :

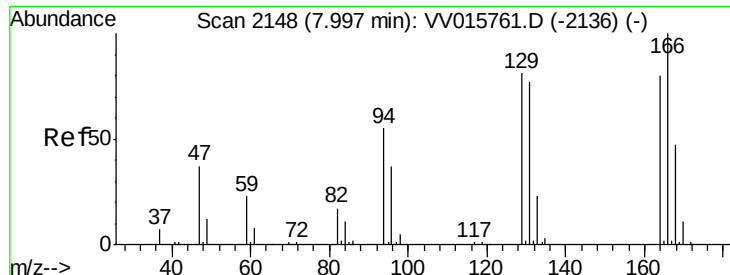
Tot Ion: 75 Resp: 1190
 Ion Ratio Lower Upper
 75 100
 77 39.1 22.3 41.5



#44
 trans-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015779.D
 Acq: 29 Apr 2020 04:36

Tgt Ion: 75 Resp: 662
 Ion Ratio Lower Upper
 75 100
 77 49.2 21.8 40.6#





#47

Tetrachloroethene

Concen: 0.759 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015779.D

Acq: 29 Apr 2020 04:36

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 4519

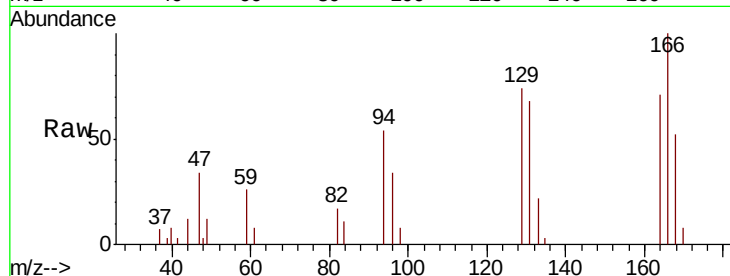
Ion Ratio Lower Upper

164 100

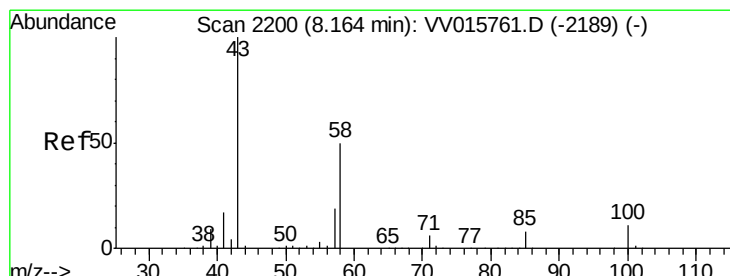
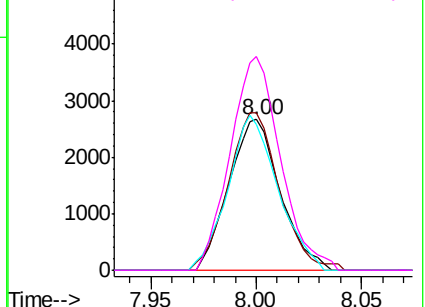
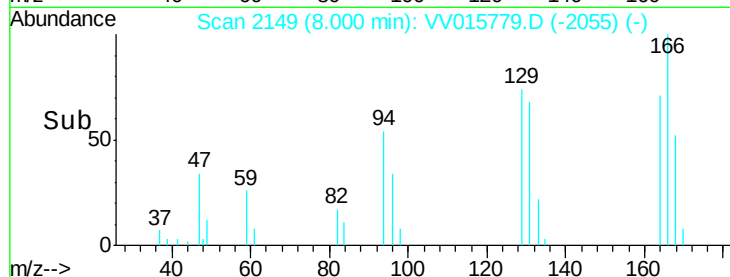
129 104.2 66.7 123.9

131 96.4 66.6 123.6

166 141.6 85.3 158.5



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: 1.352 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV015779.D

