

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015495.D
 Acq On : 15 Apr 2020 04:54
 Operator : SY/MD
 Sample : L2274-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YaqB3

Quant Time: Apr 15 05:37:13 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	106222	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	101555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50712	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31293	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.58	69	27450	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.12	63	44647	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.92	46	76507	49.44	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	4.38	84	55516	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	33224	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.08	84	117473	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.10	67	37179	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.34	98	109320	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.65	79	13813	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.11	63	61093	41.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26166	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	40399	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

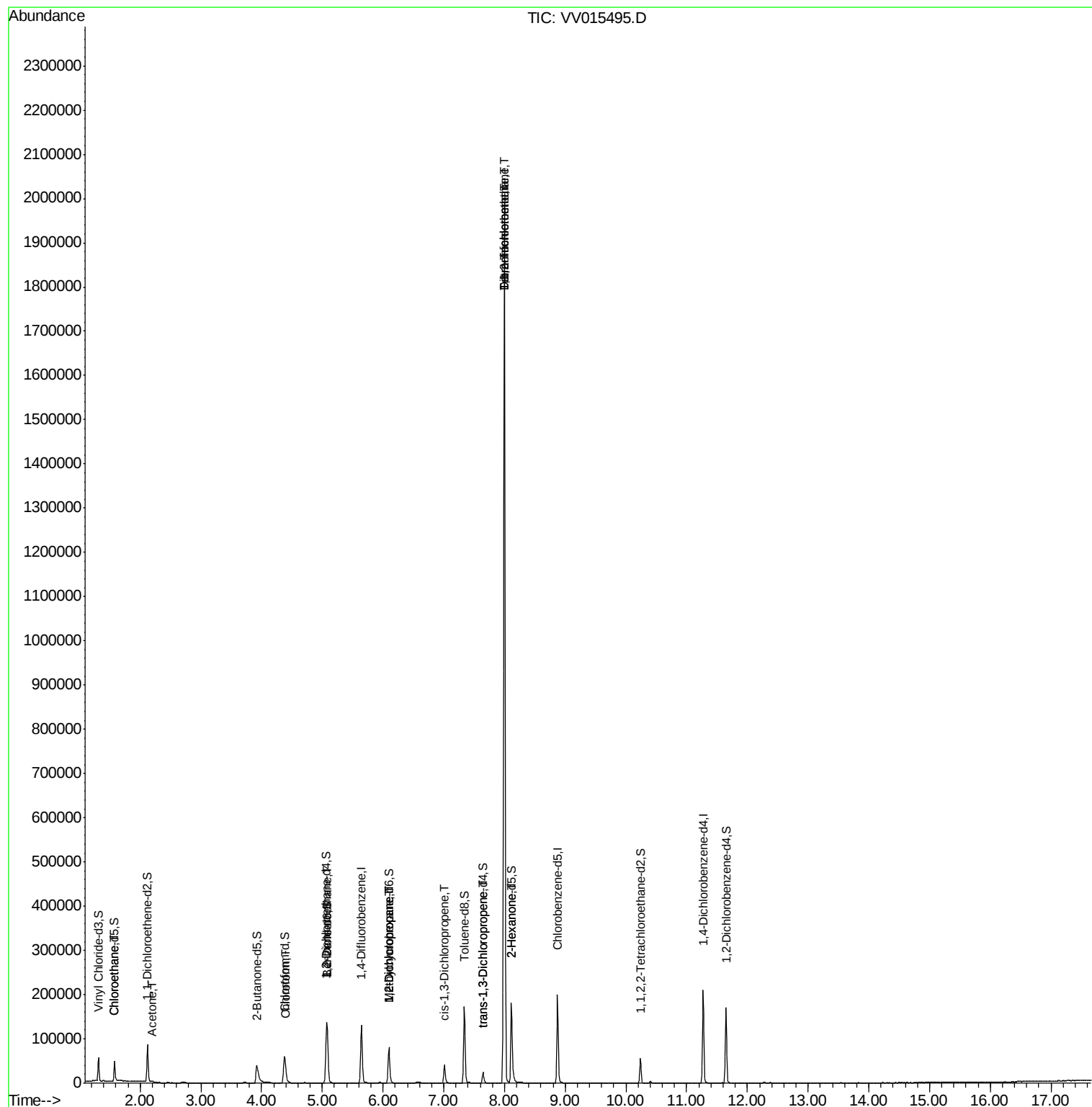
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.58	64	4349	0.778	ug/L #	55
13) Acetone	2.19	43	6332	5.791	ug/L #	63
25) Chloroform	4.40	83	6534	0.451	ug/L	96
27) 1,2-Dichloroethane	5.07	62	734	0.078	ug/L #	77
35) Methylcyclohexane	6.10	83	8780	0.637	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4474	0.593	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1086	0.094	ug/L	87
44) trans-1,3-Dichloropropene	7.64	75	616	0.063	ug/L	94
45) 1,1,2-Trichloroethane	8.00	97	3915	0.773	ug/L #	5
47) Tetrachloroethene	8.00	164	409240	67.517	ug/L	99
48) 2-Hexanone	8.11	43	9806	2.835	ug/L #	80
49) Dibromochloromethane	8.00	129	395321	65.124	ug/L #	10

