

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015483.D
 Acq On : 15 Apr 2020 00:13
 Operator : SY/MD
 Sample : L2274-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAAQ1

Quant Time: Apr 15 05:34:24 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	108692	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	103164	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50672	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31253	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.58	69	28025	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.12	63	44046	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.93	46	78159	49.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.72%
24) Chloroform-d	4.38	84	59219	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.06	65	33340	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.08	84	118884	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.10	67	36211	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.34	98	110882	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.65	79	13882	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.11	63	64565	43.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25474	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	40493	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

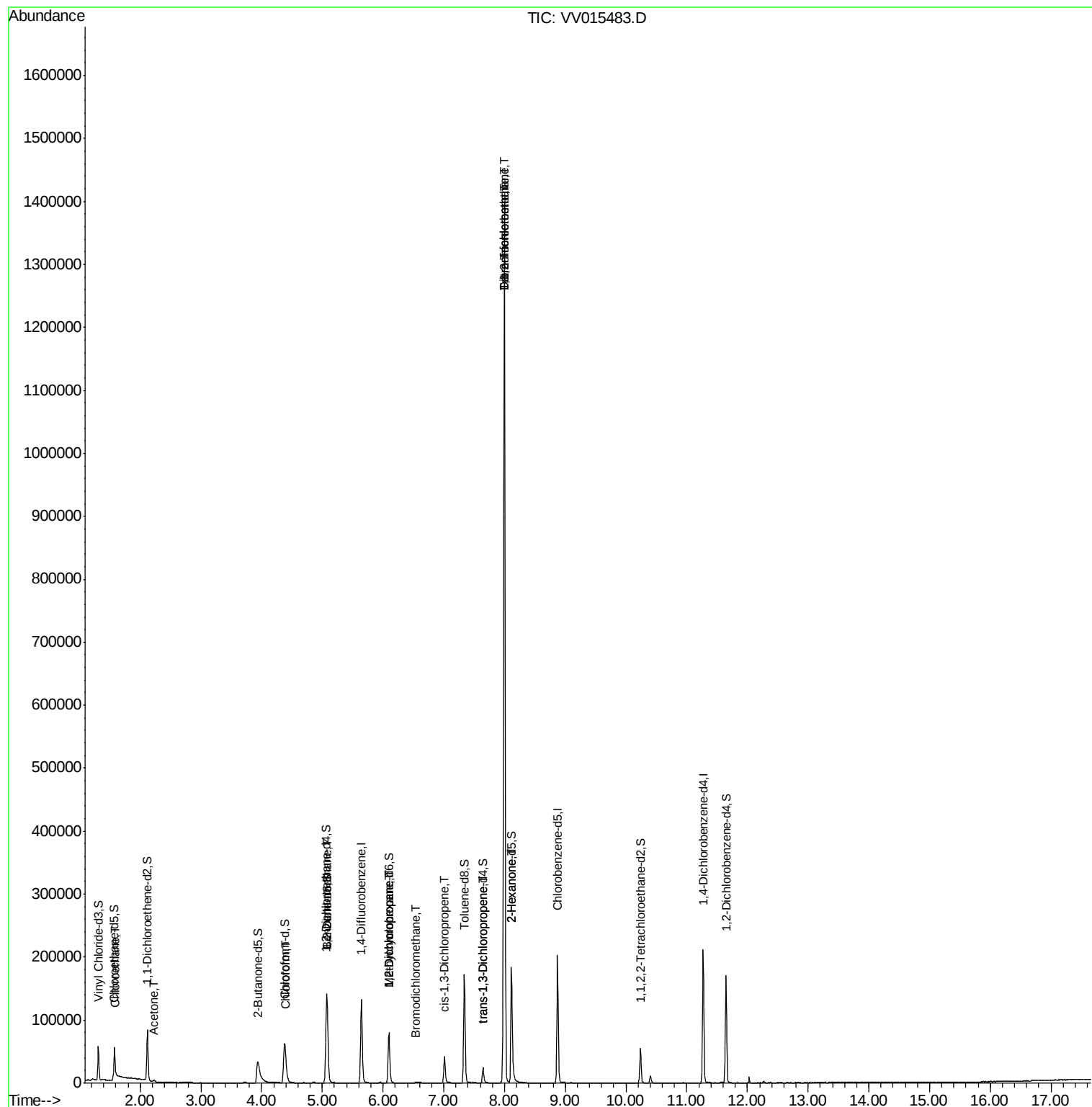
					Ovalue
8) Chloroethane	1.59	64	33963	5.936	ug/L # 52
13) Acetone	2.22	43	6213	5.553	ug/L # 59
25) Chloroform	4.41	83	12249	0.826	ug/L # 98
27) 1,2-Dichloroethane	5.08	62	661	0.069	ug/L # 77
35) Methylcyclohexane	6.10	83	9133	0.652	ug/L # 16
37) 1,2-Dichloropropane	6.10	63	4252	0.555	ug/L # 86
38) Bromodichloromethane	6.53	83	614	0.060	ug/L # 90
39) cis-1,3-Dichloropropene	7.01	75	1076	0.092	ug/L # 74
44) trans-1,3-Dichloropropene	7.65	75	547	0.055	ug/L # 80
45) 1,1,2-Trichloroethane	8.00	97	2752	0.535	ug/L # 15
47) Tetrachloroethene	8.00	164	286142	46.472	ug/L # 98
48) 2-Hexanone	8.11	43	9027	2.569	ug/L # 77
49) Dibromochloromethane	8.00	129	276746	44.879	ug/L # 10

