

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051520\
 Data File : VV016084.D
 Acq On : 15 May 2020 13:11
 Operator : SY/MD
 Sample : L2661-04DL 40X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 16 01:45:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	167018	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164937	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76450	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38451	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.58	69	40050	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.12	63	60707	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.96	46	120712	46.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.40%
24) Chloroform-d	4.38	84	86217	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.06	65	51021	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.07	84	170009	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.09	67	55066	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.34	98	149823	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
45) trans-1,3-Dichloropropene-	7.64	79	18540	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
48) 2-Hexanone-d5	8.12	63	92847	44.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38526	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	55801	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

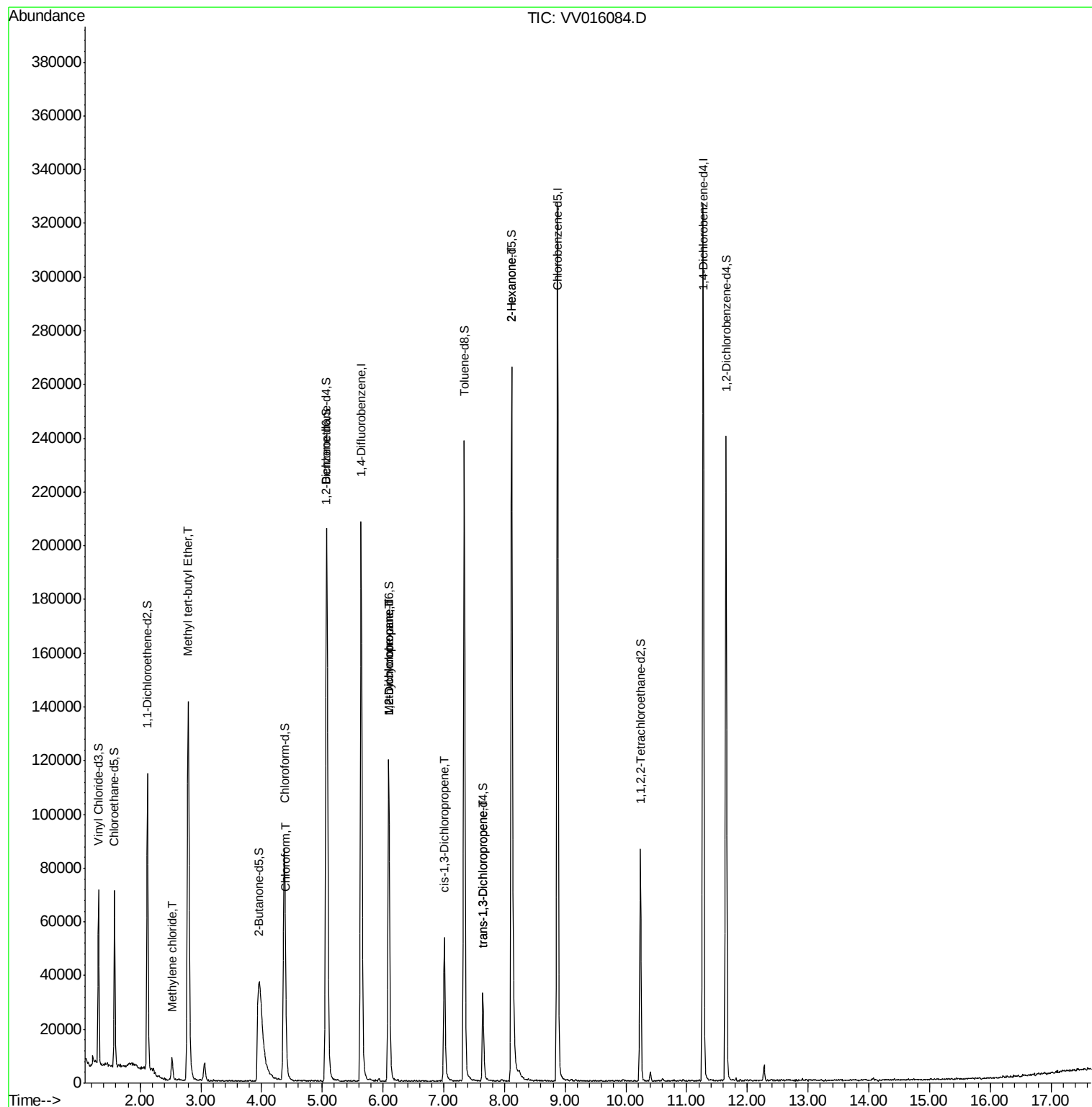
					Ovalue
16) Methylene chloride	2.53	84	3458	0.314	ug/L 89
17) Methyl tert-butyl Ether	2.79	73	143272	5.999	ug/L 99
25) Chloroform	4.40	83	6298	0.292	ug/L 99
35) Methylcyclohexane	6.09	83	13625	0.760	ug/L # 17
37) 1,2-Dichloropropane	6.10	63	6857	0.650	ug/L # 88
39) cis-1,3-Dichloropropene	7.01	75	1594	0.107	ug/L # 71
46) trans-1,3-Dichloropropene	7.64	75	930	0.074	ug/L 98
50) 2-Hexanone	8.12	43	15273	3.287	ug/L # 72

