

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015500.D
 Acq On : 15 Apr 2020 06:52
 Operator : SY/MD
 Sample : L2274-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAOB8

Quant Time: Apr 15 07:19:36 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	106058	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	100381	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	48943	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33401	6.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.40%
7) Chloroethane-d5	1.58	69	29642	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.12	63	47920	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	3.91	46	81914	53.01	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.02%
24) Chloroform-d	4.38	84	63644	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.06	65	35281	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.08	84	126598	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
36) 1,2-Dichloropropane-d6	6.10	67	39234	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.20%
41) Toluene-d8	7.34	98	117260	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
43) trans-1,3-Dichloropropene-	7.65	79	14420	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.11	63	66629	45.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27243	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	43337	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

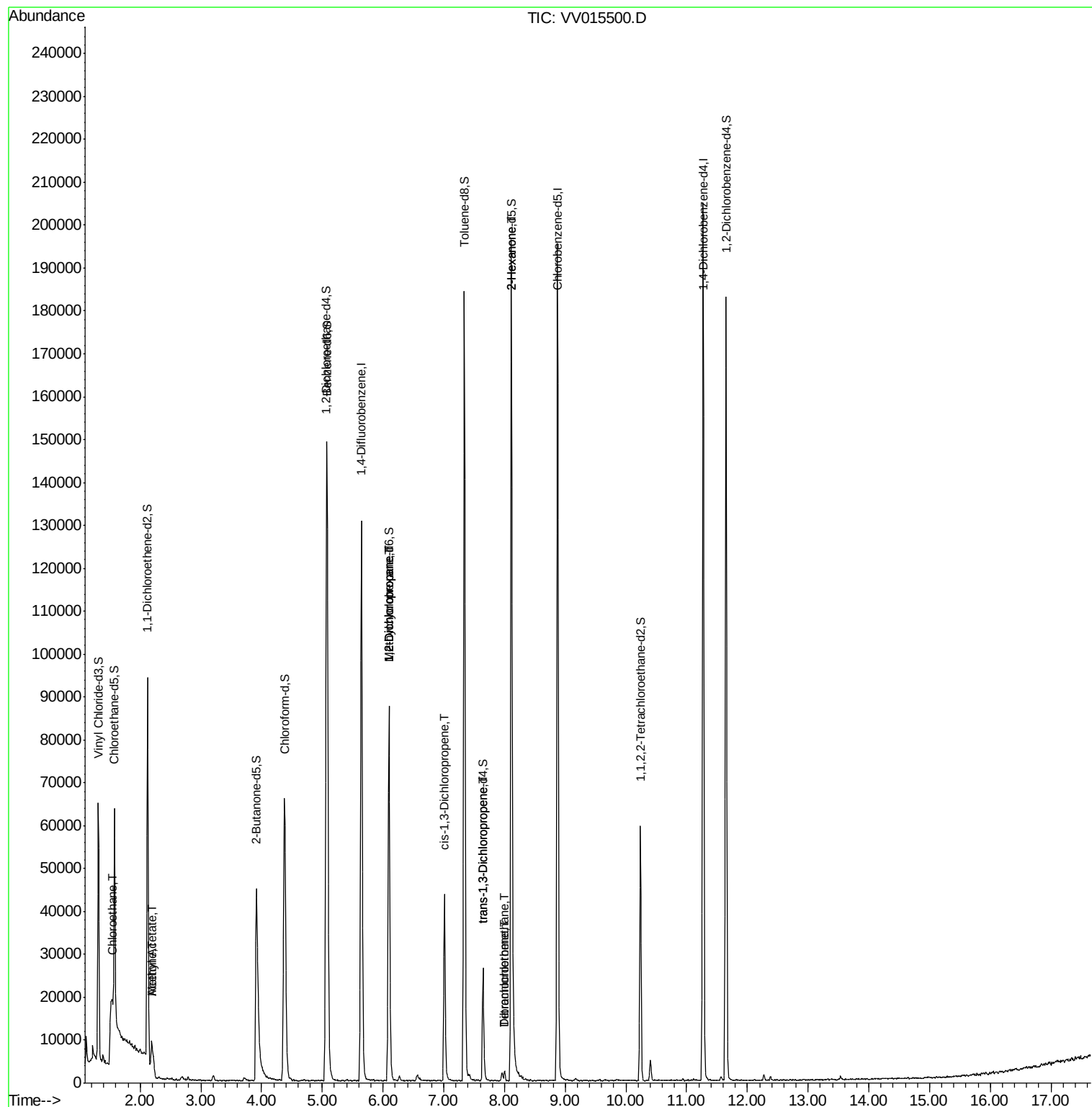
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.53	64	56901	10.192	ug/L #	51
13) Acetone	2.19	43	10223	9.365	ug/L #	46
15) Methyl Acetate	2.19	43	9420	2.917	ug/L #	57
35) Methylcyclohexane	6.10	83	9467	0.695	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4652	0.624	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1150	0.101	ug/L	84
44) trans-1,3-Dichloropropene	7.65	75	618	0.064	ug/L #	68
47) Tetrachloroethene	8.00	164	600	0.100	ug/L	82
48) 2-Hexanone	8.11	43	9335	2.731	ug/L #	79
49) Dibromochloromethane	8.00	129	555	0.092	ug/L #	10