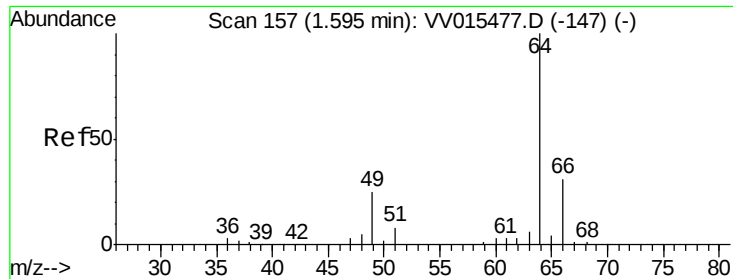
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 15 05:34:24 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 05:31:01 2020
Response via : Initial Calibration

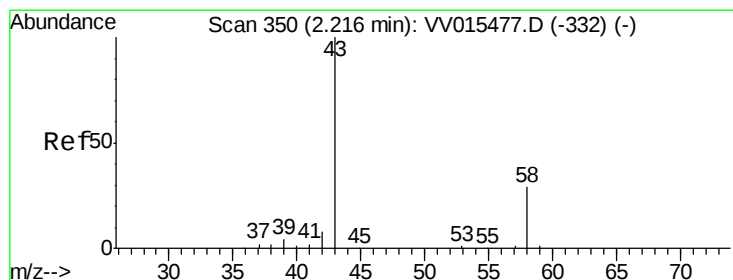
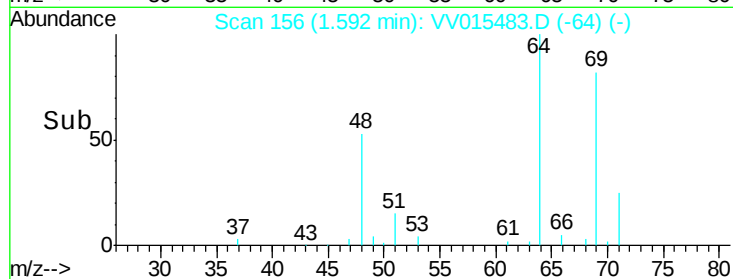
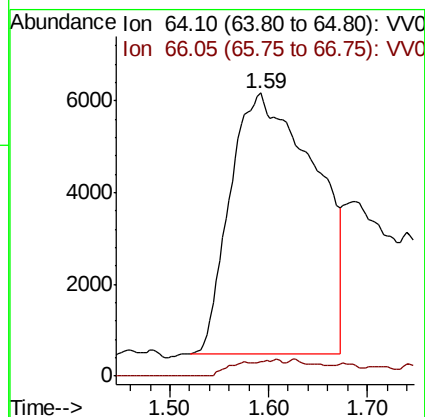
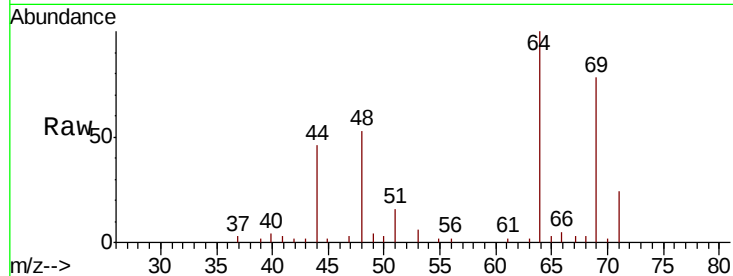




#8
 Chloroethane
 Concen: 5.936 ug/L
 RT: 1.59 min Scan# 156
 Delta R.T. -0.00 min
 Lab File: VV015483.D
 Acq: 15 Apr 2020 00:13

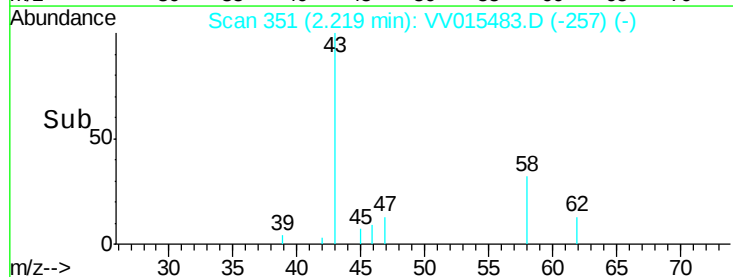
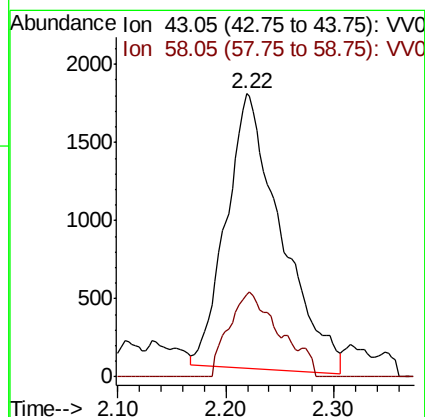
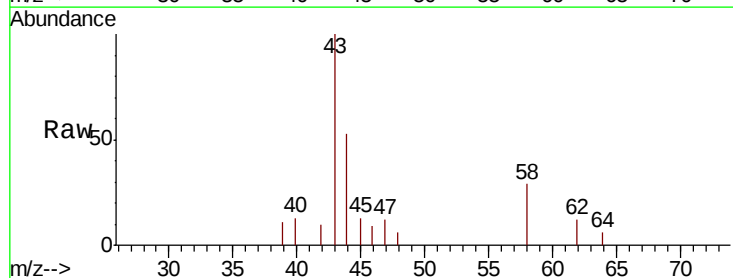
Instrument :
 MSVOA_V
 ClientSampleId :
 YQAQ1

