

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015490.D
 Acq On : 15 Apr 2020 02:57
 Operator : SY/MD
 Sample : L2274-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YQA8

Quant Time: Apr 15 05:36:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 05:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	108110	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	102480	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50499	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31493	5.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.20%
7) Chloroethane-d5	1.58	69	28090	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.12	63	45448	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.93	46	78578	49.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.78%
24) Chloroform-d	4.38	84	57545	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.06	65	33600	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.08	84	118440	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.10	67	36642	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.34	98	110344	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.65	79	14231	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.11	63	62316	41.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26122	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	41285	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

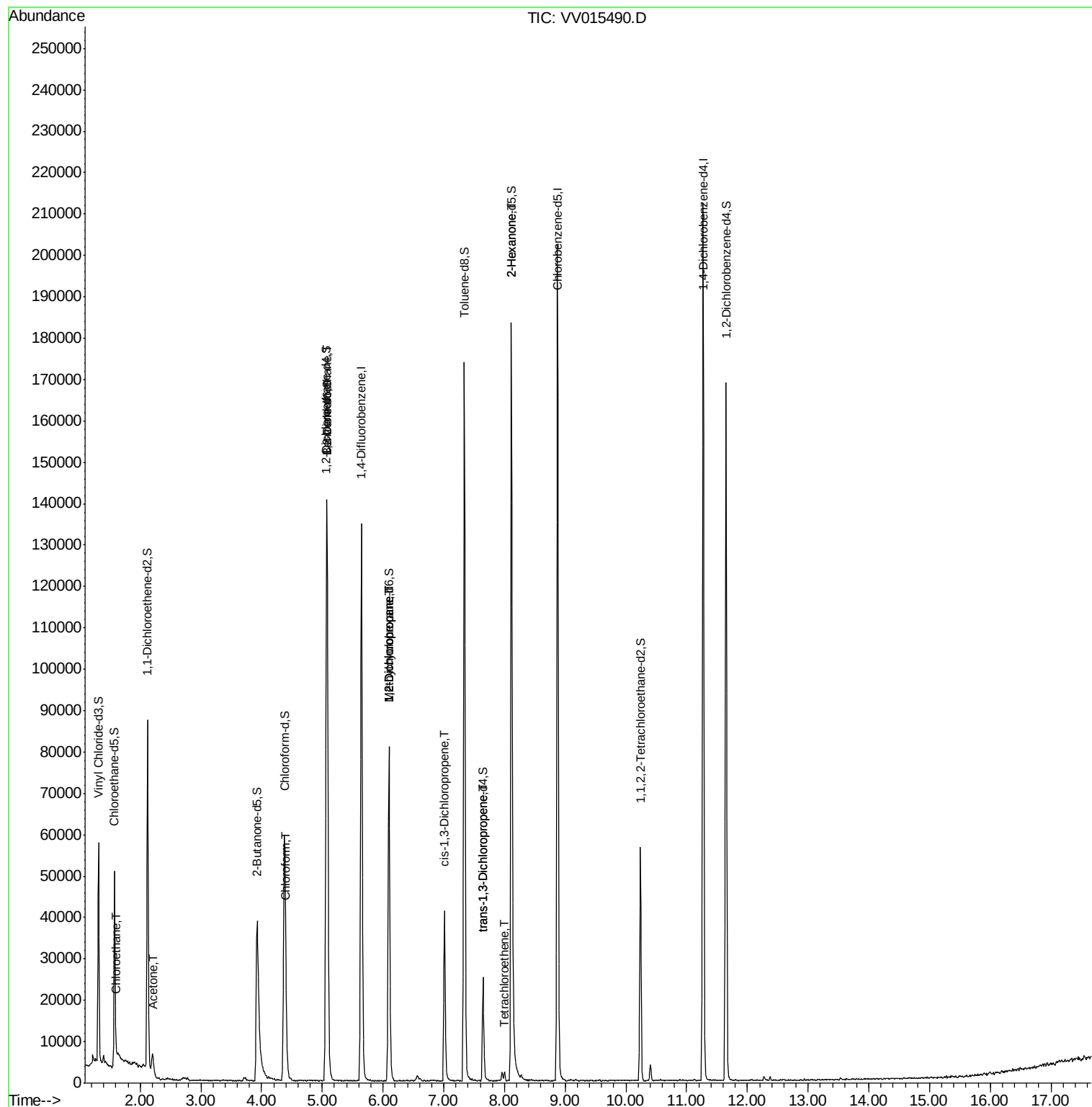
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.61	64	5392	0.947	ug/L #	52
13) Acetone	2.20	43	9854	8.855	ug/L #	57
25) Chloroform	4.41	83	4608	0.312	ug/L	99
27) 1,2-Dichloroethane	5.07	62	699	0.073	ug/L #	77
35) Methylcyclohexane	6.10	83	8899	0.640	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4357	0.573	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1064	0.091	ug/L #	59
44) trans-1,3-Dichloropropene	7.64	75	623	0.063	ug/L #	68
47) Tetrachloroethene	8.00	164	569	0.093	ug/L	87
48) 2-Hexanone	8.11	43	9567	2.741	ug/L #	78

