

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041520\
 Data File : VV015520.D
 Acq On : 15 Apr 2020 19:51
 Operator : SY/MD
 Sample : L2274-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 16 00:46:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 00:42:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	103324	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	95578	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	47110	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27269	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.58	69	25610	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.12	63	40252	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.92	46	74333	49.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	4.38	84	55316	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	31340	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.08	84	112016	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.10	67	34323	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.34	98	100115	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.65	79	13088	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.11	63	56328	40.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22790	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	36563	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

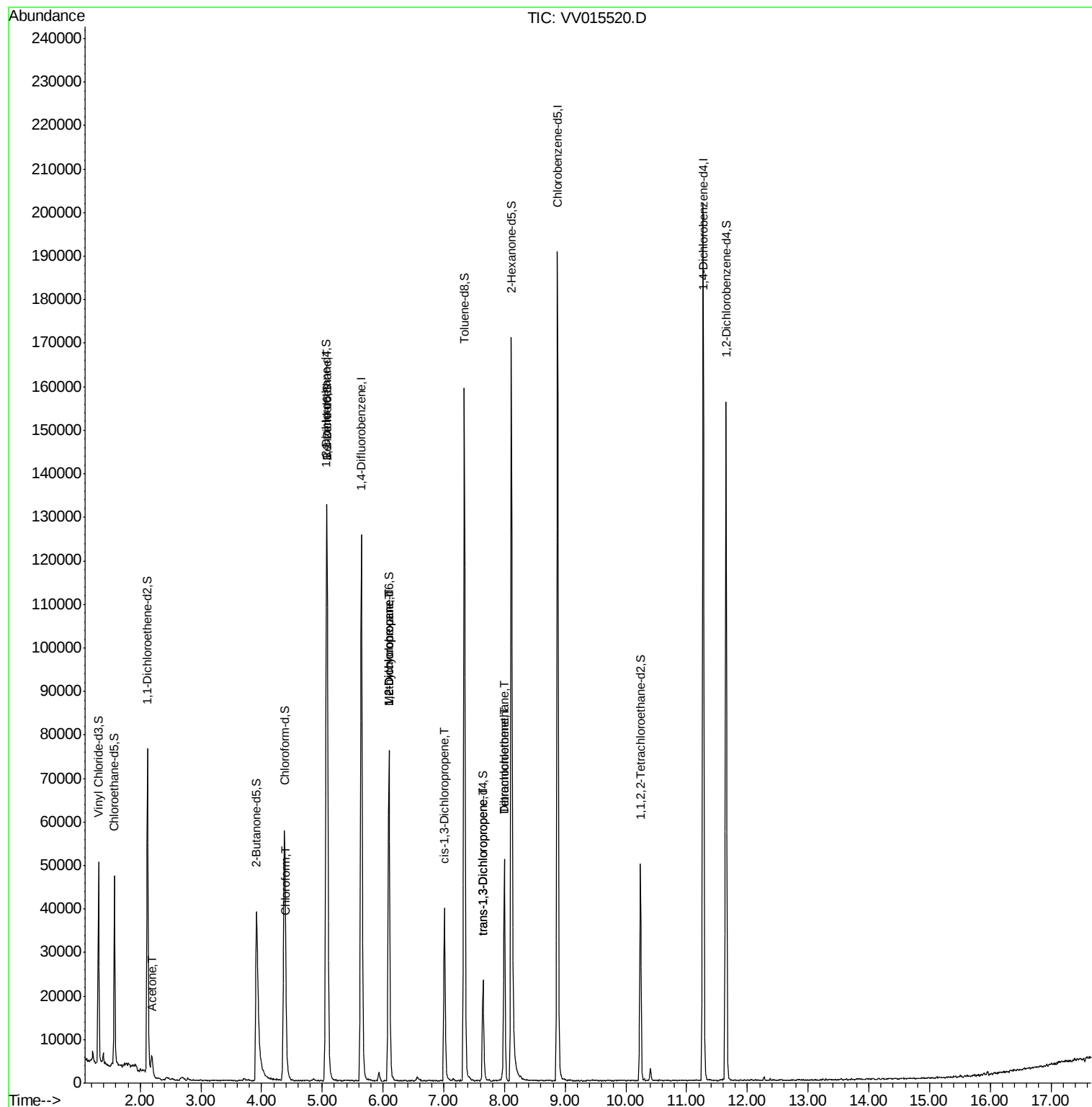
					Ovalue
13) Acetone	2.19	43	6908	6.495 ug/L #	52
25) Chloroform	4.41	83	2503	0.178 ug/L	95
27) 1,2-Dichloroethane	5.08	62	653	0.072 ug/L #	77
35) Methylcyclohexane	6.10	83	8601	0.663 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4313	0.608 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1071	0.098 ug/L #	51
44) trans-1,3-Dichloropropene	7.65	75	612	0.066 ug/L #	56
47) Tetrachloroethene	8.00	164	10521	1.844 ug/L	99
49) Dibromochloromethane	8.00	129	10301	1.803 ug/L #	10