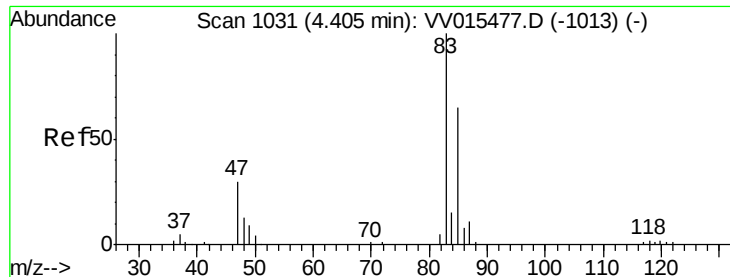
Tot Ion: 64 Resp: 33963
 Ion Ratio Lower Upper
 64 100
 66 5.1 22.3 41.5#



#13
 Acetone
 Concen: 5.553 ug/L
 RT: 2.22 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VV015483.D
 Acq: 15 Apr 2020 00:13

Tgt Ion: 43 Resp: 6213
 Ion Ratio Lower Upper
 43 100
 58 26.6 0.0 22.2#





#25

Chloroform

Concen: 0.826 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015483.D

Acq: 15 Apr 2020 00:13

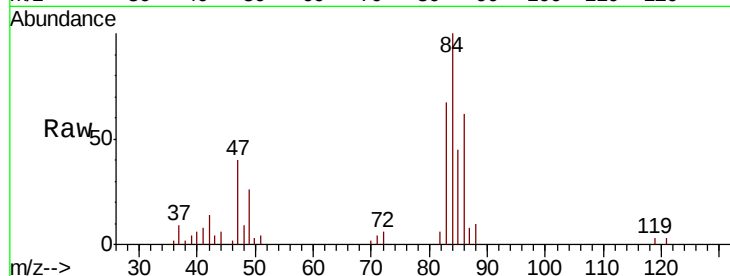
Instrument :
MSVOA_V
ClientSampleId :
YAQA1

Tot Ion: 83 Resp: 12249

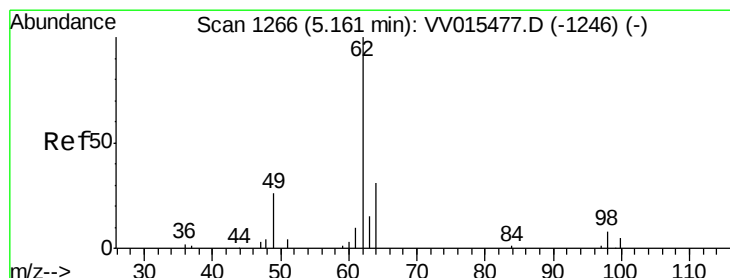
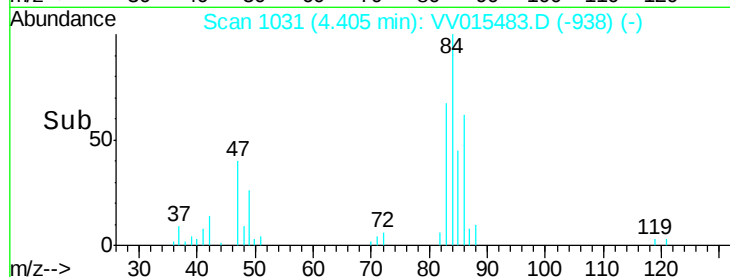
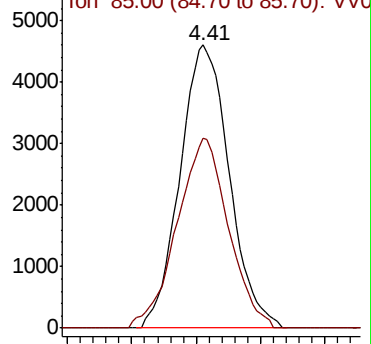
Ion Ratio Lower Upper

83 100

85 67.0 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV015477.D (-1013) (-)