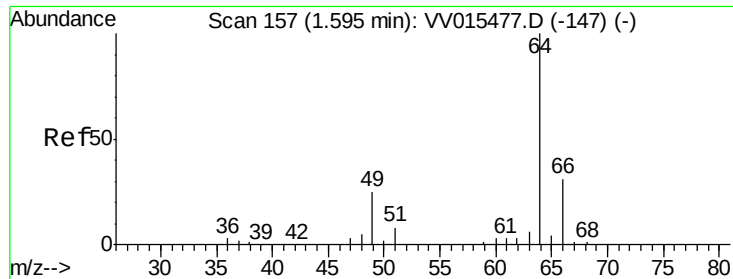
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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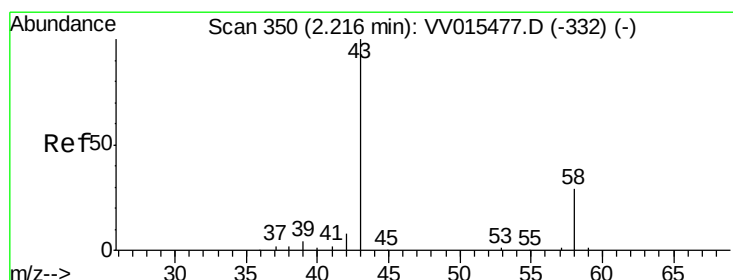
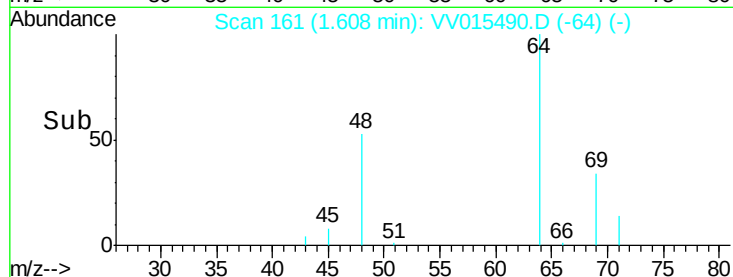
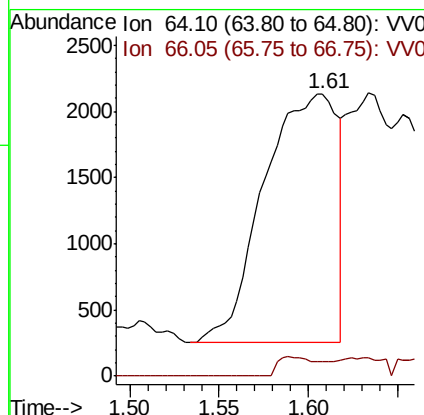
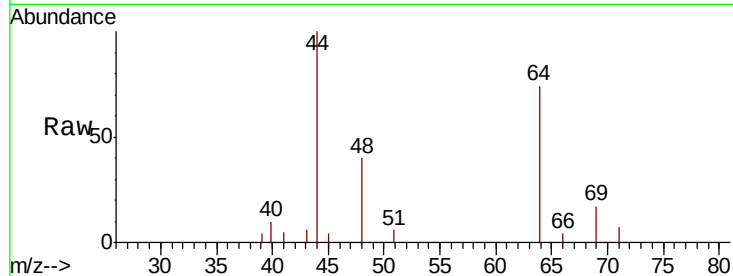




