

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015481.D
 Acq On : 14 Apr 2020 23:27
 Operator : SY/MD
 Sample : L2274-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ99

Quant Time: Apr 15 05:33:54 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	109505	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	105125	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	51102	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32489	5.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.40%
7) Chloroethane-d5	1.58	69	28183	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.12	63	45685	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.93	46	78092	48.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.90%
24) Chloroform-d	4.38	84	57499	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.06	65	33672	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.08	84	121842	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.10	67	36899	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.34	98	112123	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.65	79	14697	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.11	63	63795	41.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25878	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	40587	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

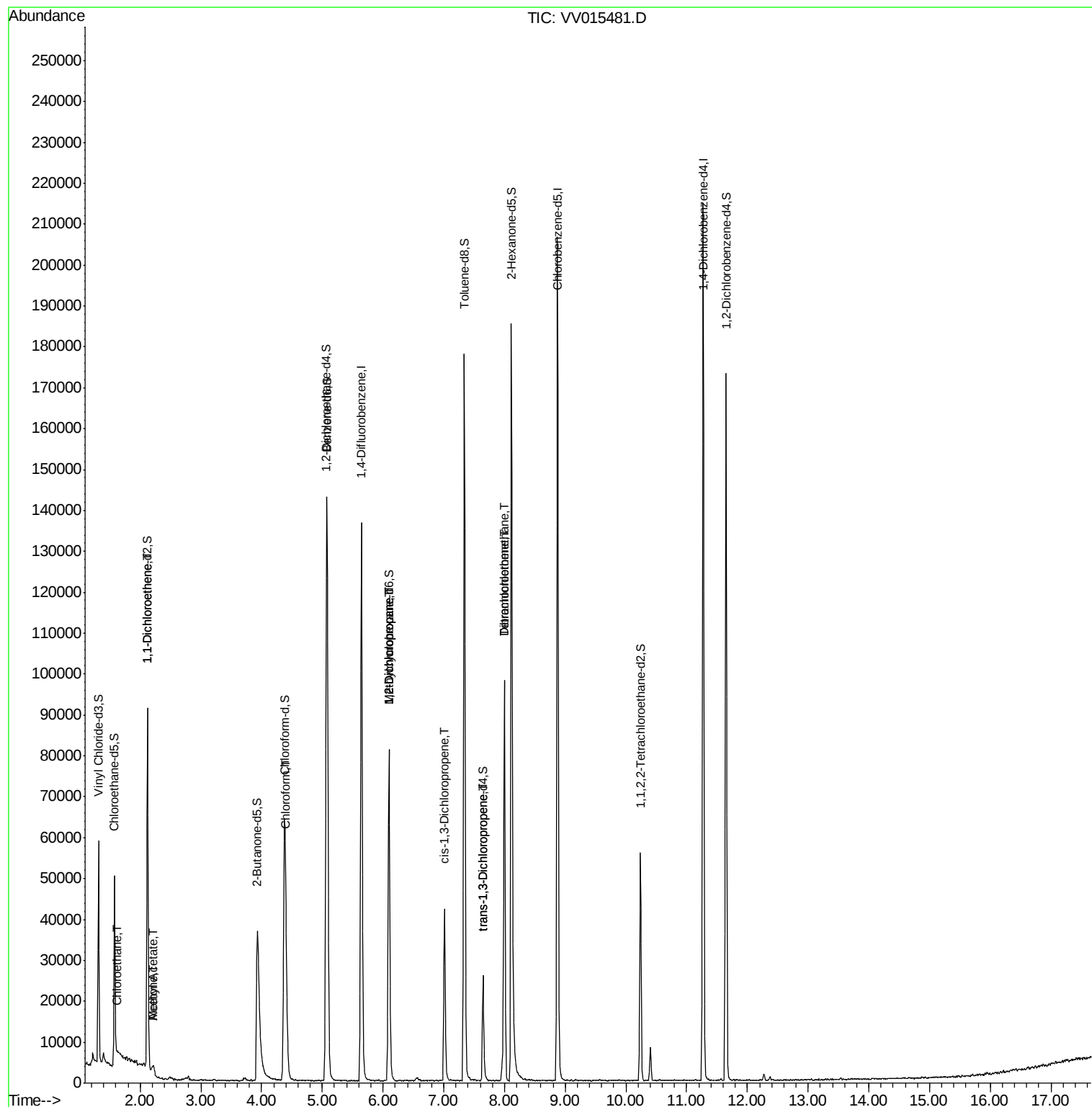
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.63	64	10650	1.848	ug/L #	51
12) 1,1-Dichloroethene	2.13	96	549	0.080	ug/L #	1
13) Acetone	2.22	43	6458	5.730	ug/L	94
15) Methyl Acetate	2.22	43	6027	1.807	ug/L #	57
25) Chloroform	4.41	83	18840	1.261	ug/L	94
35) Methylcyclohexane	6.10	83	9125	0.640	ug/L #	15
37) 1,2-Dichloropropane	6.09	63	4629	0.593	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1175	0.098	ug/L #	81
44) trans-1,3-Dichloropropene	7.65	75	617	0.061	ug/L #	70
47) Tetrachloroethene	8.00	164	20723	3.303	ug/L	97
49) Dibromochloromethane	8.00	129	20182	3.212	ug/L #	10