#27

1,2-Dichloroethane

Concen: 0.069 ug/L

RT: 5.08 min Scan# 1241

Delta R.T. -0.08 min

Lab File: VV015483.D

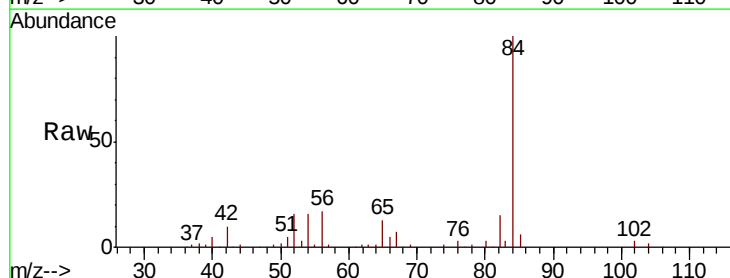
Acq: 15 Apr 2020 00:13

Tgt Ion: 62 Resp: 661

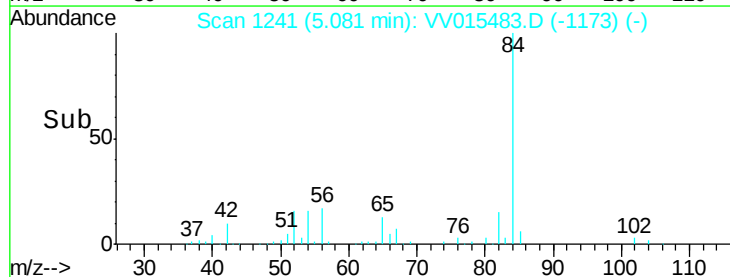
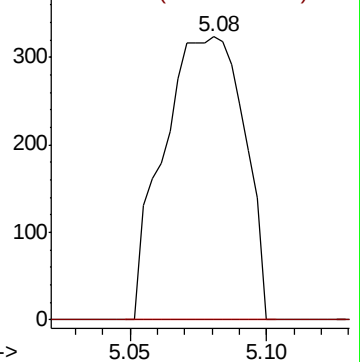
Ion Ratio Lower Upper

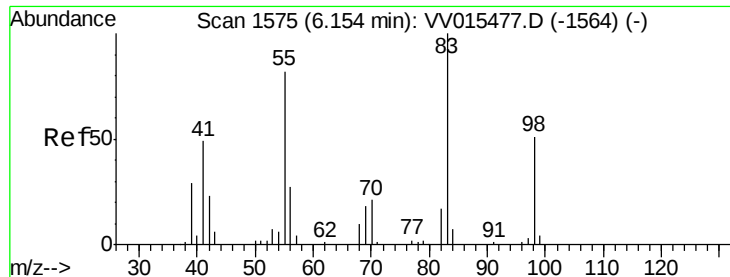
62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV015477.D (-1246) (-)

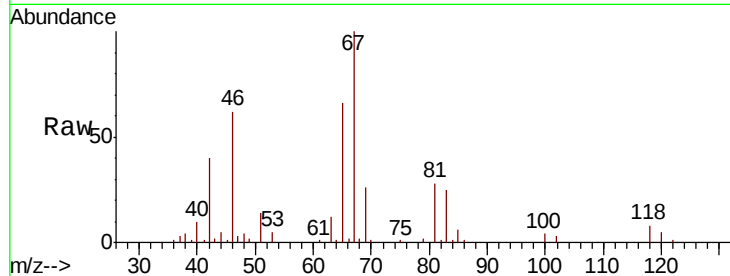




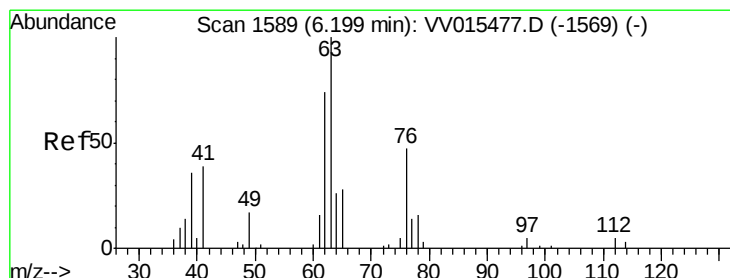
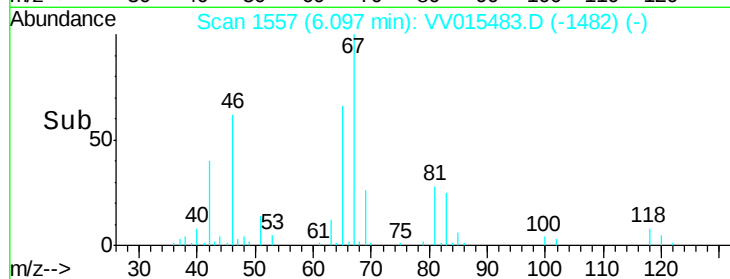
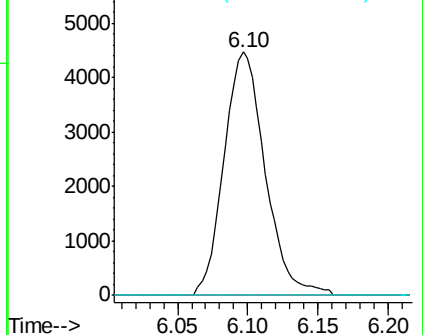
#35
Methvlcvclohexane
Concen: 0.652 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015483.D
Acq: 15 Apr 2020 00:13

