

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015630.D
 Acq On : 22 Apr 2020 18:49
 Operator : SY/MD
 Sample : L2361-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:10:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	128004	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122388	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59977	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33299	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.57	69	32067	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.12	63	51482	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	3.95	46	111613	51.96	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.92%
24) Chloroform-d	4.38	84	76434	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.06	65	45342	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.07	84	148252	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.09	67	46259	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.34	98	135518	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.64	79	15423	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.11	63	89453	50.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33566	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	52665	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

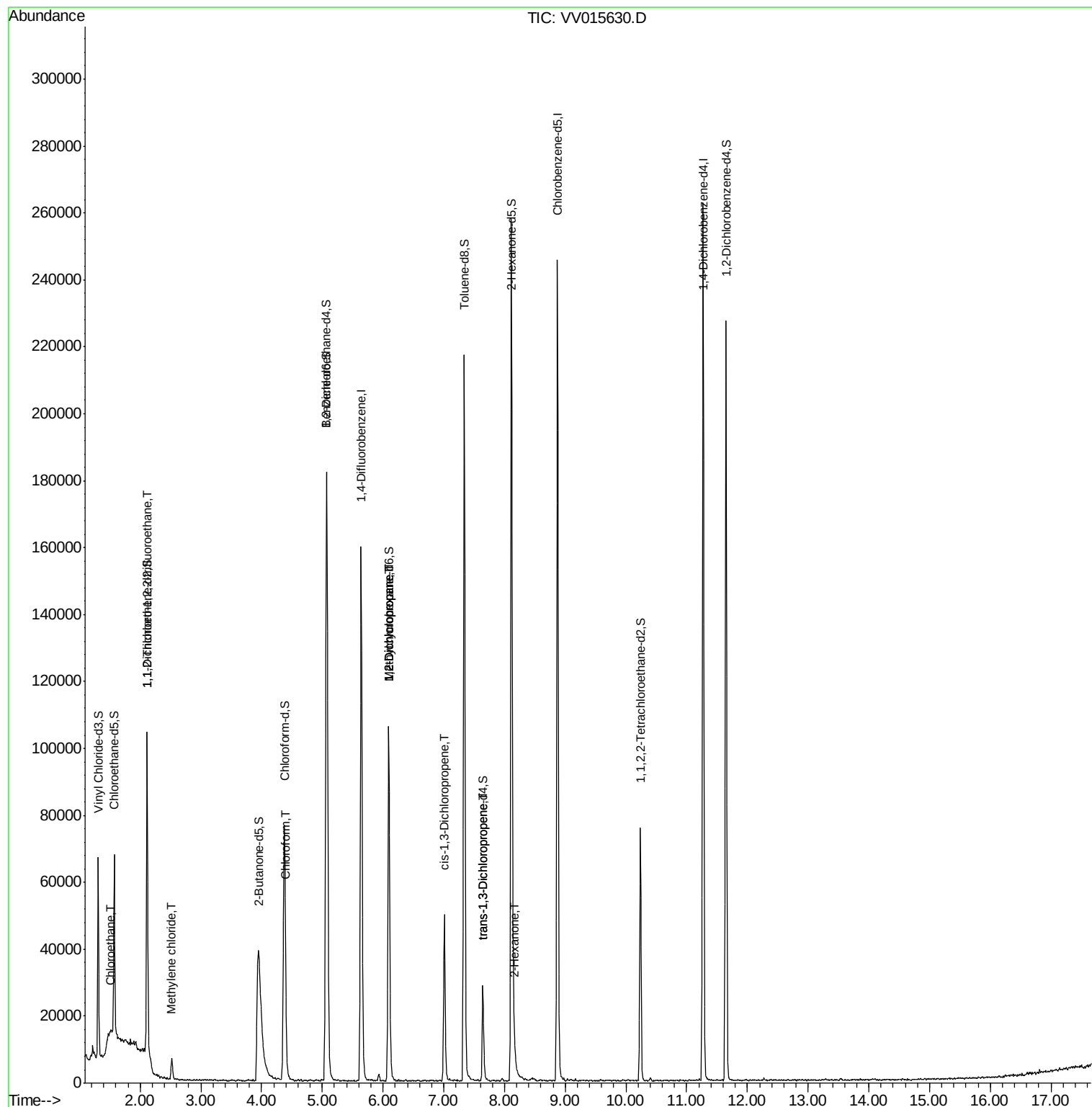
					Ovalue
8) Chloroethane	1.51	64	26312	3.955 ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	589	0.073 ug/L #	22
16) Methylene chloride	2.52	84	2384	0.259 ug/L	98
25) Chloroform	4.40	83	2506	0.144 ug/L	92
35) Methylcyclohexane	6.09	83	11658	0.787 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6307	0.710 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1366	0.110 ug/L #	60
44) trans-1,3-Dichloropropene	7.64	75	768	0.074 ug/L #	61
48) 2-Hexanone	8.17	43	2223	0.540 ug/L #	87

