

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015641.D
 Acq On : 22 Apr 2020 23:07
 Operator : SY/MD
 Sample : L2370-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:12:29 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	130529	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57432	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33297	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.58	69	32036	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.12	63	51922	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.91	46	97897	44.70	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.40%
24) Chloroform-d	4.38	84	74618	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.06	65	42761	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.08	84	141611	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.09	67	44748	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.34	98	127442	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.65	79	11748	3.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.20%
46) 2-Hexanone-d5	8.11	63	74512	41.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30827	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	47593	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

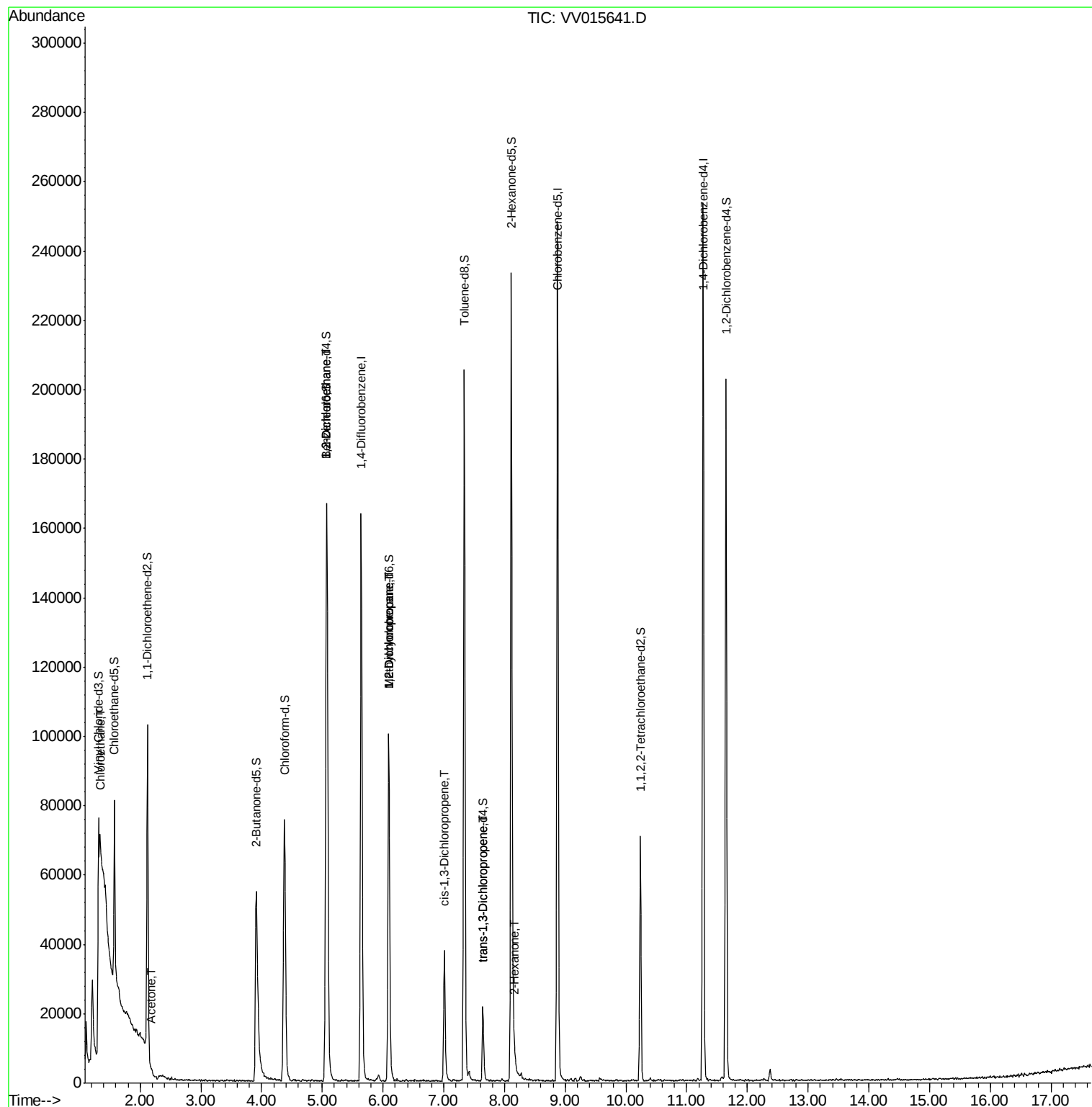
					Ovalue
8) Chloroethane	1.34	64	136953	20.186	ug/L # 51
13) Acetone	2.19	43	1843	1.212	ug/L 92
27) 1,2-Dichloroethane	5.07	62	656	0.056	ug/L # 78
35) Methylcyclohexane	6.09	83	11427	0.760	ug/L # 16
37) 1,2-Dichloropropane	6.10	63	5470	0.606	ug/L # 86
39) cis-1,3-Dichloropropene	7.01	75	1185	0.094	ug/L # 79
44) trans-1,3-Dichloropropene	7.65	75	698	0.066	ug/L 91
48) 2-Hexanone	8.17	43	2854	0.684	ug/L # 82