Instrument :
MSVOA_V
ClientSampleId :
YAQA1

Tot Ion: 83 Resp: 9133
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.7 38.7 58.1#

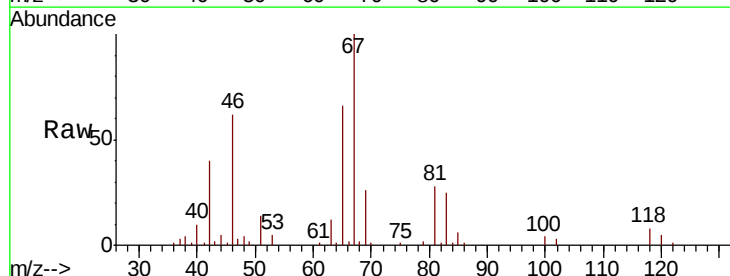


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

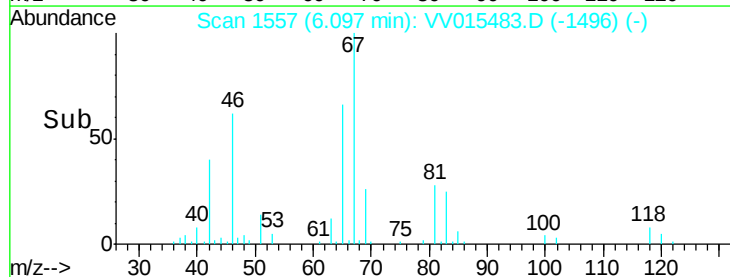
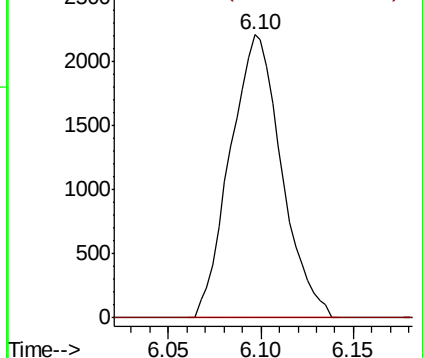


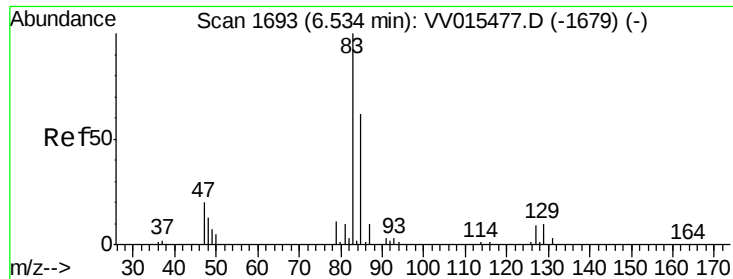
#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015483.D
Acq: 15 Apr 2020 00:13

Tgt Ion: 63 Resp: 4252
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





#38

Bromodichloromethane

Concen: 0.060 ug/L

RT: 6.53 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VV015483.D

Acq: 15 Apr 2020 00:13

Instrument :

MSVOA_V

ClientSampleId :

YAQA1

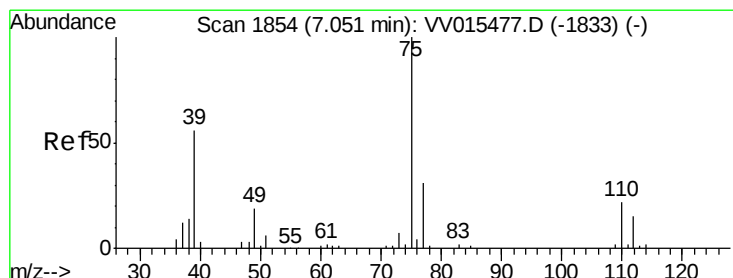
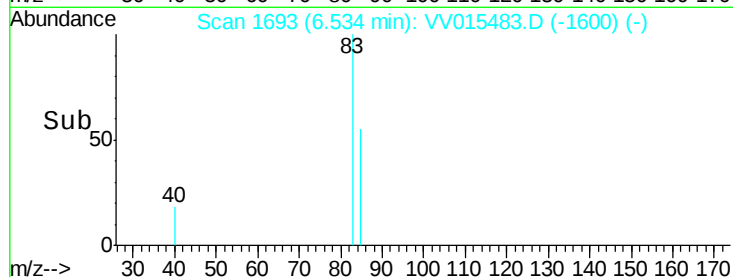
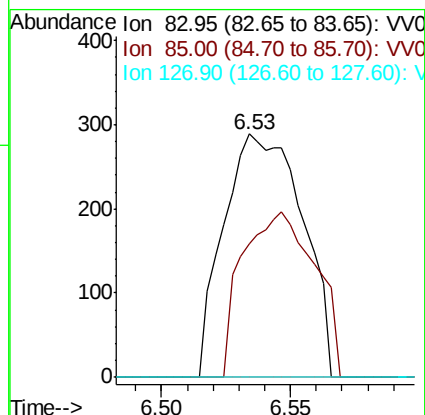
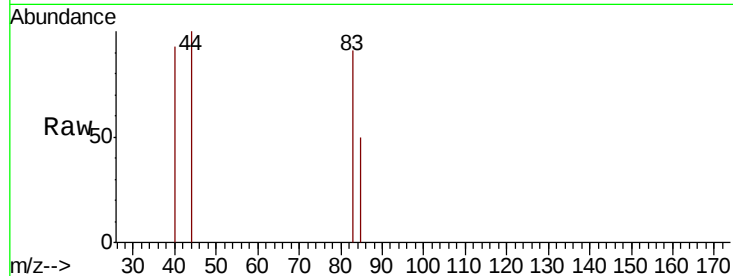
Tot Ion: 83 Resp: 614

