

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015499.D
 Acq On : 15 Apr 2020 06:28
 Operator : SY/MD
 Sample : L2274-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAOB7

Quant Time: Apr 15 07:19:23 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	106962	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	101337	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50057	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30557	5.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.00%
7) Chloroethane-d5	1.58	69	28438	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.12	63	44262	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.92	46	78045	50.08	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.16%
24) Chloroform-d	4.38	84	54572	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.06	65	32890	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.08	84	118175	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.10	67	36403	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.34	98	108525	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.65	79	13408	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.11	63	62131	42.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25554	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	40068	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

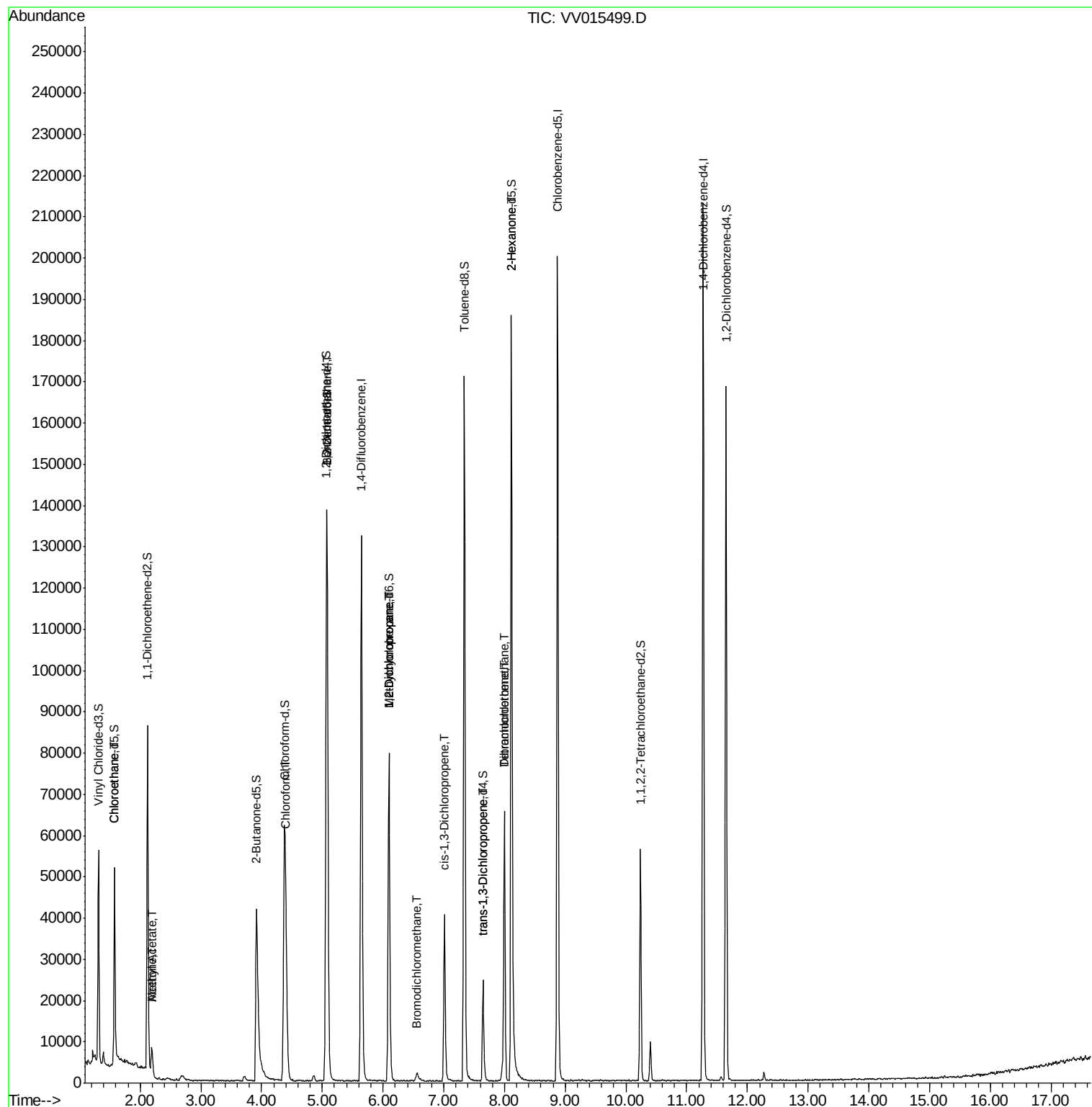
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.59	64	4255	0.756	ug/L #	55
13) Acetone	2.19	43	9611	8.730	ug/L #	53
15) Methyl Acetate	2.19	43	9081	2.788	ug/L #	57
25) Chloroform	4.41	83	22493	1.541	ug/L	92
27) 1,2-Dichloroethane	5.07	62	752	0.080	ug/L #	77
35) Methylcyclohexane	6.10	83	8963	0.652	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4255	0.566	ug/L #	86
38) Bromodichloromethane	6.55	83	473	0.047	ug/L #	83
39) cis-1,3-Dichloropropene	7.01	75	1097	0.095	ug/L	87
44) trans-1,3-Dichloropropene	7.64	75	642	0.066	ug/L #	76
47) Tetrachloroethene	8.00	164	13622	2.252	ug/L	97
48) 2-Hexanone	8.11	43	10011	2.901	ug/L #	79
49) Dibromochloromethane	8.00	129	13472	2.224	ug/L #	10