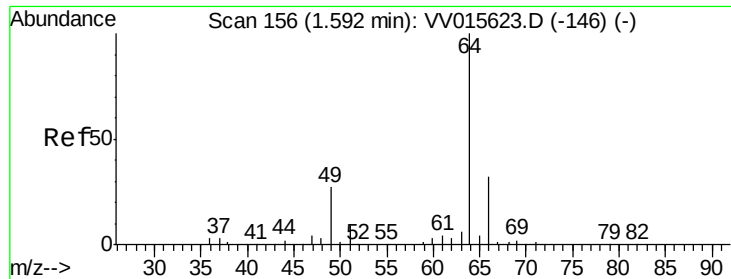
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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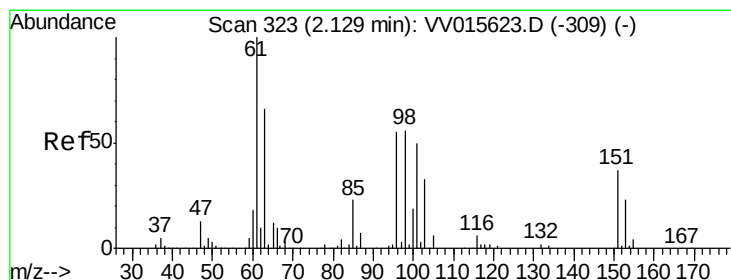
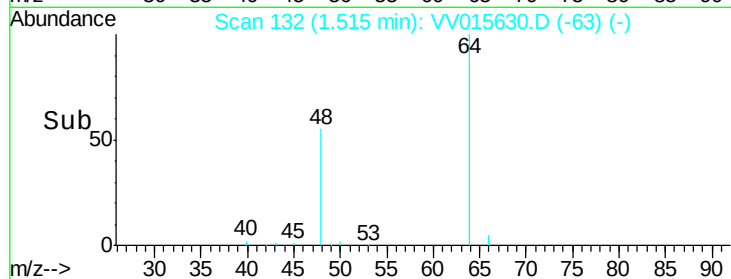
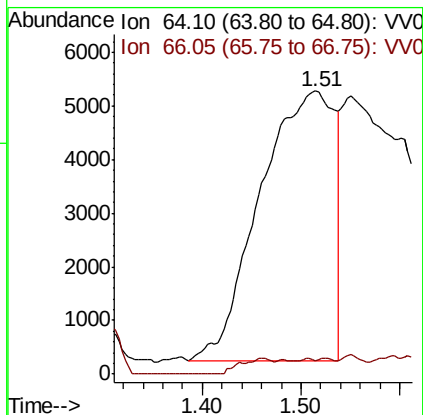
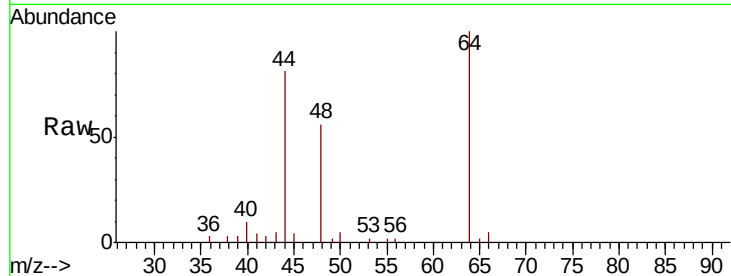




#8
Chloroethane
Concen: 3.955 ug/L
RT: 1.51 min Scan# 132
Delta R.T. -0.08 min
Lab File: VV015630.D
Acq: 22 Apr 2020 18:49