Ion Ratio Lower Upper

83 100

85 55.0 42.6 79.2

127 0.0 6.6 9.8#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV015483.D

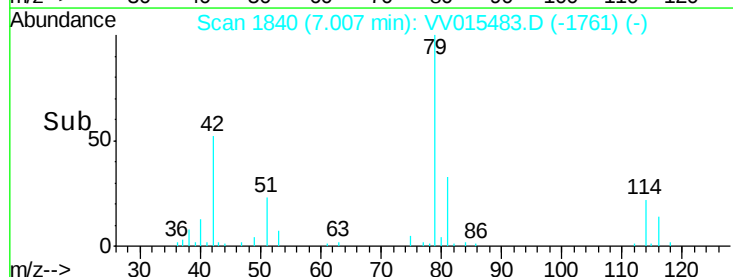
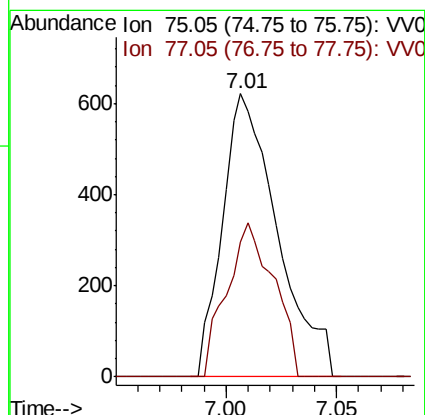
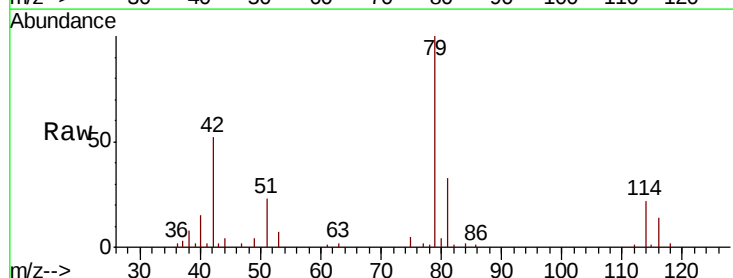
Acq: 15 Apr 2020 00:13

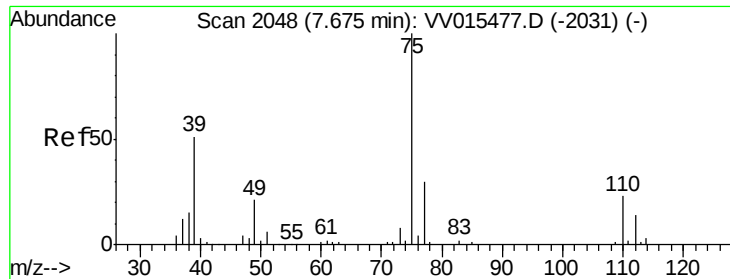
Tgt Ion: 75 Resp: 1076

Ion Ratio Lower Upper

75 100

77 47.6 23.0 42.6#





#44

trans-1,3-Dichloropropene

Concen: 0.055 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.03 min

Lab File: VV015483.D

Acq: 15 Apr 2020 00:13

Instrument :

MSVOA_V

ClientSampleId :

