

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015497.D
 Acq On : 15 Apr 2020 05:41
 Operator : SY/MD
 Sample : L2274-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAOB5

Quant Time: Apr 15 07:18:59 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	107757	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	101283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50284	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30880	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	1.58	69	26949	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.12	63	44535	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.92	46	74702	47.58	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.16%
24) Chloroform-d	4.38	84	54908	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	33634	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.08	84	118243	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.10	67	36028	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.34	98	109463	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.65	79	13569	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.11	63	63000	42.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25399	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	40776	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

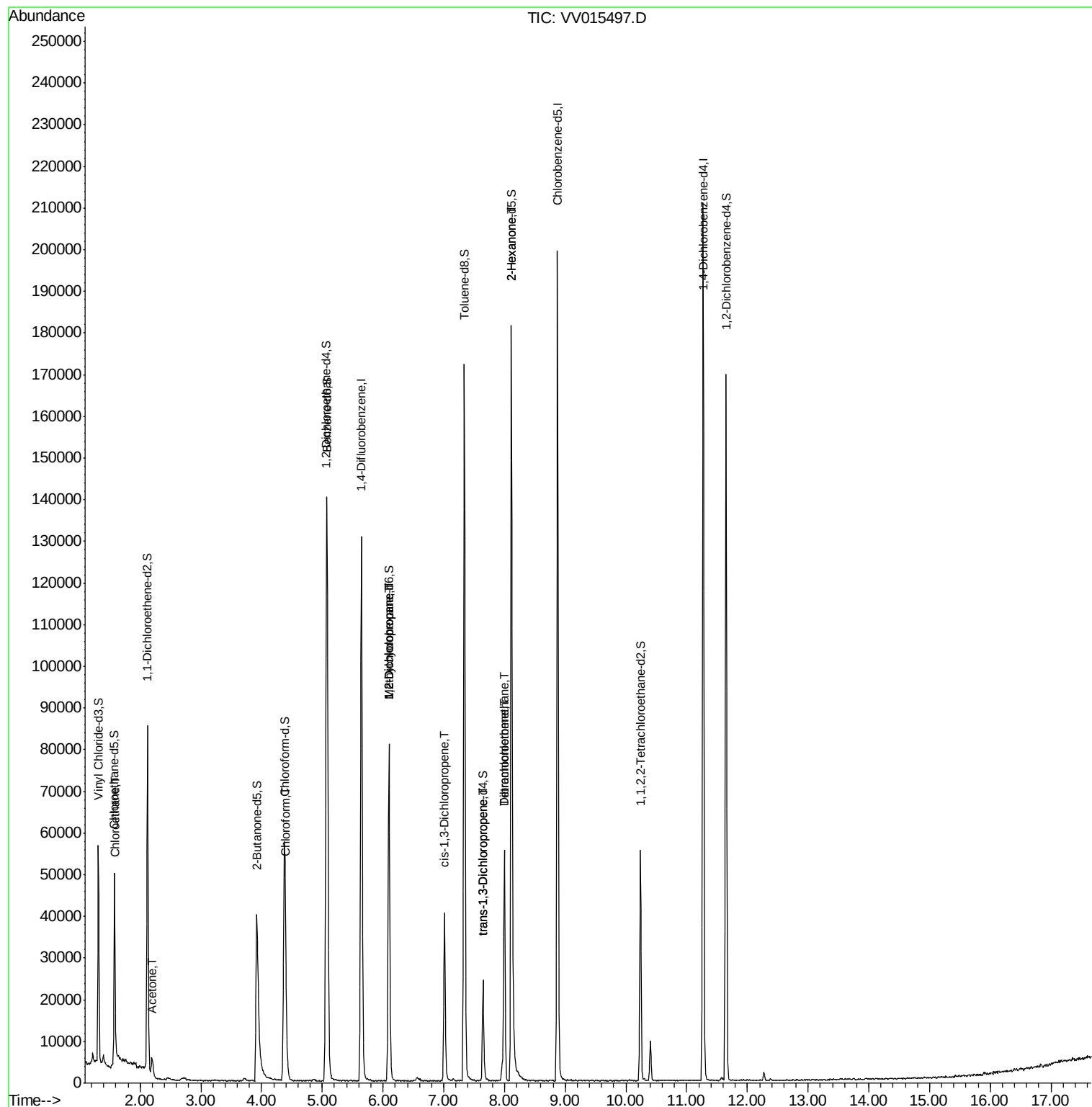
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.59	64	4240	0.748	ug/L #	55
13) Acetone	2.20	43	6868	6.192	ug/L #	49
25) Chloroform	4.40	83	6261	0.426	ug/L	98
35) Methylcyclohexane	6.09	83	8701	0.633	ug/L #	15
37) 1,2-Dichloropropane	6.09	63	4462	0.593	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1046	0.091	ug/L #	52
44) trans-1,3-Dichloropropene	7.64	75	549	0.056	ug/L #	66
47) Tetrachloroethene	8.00	164	11724	1.939	ug/L	97
48) 2-Hexanone	8.11	43	8770	2.542	ug/L #	81
49) Dibromochloromethane	8.00	129	11182	1.847	ug/L #	10