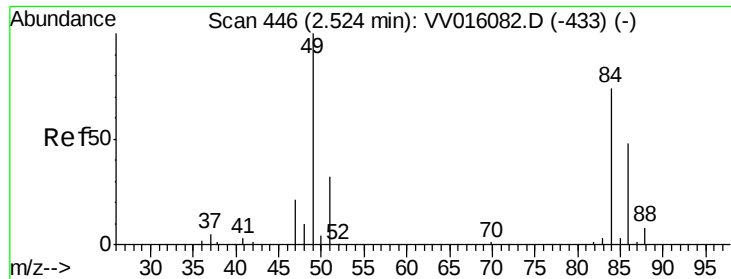
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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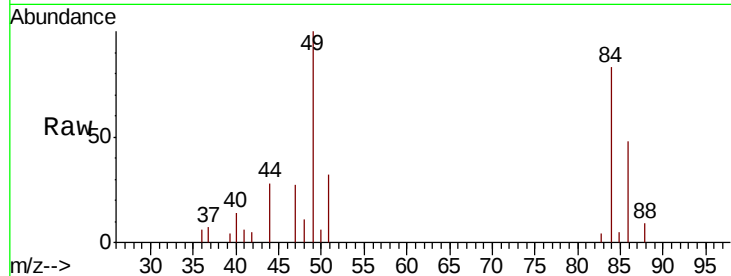




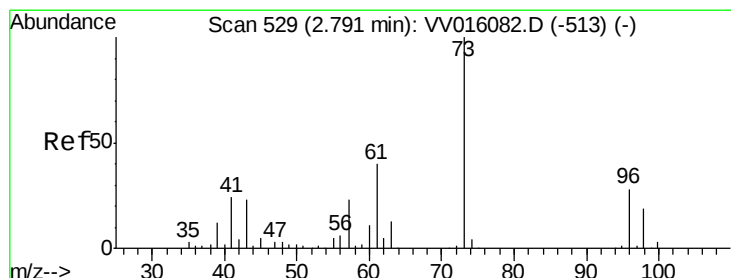
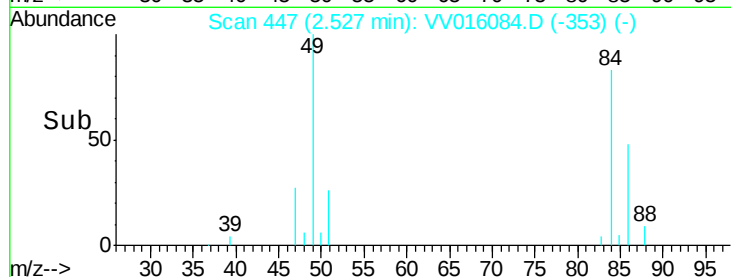
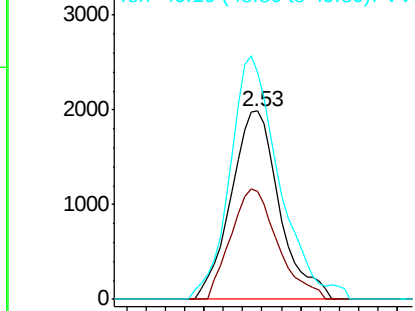
#16
Methylene chloride
Concen: 0.314 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV016084.D
Acq: 15 May 2020 13:11

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 3458
Ion Ratio Lower Upper
84 100
86 57.3 45.6 84.8
49 120.2 93.6 173.8