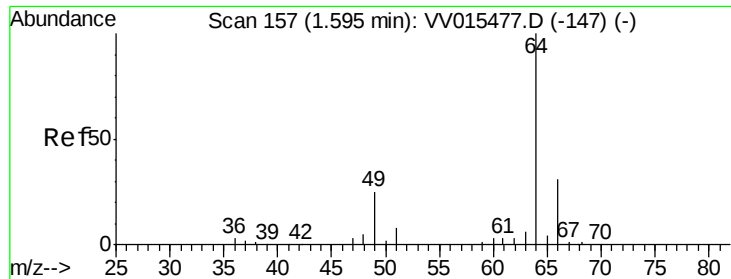
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\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





#8

Chloroethane

Concen: 0.778 ug/L

RT: 1.58 min Scan# 153

Delta R.T. -0.01 min

Lab File: VV015495.D

Acq: 15 Apr 2020 04:54

Instrument :

MSVOA_V

ClientSampleId :

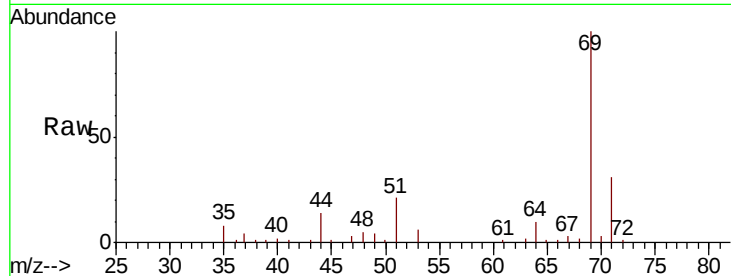
YAOB3

Tot Ion: 64 Resp: 4349

Ion Ratio Lower Upper

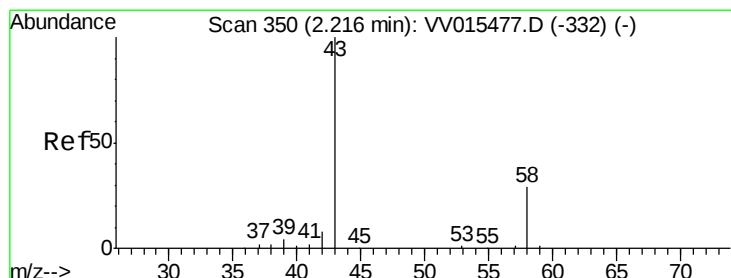
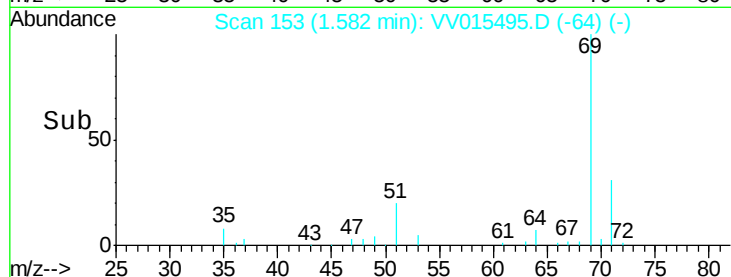
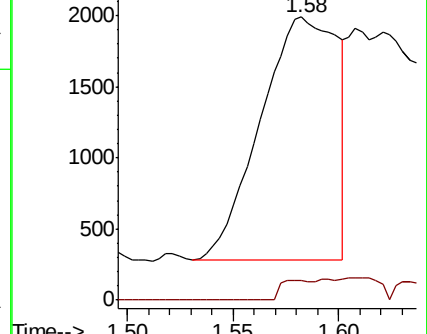
64 100

66 6.8 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 5.791 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV015495.D