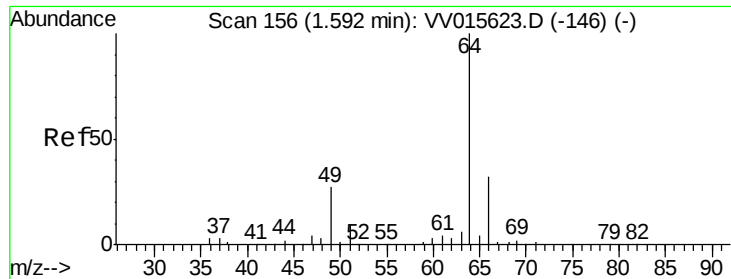
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 20.186 ug/L

RT: 1.34 min Scan# 77

Delta R.T. -0.25 min

Lab File: VV015641.D

Acq: 22 Apr 2020 23:07

Instrument :

MSVOA_V

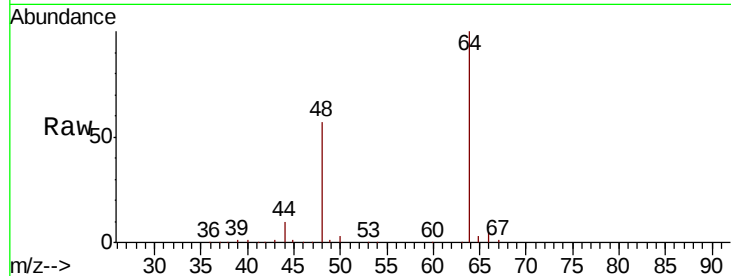
ClientSampleId :

Tot Ion: 64 Resp: 136953

Ion Ratio Lower Upper

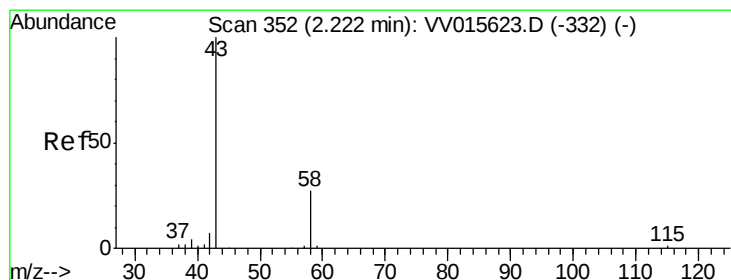
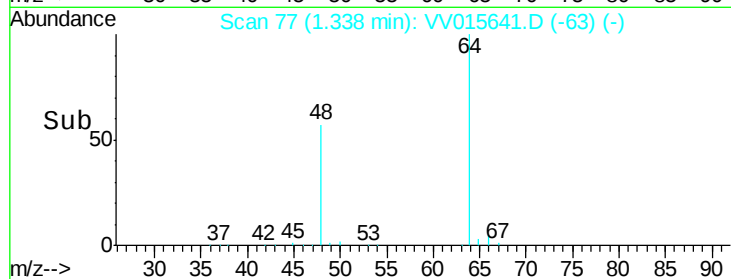
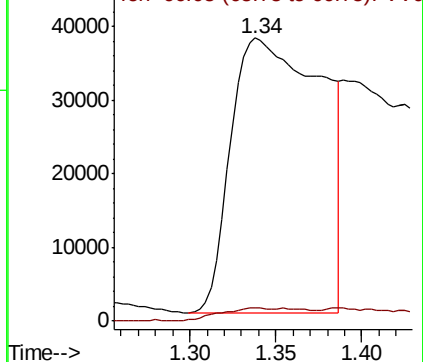
64 100