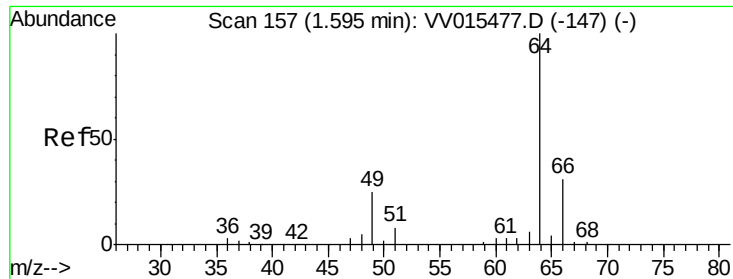
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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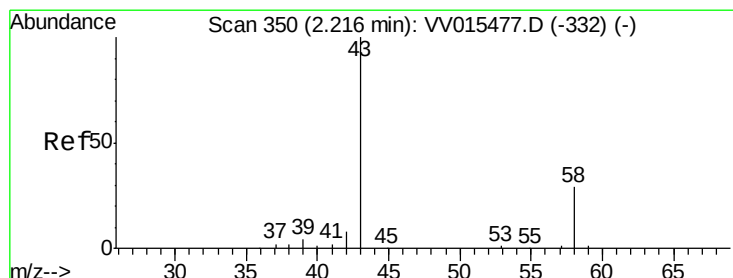
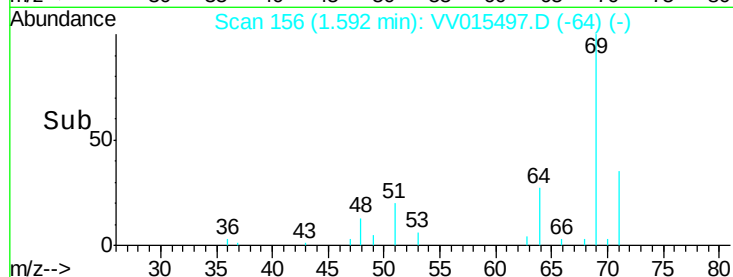
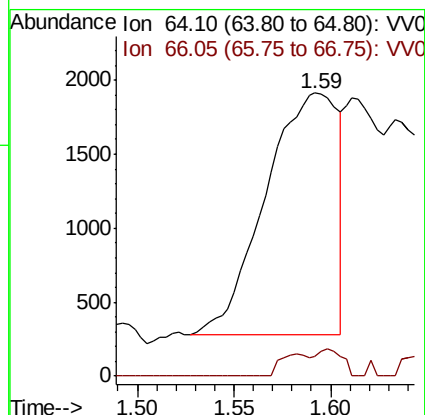
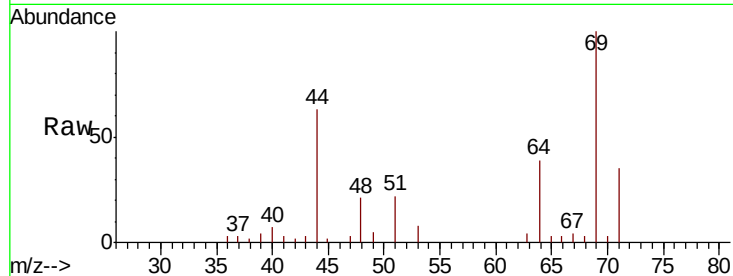