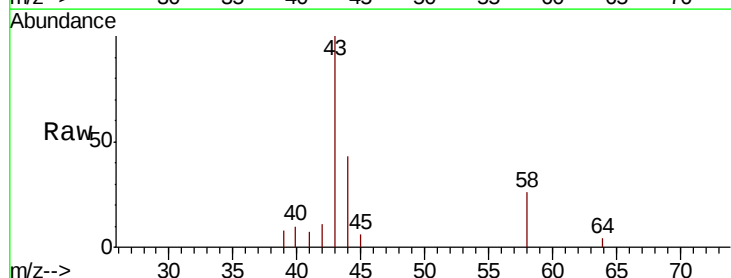
Acq: 15 Apr 2020 04:54

Tgt Ion: 43 Resp: 6332

Ion Ratio Lower Upper

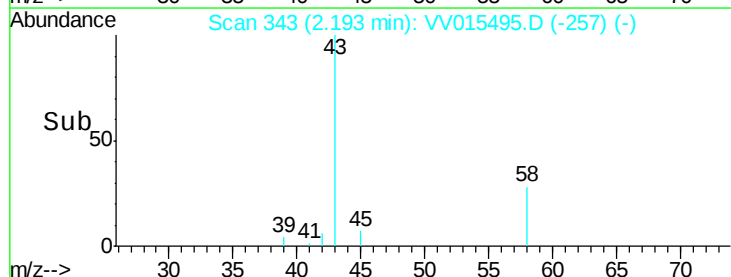
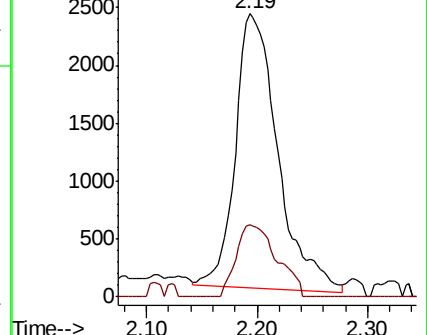
43 100

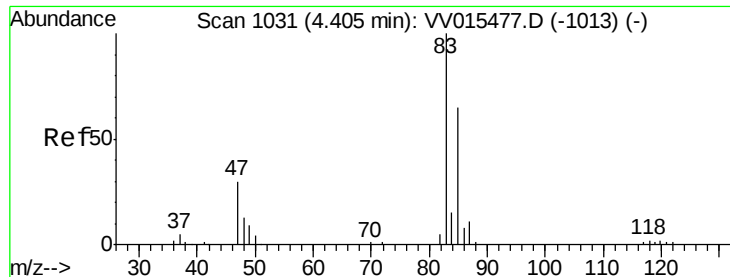
58 25.2 0.0 22.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

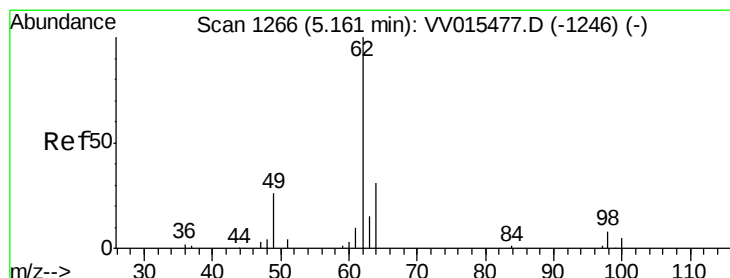
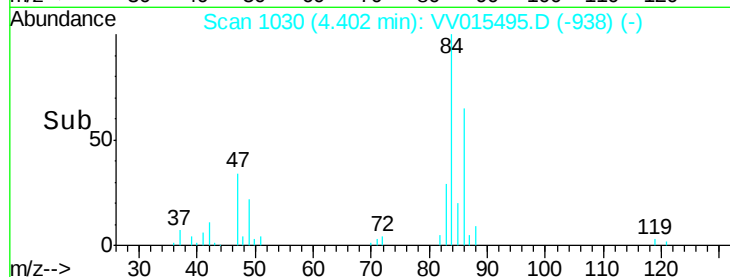
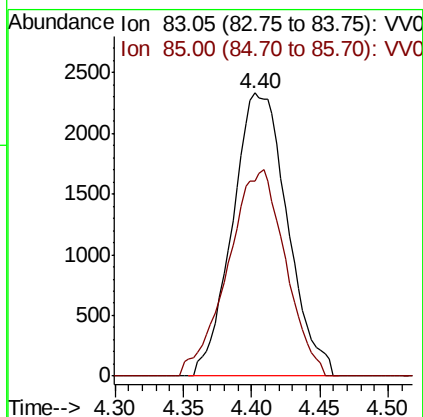
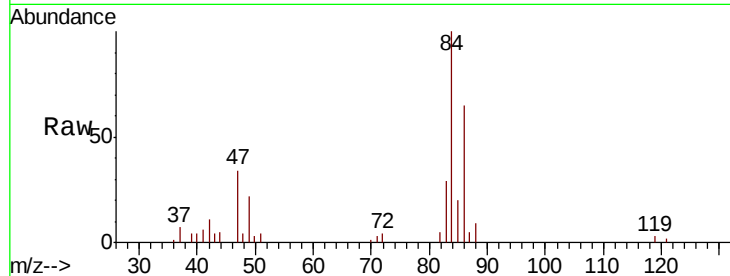