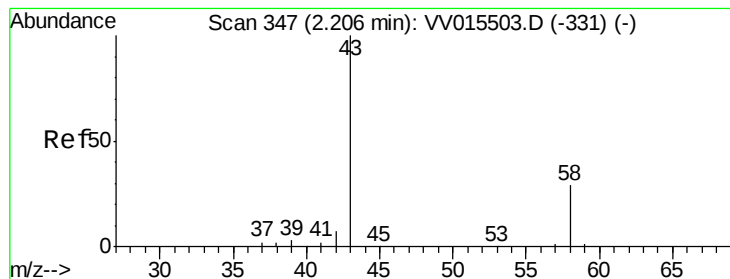
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.495 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV015520.D

Acq: 15 Apr 2020 19:51

Instrument :

MSVOA_V

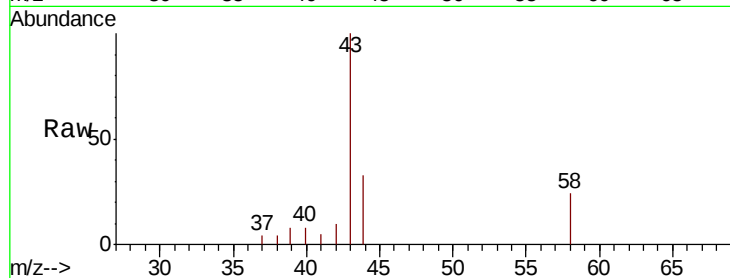
ClientSampleId :

Tot Ion: 43 Resp: 6908

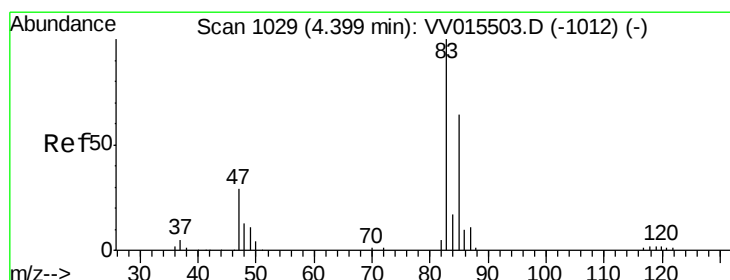
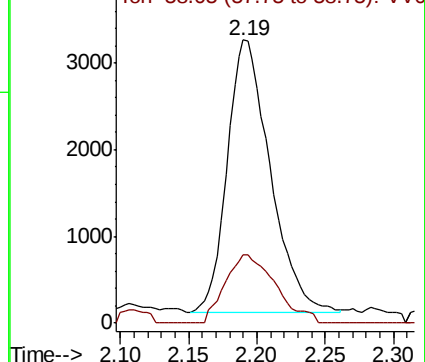
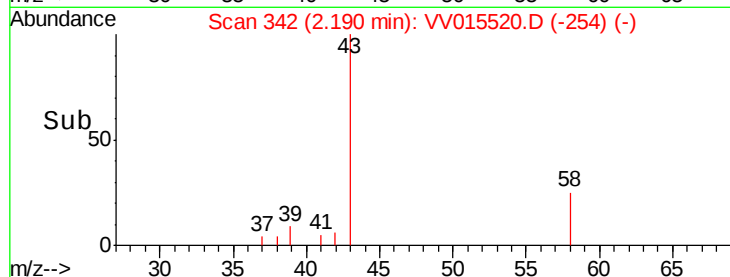
Ion Ratio Lower Upper