#8
 Chloroethane
 Concen: 0.748 ug/L
 RT: 1.59 min Scan# 156
 Delta R.T. -0.00 min
 Lab File: VV015497.D
 Acq: 15 Apr 2020 05:41

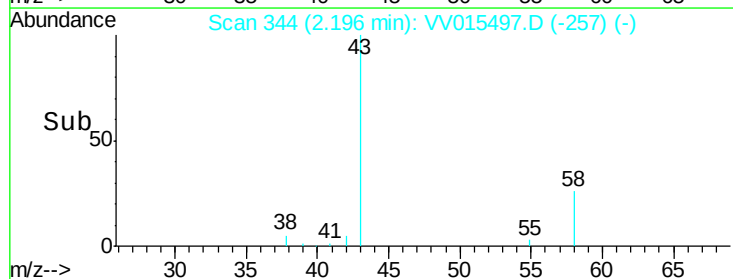
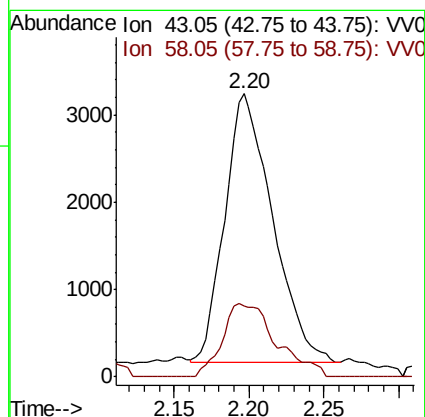
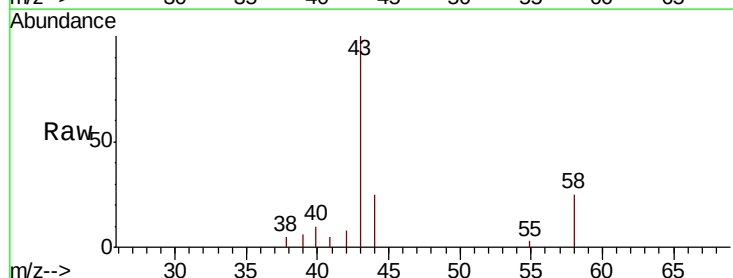
Instrument :
 MSVOA_V
 ClientSampleId :
 YAOB5

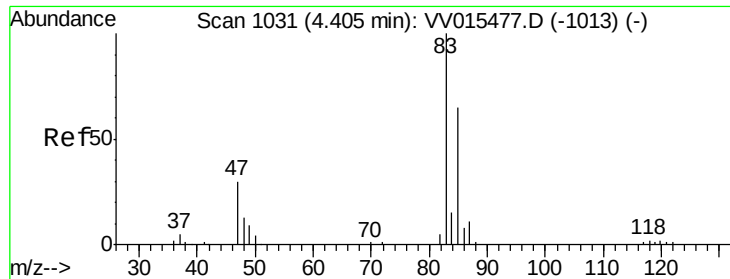
Tot Ion: 64 Resp: 4240
 Ion Ratio Lower Upper
 64 100
 66 7.0 22.3 41.5#



#13
 Acetone
 Concen: 6.192 ug/L
 RT: 2.20 min Scan# 344
 Delta R.T. -0.02 min
 Lab File: VV015497.D
 Acq: 15 Apr 2020 05:41