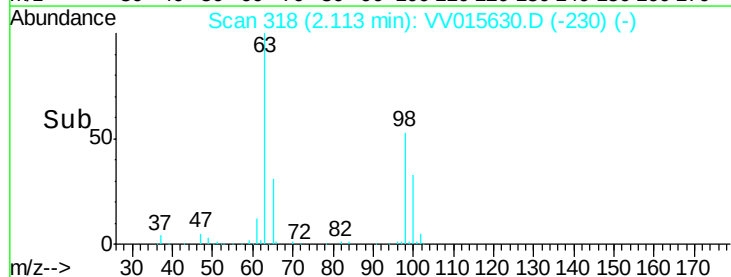
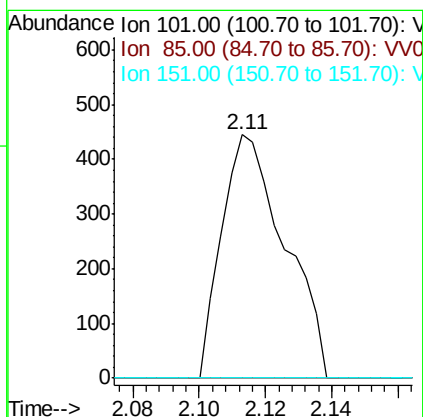
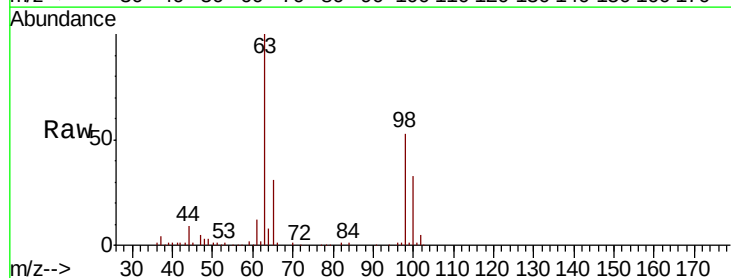
Instrument :
MSVOA_V
ClientSampled :

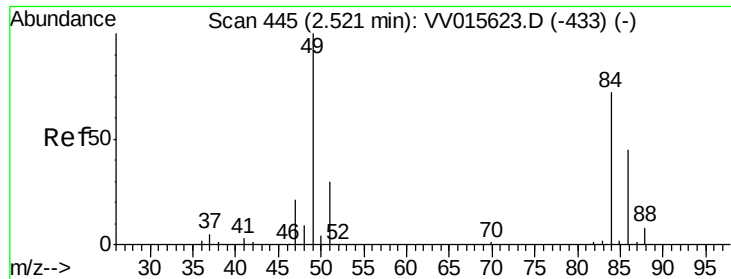
Tot Ion: 64 Resp: 26312
Ion Ratio Lower Upper
64 100
66 4.8 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.02 min
Lab File: VV015630.D
Acq: 22 Apr 2020 18:49

Tgt Ion: 101 Resp: 589
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 55.2 82.8#