#8
 Chloroethane
 Concen: 0.947 ug/L
 RT: 1.61 min Scan# 161
 Delta R.T. 0.01 min
 Lab File: VV015490.D
 Acq: 15 Apr 2020 02:57

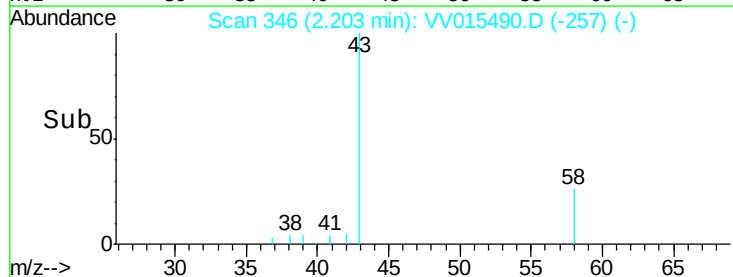
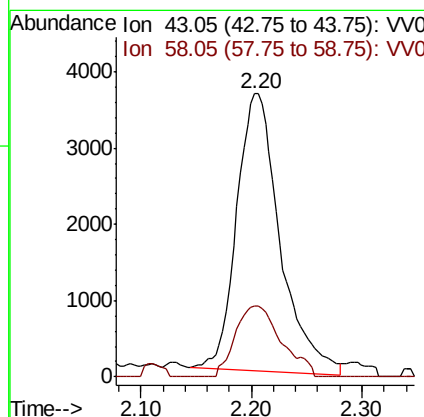
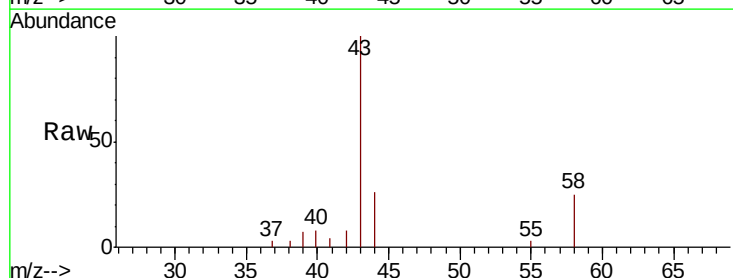
Instrument :
 MSVOA_V
 ClientSampleId :
 YQA8

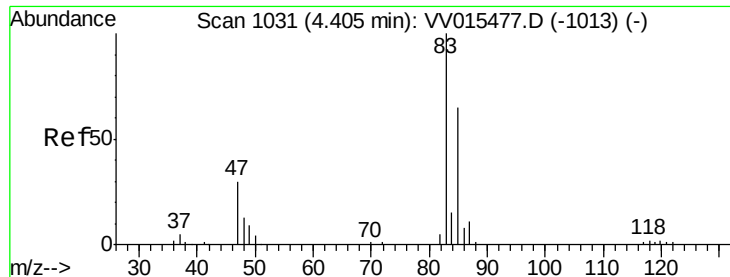
Tot Ion: 64 Resp: 5392
 Ion Ratio Lower Upper
 64 100
 66 5.2 22.3 41.5#



#13
 Acetone
 Concen: 8.855 ug/L
 RT: 2.20 min Scan# 346
 Delta R.T. -0.01 min
 Lab File: VV015490.D
 Acq: 15 Apr 2020 02:57