#25
Chloroform
Concen: 0.451 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015495.D
Acq: 15 Apr 2020 04:54

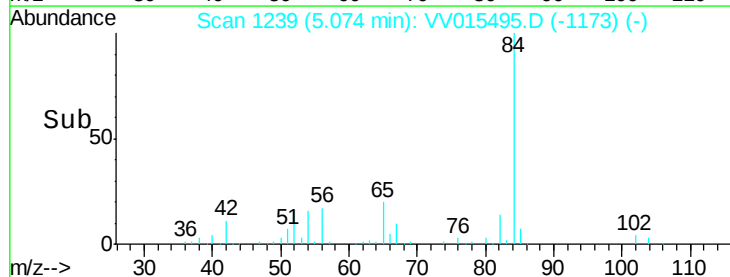
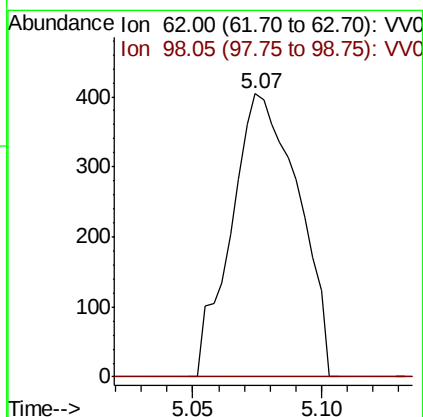
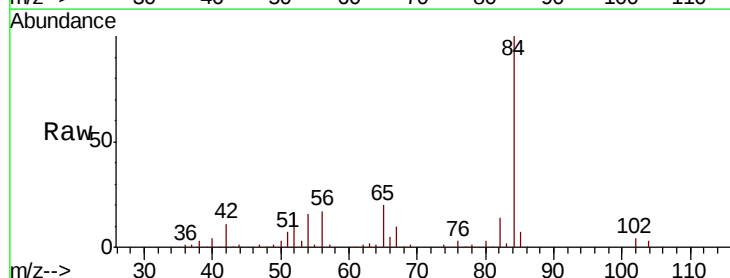
Instrument :
MSVOA_V
ClientSampleId :
YaqB3

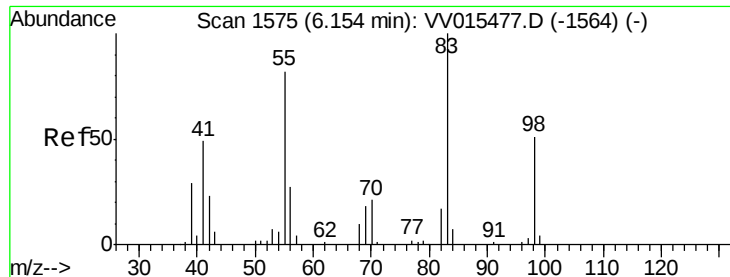
Tot Ion: 83 Resp: 6534
Ion Ratio Lower Upper
83 100
85 68.9 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.078 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.09 min
Lab File: VV015495.D
Acq: 15 Apr 2020 04:54