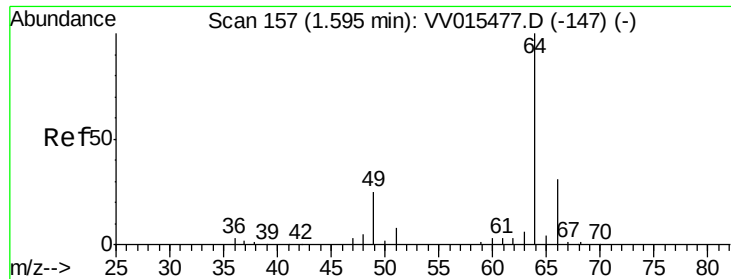
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 15 05:31:01 2020
Response via : Initial Calibration

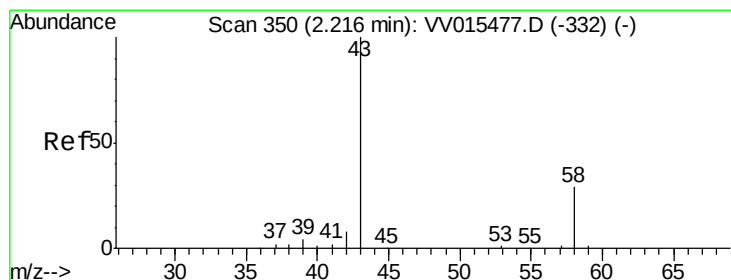
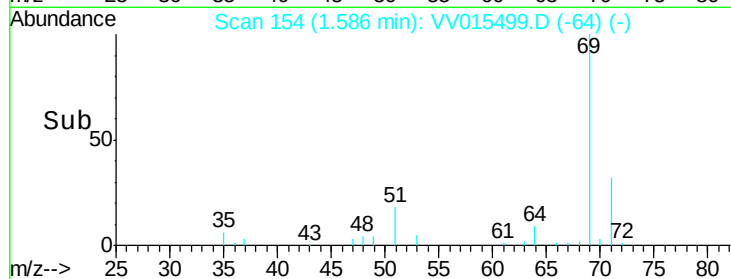
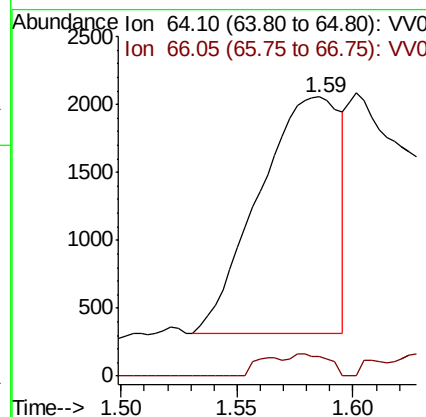
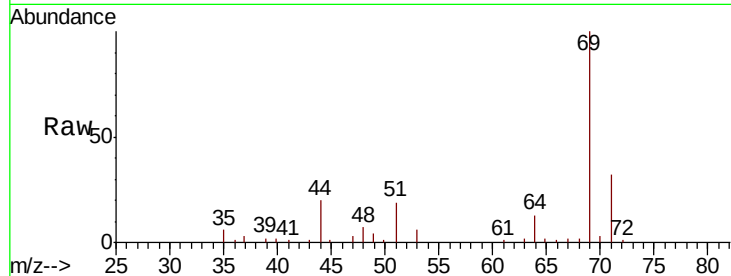




#8
Chloroethane
Concen: 0.756 ug/L
RT: 1.59 min Scan# 154
Delta R.T. -0.01 min
Lab File: VV015499.D
Acq: 15 Apr 2020 06:28

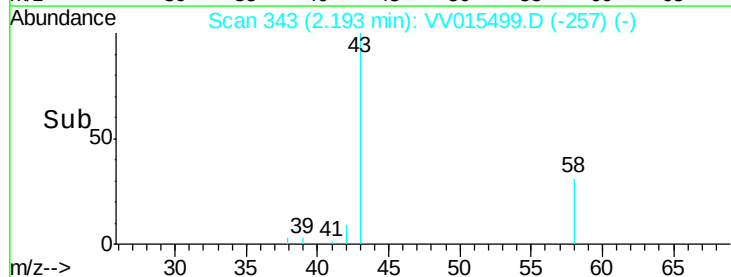
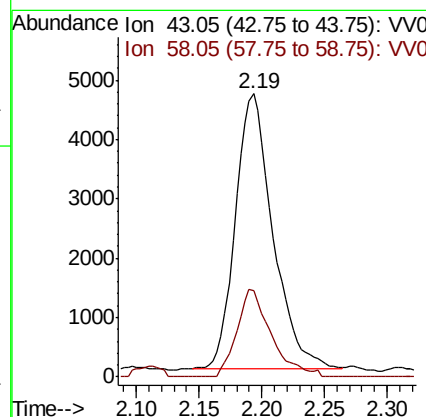
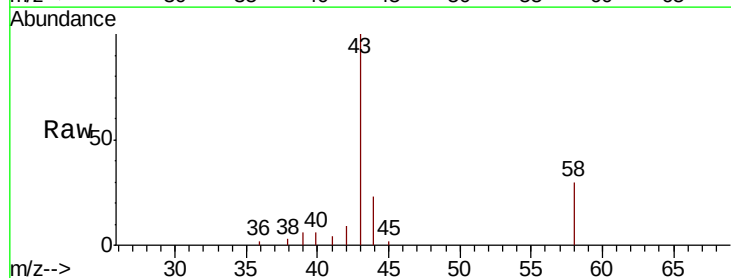
Instrument :
MSVOA_V
ClientSampleId :
YaqB7