Tgt Ion: 43 Resp: 9854
 Ion Ratio Lower Upper
 43 100
 58 27.3 0.0 22.2#

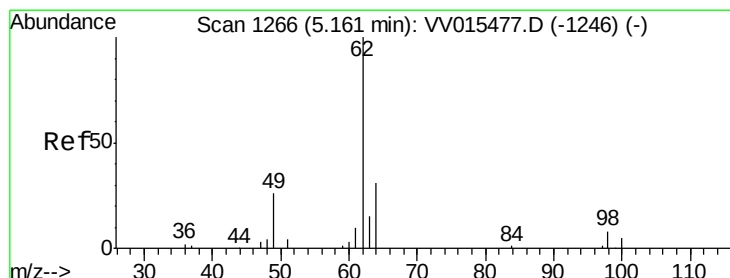
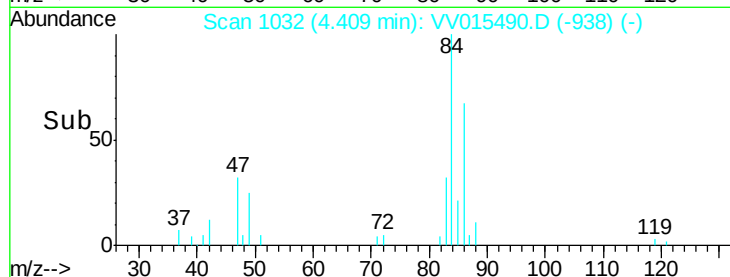
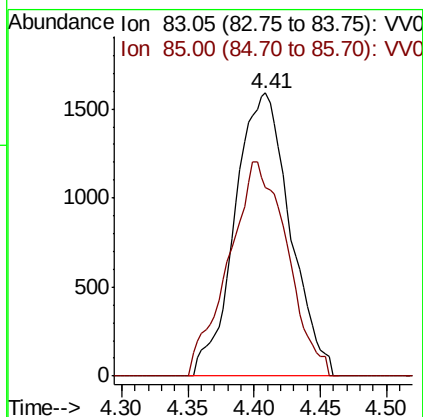
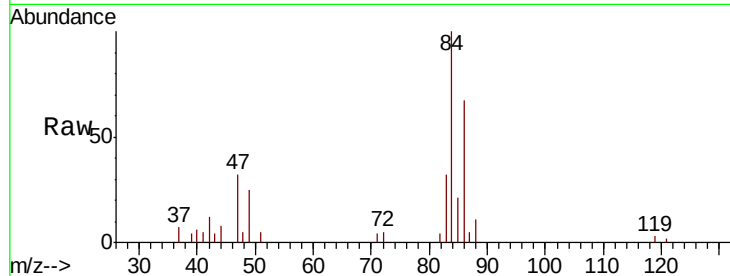




#25
Chloroform
Concen: 0.312 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV015490.D
Acq: 15 Apr 2020 02:57

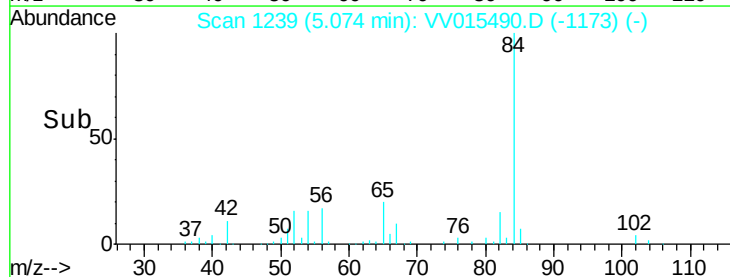
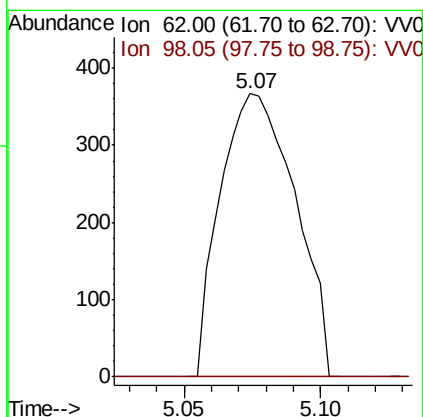
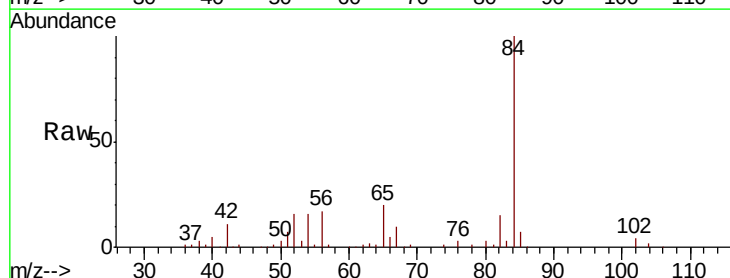
Instrument :
MSVOA_V
ClientSampleId :
YAQA8