Tgt Ion: 62 Resp: 734
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

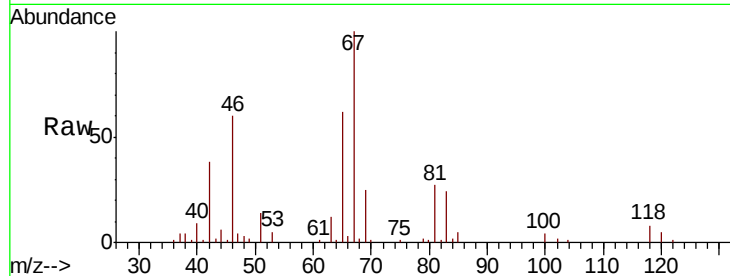




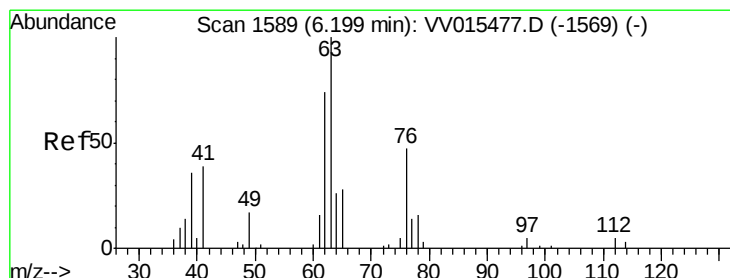
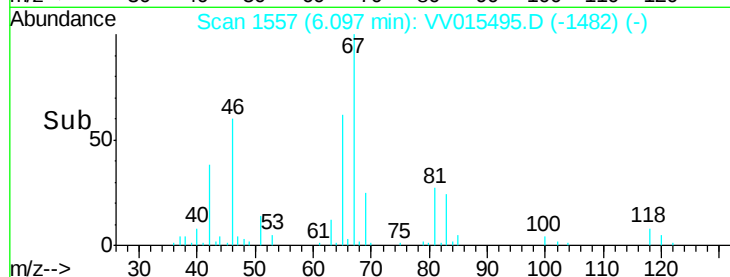
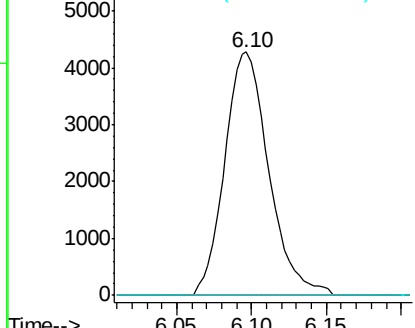
#35
Methvlcvclohexane
Concen: 0.637 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015495.D
Acq: 15 Apr 2020 04:54

Instrument :
MSVOA_V
ClientSampleId :
YaqB3

Tot Ion: 83 Resp: 8780
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.0 38.7 58.1#

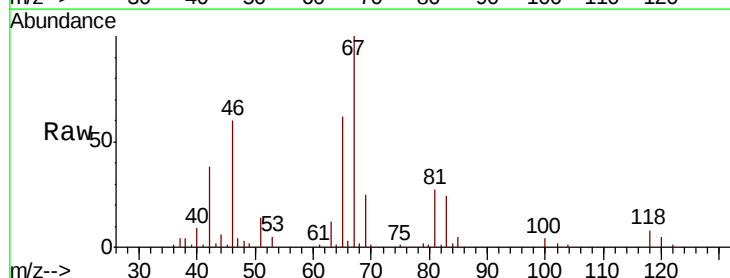


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

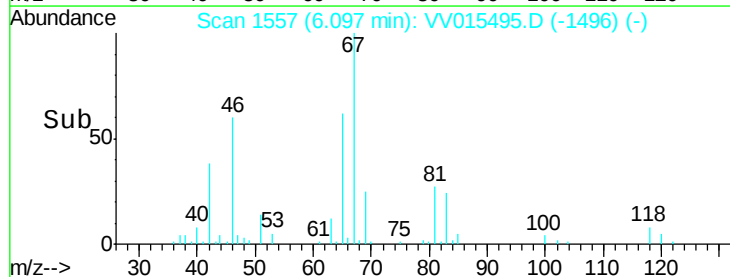
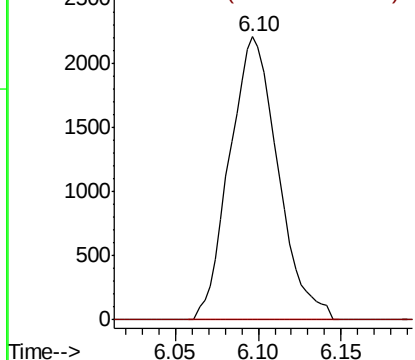


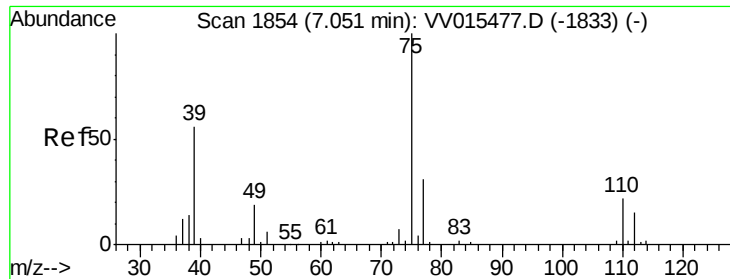
#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015495.D
Acq: 15 Apr 2020 04:54