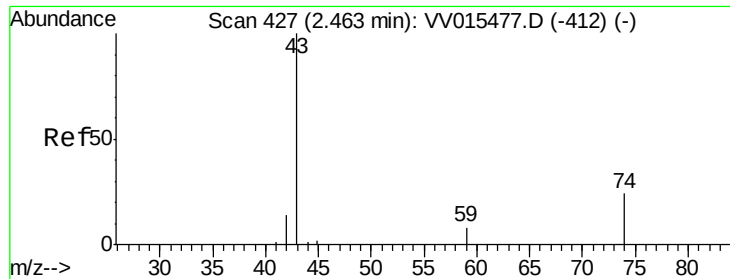
Tot Ion: 64 Resp: 4255
Ion Ratio Lower Upper
64 100
66 7.0 22.3 41.5#



#13
Acetone
Concen: 8.730 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.02 min
Lab File: VV015499.D
Acq: 15 Apr 2020 06:28

Tgt Ion: 43 Resp: 9611
Ion Ratio Lower Upper
43 100
58 29.1 0.0 22.2#

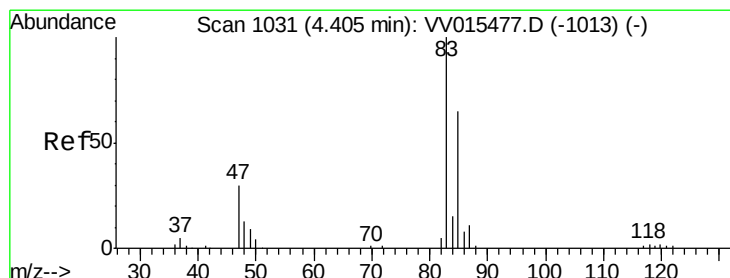
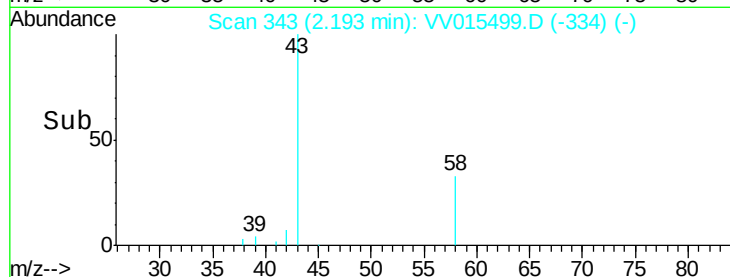
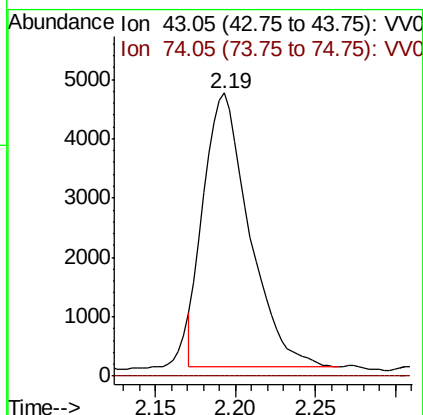
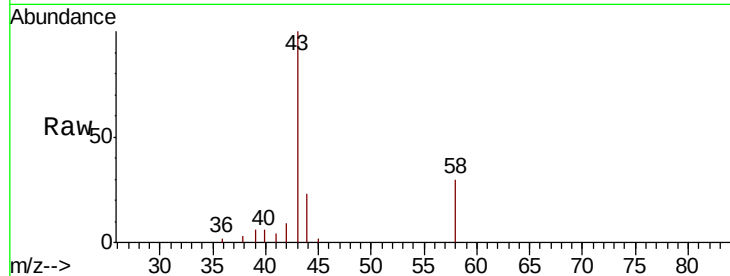




#15
Methvl Acetate
Concen: 2.788 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.27 min
Lab File: VV015499.D
Acq: 15 Apr 2020 06:28