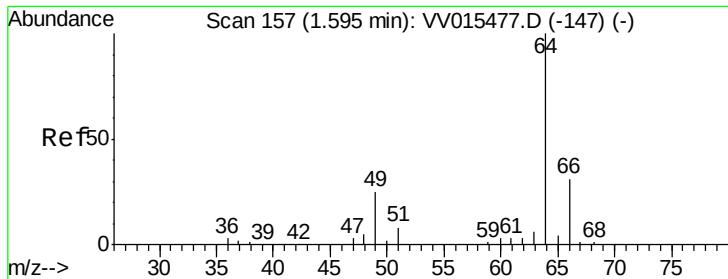
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#8

Chloroethane

Concen: 10.192 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.06 min

Lab File: VV015500.D

Acq: 15 Apr 2020 06:52

Instrument :

MSVOA_V

ClientSampleId :

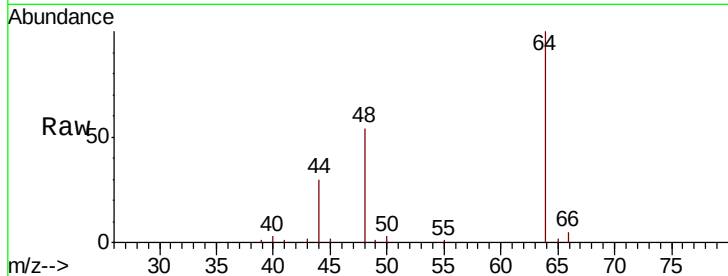
YaqB8

Tot Ion: 64 Resp: 56901

Ion Ratio Lower Upper

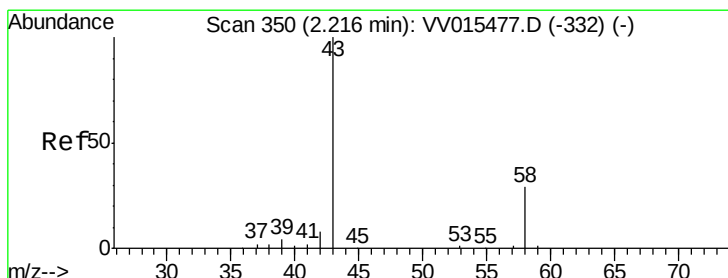
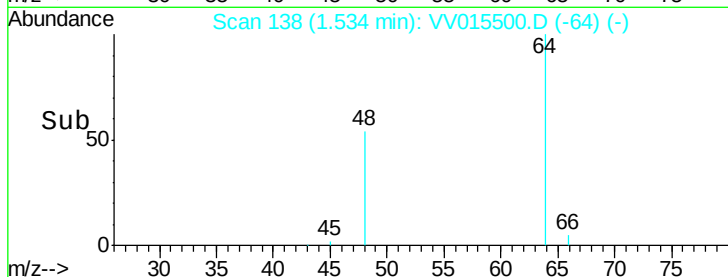
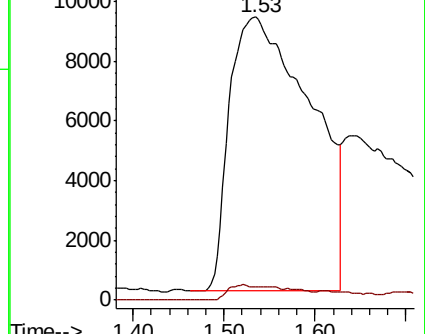
64 100