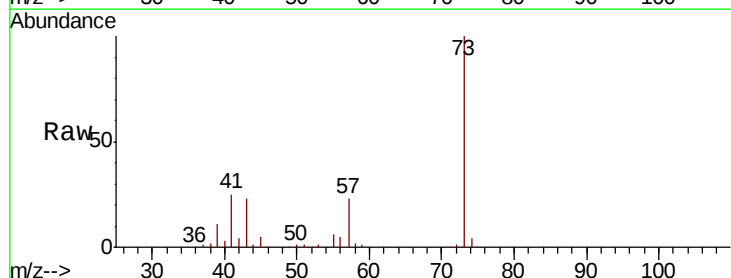


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

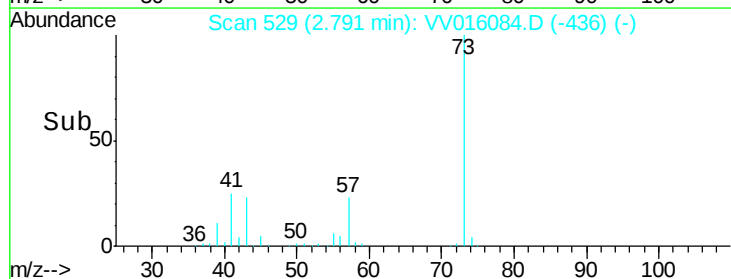
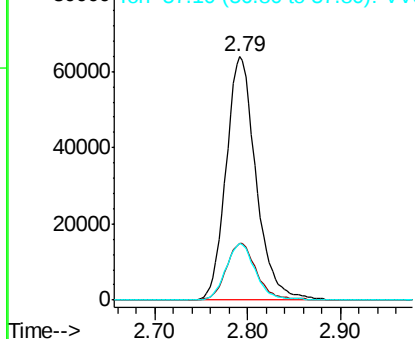


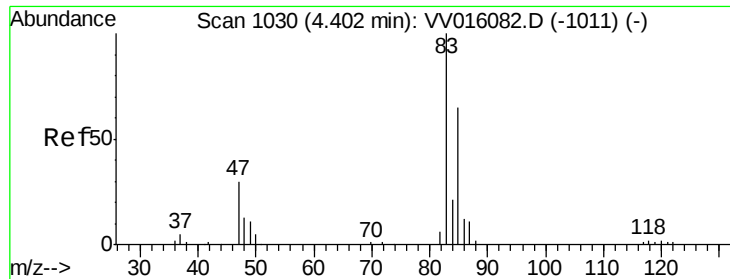
#17
Methyl tert-butyl Ether
Concen: 5.999 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV016084.D
Acq: 15 May 2020 13:11

Tgt Ion: 73 Resp: 143272
Ion Ratio Lower Upper
73 100
43 23.8 18.8 28.2
57 23.1 17.8 26.6



Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

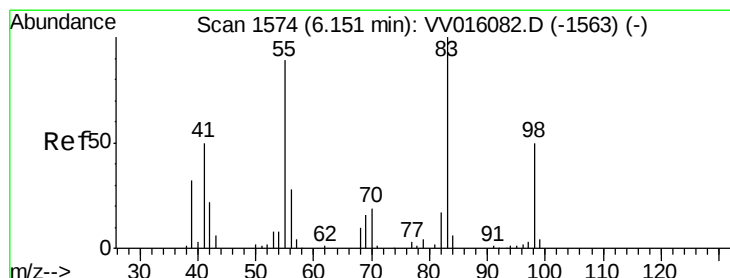
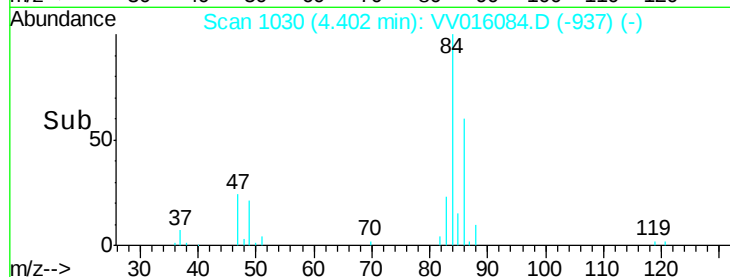
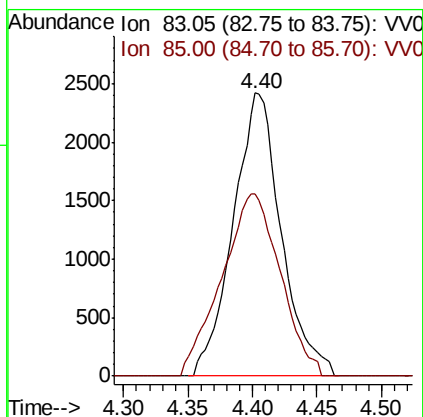
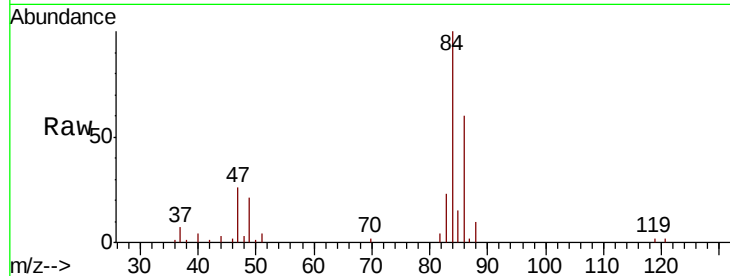