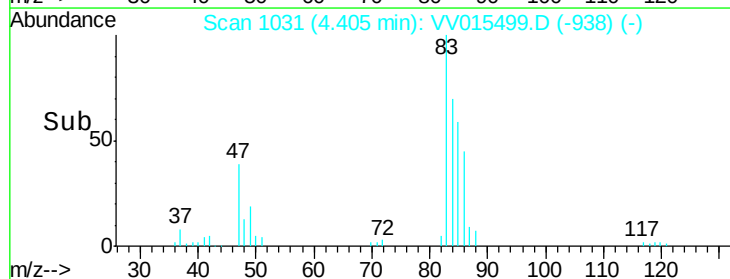
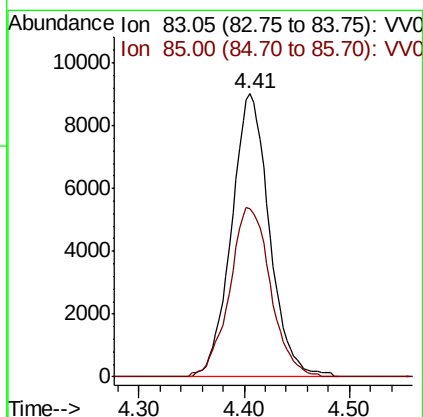
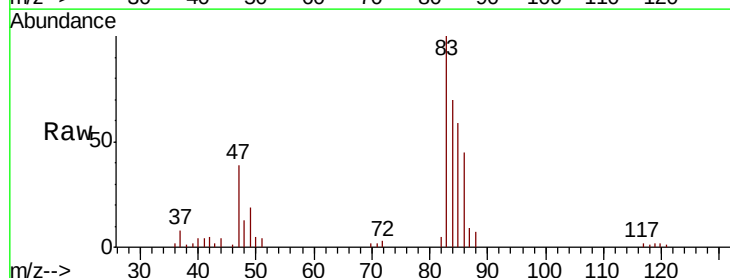
Instrument :
MSVOA_V
ClientSampled :
YaqB7

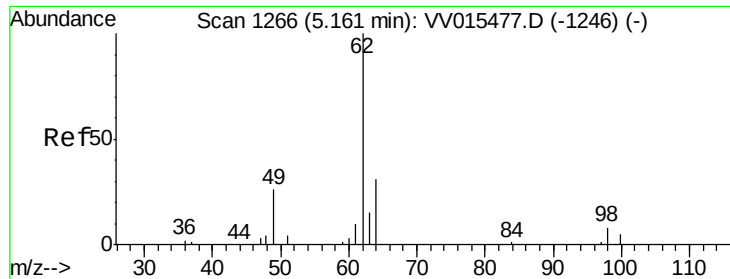
Tot Ion: 43 Resp: 9081
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#25
Chloroform
Concen: 1.541 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015499.D
Acq: 15 Apr 2020 06:28

Tgt Ion: 83 Resp: 22493
Ion Ratio Lower Upper
83 100
85 59.5 45.9 85.3

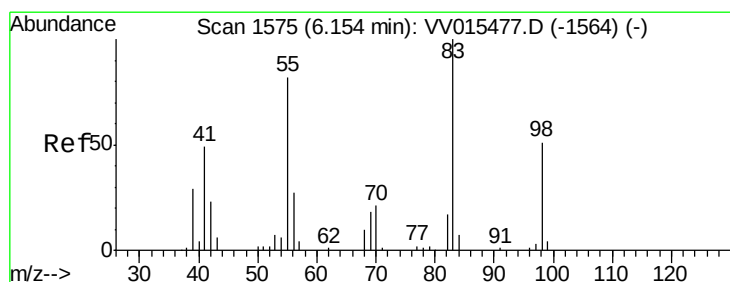
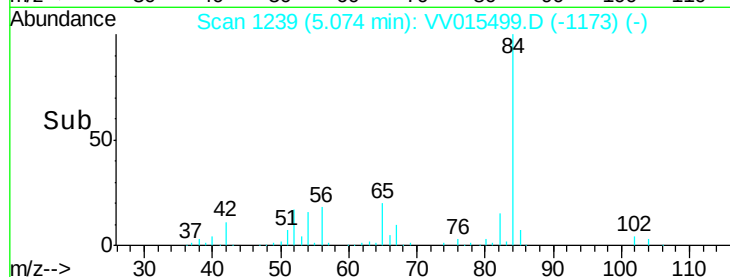
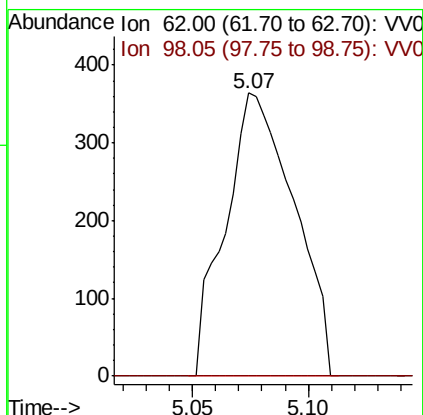
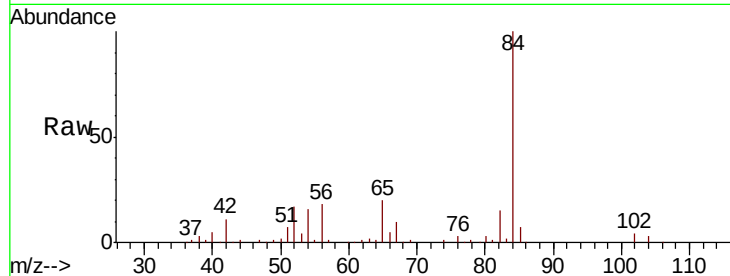