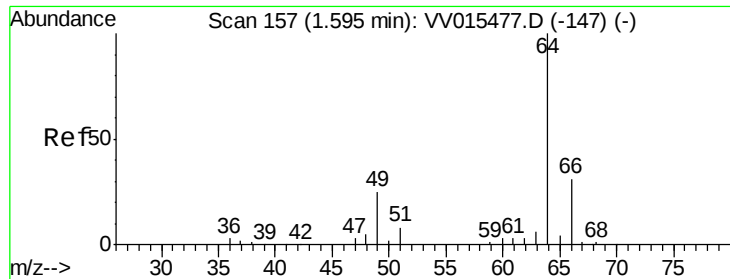
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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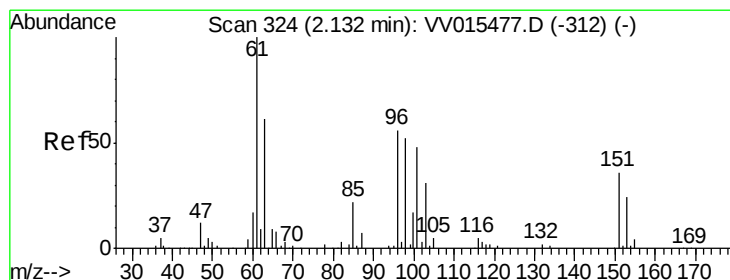
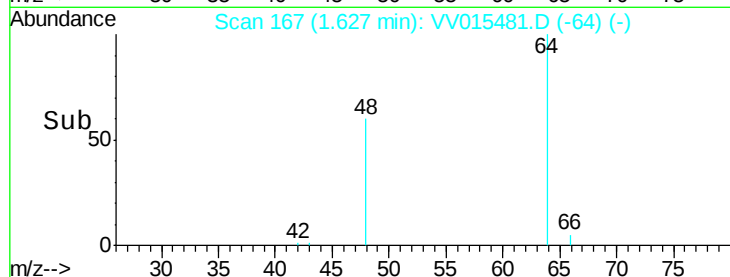
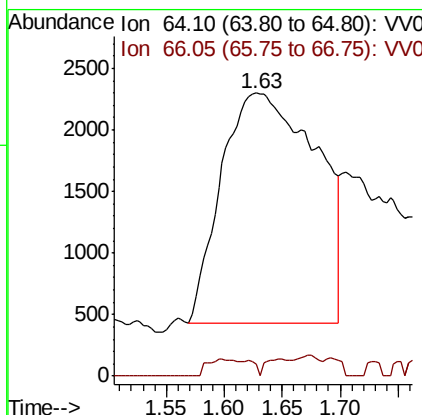
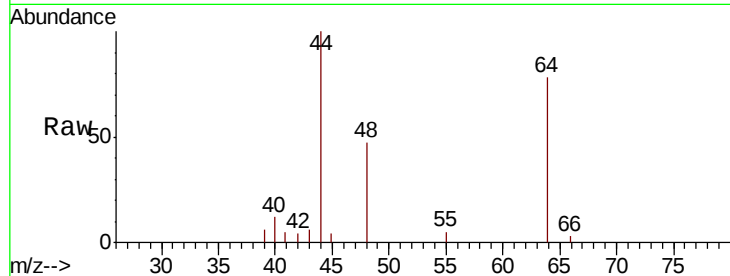




#8
 Chloroethane
 Concen: 1.848 ug/L
 RT: 1.63 min Scan# 167
 Delta R.T. 0.03 min
 Lab File: VV015481.D
 Acq: 14 Apr 2020 23:27