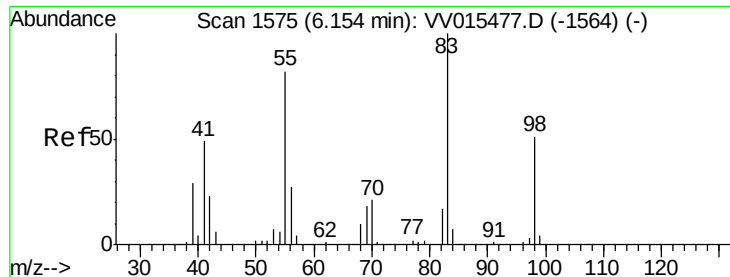
Tot Ion: 83 Resp: 4608
Ion Ratio Lower Upper
83 100
85 66.7 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.073 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.09 min
Lab File: VV015490.D
Acq: 15 Apr 2020 02:57

Tgt Ion: 62 Resp: 699
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

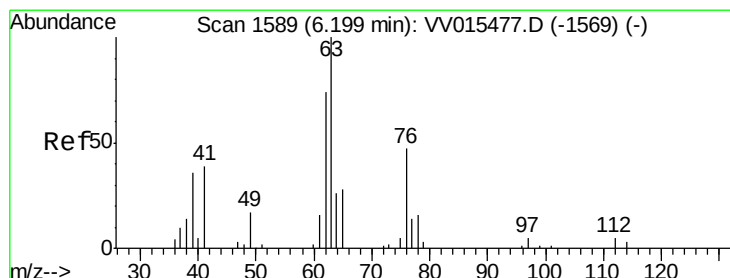
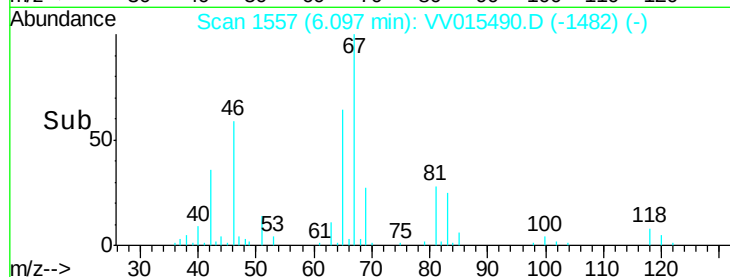
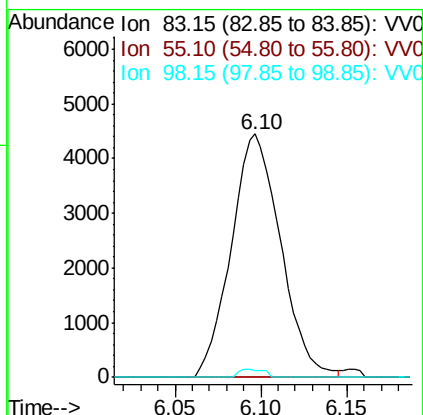
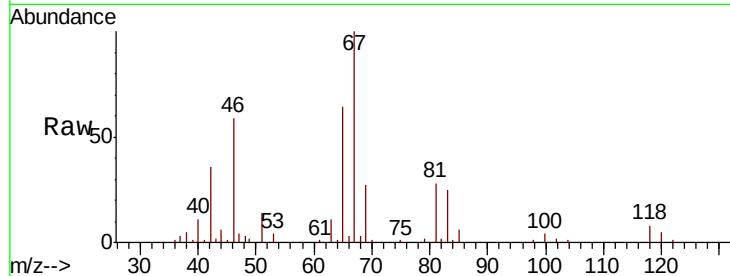




#35
Methylvlcyclohexane
Concen: 0.640 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015490.D
Acq: 15 Apr 2020 02:57