#25
Chloroform
Concen: 0.292 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV016084.D
Acq: 15 May 2020 13:11

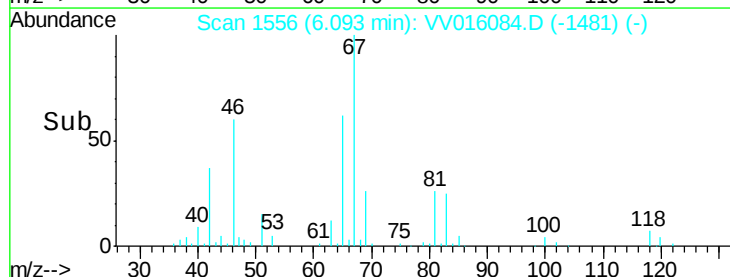
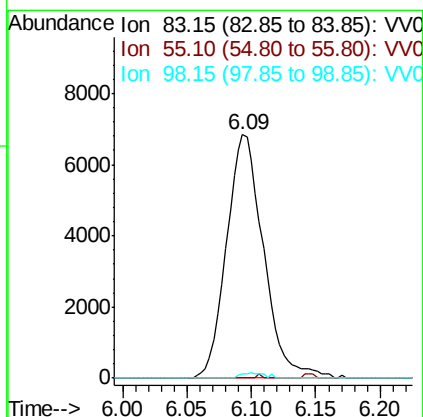
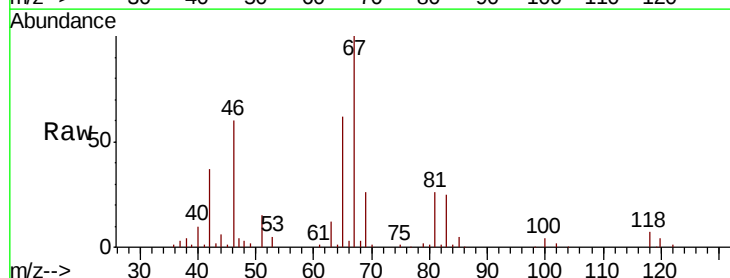
Instrument :
MSVOA_V
ClientSampled :

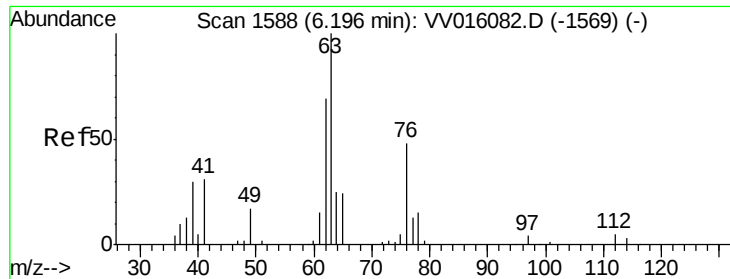
Tot Ion: 83 Resp: 6298
Ion Ratio Lower Upper
83 100
85 64.3 45.7 84.9



#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016084.D
Acq: 15 May 2020 13:11

Tgt Ion: 83 Resp: 13625
Ion Ratio Lower Upper
83 100
55 0.2 66.2 99.2#
98 1.4 37.9 56.9#