#27
 1,2-Dichloroethane
 Concen: 0.080 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.09 min
 Lab File: VV015499.D
 Acq: 15 Apr 2020 06:28

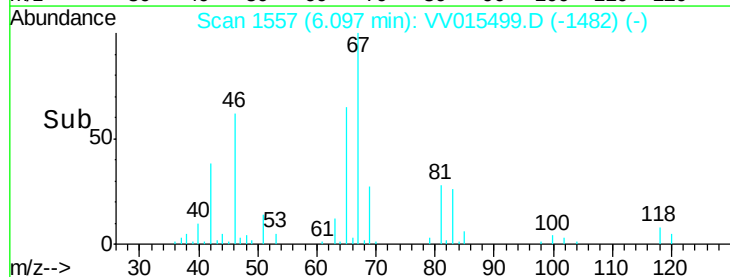
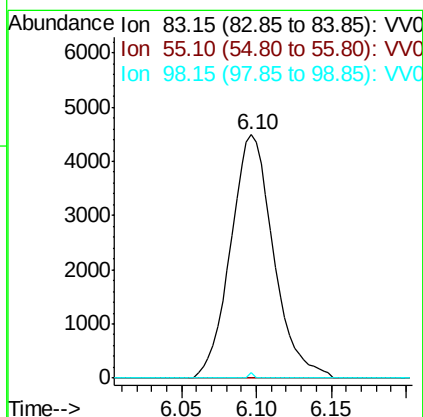
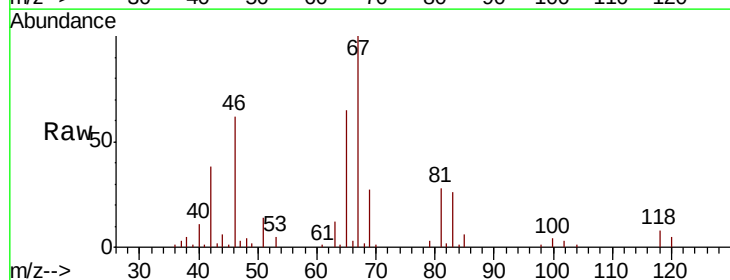
Instrument :
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 ClientSampleId :
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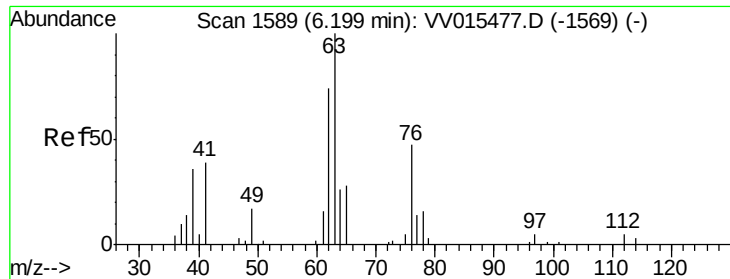
Tot Ion: 62 Resp: 752
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.652 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015499.D
 Acq: 15 Apr 2020 06:28

Tgt Ion: 83 Resp: 8963
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.2 38.7 58.1#

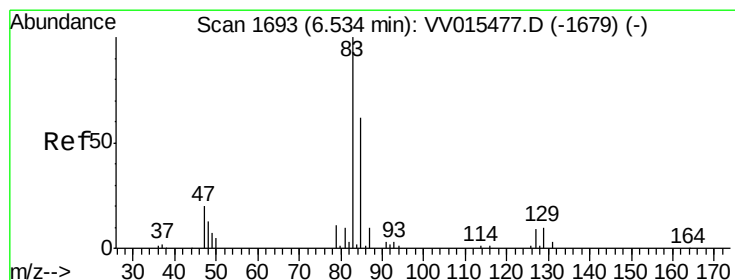
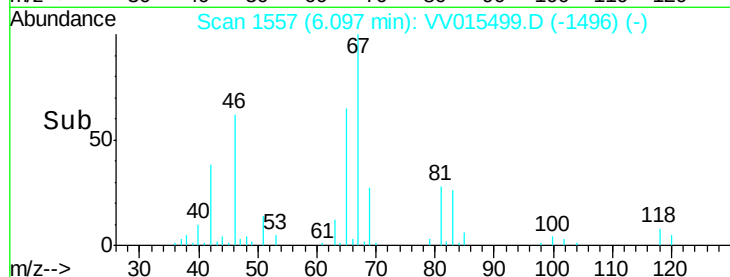
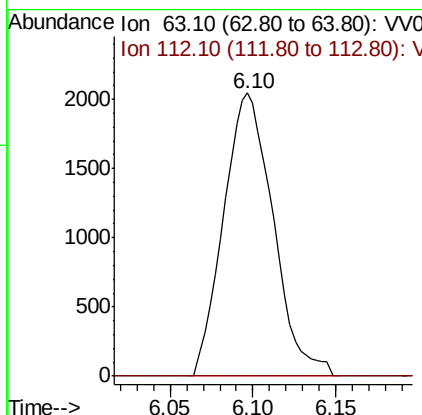
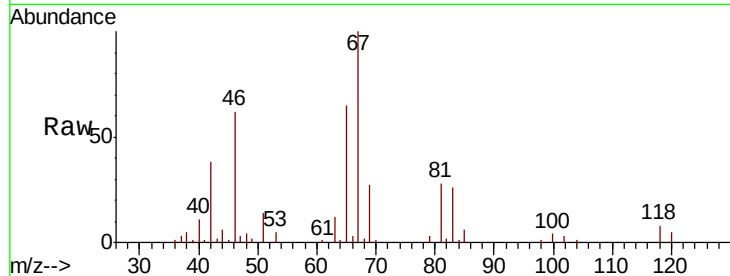