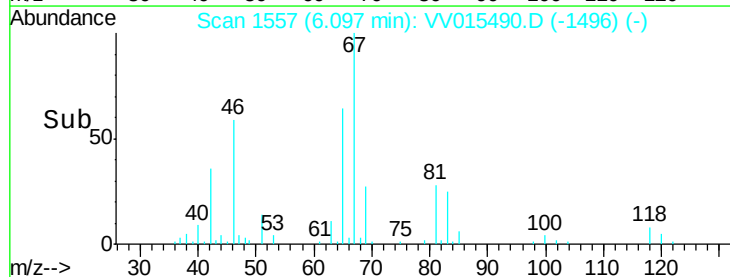
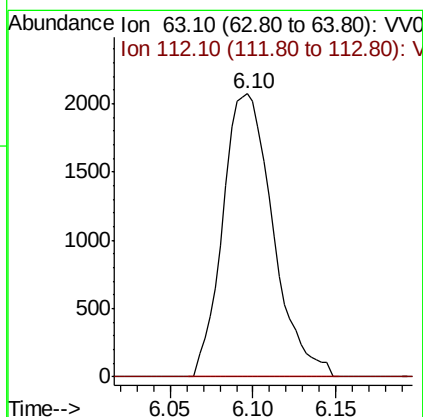
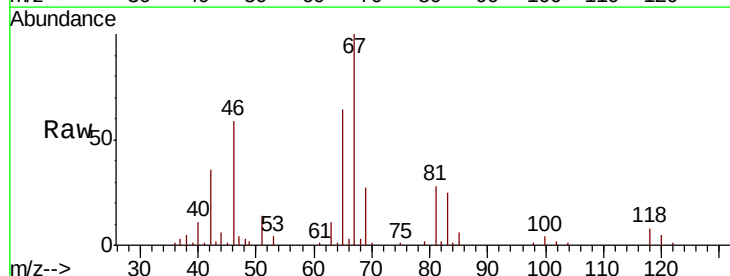
Instrument :
MSVOA_V
ClientSampleId :
YQAQ8

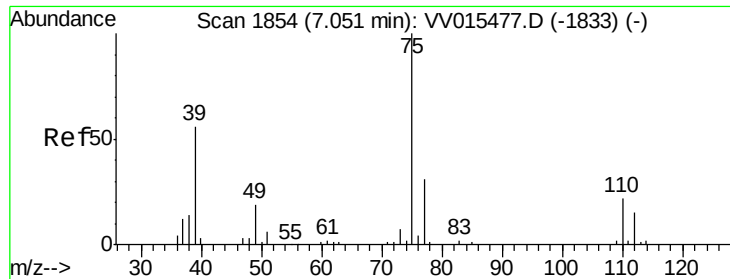
Tot Ion: 83 Resp: 8899
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 1.7 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015490.D
Acq: 15 Apr 2020 02:57

Tgt Ion: 63 Resp: 4357
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



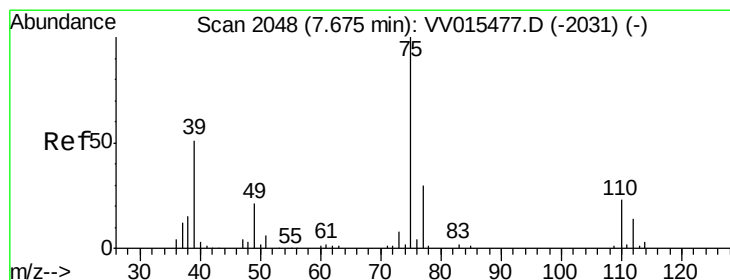
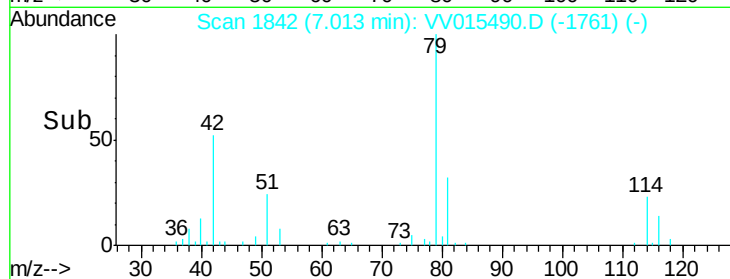
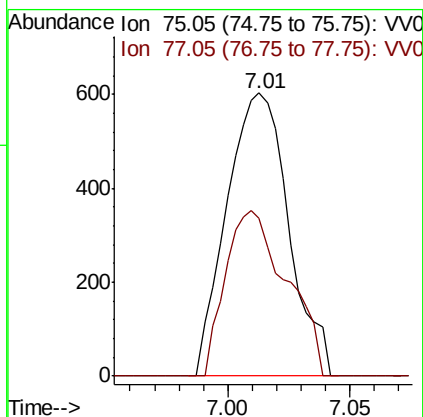
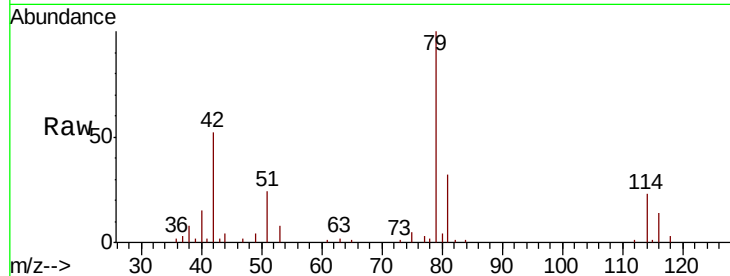