43 100

58 29.2 0.0 22.2#



Abundance Ion 43.05 (42.75 to 43.75): VV015520.D (-254) (-)



#25

Chloroform

Concen: 0.178 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV015520.D

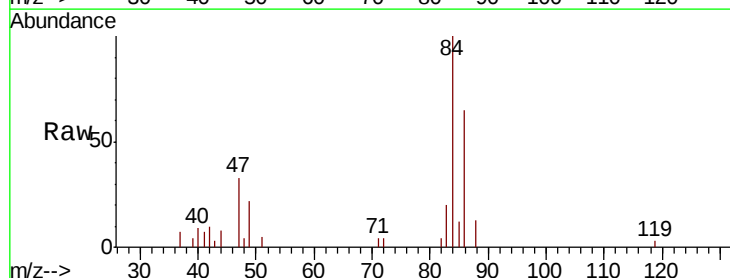
Acq: 15 Apr 2020 19:51

Tgt Ion: 83 Resp: 2503

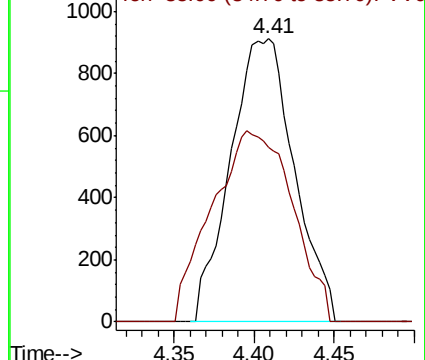
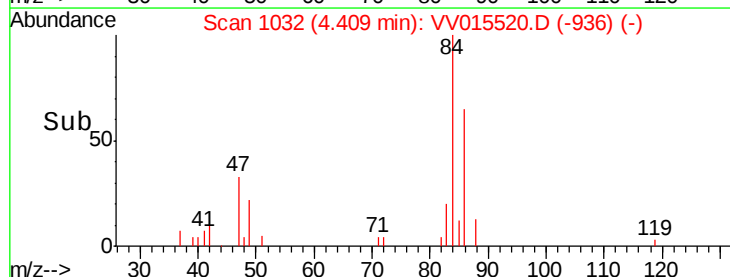
Ion Ratio Lower Upper

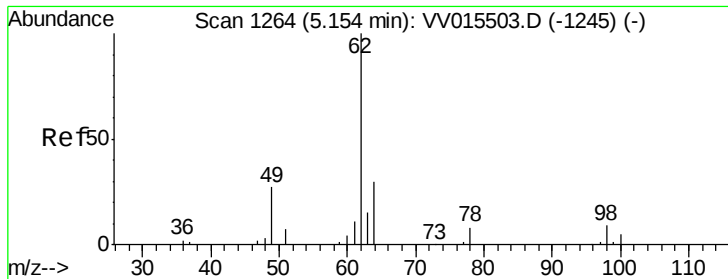
83 100

85 61.5 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV015520.D (-936) (-)