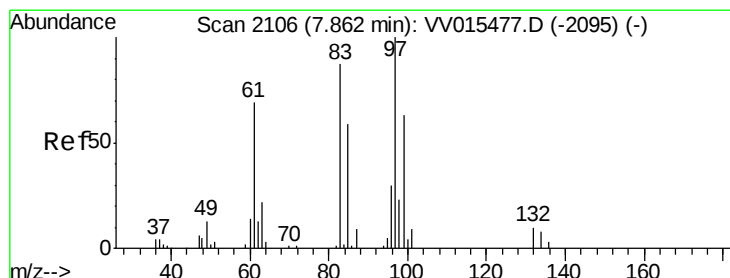
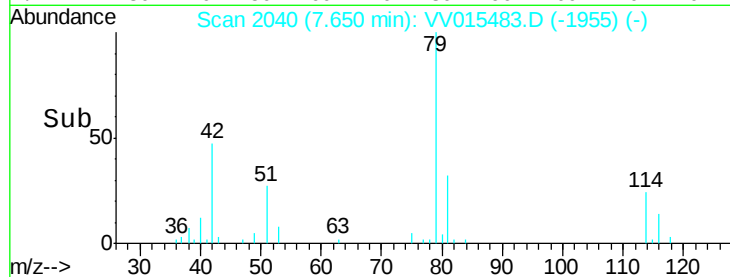
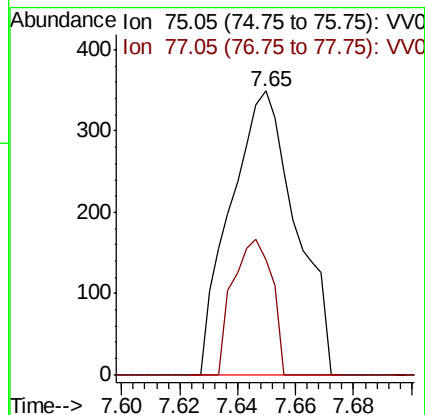
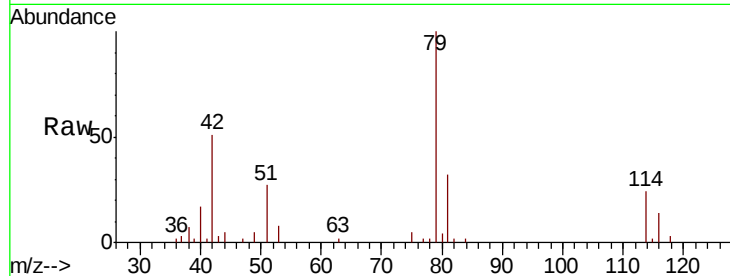
YAQA1

Tot Ion: 75 Resp: 547

Ion Ratio Lower Upper

75 100

77 40.7 21.0 39.0#



#45

1,1,2-Trichloroethane

Concen: 0.535 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.14 min

Lab File: VV015483.D

Acq: 15 Apr 2020 00:13

Tgt Ion: 97 Resp: 2752

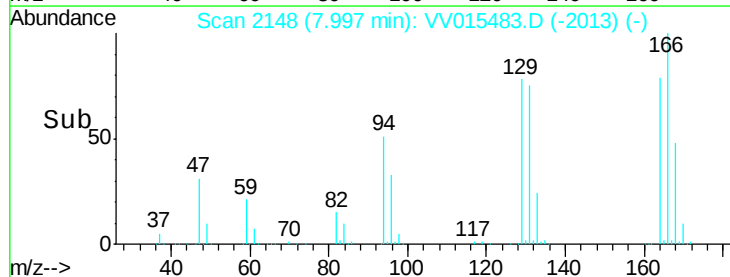
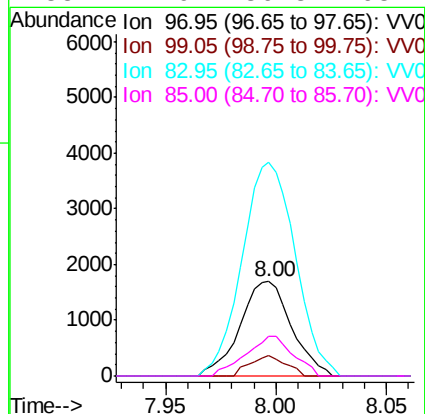
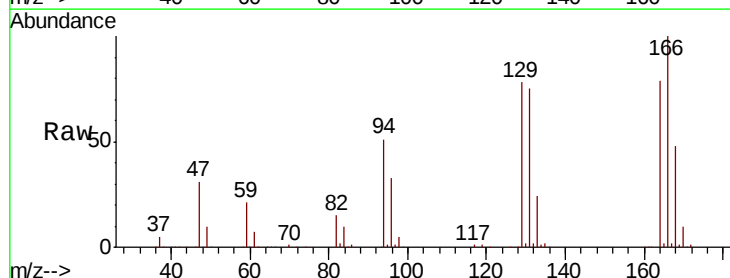
Ion Ratio Lower Upper