Tgt Ion: 43 Resp: 6868
 Ion Ratio Lower Upper
 43 100
 58 30.7 0.0 22.2#

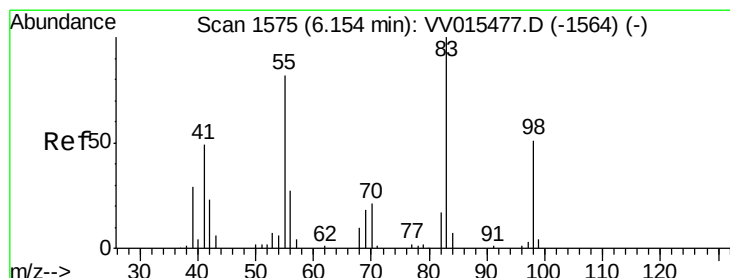
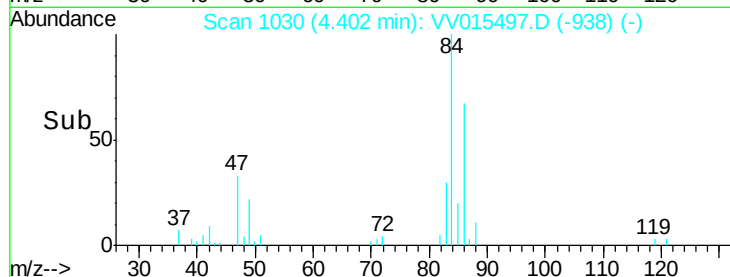
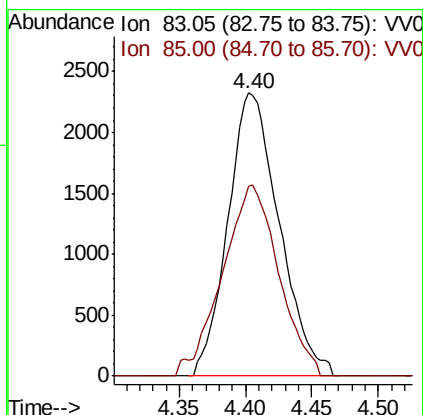
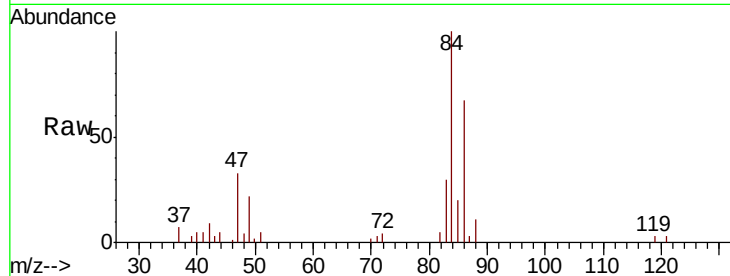




#25
Chloroform
Concen: 0.426 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015497.D
Acq: 15 Apr 2020 05:41

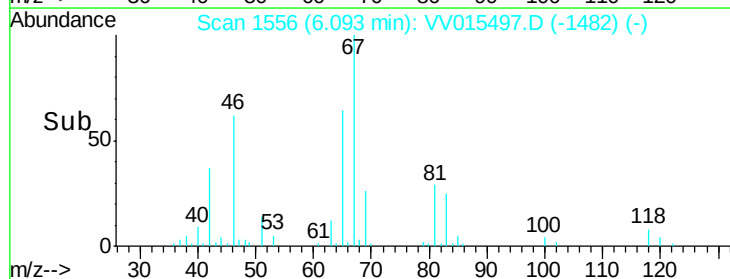
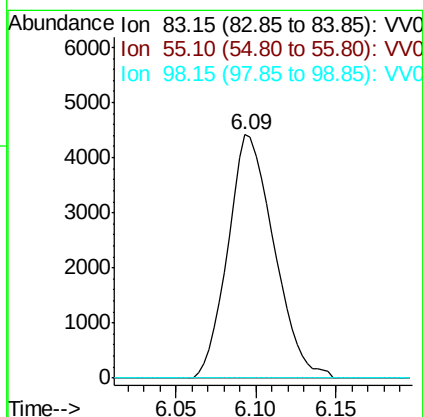
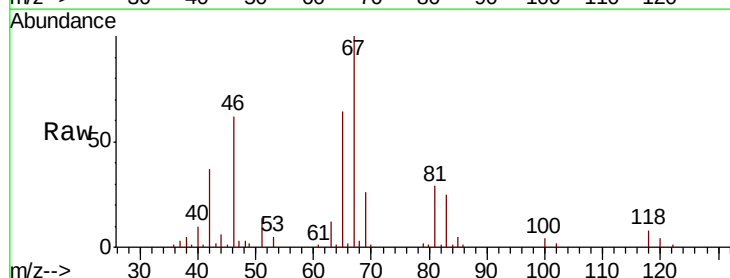
Instrument :
MSVOA_V
ClientSampleId :
YaqB5