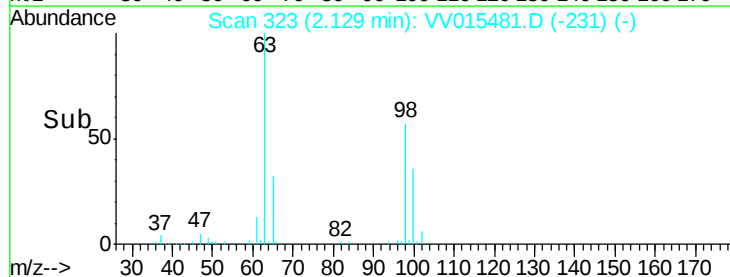
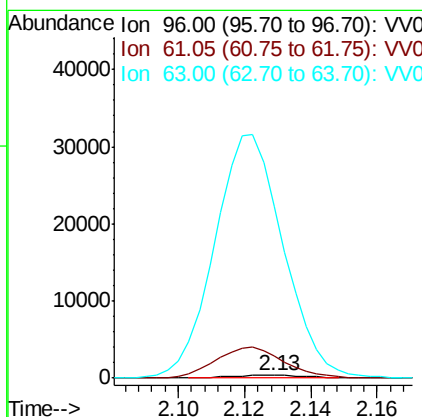
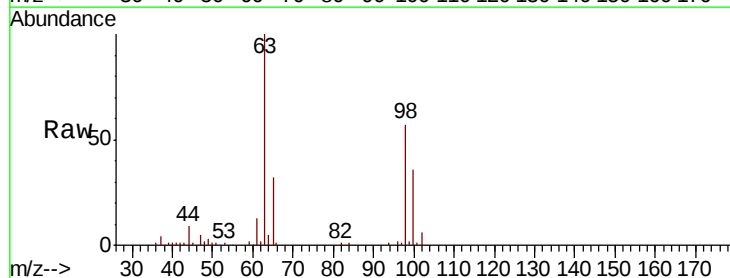
Instrument :
 MSVOA_V
 ClientSampled :
 YAQ99

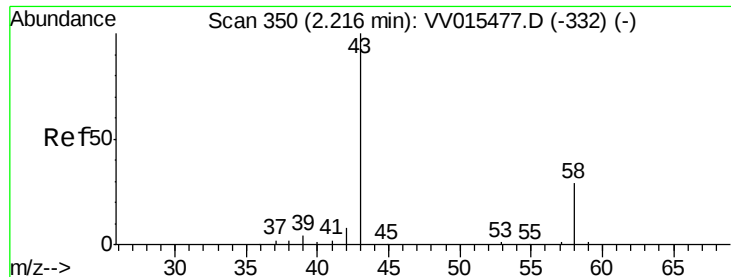
Tot Ion: 64 Resp: 10650
 Ion Ratio Lower Upper
 64 100
 66 4.4 22.3 41.5#



#12
 1,1-Dichloroethene
 Concen: 0.080 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV015481.D
 Acq: 14 Apr 2020 23:27

Tgt Ion: 96 Resp: 549
 Ion Ratio Lower Upper
 96 100
 61 832.8 127.7 237.1#
 63 6451.0 75.1 139.5#





#13

Acetone

Concen: 5.730 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV015481.D

Acq: 14 Apr 2020 23:27

Instrument :

MSVOA_V

ClientSampleId :