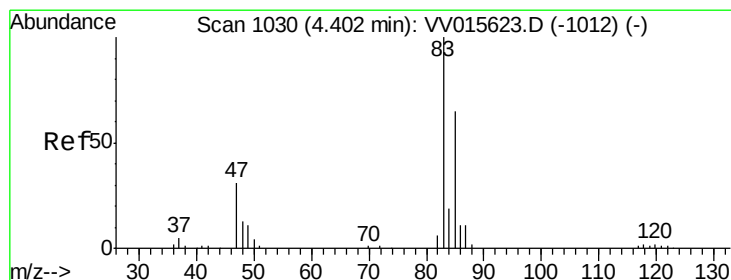
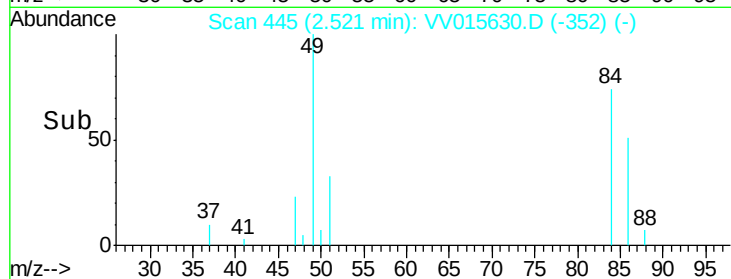
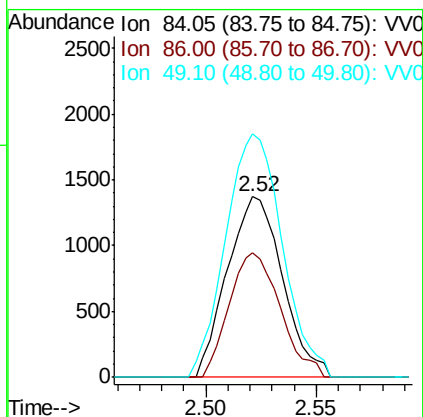
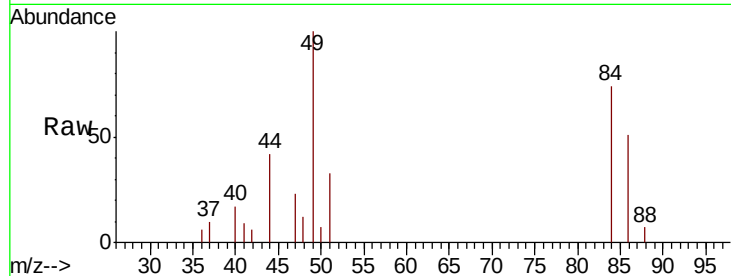




#16
Methylene chloride
Concen: 0.259 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015630.D
Acq: 22 Apr 2020 18:49

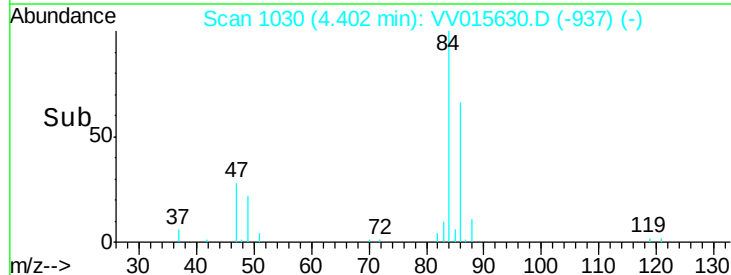
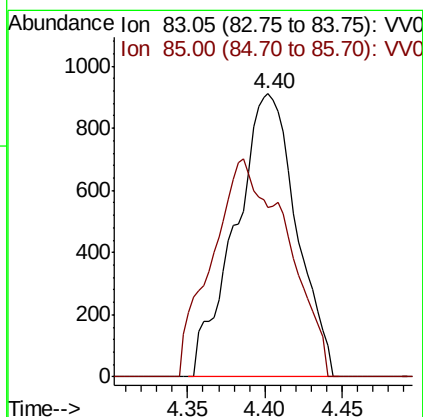
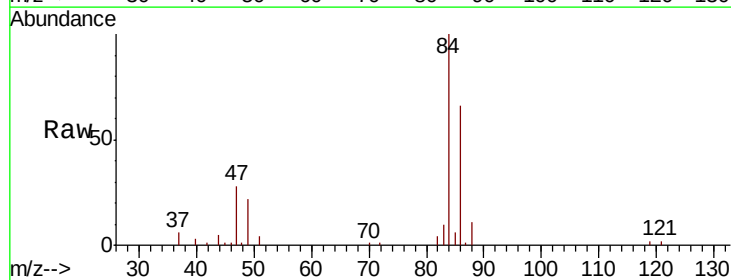
Instrument :
MSVOA_V
ClientSampled :

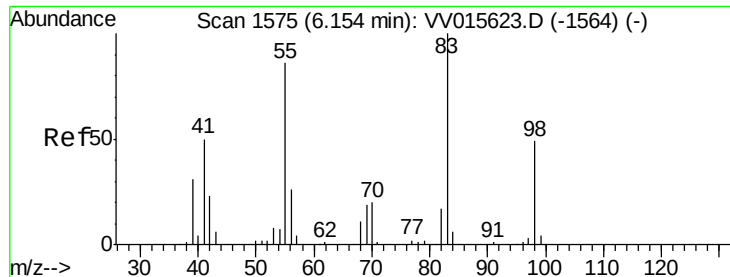
Tot Ion: 84 Resp: 2384
Ion Ratio Lower Upper
84 100
86 69.3 45.1 83.7
49 134.9 94.4 175.4