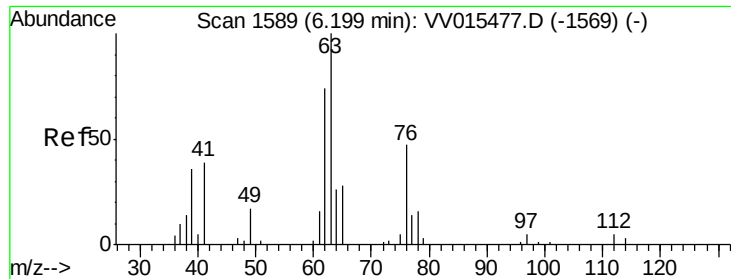
Tot Ion: 83 Resp: 6261
Ion Ratio Lower Upper
83 100
85 67.3 45.9 85.3



#35
Methylcyclohexane
Concen: 0.633 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015497.D
Acq: 15 Apr 2020 05:41

Tgt Ion: 83 Resp: 8701
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.0 38.7 58.1#

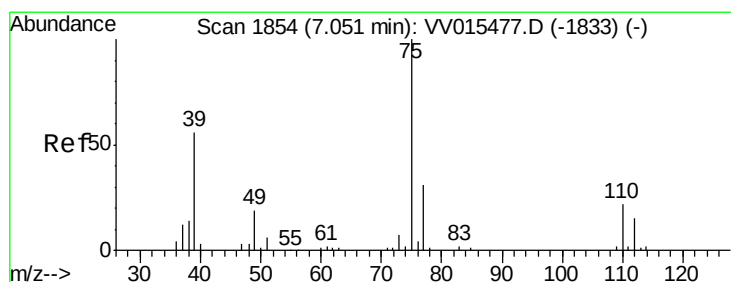
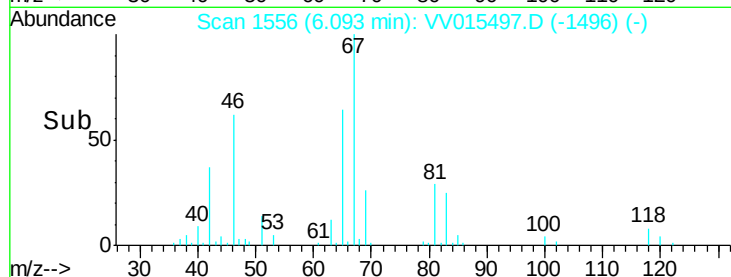
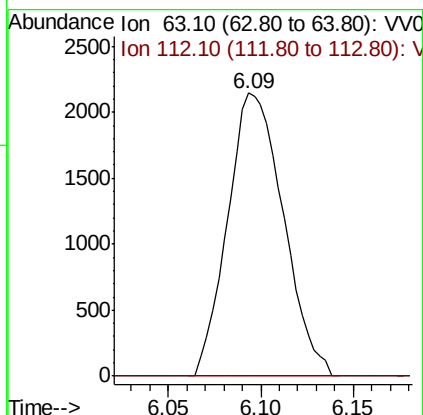
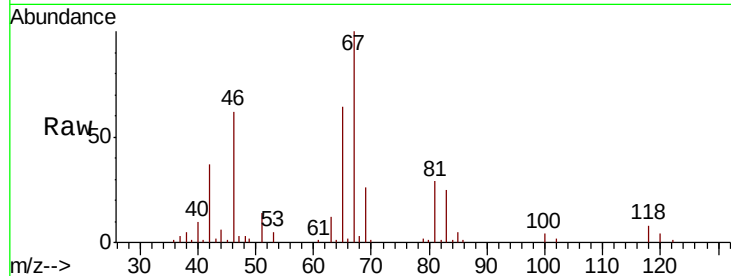