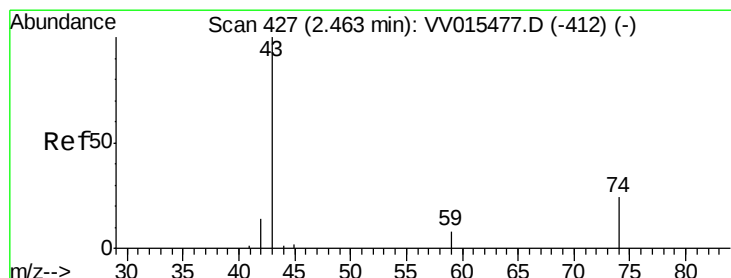
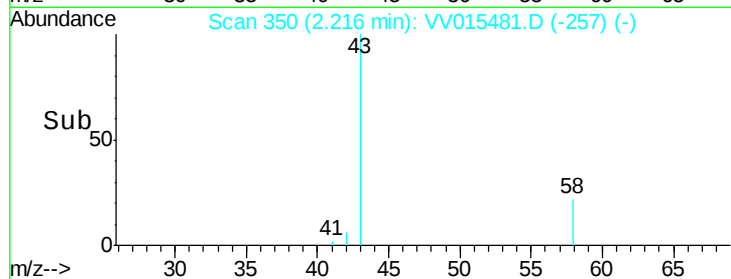
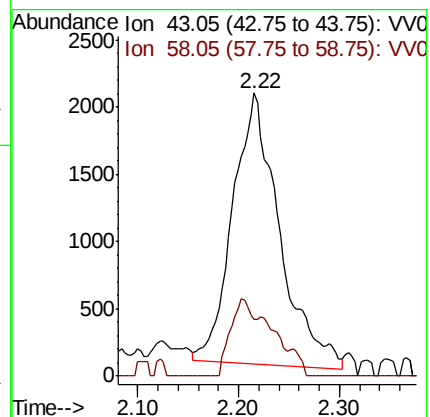
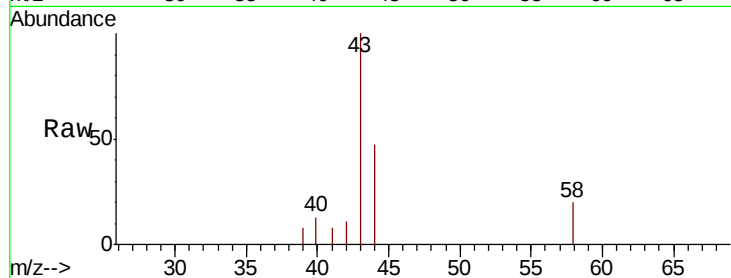
YAQ99

Tot Ion: 43 Resp: 6458

Ion Ratio Lower Upper

43 100

58 13.6 0.0 22.2



#15

Methyl Acetate

Concen: 1.807 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.25 min

Lab File: VV015481.D

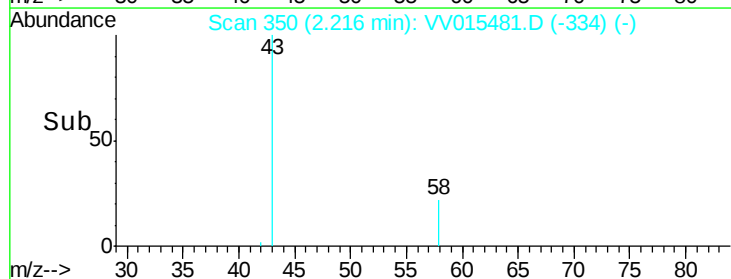
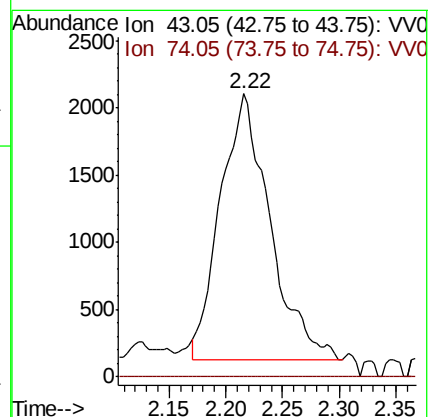
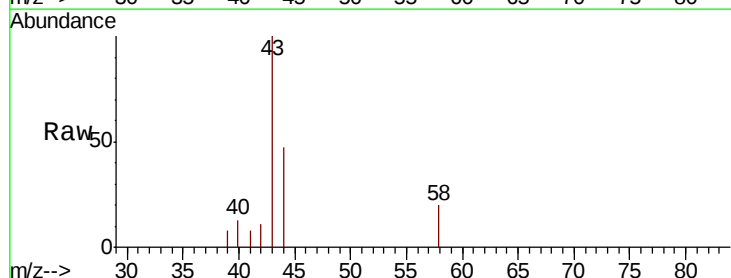
Acq: 14 Apr 2020 23:27

