

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\
 Data File : VV018397.D
 Acq On : 22 Sep 2020 15:44
 Operator : SY/MD
 Sample : L4092-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Sep 23 05:58:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 05:49:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268633	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	263357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124850	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90211	41.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.42%
7) Chloroethane-d5	1.58	69	78510	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.66%
11) 1,1-Dichloroethene-d2	2.12	63	131242	32.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.36%
21) 2-Butanone-d5	3.92	46	120906	90.23	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.23%
24) Chloroform-d	4.38	84	169663	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
26) 1,2-Dichloroethane-d4	5.06	65	114644	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
32) Benzene-d6	5.08	84	336672	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
36) 1,2-Dichloropropane-d6	6.09	67	110260	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.06%
41) Toluene-d8	7.34	98	293525	42.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.44%
43) trans-1,3-Dichloropropene-	7.64	79	48548	39.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.76%
47) 2-Hexanone-d5	8.11	63	75339	83.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131389	43.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	123747	48.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.52%

Target Compounds

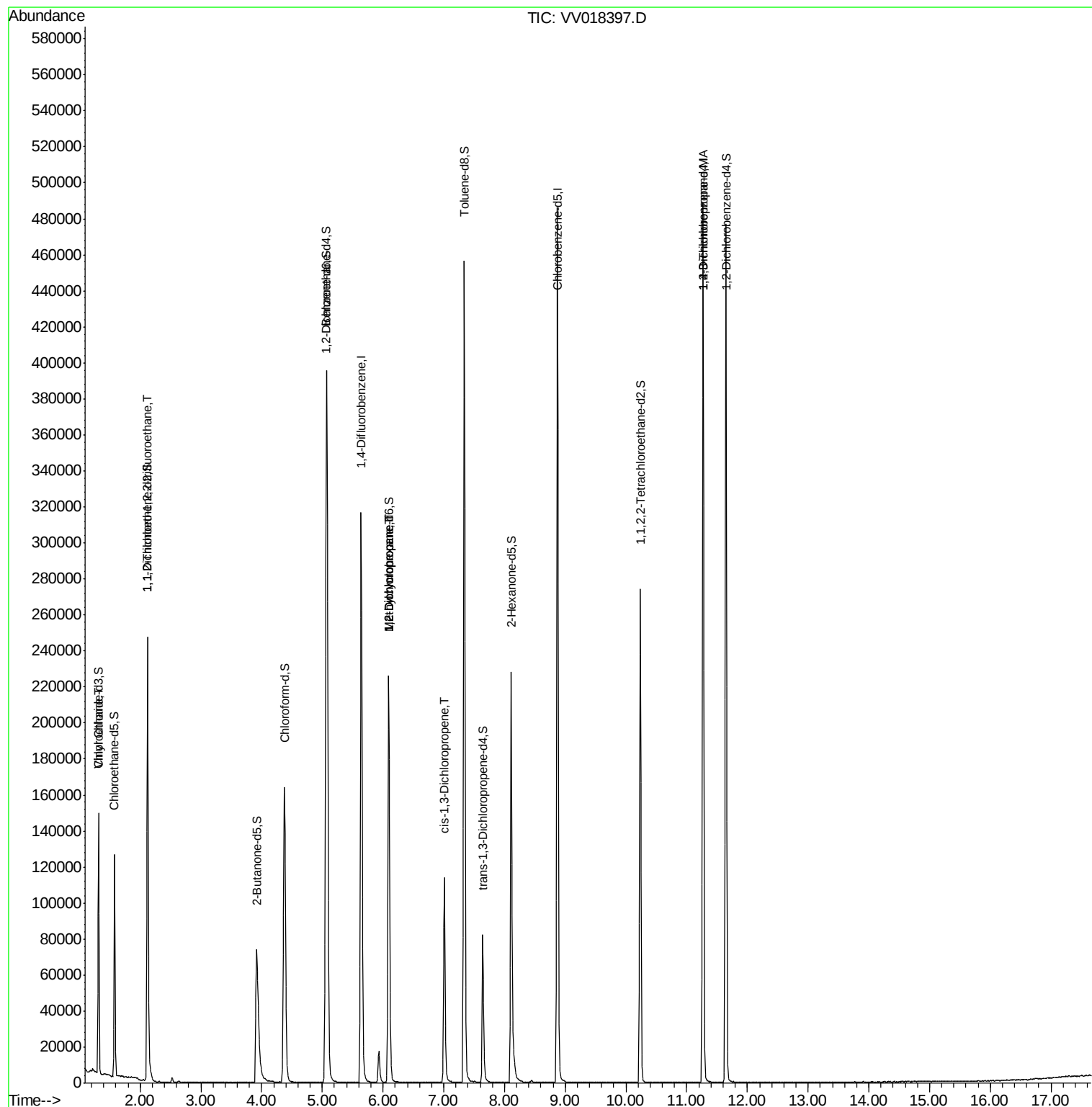
					Ovalue
8) Chloroethane	1.32	64	1129	0.822	ug/L # 1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1237	0.682	ug/L # 19
35) Methylcyclohexane	6.09	83	26651	8.629	ug/L # 17
37) 1,2-Dichloropropane	6.09	63	12317	6.173	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	2797	0.910	ug/L # 57
59) 1,2,3-Trichloropropane	11.27	75	13984	5.959	ug/L 92