#37
 1,2-Dichloropropane
 Concen: 0.593 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV015497.D
 Acq: 15 Apr 2020 05:41

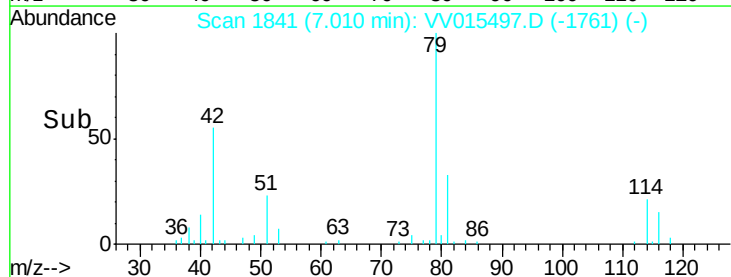
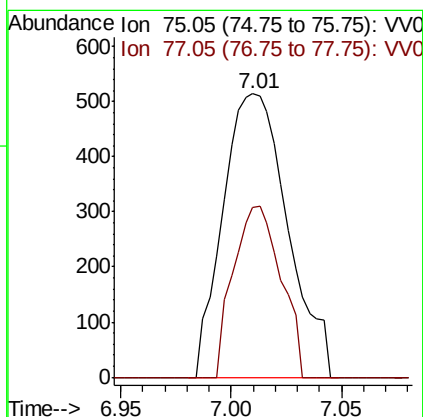
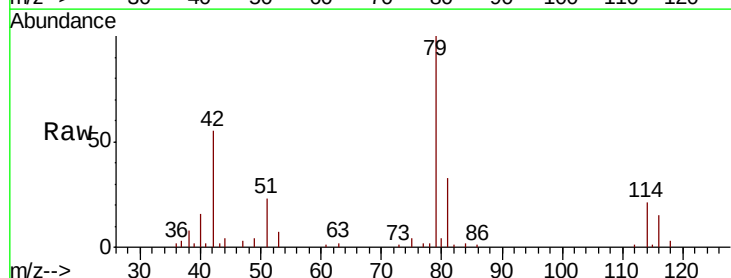
Instrument :
 MSVOA_V
 ClientSampleId :
 YAOB5

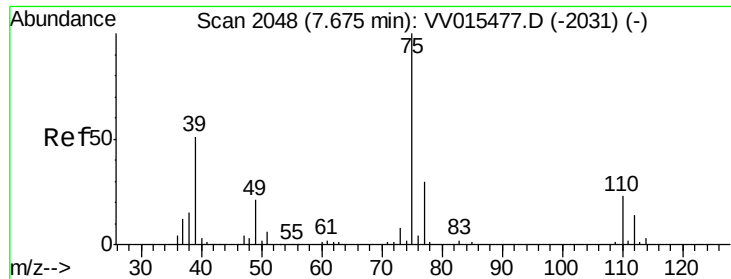
Tot Ion: 63 Resp: 4462
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015497.D
 Acq: 15 Apr 2020 05:41

Tgt Ion: 75 Resp: 1046
 Ion Ratio Lower Upper
 75 100
 77 60.1 23.0 42.6#





#44

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015497.D

Acq: 15 Apr 2020 05:41

Instrument :