#39

cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015490.D
 Acq: 15 Apr 2020 02:57

Instrument :
 MSVOA_V
 ClientSampleId :
 YQAQ8

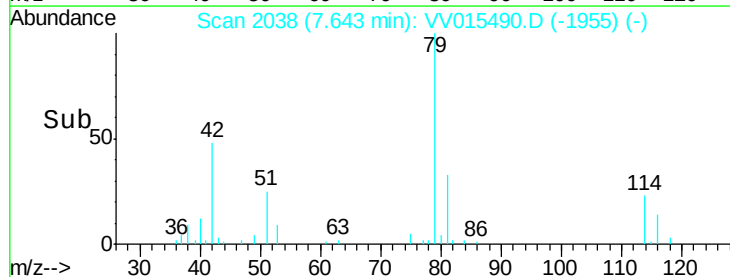
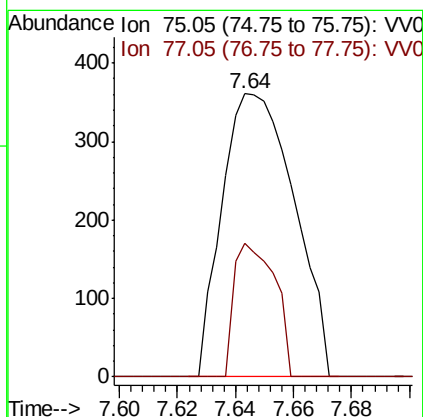
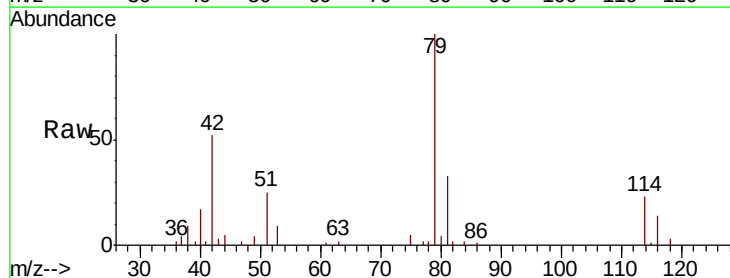
Tot Ion: 75 Resp: 1064
 Ion Ratio Lower Upper
 75 100
 77 56.1 23.0 42.6#

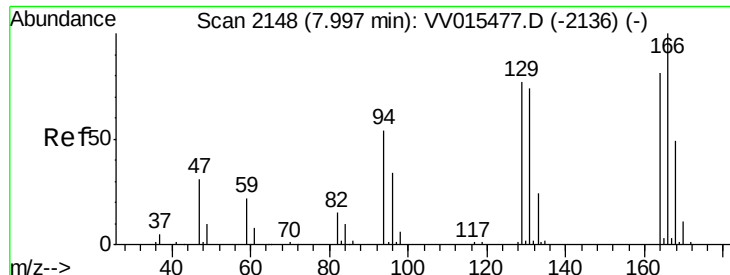


#44

trans-1,3-Dichloropropene
 Concen: 0.063 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015490.D
 Acq: 15 Apr 2020 02:57