#25
Chloroform
Concen: 0.144 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015630.D
Acq: 22 Apr 2020 18:49

Tgt Ion: 83 Resp: 2506
Ion Ratio Lower Upper
83 100
85 59.7 46.1 85.5





#35

Methylvlcyclohexane

Concen: 0.787 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015630.D

Acq: 22 Apr 2020 18:49

Instrument :

MSVOA_V

ClientSampleId :

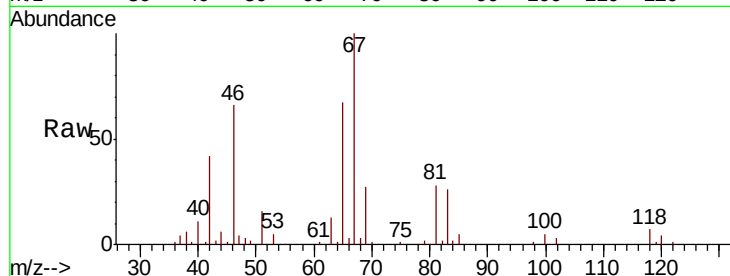
Tot Ion: 83 Resp: 11658

Ion Ratio Lower Upper

83 100

55 0.4 66.6 99.8#

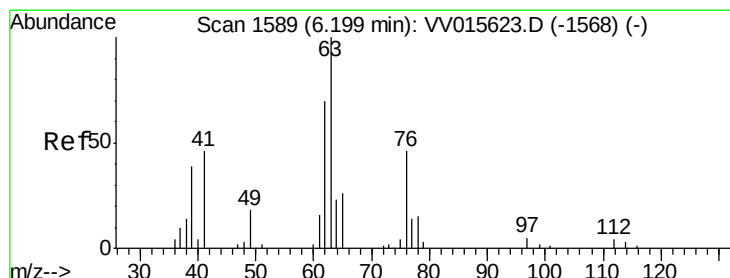
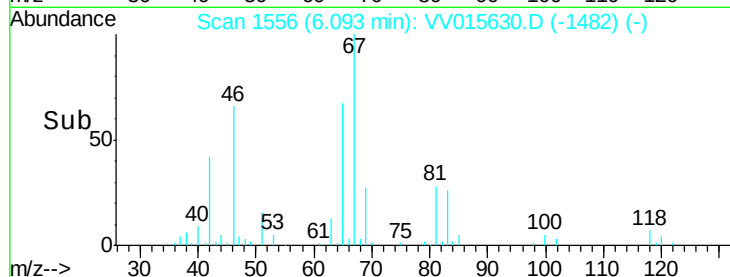
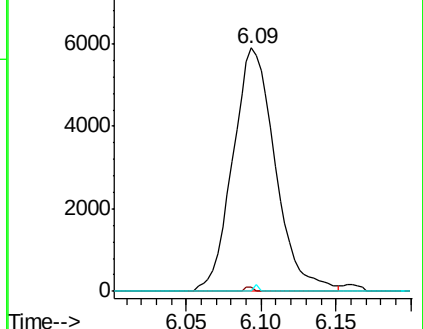
98 0.3 39.5 59.3#



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: 0.710 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015630.D