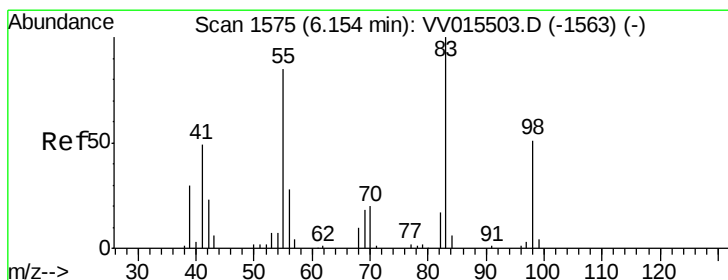
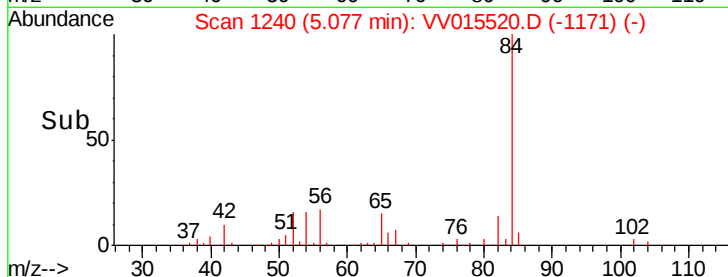
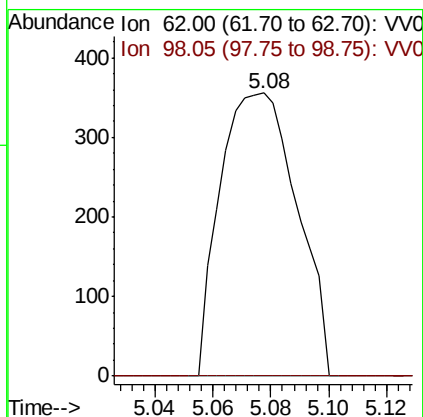
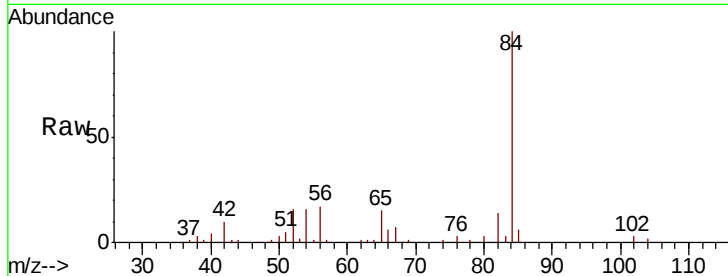




#27
 1,2-Dichloroethane
 Concen: 0.072 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV015520.D
 Acq: 15 Apr 2020 19:51

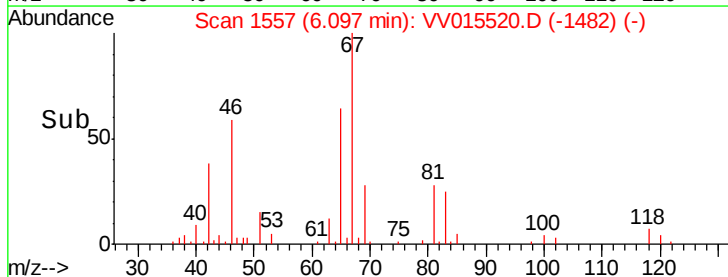
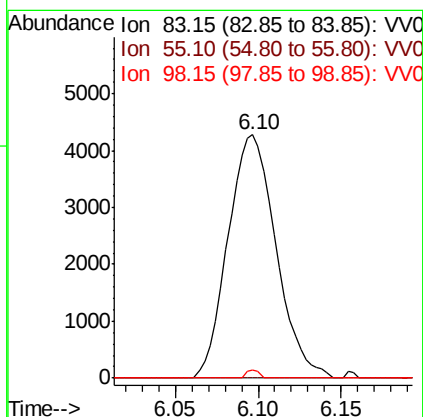
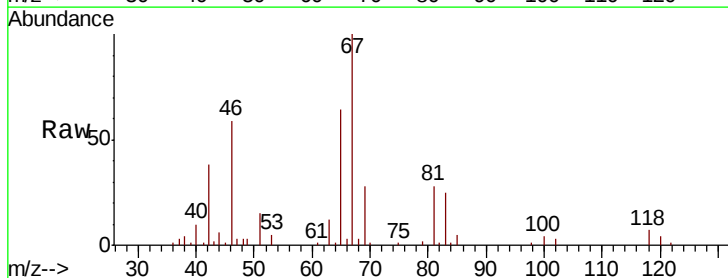
Instrument :
 MSVOA_V
 ClientSampleId :