66 4.5 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: 9.365 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV015500.D

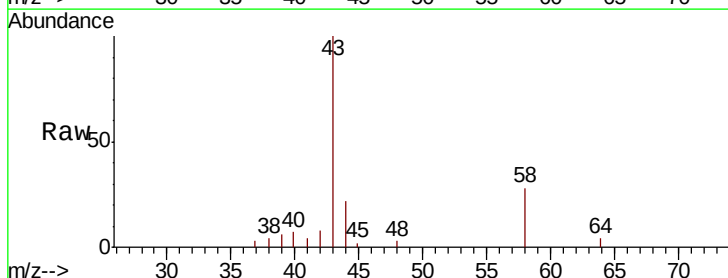
Acq: 15 Apr 2020 06:52

Tgt Ion: 43 Resp: 10223

Ion Ratio Lower Upper

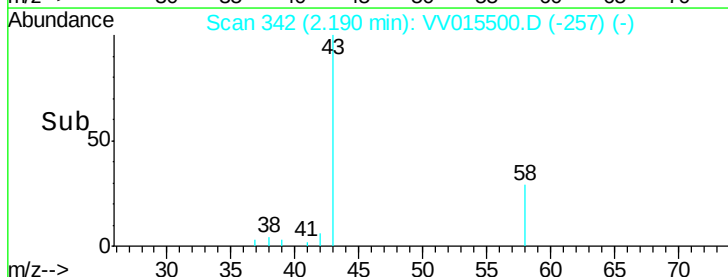
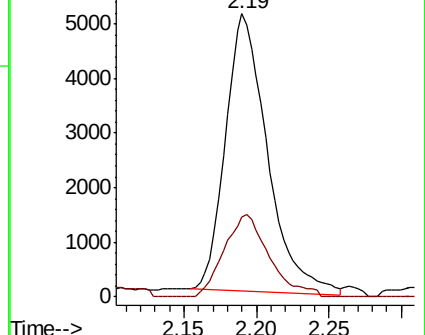
43 100

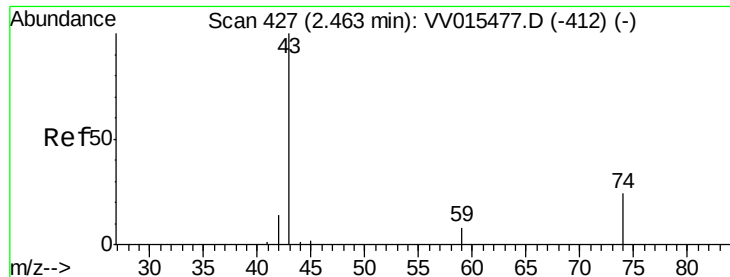
58 31.7 0.0 22.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