MSVOA_V

ClientSampleId :

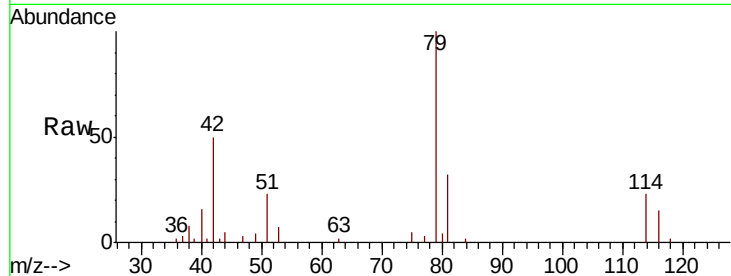
YaqB5

Tot Ion: 75 Resp: 549

Ion Ratio Lower Upper

75 100

77 48.6 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

400

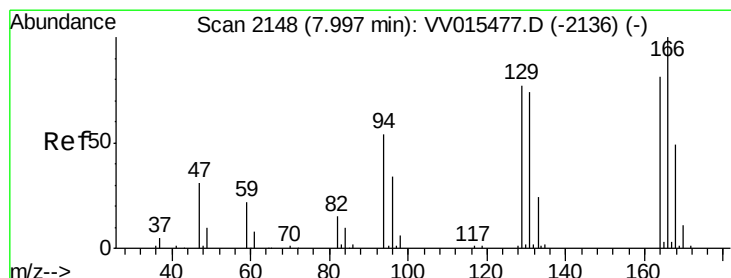
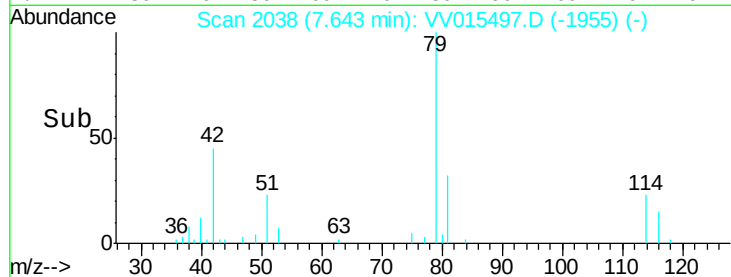
300

