

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015762.D
 Acq On : 28 Apr 2020 21:55
 Operator : SY/MD
 Sample : VV0428WBL02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 03:48:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121864	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56779	5.00	ug/L	0.00

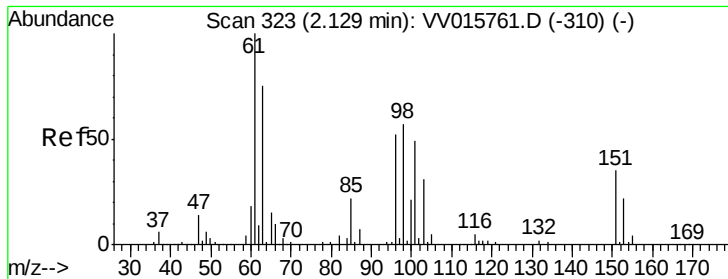
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38739	6.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.60%
7) Chloroethane-d5	1.58	69	34541	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.60%
11) 1,1-Dichloroethene-d2	2.12	63	56230	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.93	46	91278	44.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.28%
24) Chloroform-d	4.38	84	65511	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.06	65	40293	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.08	84	135907	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.10	67	43089	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.34	98	121918	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.65	79	13972	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.11	63	62740	36.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28002	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	43514	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	633	0.083 ug/L #	28
12) 1,1-Dichloroethene	2.12	96	551	0.078 ug/L #	1
16) Methylene chloride	2.53	84	1023	0.117 ug/L	88
22) cis-1,2-Dichloroethene	3.94	96	527	0.060 ug/L	94
25) Chloroform	4.41	83	7372	0.445 ug/L	97
34) Trichloroethene	5.94	95	1409	0.148 ug/L	96
35) Methylcyclohexane	6.09	83	10601	0.726 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5266	0.601 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1212	0.099 ug/L #	56
48) 2-Hexanone	8.17	43	7279	1.796 ug/L #	78

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.083 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015762.D

Acq: 28 Apr 2020 21:55

Instrument :

MSVOA_V

ClientSampleId :

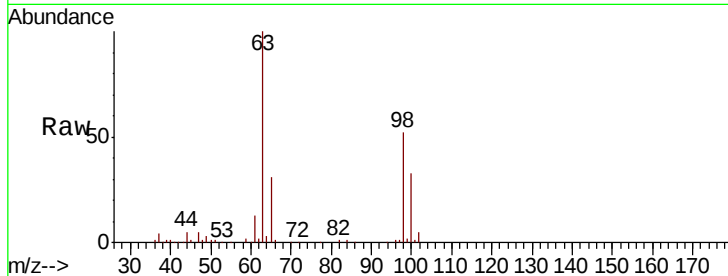
Tot Ion:101 Resp: 633

Ion Ratio Lower Upper

101 100

85 11.2 36.1 54.1#

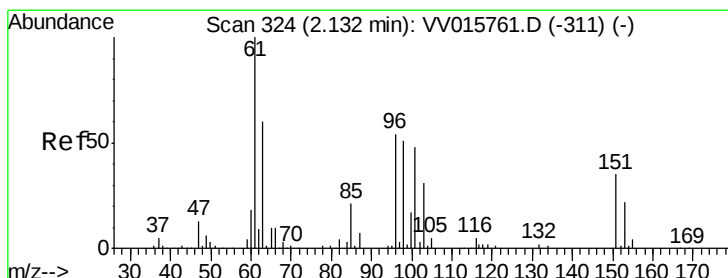
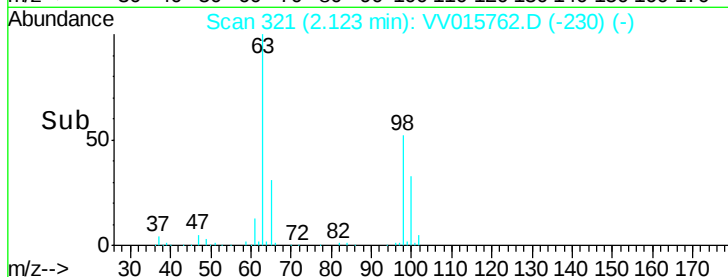
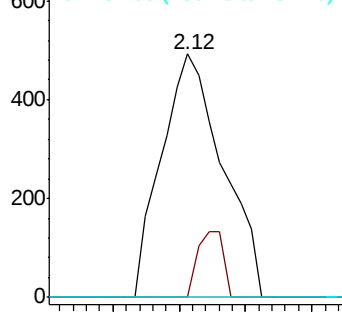
151 0.0 55.2 82.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.078 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015762.D