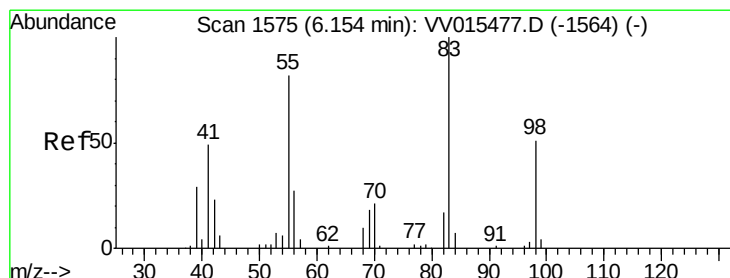
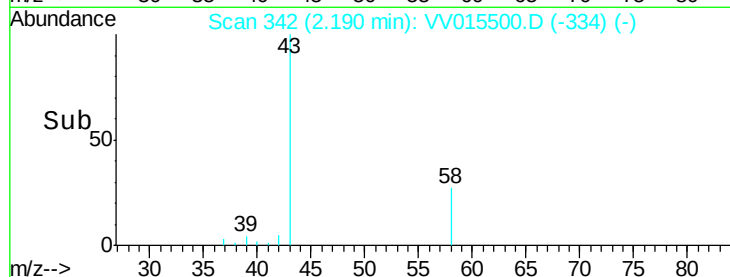
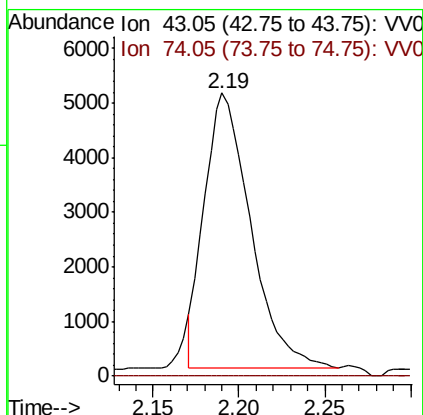
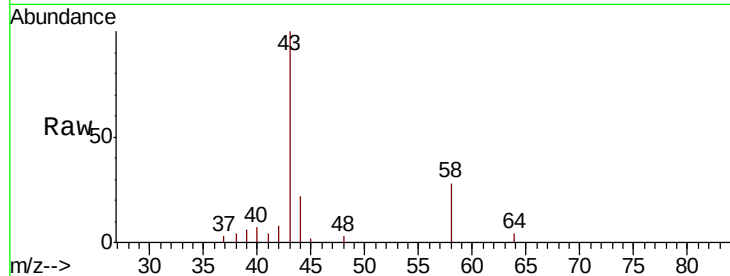




#15
Methvl Acetate
Concen: 2.917 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.27 min
Lab File: VV015500.D
Acq: 15 Apr 2020 06:52

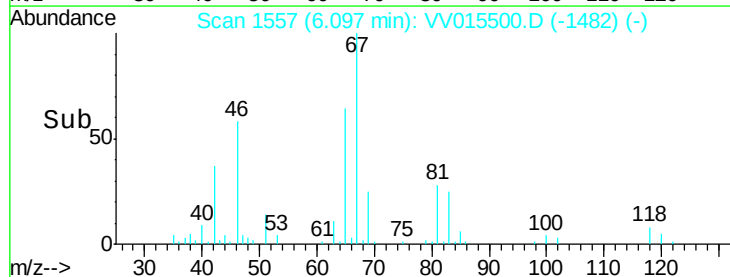
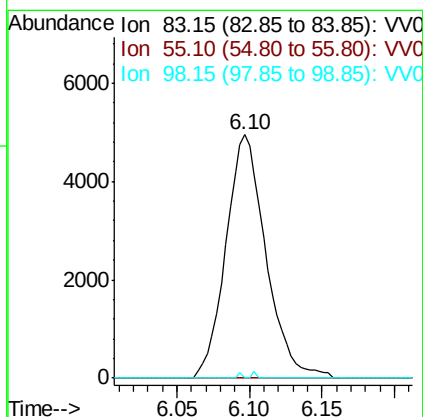
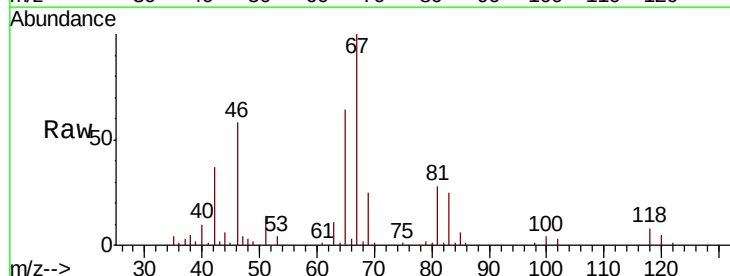
Instrument :
MSVOA_V
ClientSampleId :
YaqB8