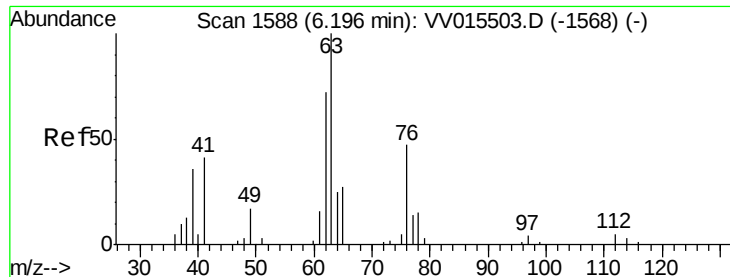
Tot Ion: 62 Resp: 653
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.663 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015520.D
 Acq: 15 Apr 2020 19:51

Tgt Ion: 83 Resp: 8601
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.8 38.7 58.1#

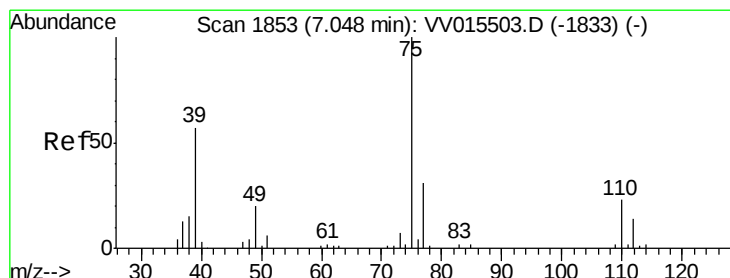
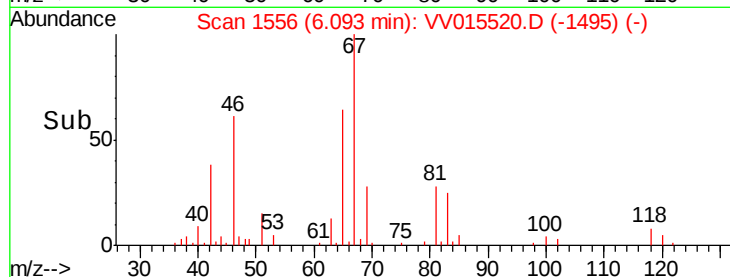
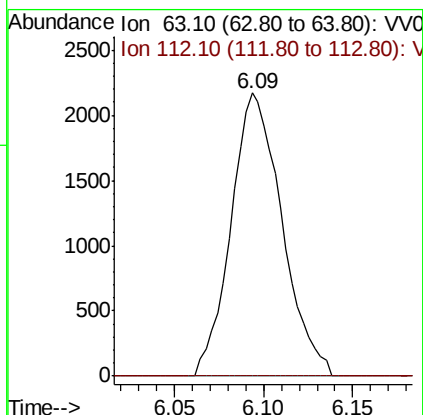
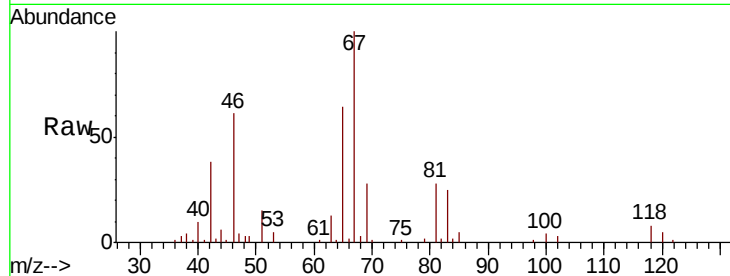




#37
 1,2-Dichloropropane
 Concen: 0.608 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015520.D
 Acq: 15 Apr 2020 19:51