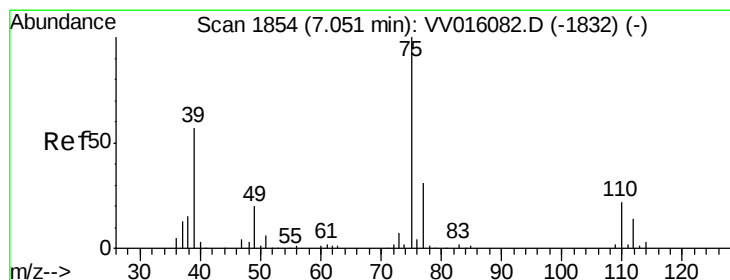
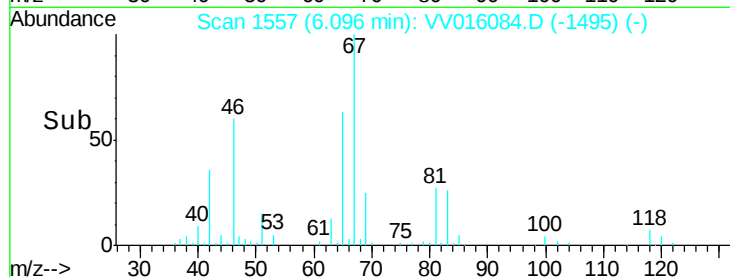
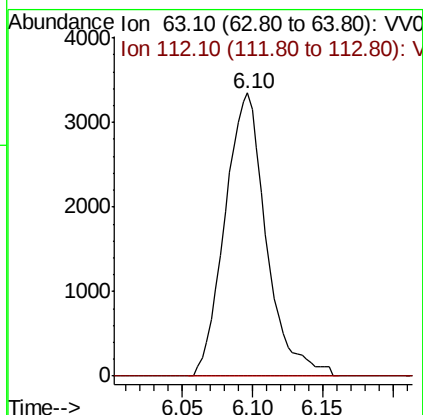
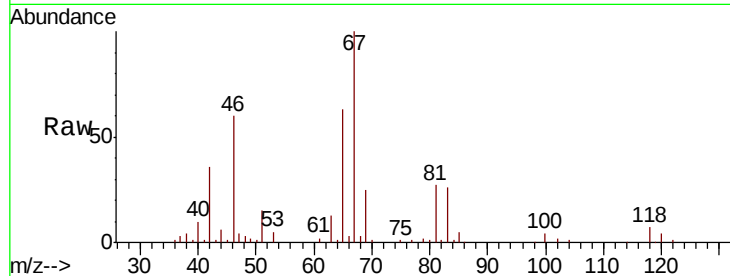




#37
 1,2-Dichloropropane
 Concen: 0.650 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016084.D
 Acq: 15 May 2020 13:11

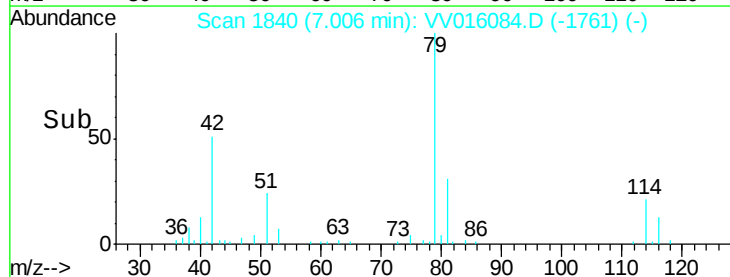
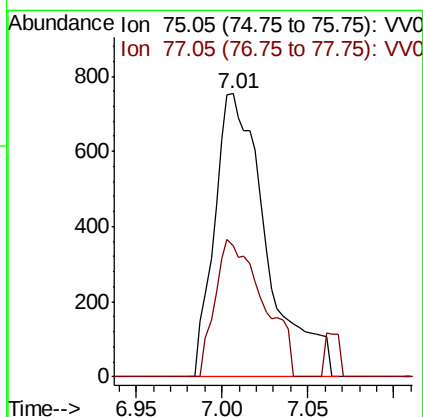
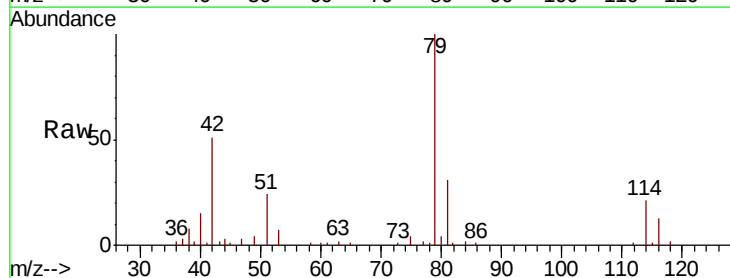
Instrument :
 MSVOA_V
 ClientSampleId :