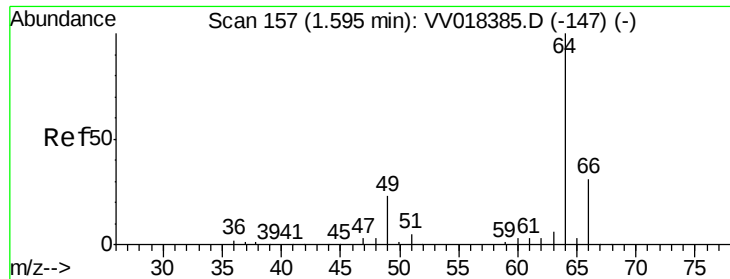
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 05:49:41 2020
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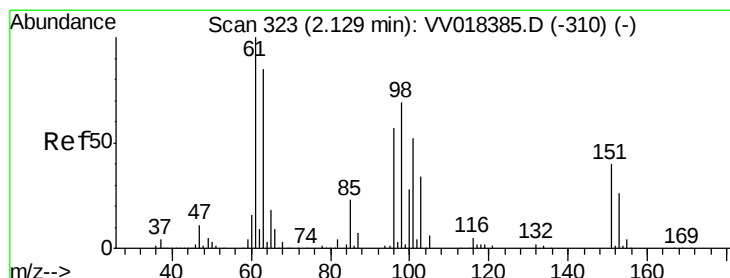
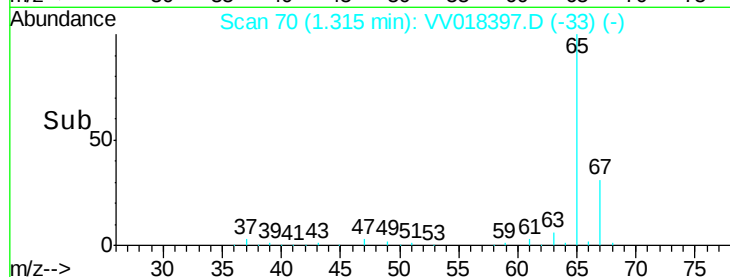
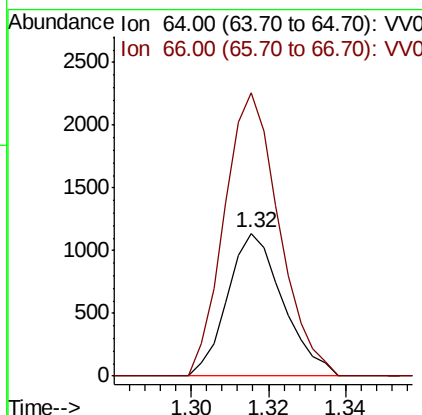
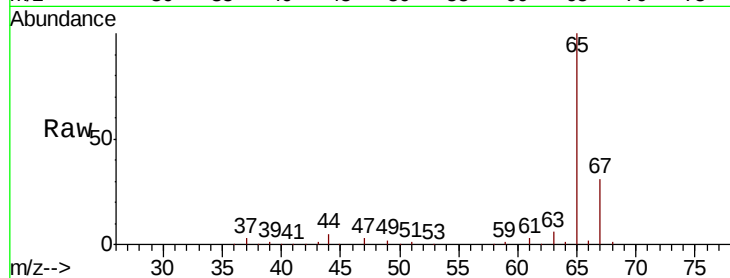