Acq: 28 Apr 2020 21:55

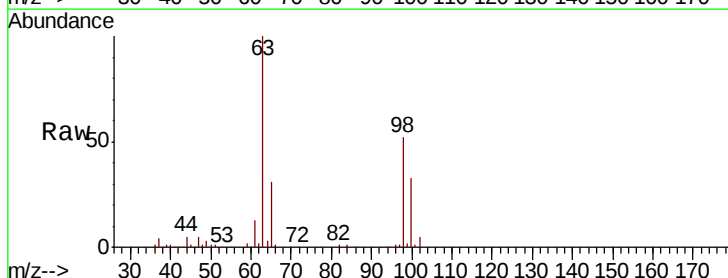
Tgt Ion: 96 Resp: 551

Ion Ratio Lower Upper

96 100

61 1740.6 130.1 241.7#

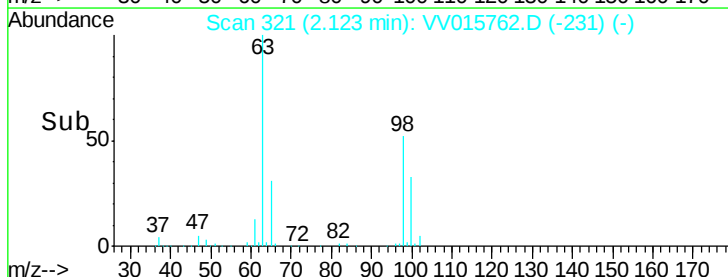
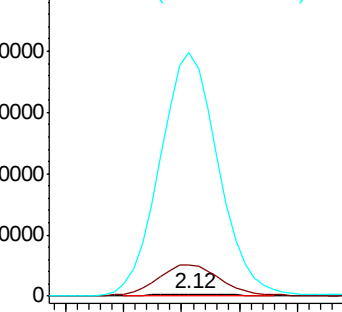
63 13347.7 91.4 169.8#