Tgt Ion: 75 Resp: 623
 Ion Ratio Lower Upper
 75 100
 77 47.4 21.0 39.0#





#47

Tetrachloroethene

Concen: 0.093 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015490.D

Acq: 15 Apr 2020 02:57

Instrument :
MSVOA_V
ClientSampleId :
YQA8

Tot Ion:164 Resp: 569

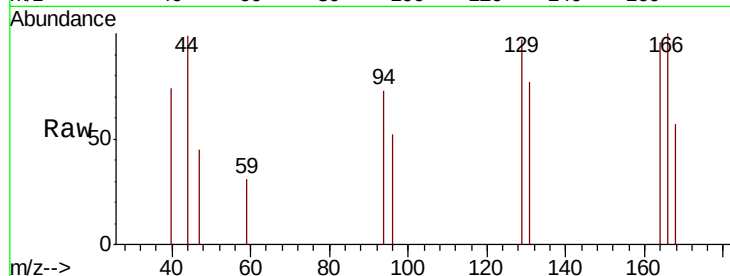
Ion Ratio Lower Upper

164 100

129 101.8 70.6 131.0

131 80.1 68.3 126.8

166 104.5 88.3 163.9

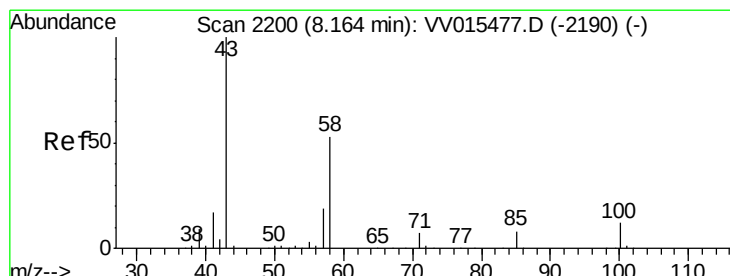
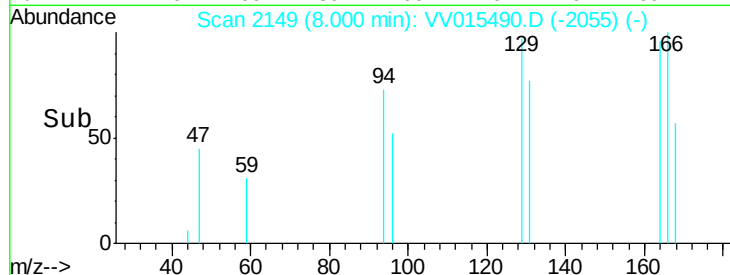
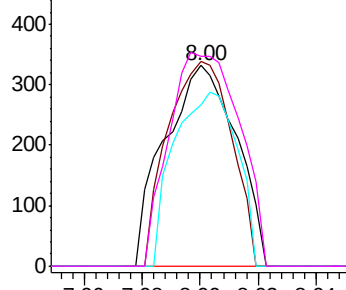


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.741 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015490.D

Acq: 15 Apr 2020 02:57

Tgt Ion: 43 Resp: 9567

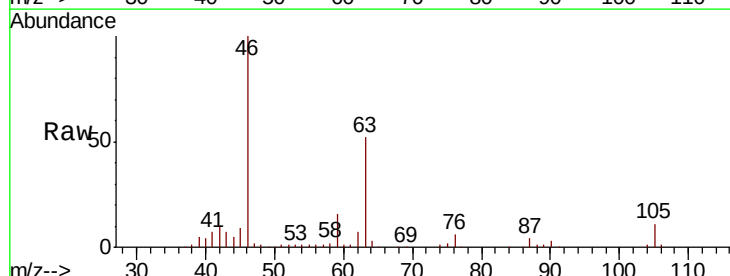
Ion Ratio Lower Upper

43 100

58 32.4 41.4 62.0#

57 19.1 15.0 22.4

100 0.0 9.4 14.2#



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