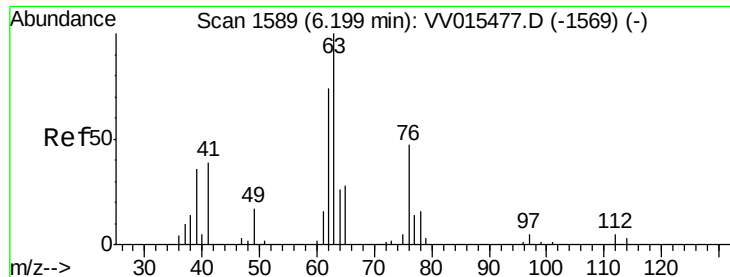
Tot Ion: 43 Resp: 9420
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#35
Methylcyclohexane
Concen: 0.695 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015500.D
Acq: 15 Apr 2020 06:52

Tgt Ion: 83 Resp: 9467
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.2 38.7 58.1#

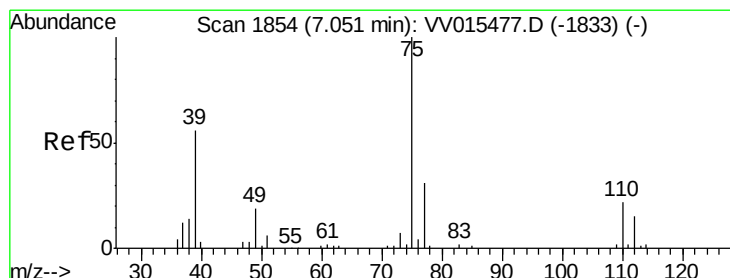
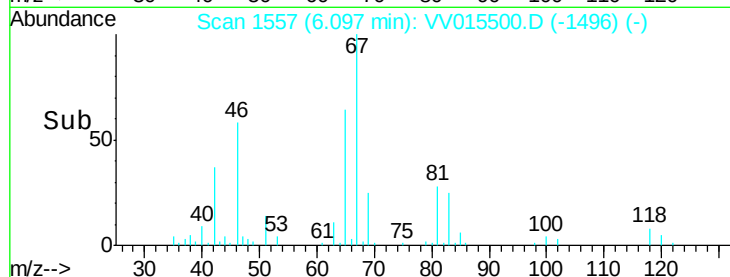
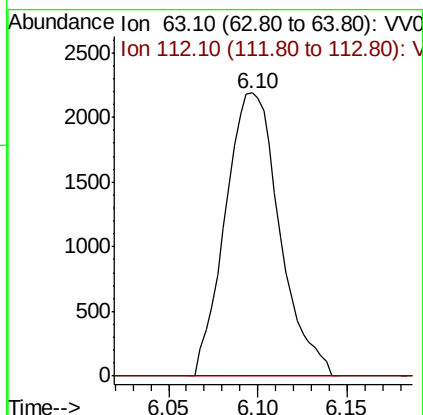
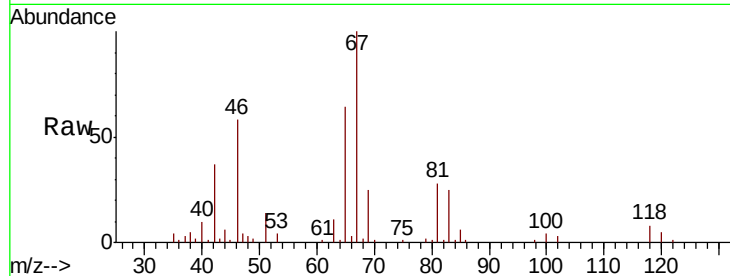