#37
 1,2-Dichloropropane
 Concen: 0.566 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015499.D
 Acq: 15 Apr 2020 06:28

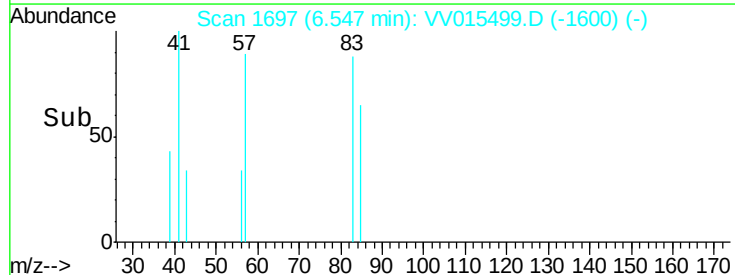
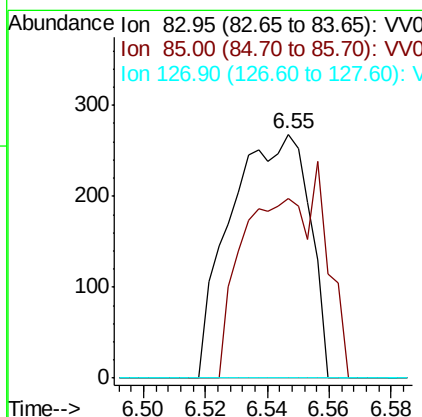
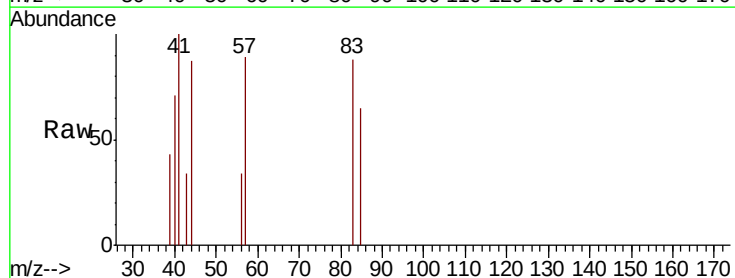
Instrument :
 MSVOA_V
 ClientSampleId :
 YAOB7

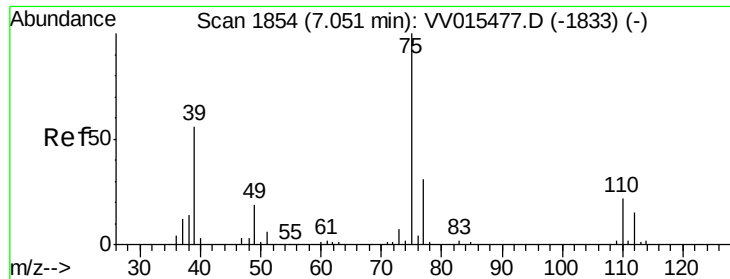
Tot Ion: 63 Resp: 4255
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#38
 Bromodichloromethane
 Concen: 0.047 ug/L
 RT: 6.55 min Scan# 1697
 Delta R.T. 0.01 min
 Lab File: VV015499.D
 Acq: 15 Apr 2020 06:28

Tgt Ion: 83 Resp: 473
 Ion Ratio Lower Upper
 83 100
 85 73.5 42.6 79.2
 127 0.0 6.6 9.8#

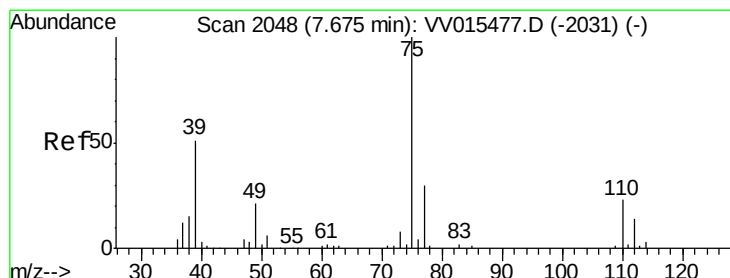
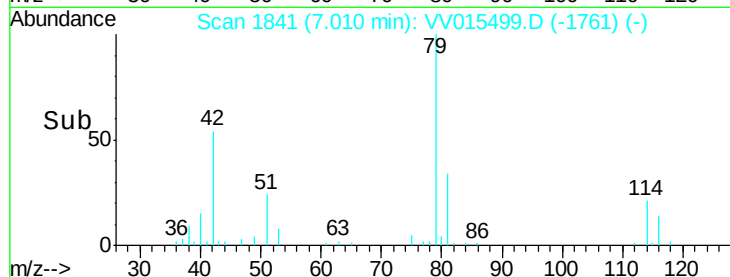
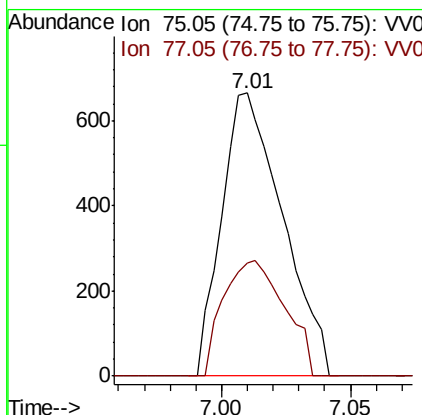
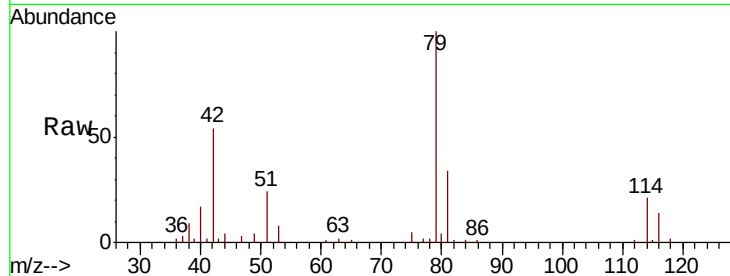