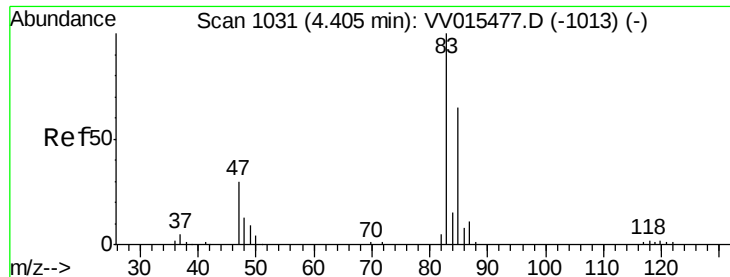
Tgt Ion: 43 Resp: 6027

Ion Ratio Lower Upper

43 100

74 0.0 15.4 23.2#

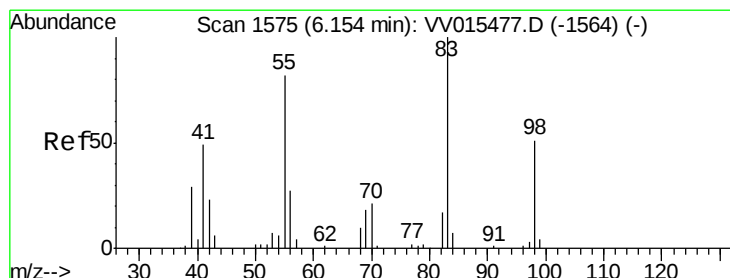
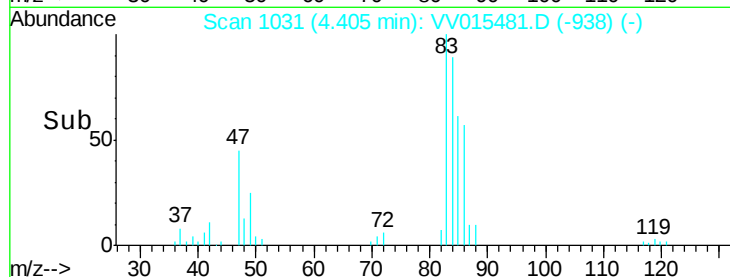
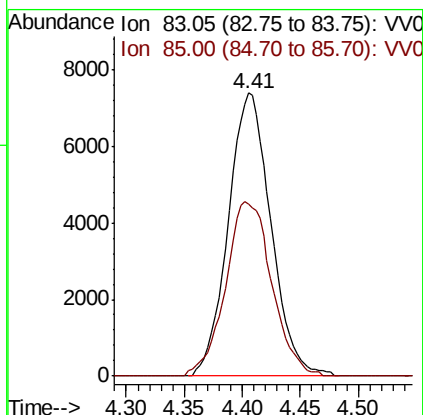
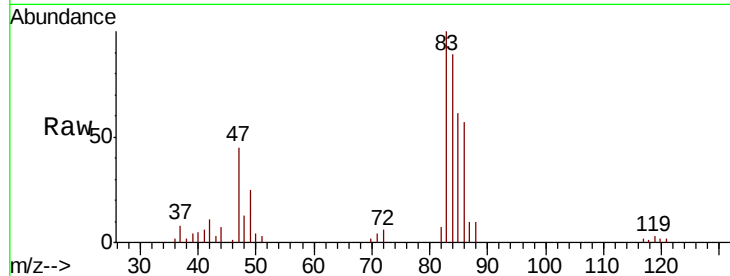




#25
Chloroform
Concen: 1.261 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015481.D
Acq: 14 Apr 2020 23:27

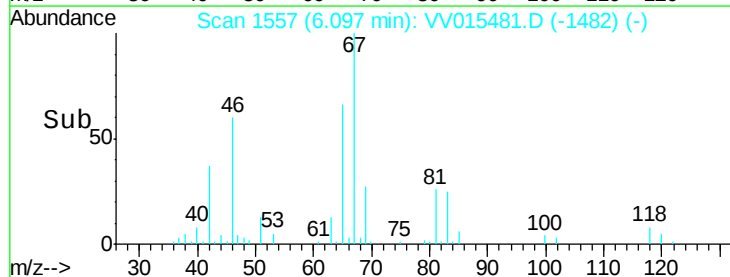
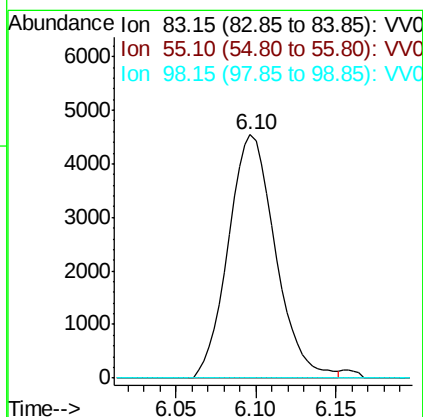
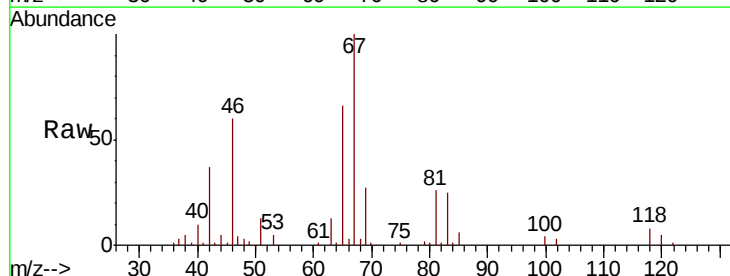
Instrument :
MSVOA_V
ClientSampleId :
YQA99