#37
 1,2-Dichloropropane
 Concen: 0.624 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015500.D
 Acq: 15 Apr 2020 06:52

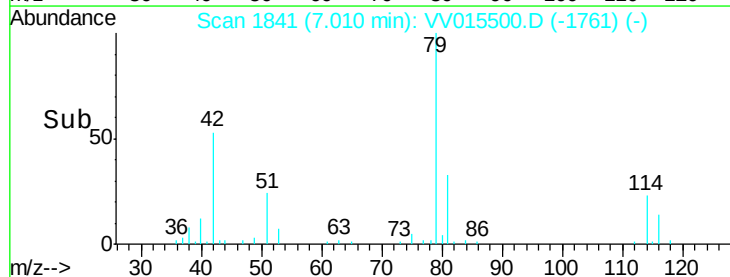
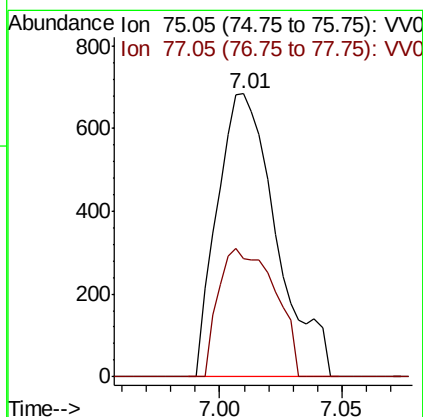
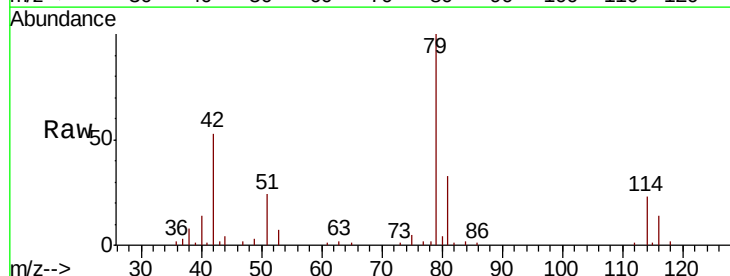
Instrument :
 MSVOA_V
 ClientSampleId :
 YAOB8

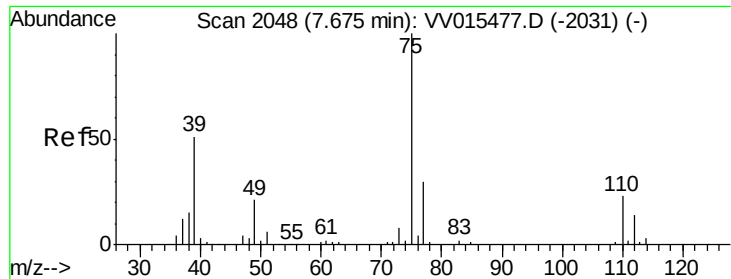
Tot Ion: 63 Resp: 4652
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015500.D
 Acq: 15 Apr 2020 06:52

Tgt Ion: 75 Resp: 1150
 Ion Ratio Lower Upper
 75 100
 77 42.0 23.0 42.6





#44

trans-1,3-Dichloropropene

Concen: 0.064 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015500.D

Acq: 15 Apr 2020 06:52

Instrument :

MSVOA_V

ClientSampled :