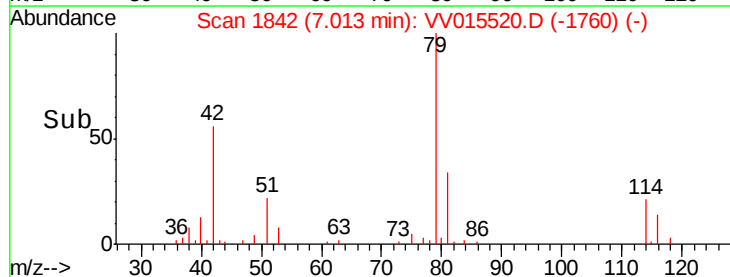
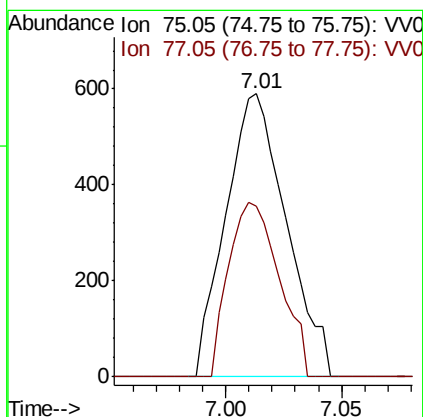
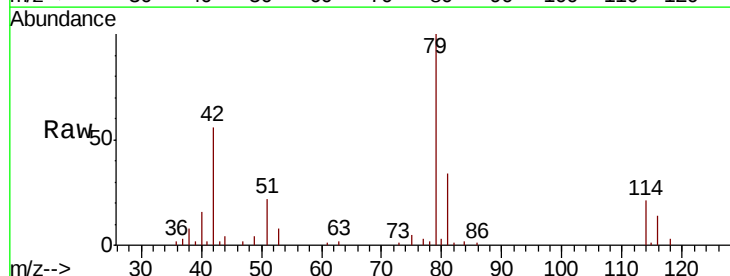
Instrument :
 MSVOA_V
 ClientSampleId :

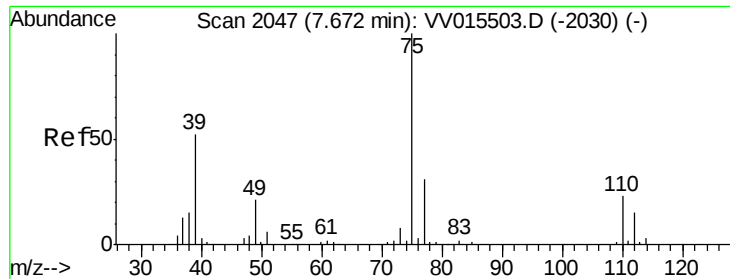
Tot Ion: 63 Resp: 4313
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015520.D
 Acq: 15 Apr 2020 19:51

Tgt Ion: 75 Resp: 1071
 Ion Ratio Lower Upper
 75 100
 77 60.5 23.0 42.6#





#44

trans-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015520.D

Acq: 15 Apr 2020 19:51

Instrument :

MSVOA_V

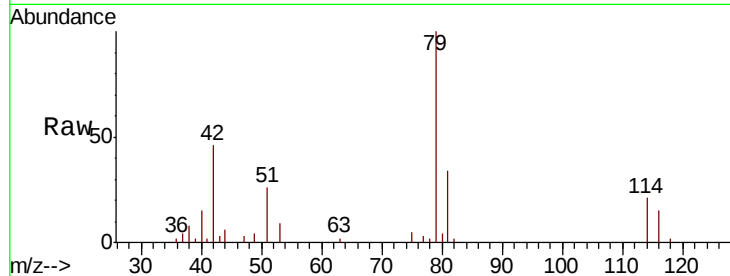
ClientSampleId :