66 4.6 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: 1.212 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV015641.D

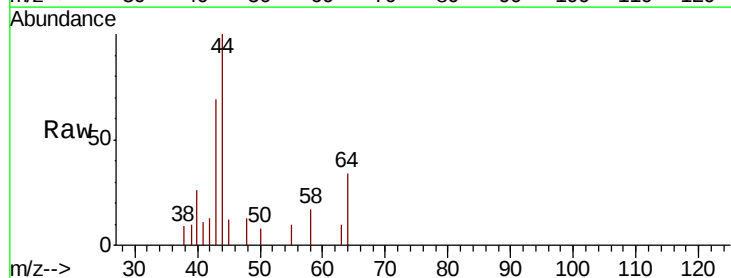
Acq: 22 Apr 2020 23:07

Tgt Ion: 43 Resp: 1843

Ion Ratio Lower Upper

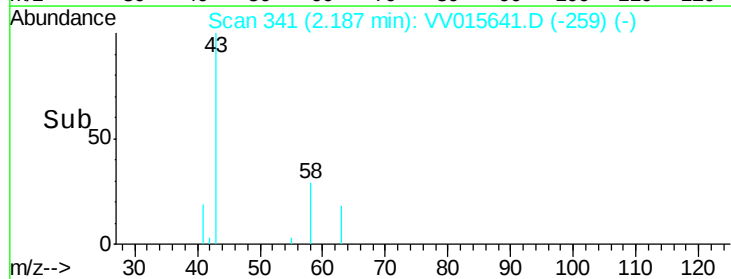
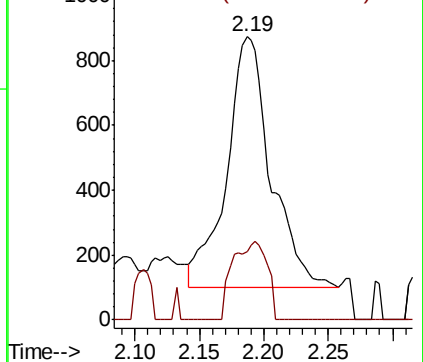
43 100

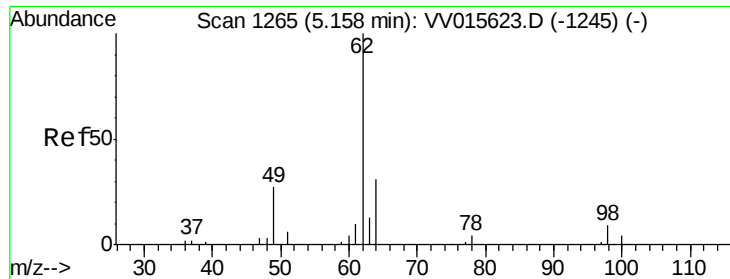
58 24.3 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

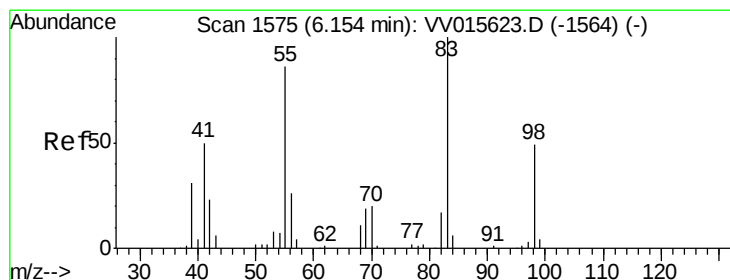
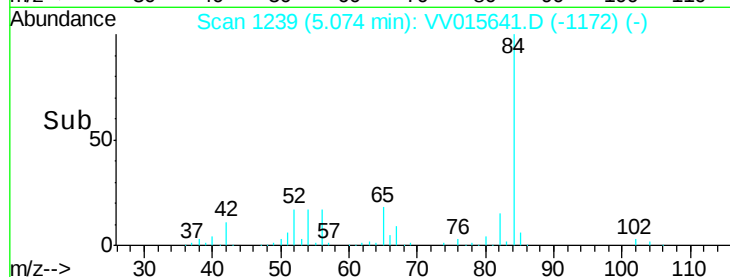
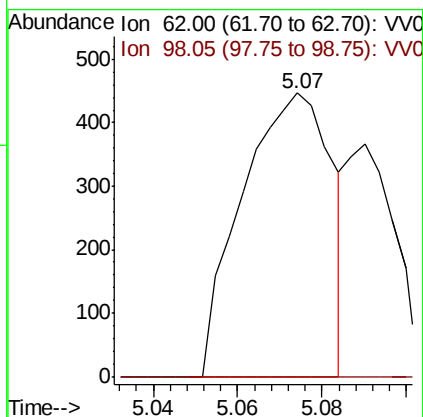
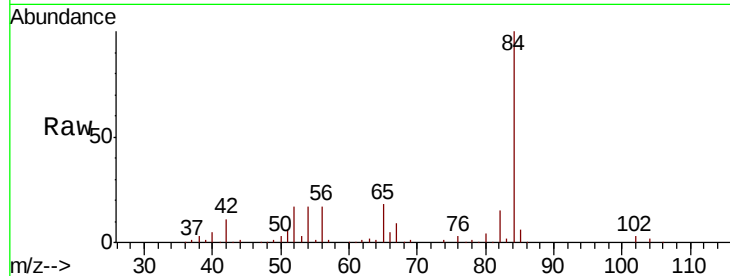