#8
Chloroethane
Concen: 0.822 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.28 min
Lab File: VV018397.D
Acq: 22 Sep 2020 15:44

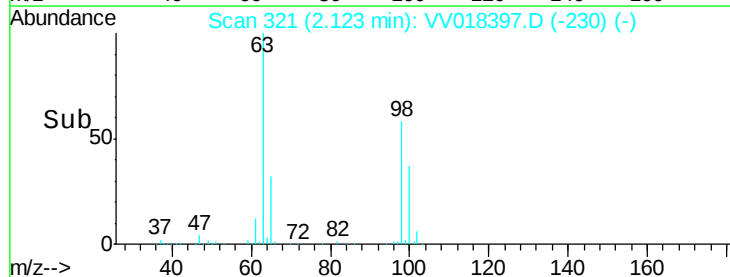
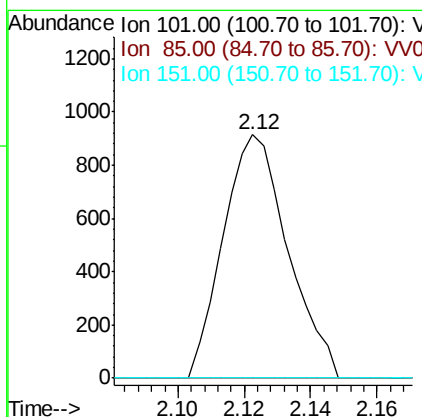
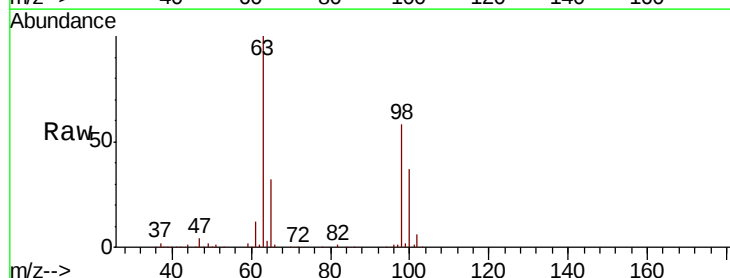
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

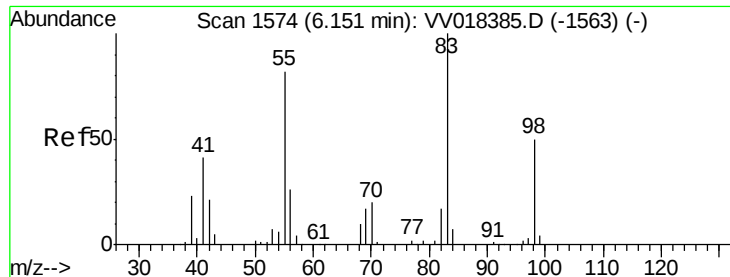
Tot Ion: 64 Resp: 1129
Ion Ratio Lower Upper
64 100
66 198.1 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.682 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV018397.D
Acq: 22 Sep 2020 15:44

Tgt Ion: 101 Resp: 1237
Ion Ratio Lower Upper
101 100
85 0.0 33.5 50.3#
151 0.0 62.2 93.2#