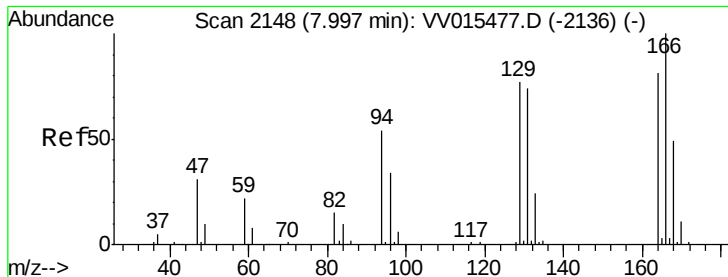
97 100

99 21.2 41.3 76.7#

83 226.1 60.5 112.3#

85 41.9 36.8 68.4





#47

Tetrachloroethene

Concen: 46.472 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015483.D

Acq: 15 Apr 2020 00:13

Instrument :
MSVOA_V
ClientSampleId :
YAQA1

Tot Ion:164 Resp: 286142

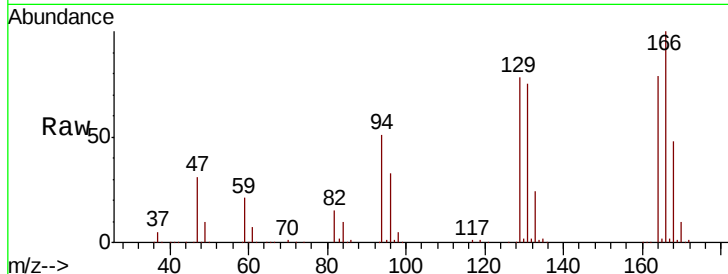
Ion Ratio Lower Upper

164 100

129 98.8 70.6 131.0

131 95.1 68.3 126.8

166 126.9 88.3 163.9

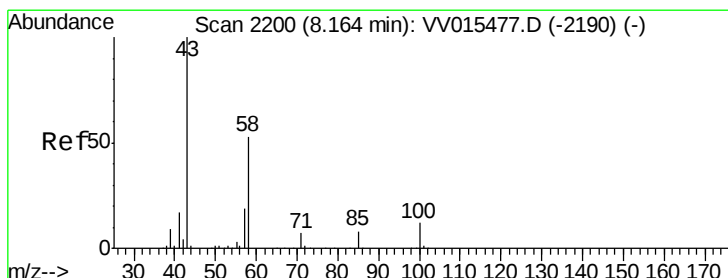
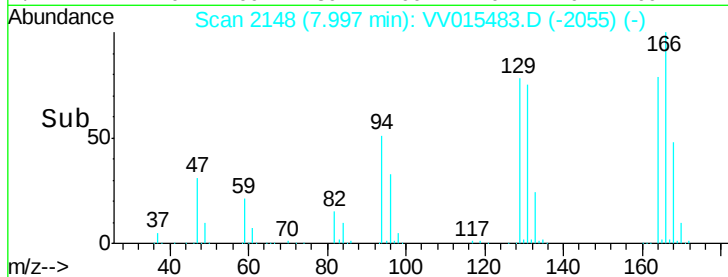
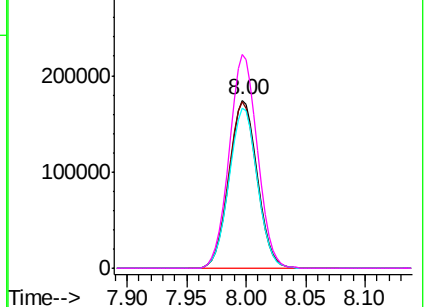


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.569 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015483.D

Acq: 15 Apr 2020 00:13

Tgt Ion: 43 Resp: 9027

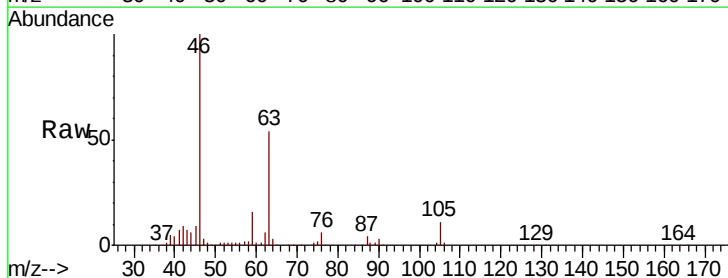
Ion Ratio Lower Upper

43 100

58 33.6 41.4 62.0#

57 22.4 15.0 22.4

100 0.0 9.4 14.2#

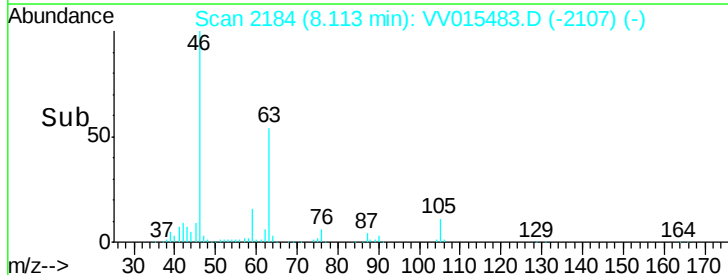
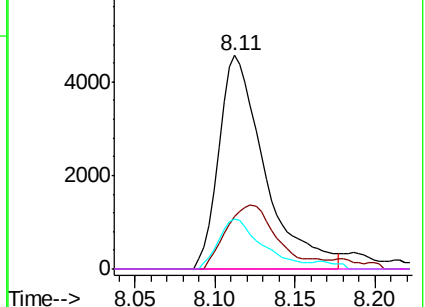


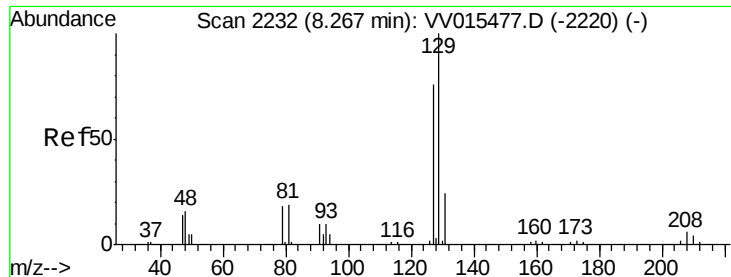
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 44.879 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015483.D

Acq: 15 Apr 2020 00:13

Instrument :

MSVOA_V

ClientSampleId :

YAQA1

Tot Ion:129 Resp: 276746

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