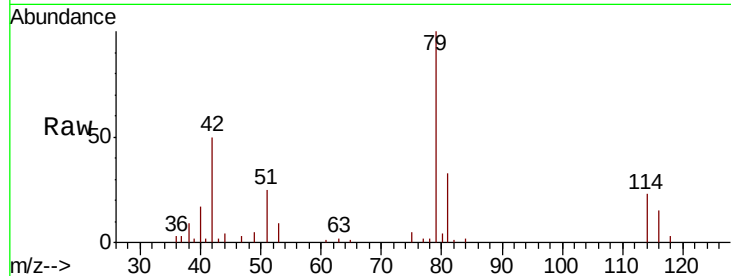
YaqB8

Tot Ion: 75 Resp: 618

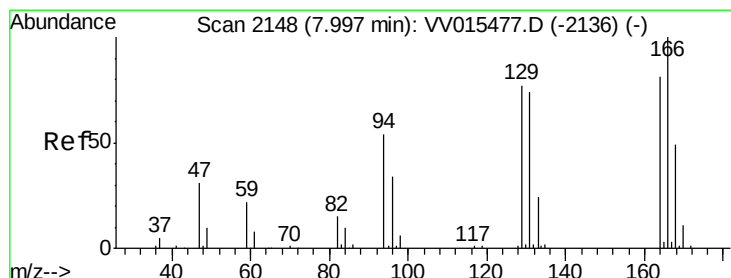
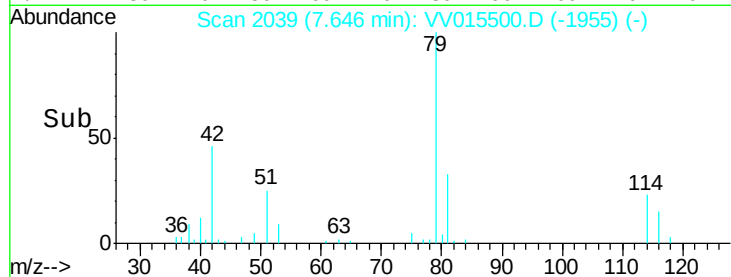
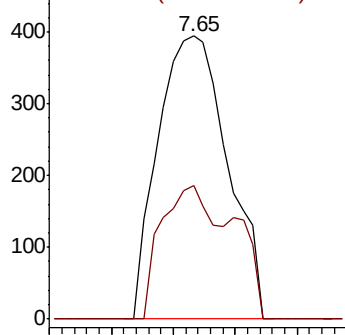
Ion Ratio Lower Upper

75 100

77 47.2 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VV015500.D (-1955) (-)



#47

Tetrachloroethene

Concen: 0.100 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015500.D

Acq: 15 Apr 2020 06:52

Tgt Ion: 164 Resp: 600

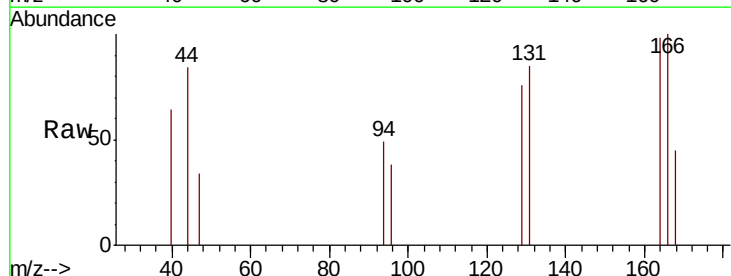
Ion Ratio Lower Upper

164 100

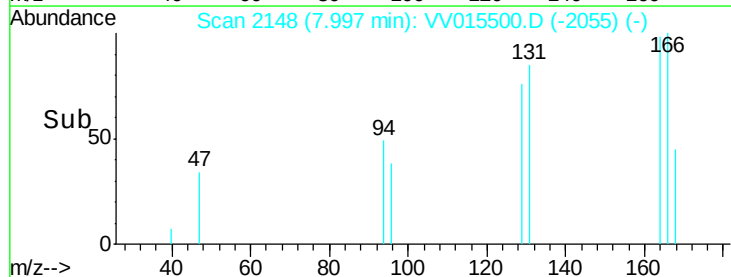
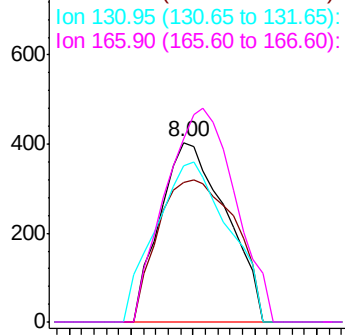
129 77.5 70.6 131.0