#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015499.D
 Acq: 15 Apr 2020 06:28

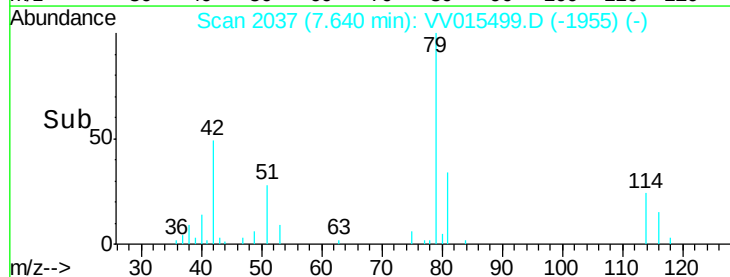
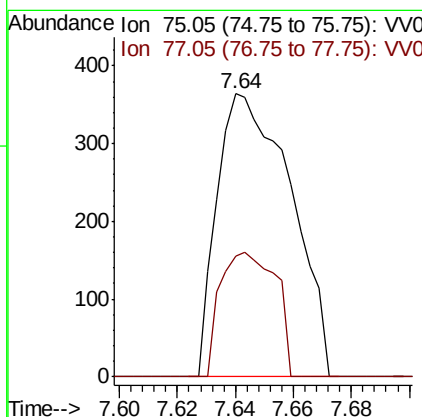
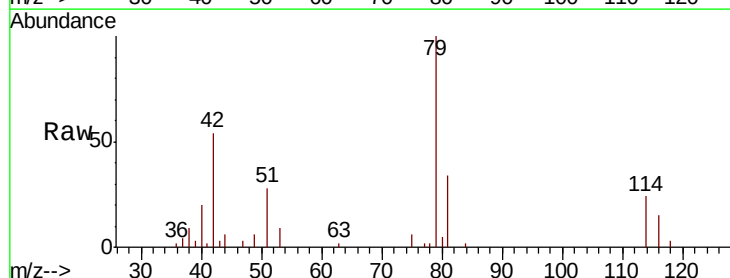
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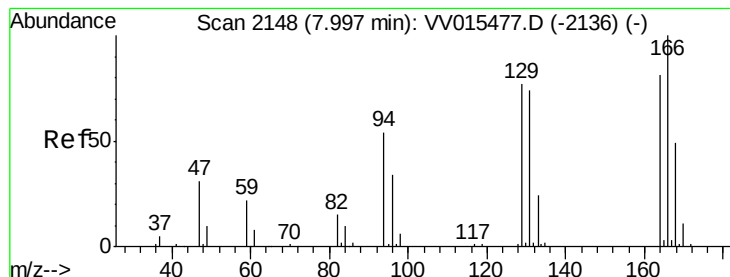
Tot Ion: 75 Resp: 1097
 Ion Ratio Lower Upper
 75 100
 77 39.8 23.0 42.6



#44
 trans-1,3-Dichloropropene
 Concen: 0.066 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.04 min
 Lab File: VV015499.D
 Acq: 15 Apr 2020 06:28

Tgt Ion: 75 Resp: 642
 Ion Ratio Lower Upper
 75 100
 77 42.9 21.0 39.0#





#47

Tetrachloroethene

Concen: 2.252 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015499.D

Acq: 15 Apr 2020 06:28

Instrument :

MSVOA_V

ClientSampleId :