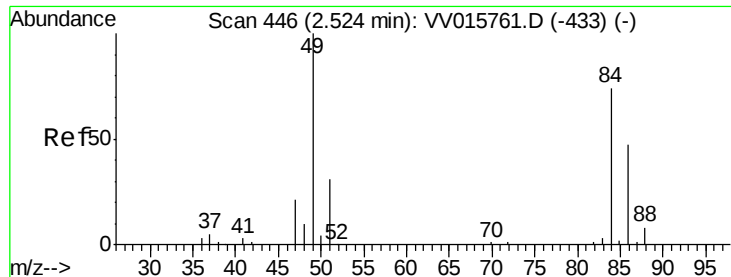


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

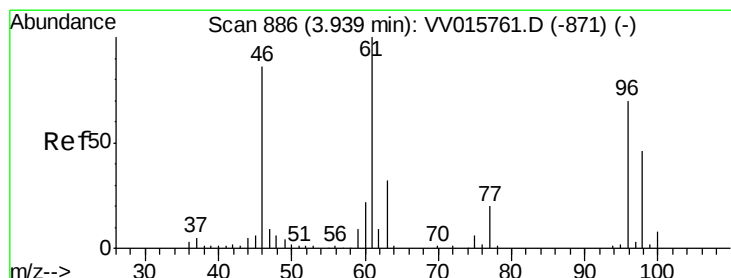
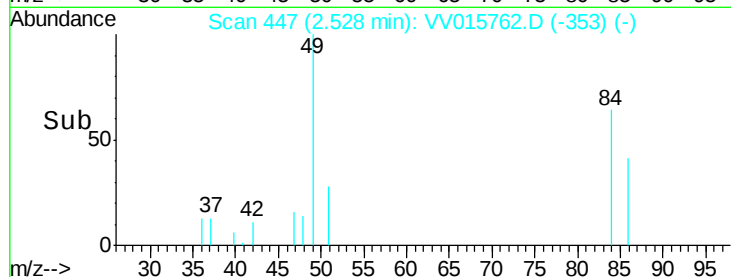
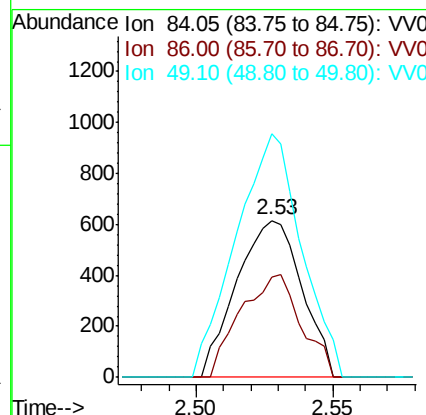
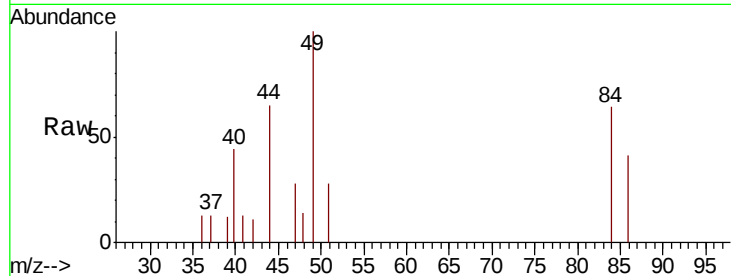




#16
Methylene chloride
Concen: 0.117 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV015762.D
Acq: 28 Apr 2020 21:55

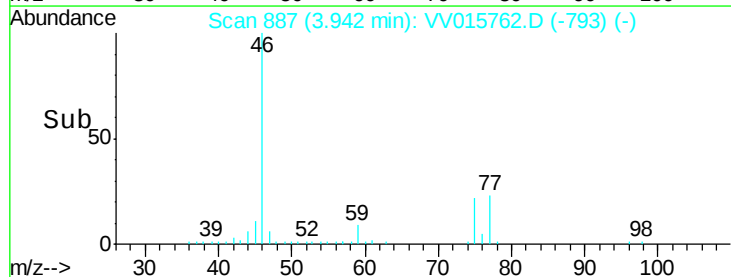
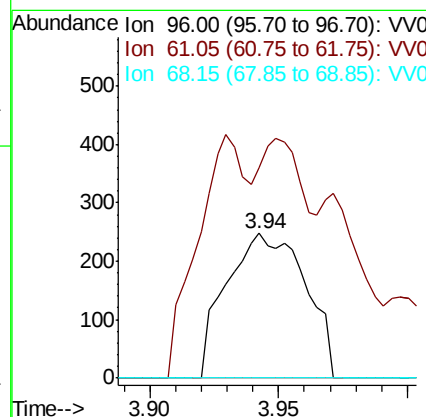
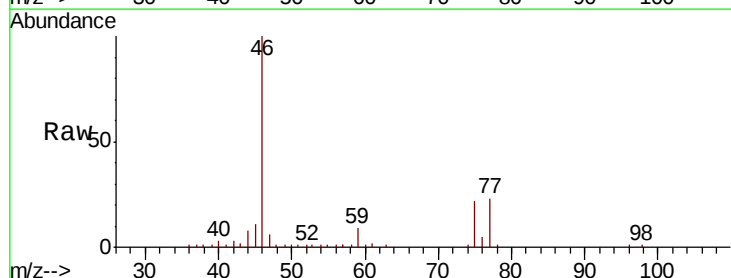
Instrument :
MSVOA_V
ClientSampled :