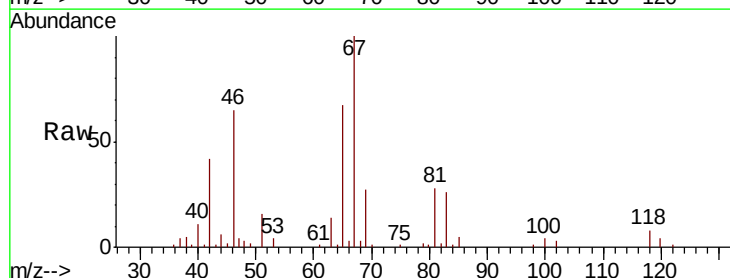
Acq: 22 Apr 2020 18:49

Tgt Ion: 63 Resp: 6307

Ion Ratio Lower Upper

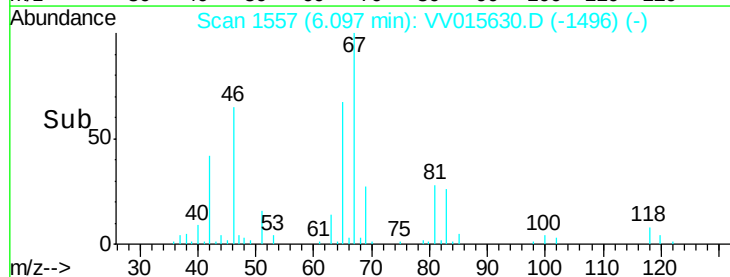
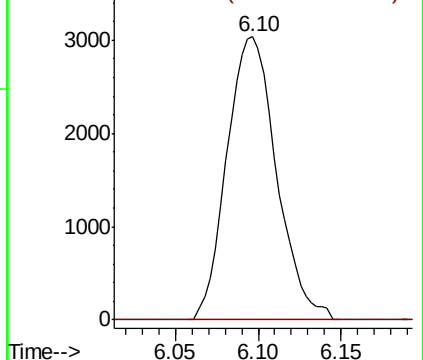
63 100

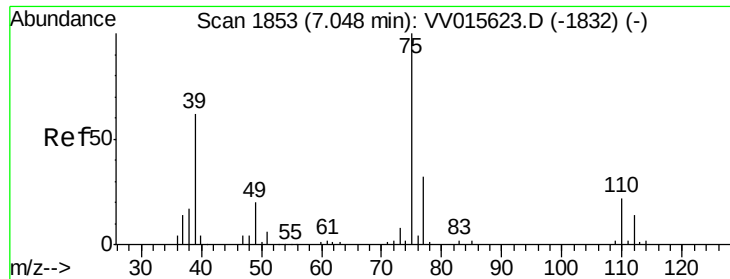
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

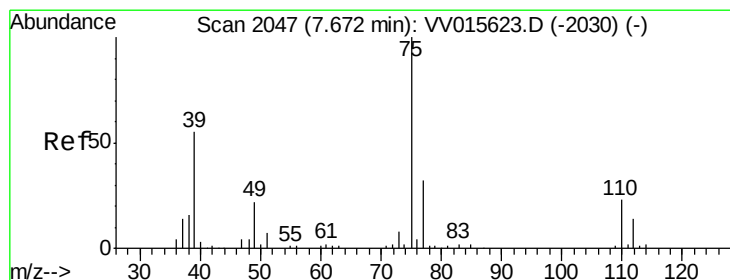
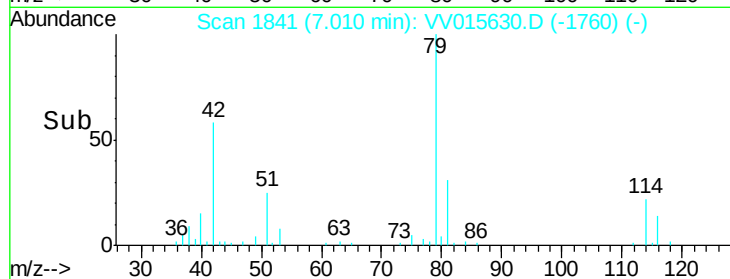
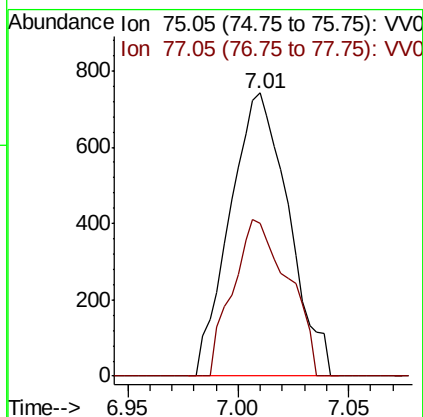
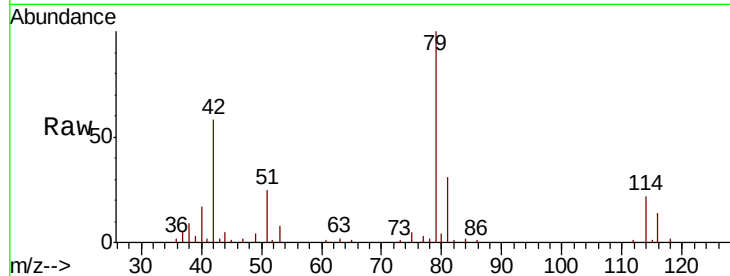