Tgt Ion: 63 Resp: 4474
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



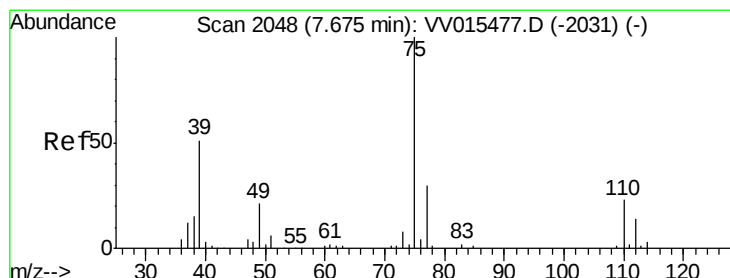
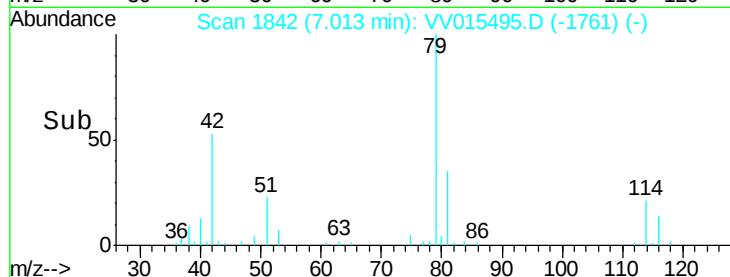
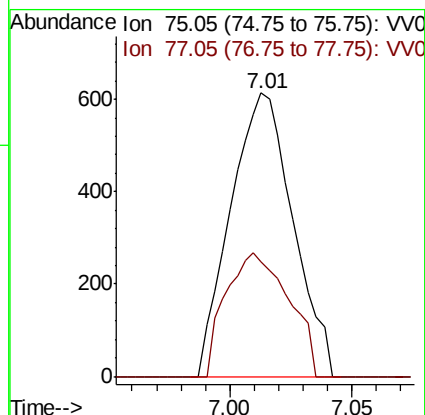
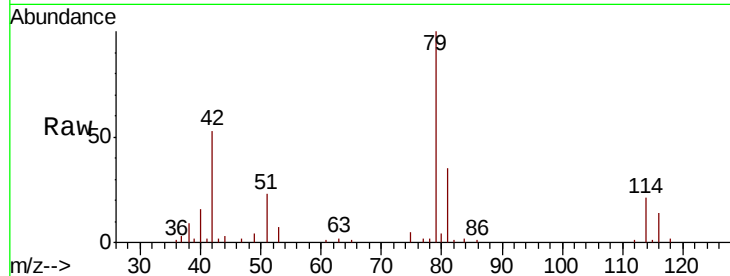


#39

cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015495.D
 Acq: 15 Apr 2020 04:54

Instrument :
 MSVOA_V
 ClientSampleId :
 YAOB3

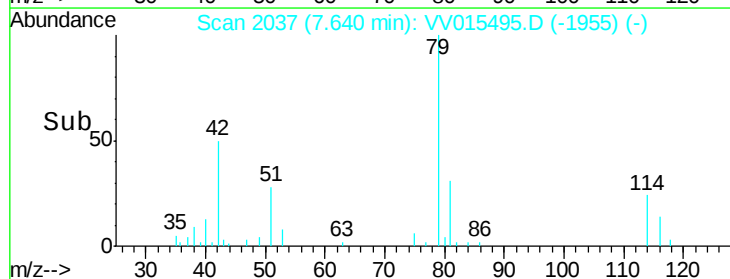
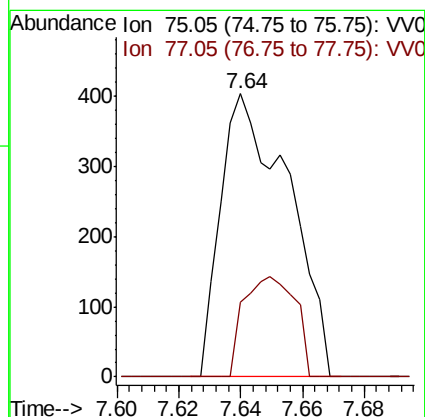
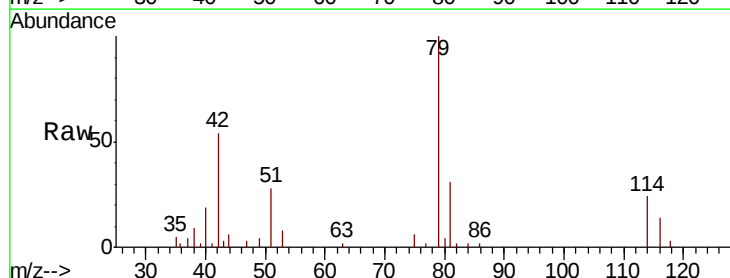
Tot Ion: 75 Resp: 1086
 Ion Ratio Lower Upper
 75 100
 77 40.3 23.0 42.6

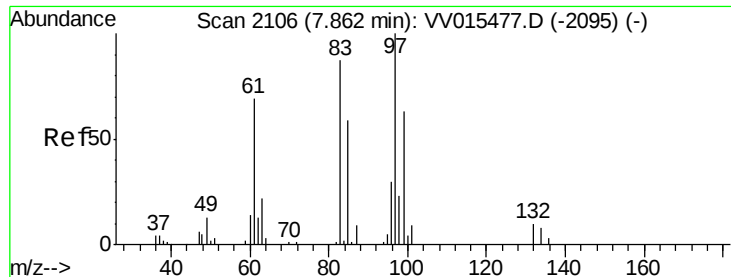


#44

trans-1,3-Dichloropropene
 Concen: 0.063 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.04 min
 Lab File: VV015495.D
 Acq: 15 Apr 2020 04:54