YAOB7

Tot Ion:164 Resp: 13622

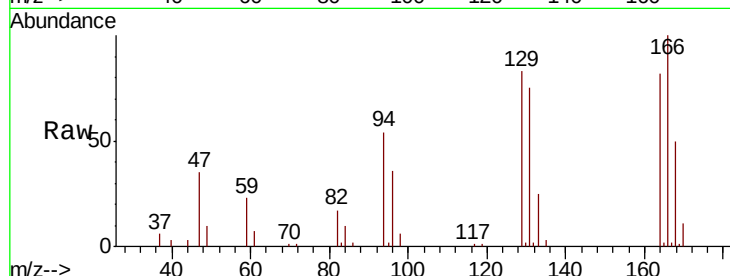
Ion Ratio Lower Upper

164 100

129 101.2 70.6 131.0

131 91.3 68.3 126.8

166 122.5 88.3 163.9

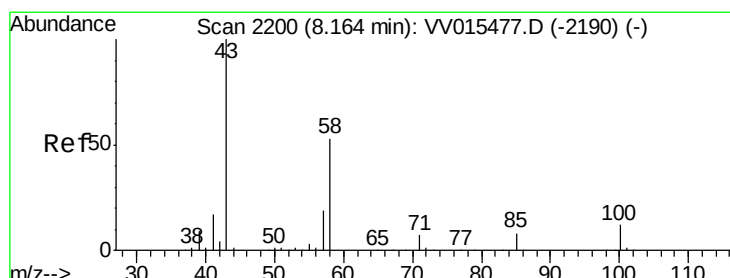
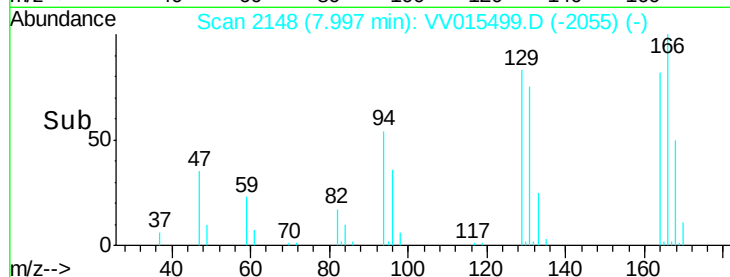
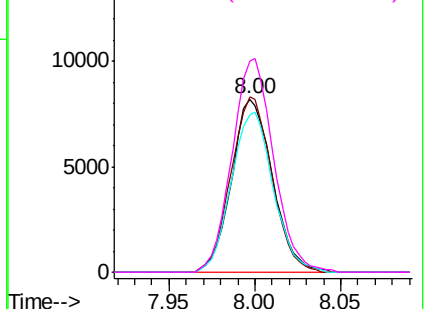


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.901 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015499.D

Acq: 15 Apr 2020 06:28

Tgt Ion: 43 Resp: 10011

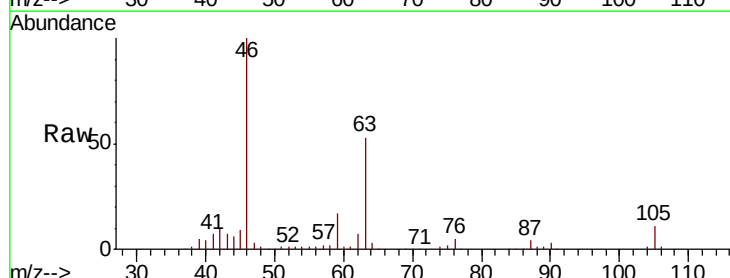
Ion Ratio Lower Upper

43 100

58 33.7 41.4 62.0#

57 19.8 15.0 22.4

100 0.0 9.4 14.2#

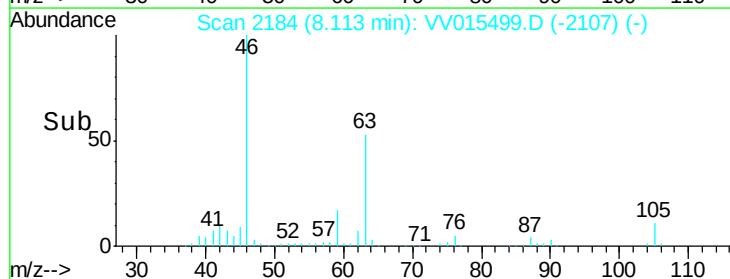
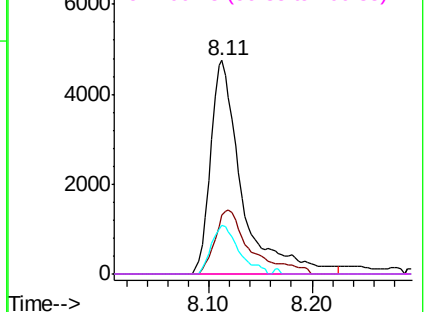


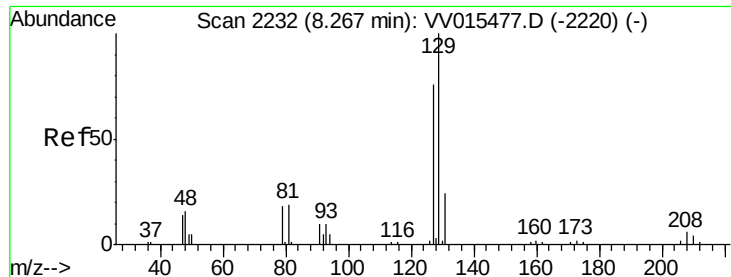
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#49

Dibromochloromethane

Concen: 2.224 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015499.D

Acq: 15 Apr 2020 06:28

Instrument :

MSVOA_V

ClientSampleId :

YaqB7

Tot Ion:129 Resp: 13472

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