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015630.D
 Acq: 22 Apr 2020 18:49

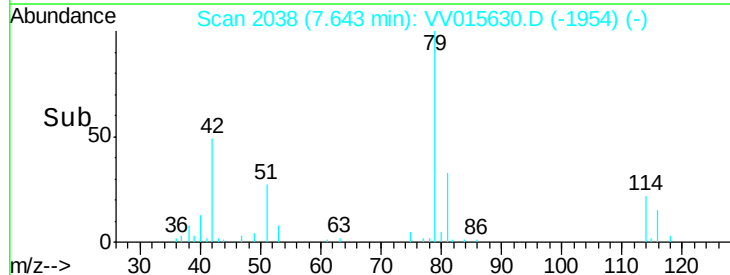
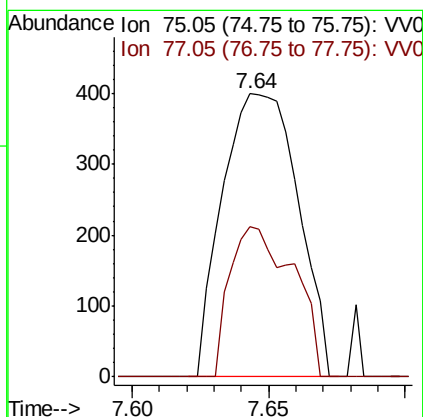
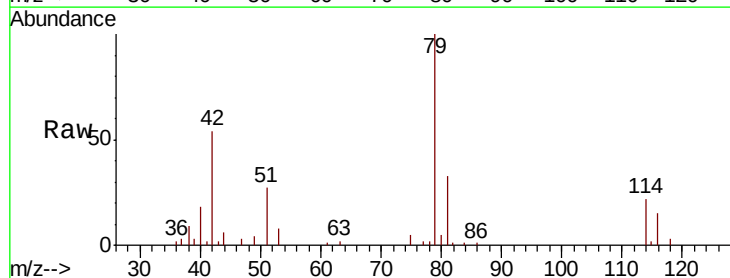
Instrument :
 MSVOA_V
 ClientSampleId :

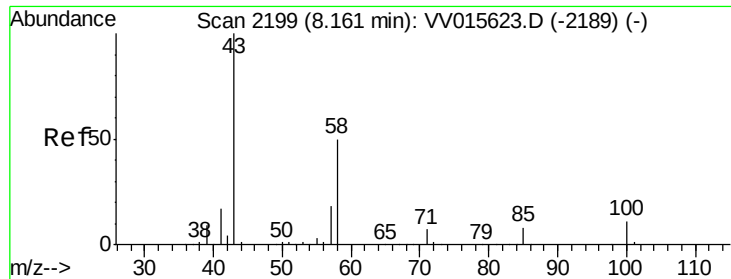
Tot Ion: 75 Resp: 1366
 Ion Ratio Lower Upper
 75 100
 77 53.9 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015630.D
 Acq: 22 Apr 2020 18:49

Tgt Ion: 75 Resp: 768
 Ion Ratio Lower Upper
 75 100
 77 52.9 21.8 40.6#

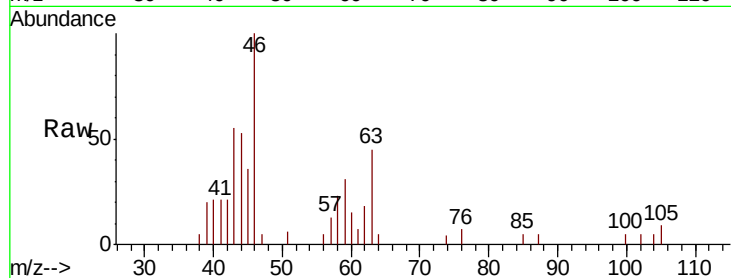




#48
 2-Hexanone
 Concen: 0.540 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV015630.D
 Acq: 22 Apr 2020 18:49

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 2223
 Ion Ratio Lower Upper
 43 100
 58 51.6 41.1 61.7
 57 0.0 15.0 22.4#
 100 1.9 9.0 13.4#



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