Tot Ion: 75 Resp: 612

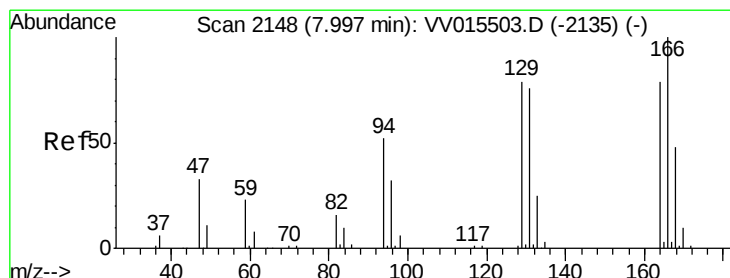
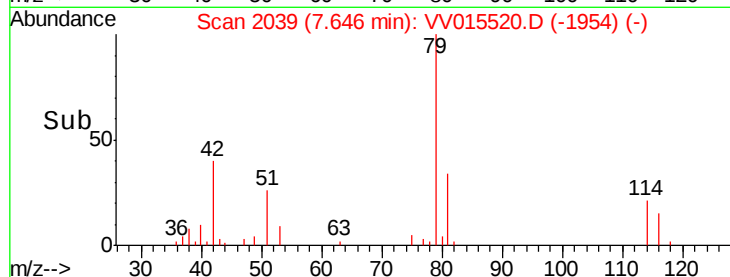
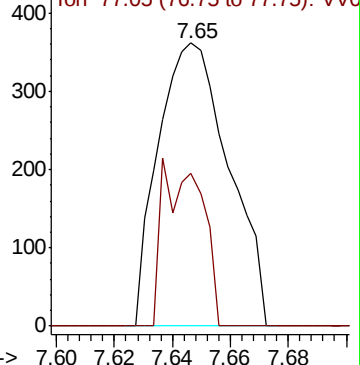
Ion Ratio Lower Upper

75 100

77 53.9 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VV015520.D (-1954) (-)



#47

Tetrachloroethene

Concen: 1.844 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015520.D

Acq: 15 Apr 2020 19:51

Tgt Ion:164 Resp: 10521

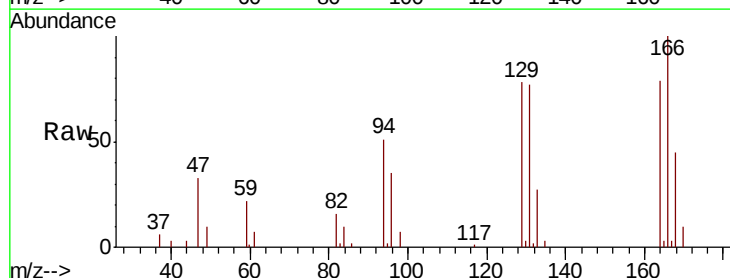
Ion Ratio Lower Upper

164 100

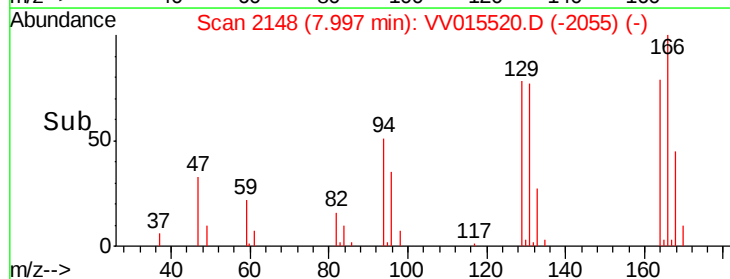
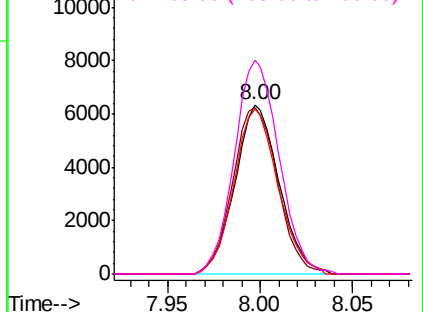
129 98.5 70.6 131.0

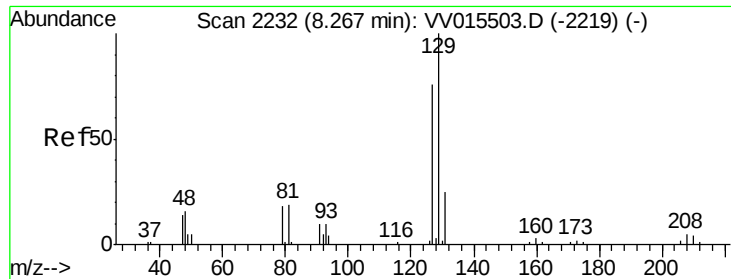
131 97.3 68.3 126.8

166 126.1 88.3 163.9



Abundance Ion 163.90 (163.60 to 164.60): VV015520.D (-2055) (-)





#49

Dibromochloromethane

Concen: 1.803 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015520.D

Acq: 15 Apr 2020 19:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 10301

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