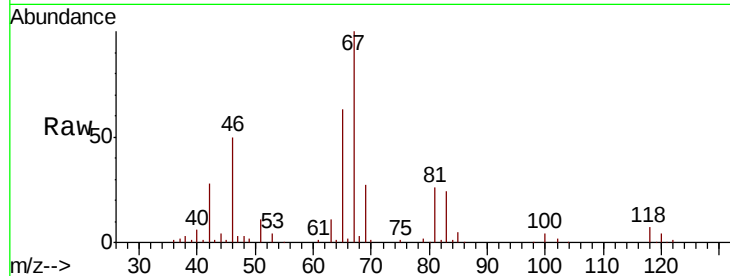




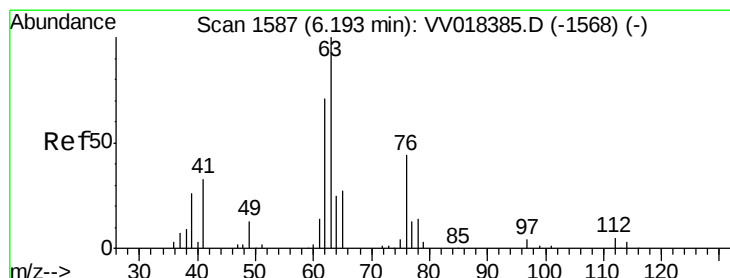
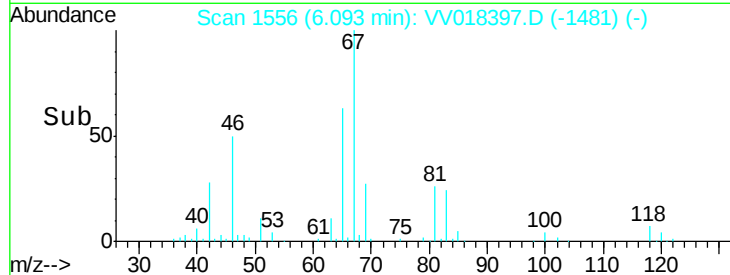
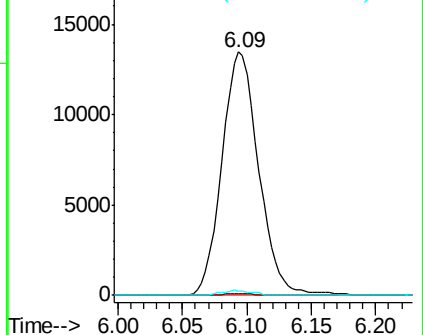
#35
Methvlcvclohexane
Concen: 8.629 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018397.D
Acq: 22 Sep 2020 15:44

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.4	63.4	95.2#
98	0.6	38.8	58.2#

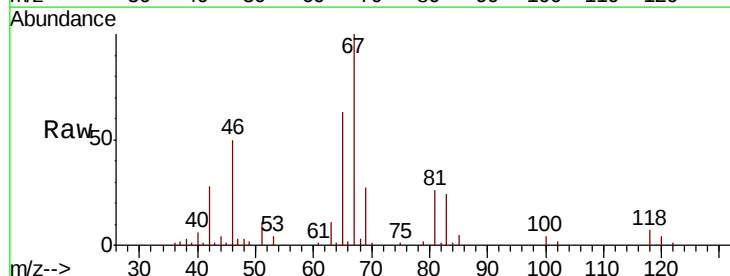


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

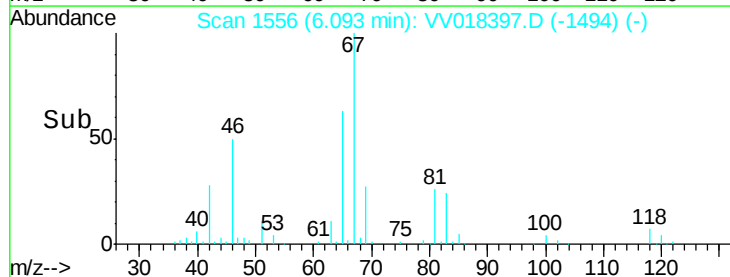
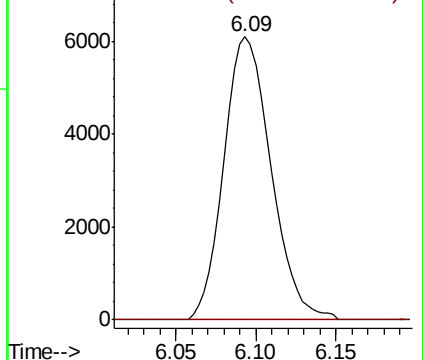