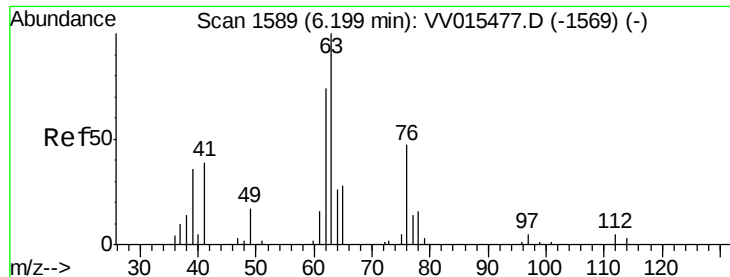
Tot Ion: 83 Resp: 18840
Ion Ratio Lower Upper
83 100
85 60.6 45.9 85.3



#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015481.D
Acq: 14 Apr 2020 23:27

Tgt Ion: 83 Resp: 9125
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: VV015481.D

Acq: 14 Apr 2020 23:27

Instrument :

MSVOA_V

ClientSampleId :

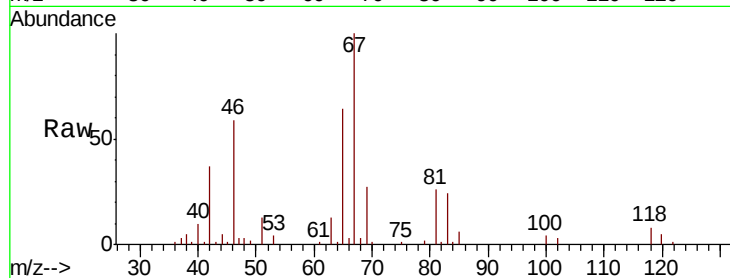
YAQ99

Tot Ion: 63 Resp: 4629

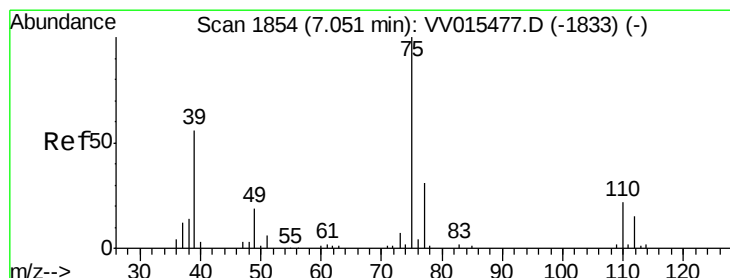
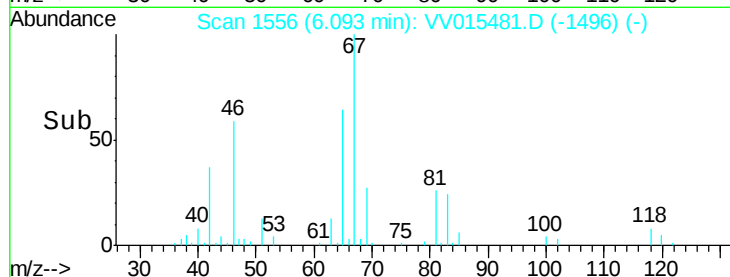
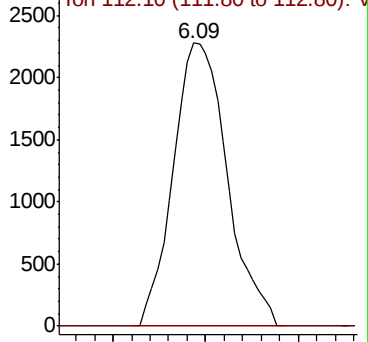
Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015477.D (-1569) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV015481.D