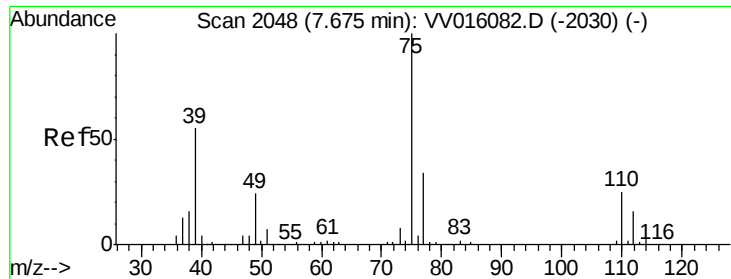
Tot Ion: 63 Resp: 6857
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.05 min
 Lab File: VV016084.D
 Acq: 15 May 2020 13:11

Tgt Ion: 75 Resp: 1594
 Ion Ratio Lower Upper
 75 100
 77 46.1 21.3 39.5#

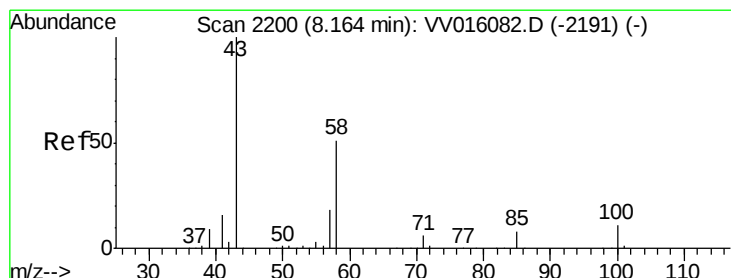
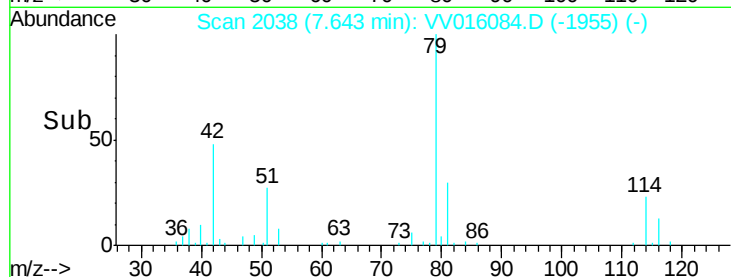
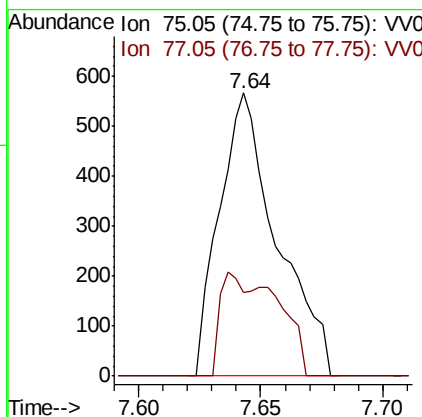
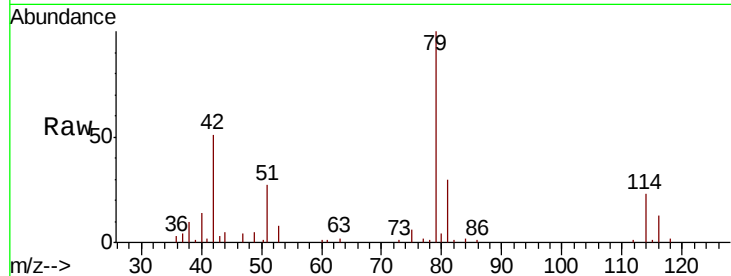




#46
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016084.D
Acq: 15 May 2020 13:11

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 930
Ion Ratio Lower Upper
75 100
77 29.6 21.3 39.6



#50
2-Hexanone
Concen: 3.287 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016084.D
Acq: 15 May 2020 13:11

Tgt Ion: 43 Resp: 15273
Ion Ratio Lower Upper
43 100
58 29.4 40.8 61.2#
57 27.5 14.7 22.1#
100 1.1 9.0 13.6#