Acq: 29 Apr 2020 04:36

Tgt Ion: 43 Resp: 4765

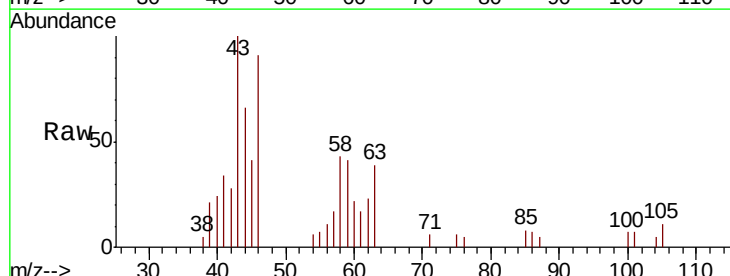
Ion Ratio Lower Upper

43 100

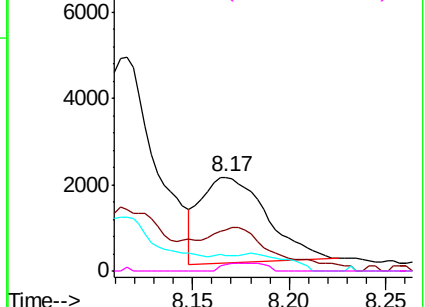
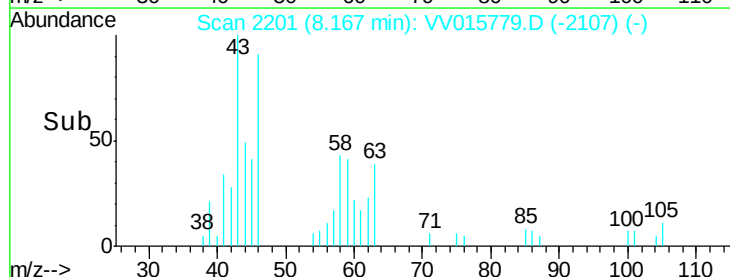
58 48.7 41.1 61.7

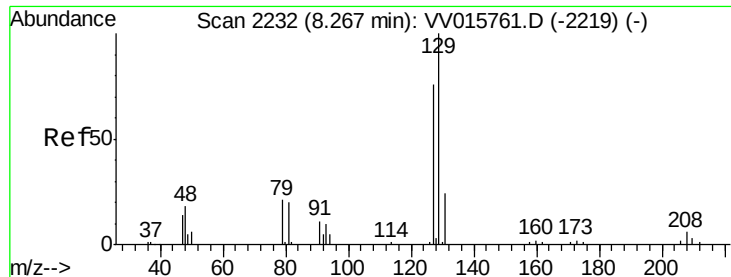
57 13.0 15.0 22.4#

100 5.8 9.0 13.4#



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: 0.862 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015779.D

Acq: 29 Apr 2020 04:36

Instrument :

MSVOA_V

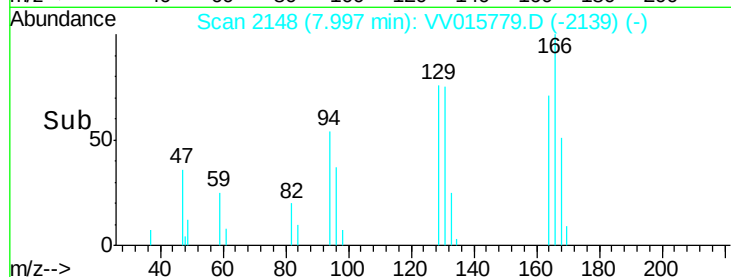
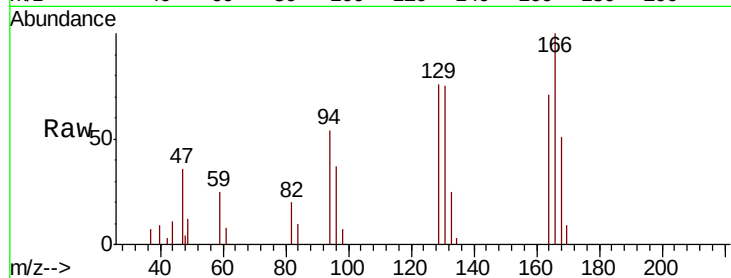
ClientSampleId :

Tot Ion:129 Resp: 4628

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