Tgt Ion: 75 Resp: 616
 Ion Ratio Lower Upper
 75 100
 77 26.6 21.0 39.0





#45

1,1,2-Trichloroethane

Concen: 0.773 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.14 min

Lab File: VV015495.D

Acq: 15 Apr 2020 04:54

Instrument :

MSVOA_V

ClientSampleId :

YAOB3

Tot Ion: 97 Resp: 3915

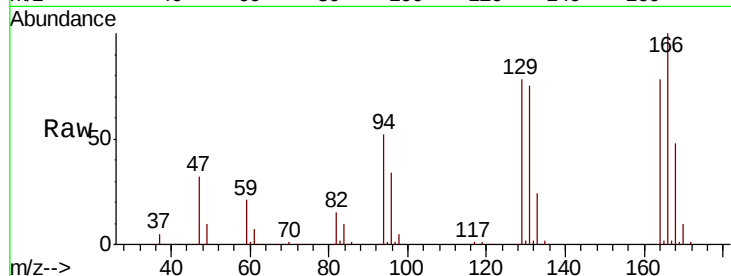
Ion Ratio Lower Upper

97 100

99 17.5 41.3 76.7#

83 241.0 60.5 112.3#

85 38.2 36.8 68.4



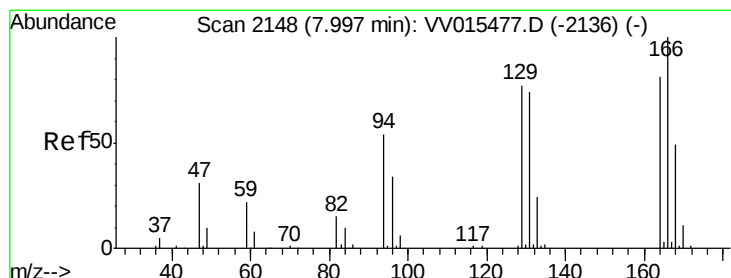
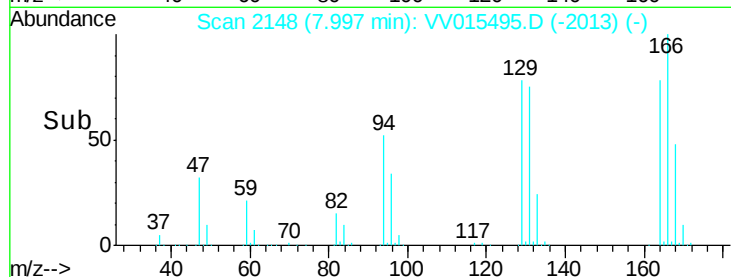
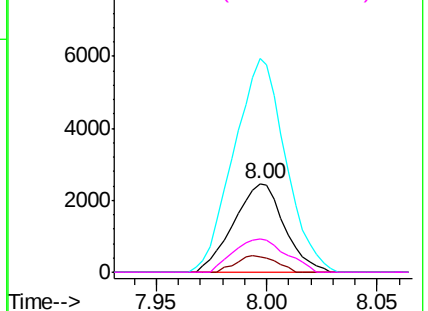
Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 67.517 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015495.D