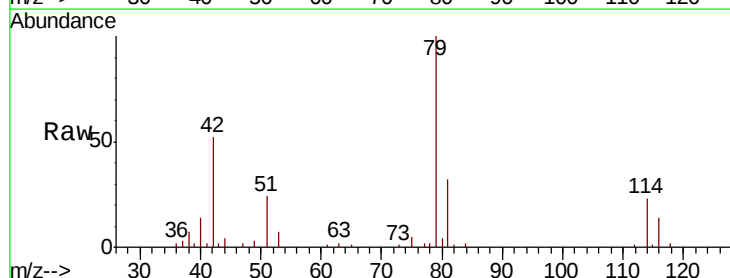
Acq: 14 Apr 2020 23:27

Tgt Ion: 75 Resp: 1175

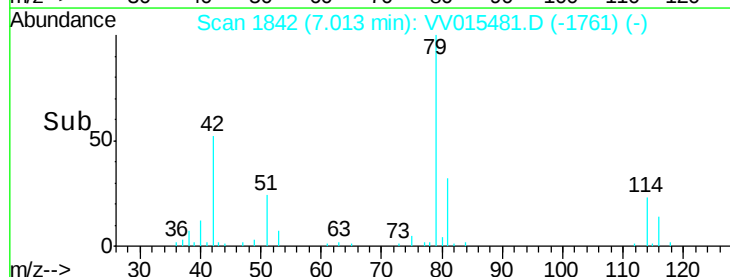
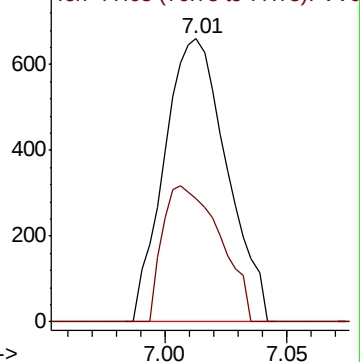
Ion Ratio Lower Upper

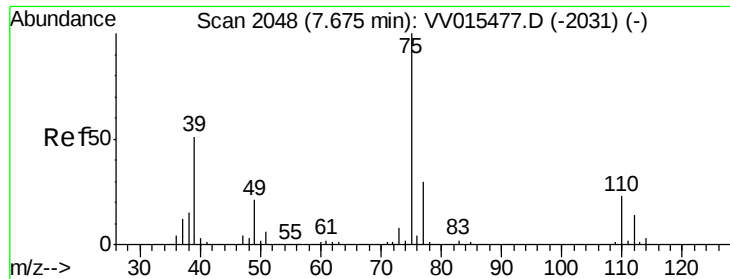
75 100

77 43.5 23.0 42.6#



Abundance Ion 75.05 (74.75 to 75.75): VV015477.D (-1833) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015481.D

Acq: 14 Apr 2020 23:27

Instrument :

MSVOA_V

ClientSampleId :

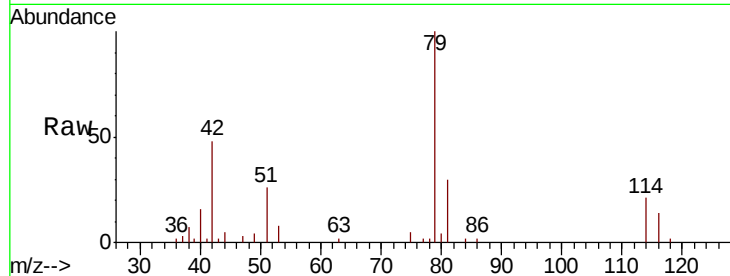
YAQ99

Tot Ion: 75 Resp: 617

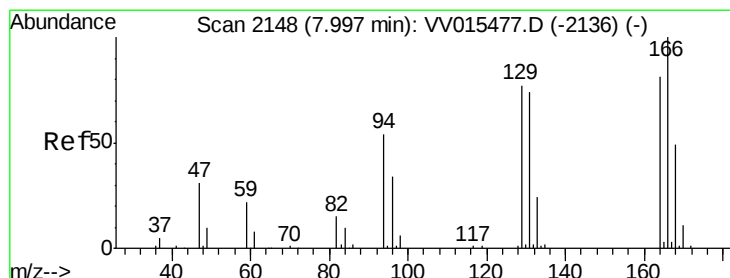
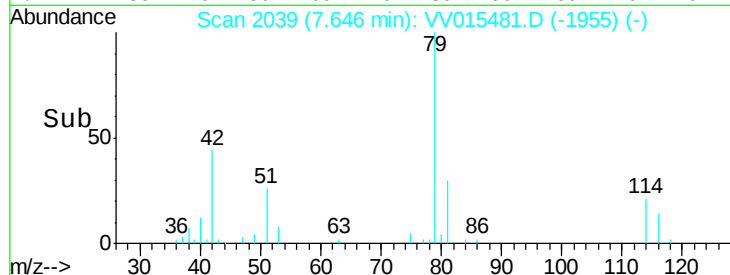
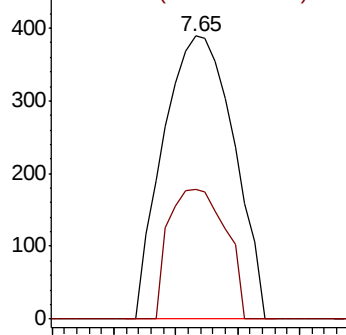
Ion Ratio Lower Upper