#27
 1,2-Dichloroethane
 Concen: 0.056 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV015641.D
 Acq: 22 Apr 2020 23:07

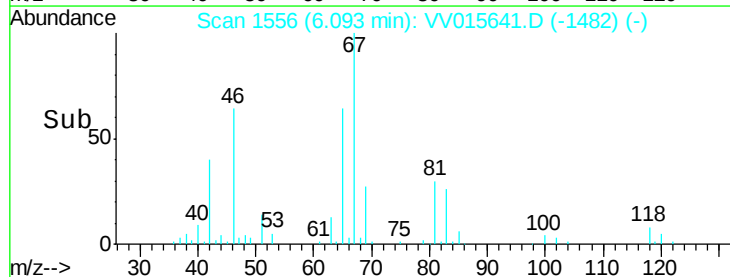
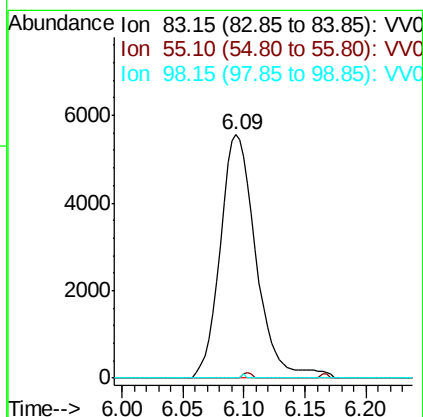
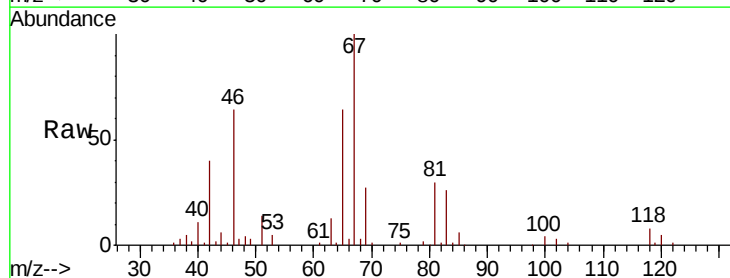
Instrument :
 MSVOA_V
 ClientSampleId :

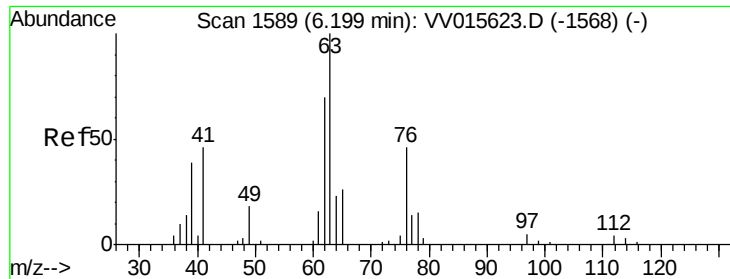
Tot Ion: 62 Resp: 656
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 0.760 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015641.D
 Acq: 22 Apr 2020 23:07

Tgt Ion: 83 Resp: 11427
 Ion Ratio Lower Upper
 83 100
 55 0.6 66.6 99.8#
 98 0.2 39.5 59.3#