200

100

0

Time-->



#47

Tetrachloroethene

Concen: 1.939 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015497.D

Acq: 15 Apr 2020 05:41

Tgt Ion: 164 Resp: 11724

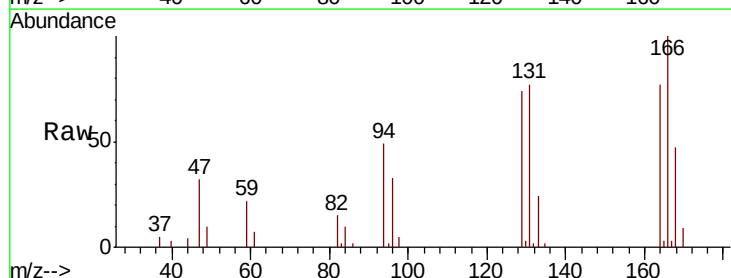
Ion Ratio Lower Upper

164 100

129 95.4 70.6 131.0

131 99.5 68.3 126.8

166 129.6 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

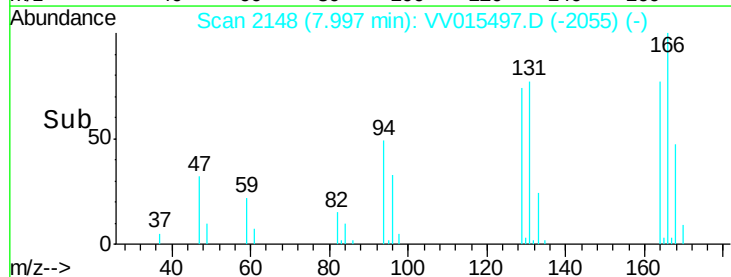
Ion 165.90 (165.60 to 166.60): V

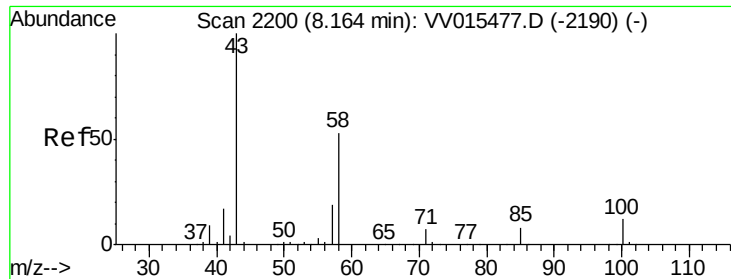
10000

5000

0

Time-->

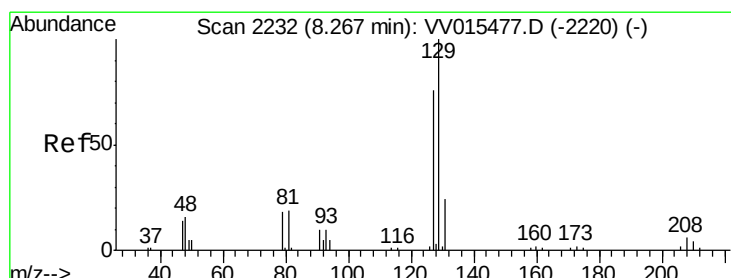
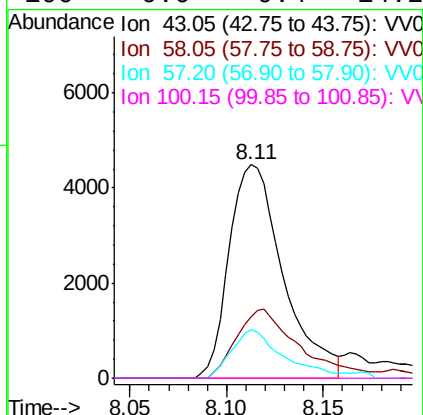
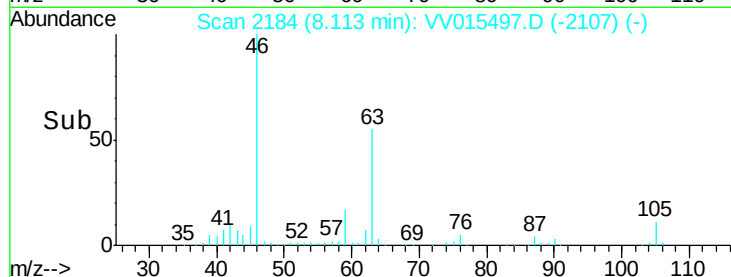
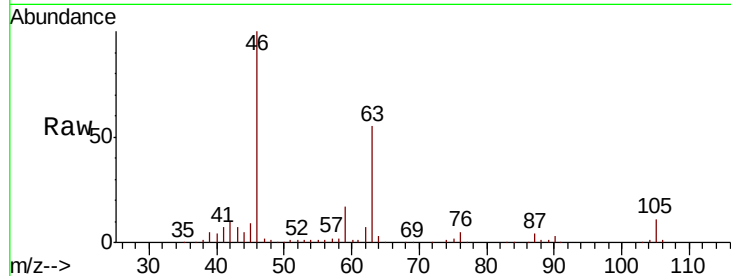




#48
2-Hexanone
Concen: 2.542 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015497.D
Acq: 15 Apr 2020 05:41

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ClientSampleId :
YaqB5

Tot Ion: 43 Resp: 8770
Ion Ratio Lower Upper
43 100
58 37.5 41.4 62.0#
57 21.6 15.0 22.4
100 0.0 9.4 14.2#



#49
Dibromochloromethane
Concen: 1.847 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015497.D
Acq: 15 Apr 2020 05:41

Tgt Ion: 129 Resp: 11182
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#