75 100

77 46.0 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VV015481.D (-1955) (-)



#47

Tetrachloroethene

Concen: 3.303 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015481.D

Acq: 14 Apr 2020 23:27

Tgt Ion:164 Resp: 20723

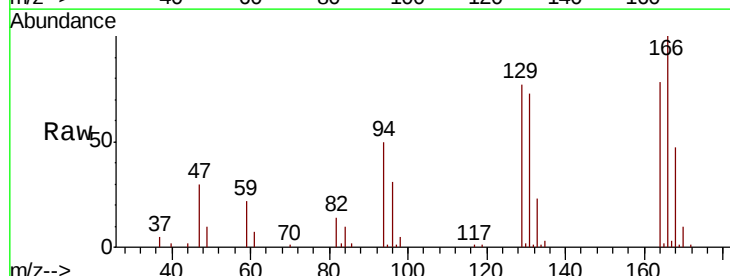
Ion Ratio Lower Upper

164 100

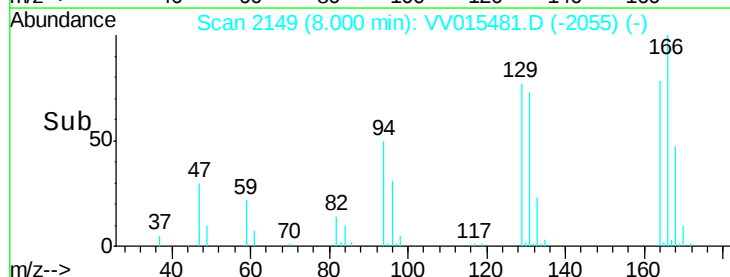
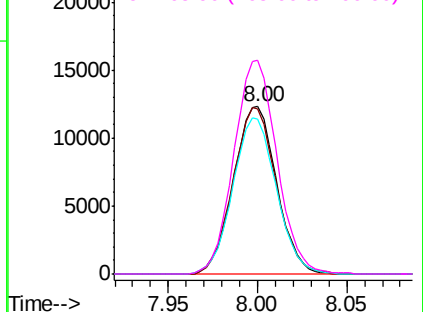
129 98.3 70.6 131.0

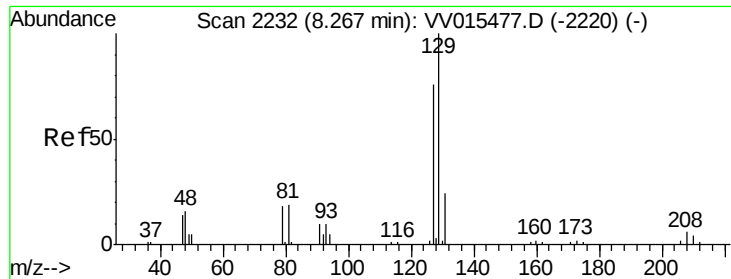
131 92.5 68.3 126.8

166 127.6 88.3 163.9



Abundance Ion 163.90 (163.60 to 164.60): VV015481.D (-2055) (-)





#49

Dibromochloromethane

Concen: 3.212 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015481.D

Acq: 14 Apr 2020 23:27

Instrument :

MSVOA_V

ClientSampleId :

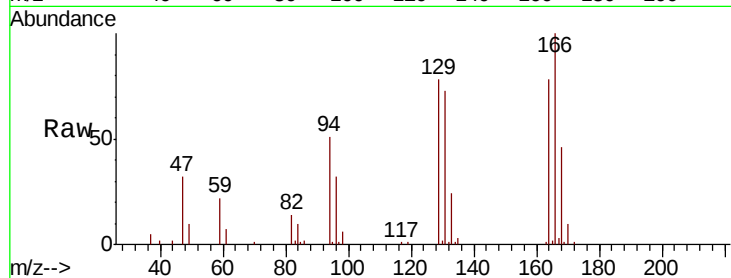
YAQ99

Tot Ion:129 Resp: 20182

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