Acq: 15 Apr 2020 04:54

Tgt Ion: 164 Resp: 409240

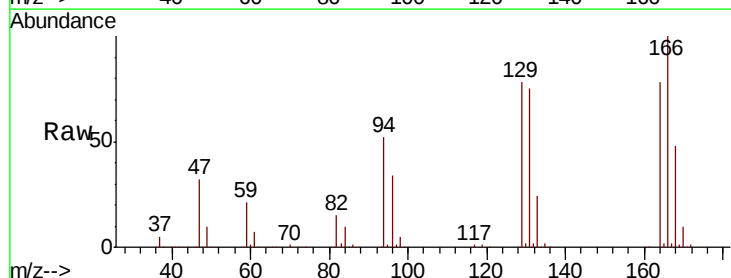
Ion Ratio Lower Upper

164 100

129 99.9 70.6 131.0

131 96.1 68.3 126.8

166 128.1 88.3 163.9



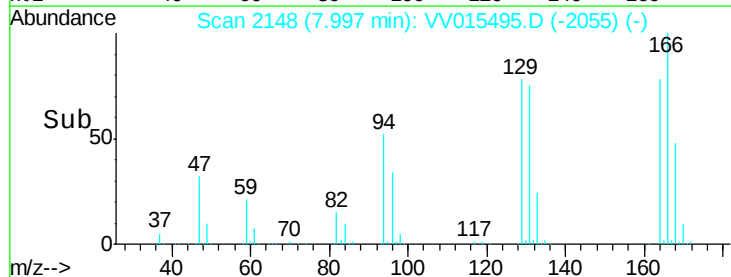
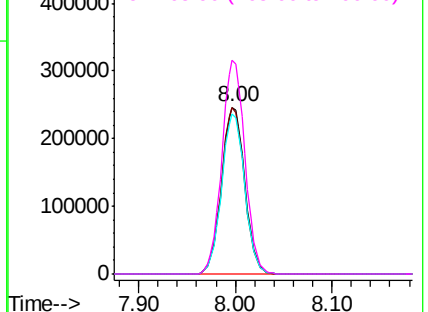
Abundance

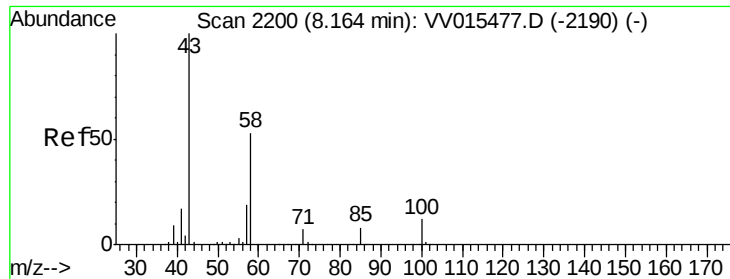
Ion 163.90 (163.60 to 164.60): V

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

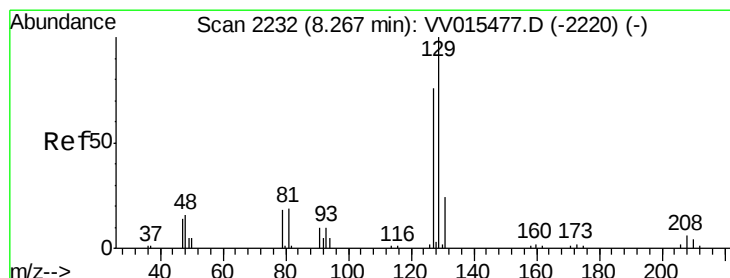
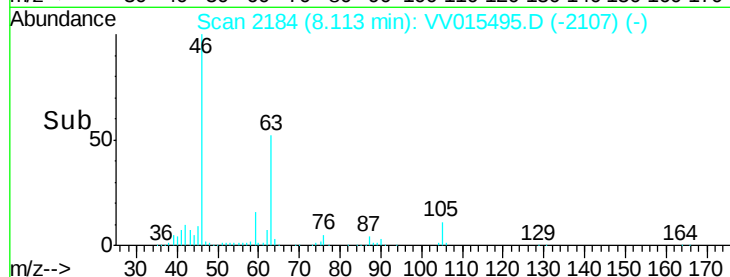
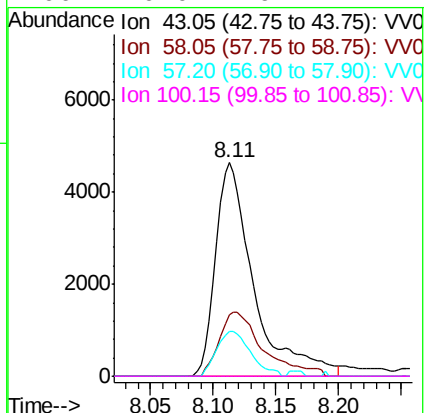
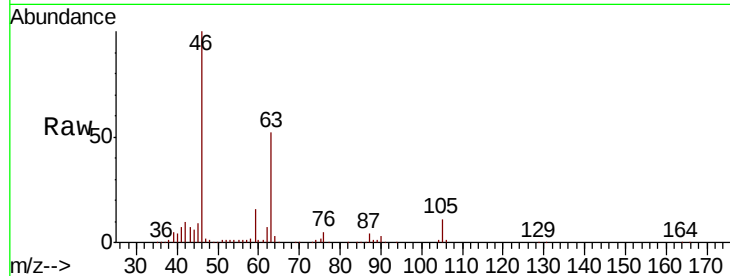




#48
2-Hexanone
Concen: 2.835 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015495.D
Acq: 15 Apr 2020 04:54

Instrument :
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ClientSampleId :
YaqB3

Tot Ion: 43 Resp: 9806
Ion Ratio Lower Upper
43 100
58 34.5 41.4 62.0#
57 18.8 15.0 22.4
100 0.0 9.4 14.2#



#49
Dibromochloromethane
Concen: 65.124 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015495.D
Acq: 15 Apr 2020 04:54

Tgt Ion: 129 Resp: 395321
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#