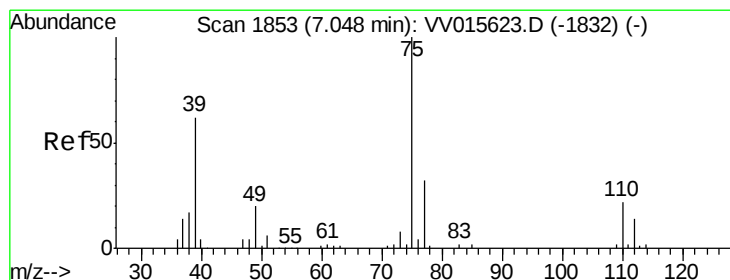
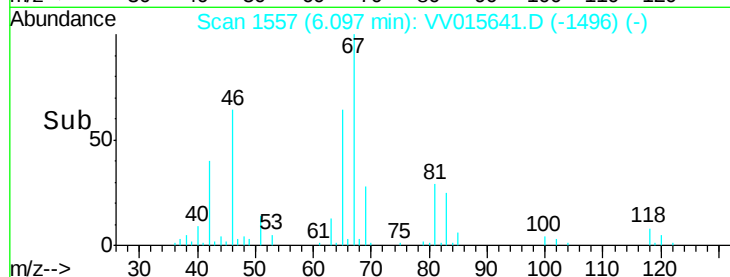
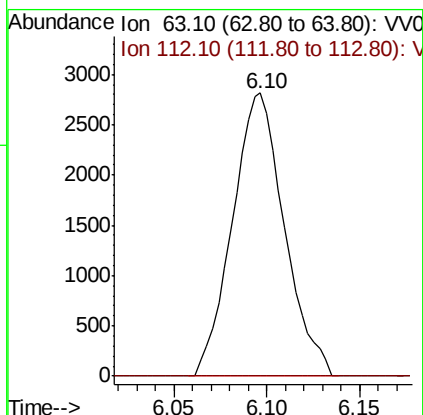
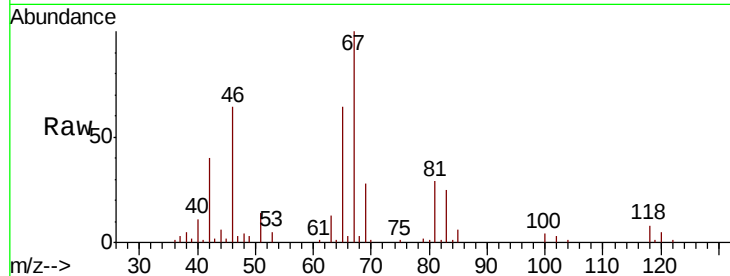




#37
 1,2-Dichloropropane
 Concen: 0.606 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015641.D
 Acq: 22 Apr 2020 23:07

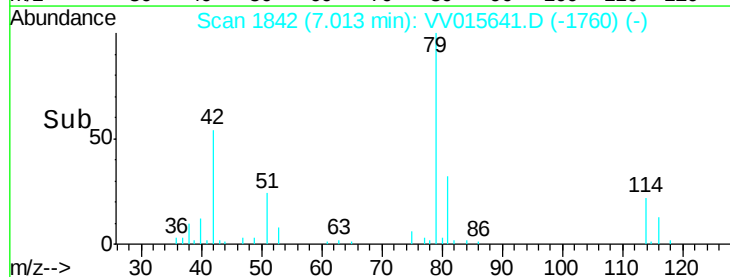
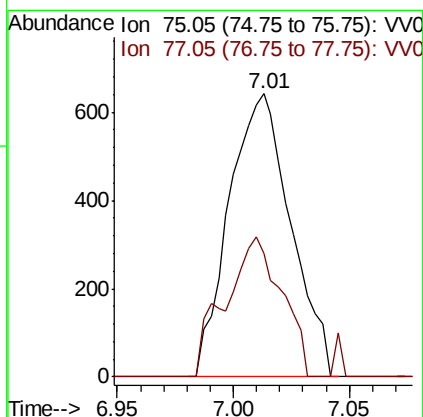
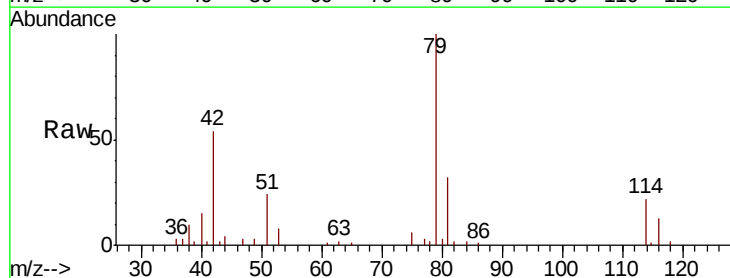
Instrument :
 MSVOA_V
 ClientSampleId :