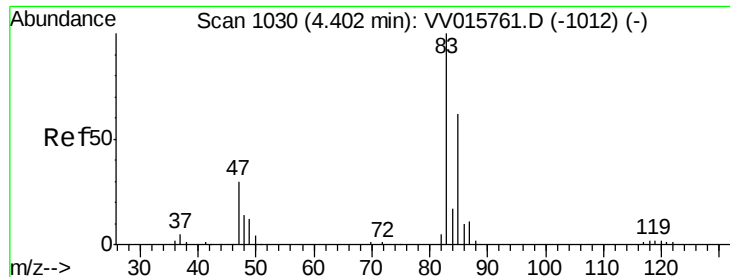
Tot Ion: 84 Resp: 1023
Ion Ratio Lower Upper
84 100
86 63.7 45.1 83.7
49 155.4 94.4 175.4



#22
cis-1,2-Dichloroethene
Concen: 0.060 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VV015762.D
Acq: 28 Apr 2020 21:55

Tgt Ion: 96 Resp: 527
Ion Ratio Lower Upper
96 100
61 145.2 96.4 179.0
68 0.0 0.0 0.0

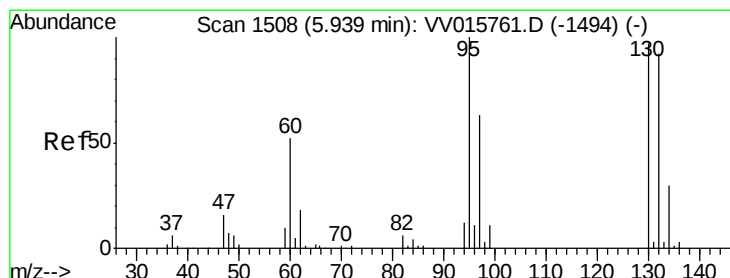
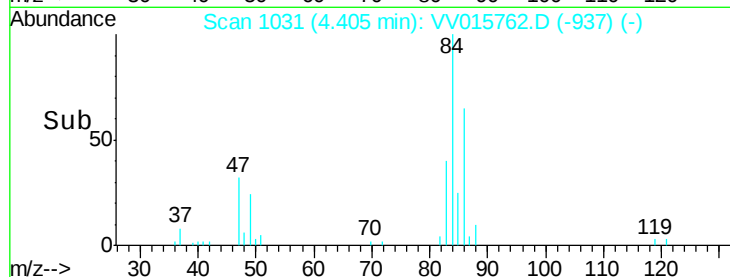
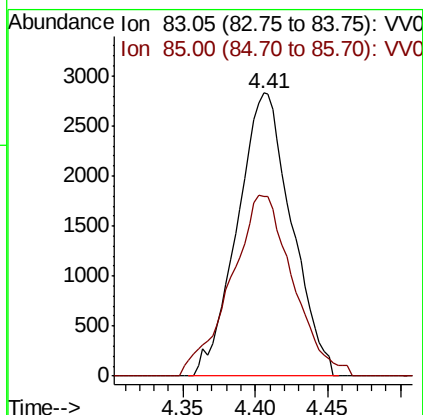
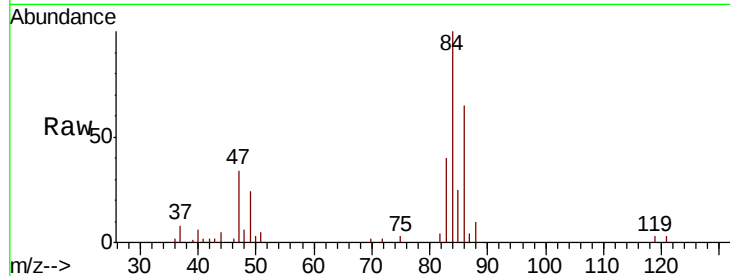




#25
Chloroform
Concen: 0.445 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015762.D
Acq: 28 Apr 2020 21:55