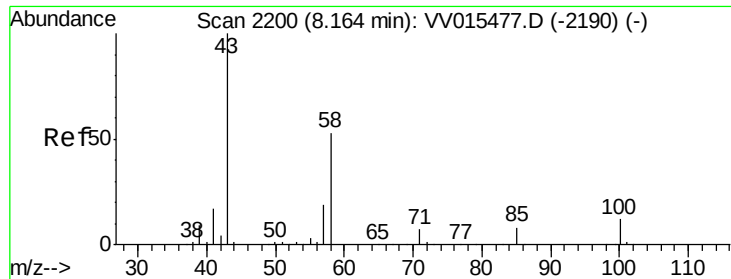
131 87.1 68.3 126.8

166 102.2 88.3 163.9



Abundance Ion 163.90 (163.60 to 164.60): VV015500.D (-2055) (-)

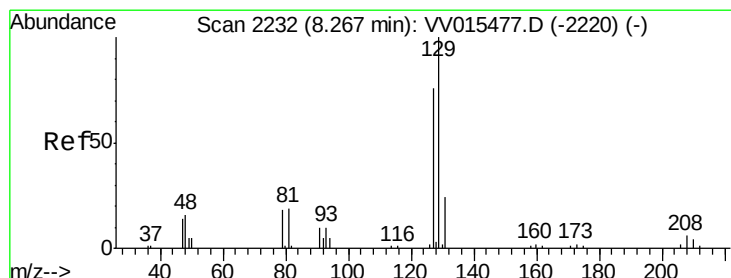
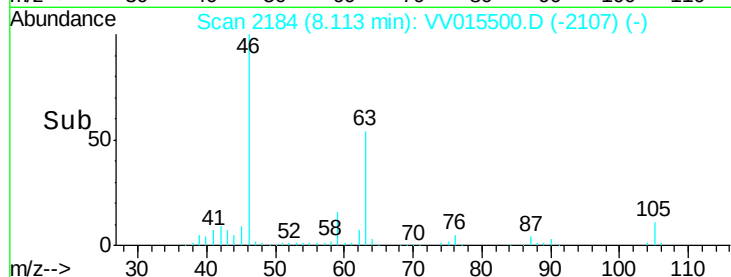
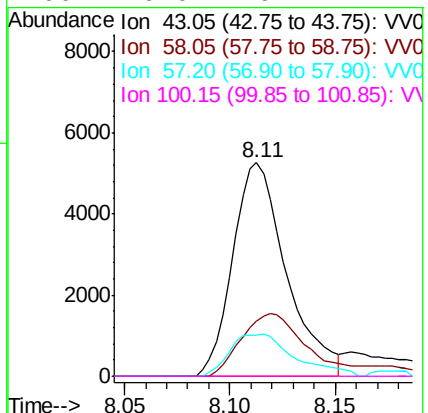
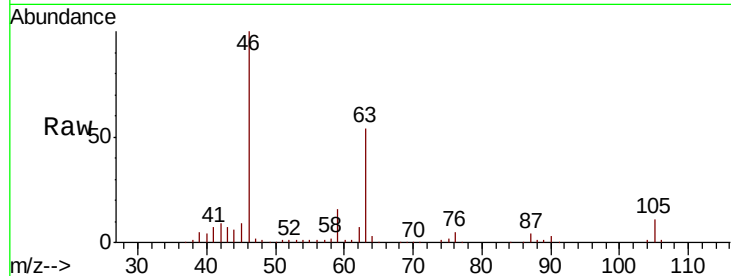




#48
2-Hexanone
Concen: 2.731 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015500.D
Acq: 15 Apr 2020 06:52

Instrument :
MSVOA_V
ClientSampleId :
YaqB8

Tot Ion: 43 Resp: 9335
Ion Ratio Lower Upper
43 100
58 36.4 41.4 62.0#
57 23.7 15.0 22.4#
100 0.0 9.4 14.2#



#49
Dibromochloromethane
Concen: 0.092 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV015500.D
Acq: 15 Apr 2020 06:52

Tgt Ion: 129 Resp: 555
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#