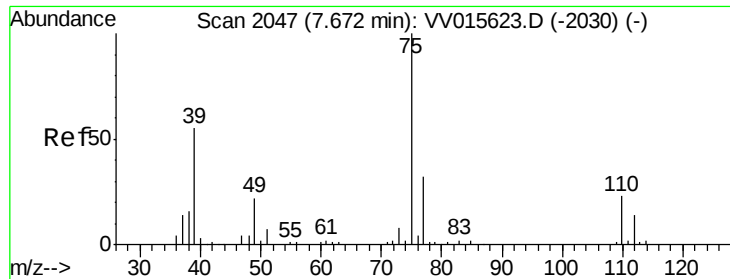
Tot Ion: 63 Resp: 5470
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015641.D
 Acq: 22 Apr 2020 23:07

Tgt Ion: 75 Resp: 1185
 Ion Ratio Lower Upper
 75 100
 77 43.5 22.3 41.5#

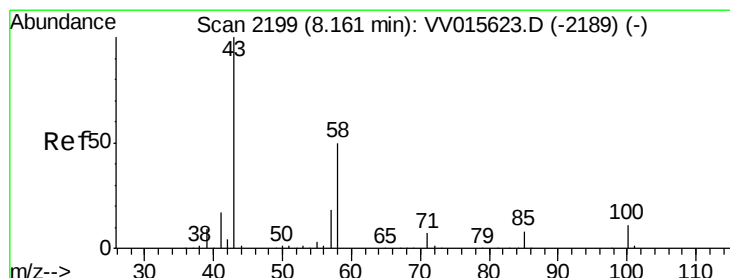
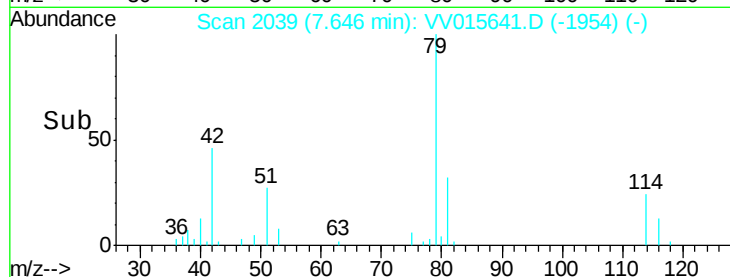
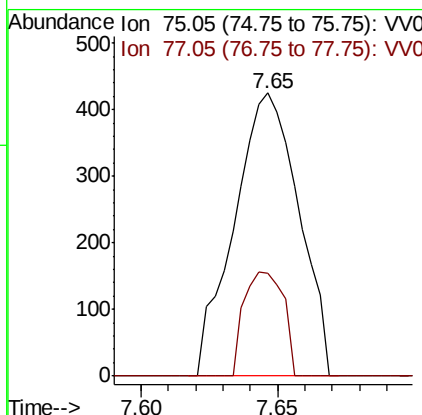
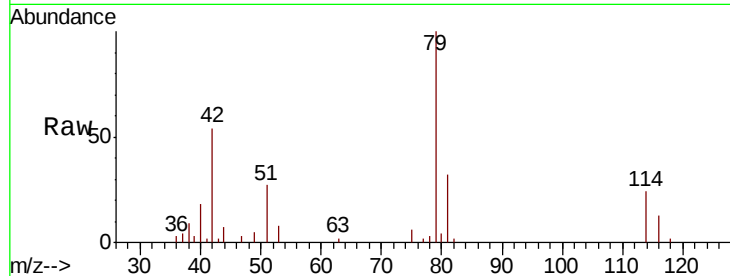




#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015641.D
Acq: 22 Apr 2020 23:07

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 698
Ion Ratio Lower Upper
75 100
77 36.2 21.8 40.6



#48
2-Hexanone
Concen: 0.684 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015641.D
Acq: 22 Apr 2020 23:07

Tgt Ion: 43 Resp: 2854
Ion Ratio Lower Upper
43 100
58 36.2 41.1 61.7#
57 20.1 15.0 22.4
100 1.4 9.0 13.4#