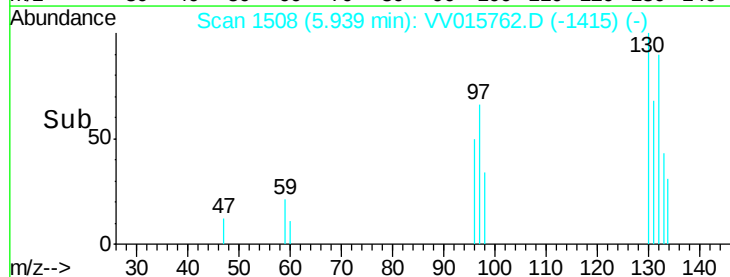
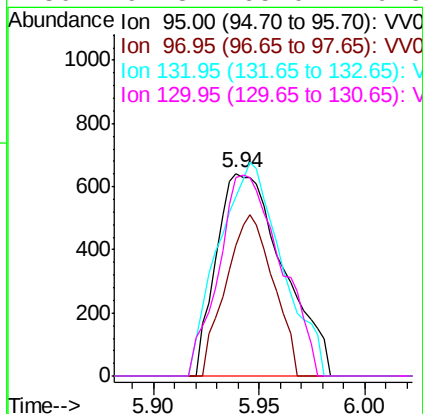
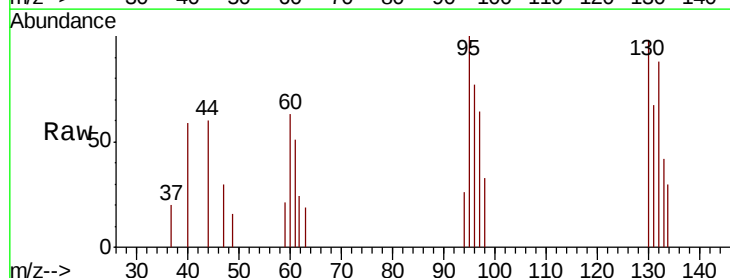
Instrument :
MSVOA_V
ClientSampled :

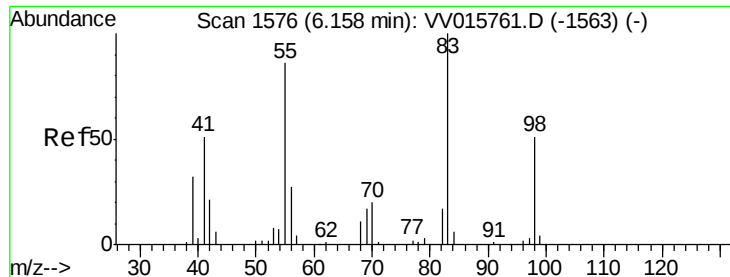
Tot Ion: 83 Resp: 7372
Ion Ratio Lower Upper
83 100
85 63.7 46.1 85.5



#34
Trichloroethene
Concen: 0.148 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015762.D
Acq: 28 Apr 2020 21:55

Tgt Ion: 95 Resp: 1409
Ion Ratio Lower Upper
95 100
97 64.5 44.7 82.9
132 88.5 65.2 121.0
130 97.8 65.0 120.6