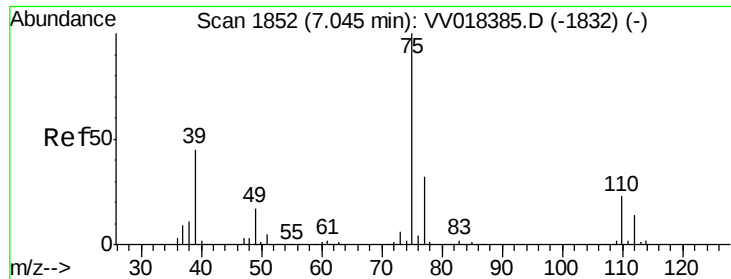
#37
1,2-Dichloropropane
Concen: 6.173 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018397.D
Acq: 22 Sep 2020 15:44

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V



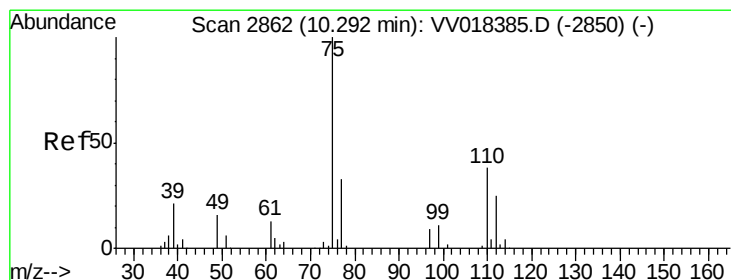
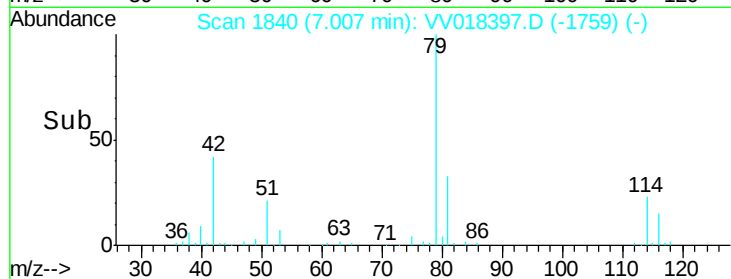
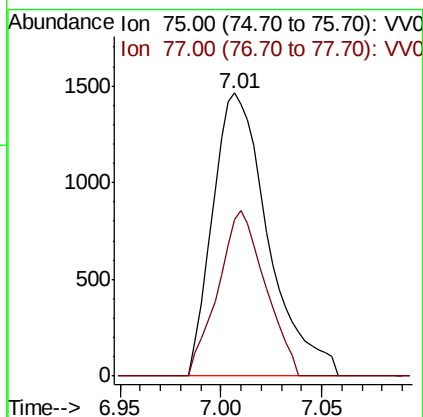
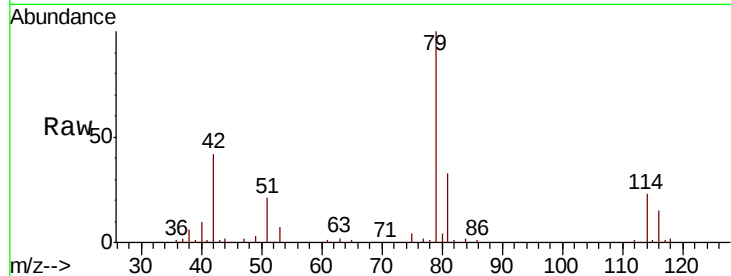


#39

cis-1,3-Dichloropropene
 Concen: 0.910 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018397.D
 Acq: 22 Sep 2020 15:44

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tot Ion: 75 Resp: 2797
 Ion Ratio Lower Upper
 75 100
 77 55.5 22.3 41.3#



#59

1,2,3-Trichloropropane
 Concen: 5.959 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018397.D
 Acq: 22 Sep 2020 15:44

Tgt Ion: 75 Resp: 13984
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.8 38.6