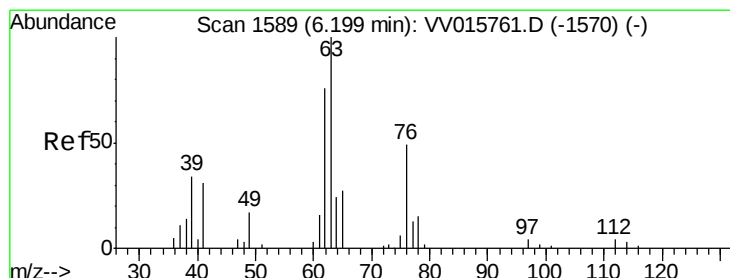
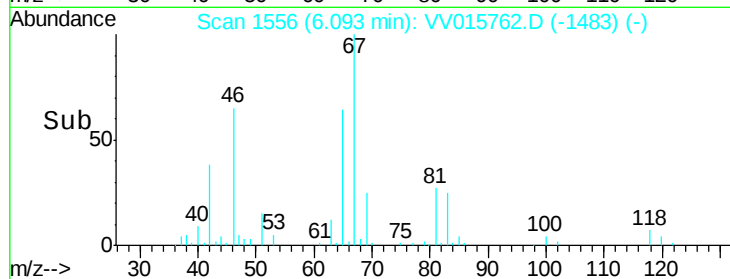
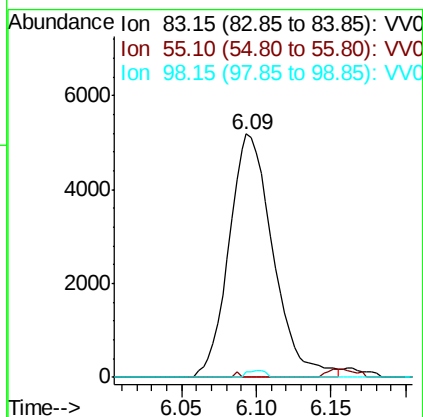
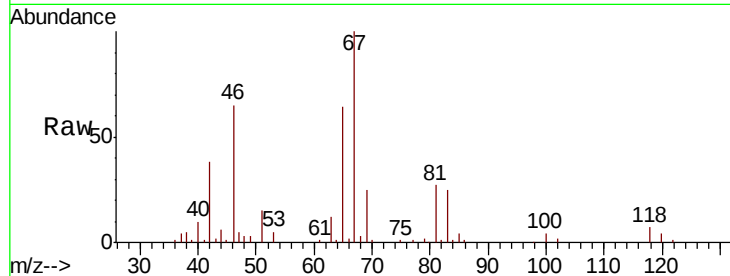




#35
Methvlcvclohexane
Concen: 0.726 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015762.D
Acq: 28 Apr 2020 21:55

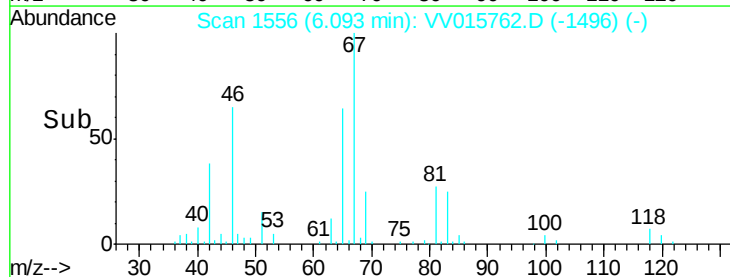
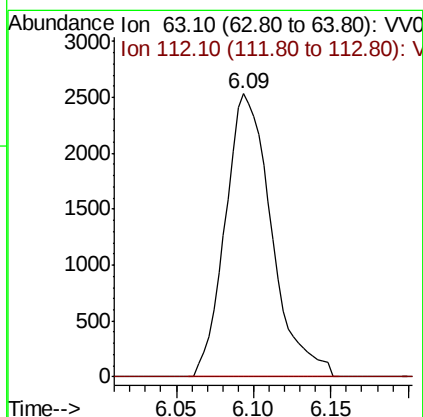
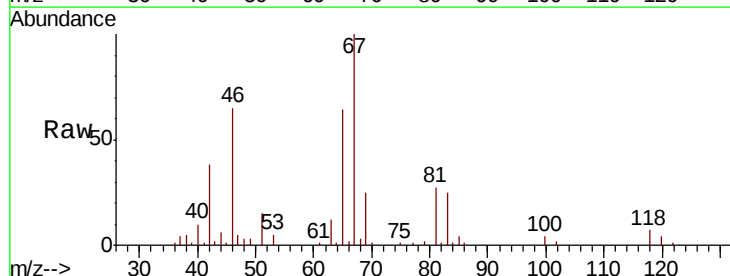
Instrument :
MSVOA_V
ClientSampleId :

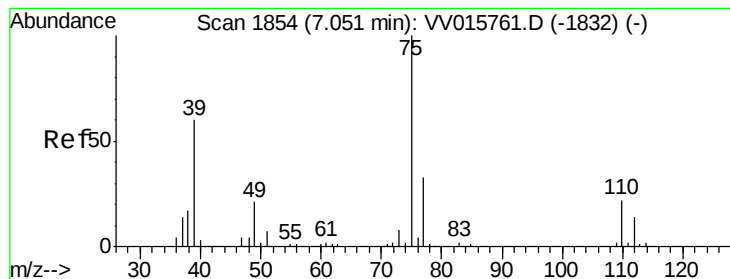
Tot Ion: 83 Resp: 10601
Ion Ratio Lower Upper
83 100
55 0.2 66.6 99.8#
98 1.2 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV015762.D
Acq: 28 Apr 2020 21:55

Tgt Ion: 63 Resp: 5266
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



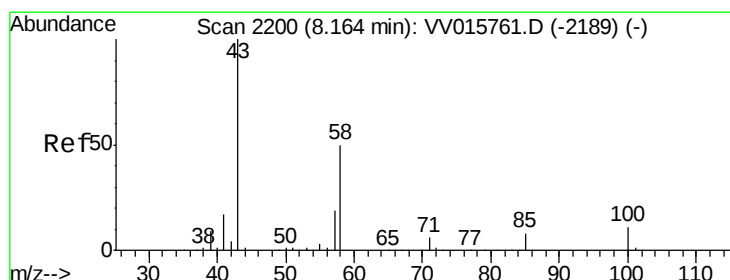
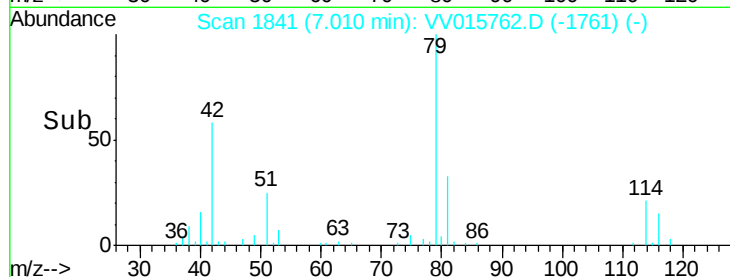
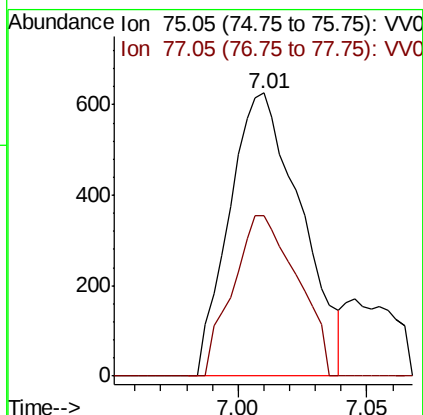
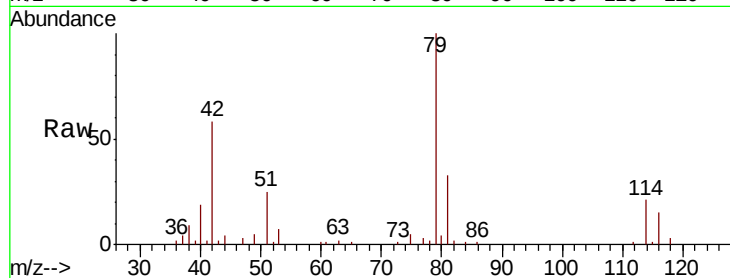


#39

cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015762.D
Acq: 28 Apr 2020 21:55

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 1212
Ion Ratio Lower Upper
75 100
77 56.5 22.3 41.5#



#48

2-Hexanone
Concen: 1.796 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015762.D
Acq: 28 Apr 2020 21:55

Tgt Ion: 43 Resp: 7279
Ion Ratio Lower Upper
43 100
58 30.5 41.1 61.7#
57 15.2 15.0 22.4
100 6.7 9.0 13.4#

