

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015725.D
 Acq On : 27 Apr 2020 13:38
 Operator : SY/MD
 Sample : L2413-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 02:19:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	123461	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120711	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	24835	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.58	69	28587	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	43452	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	3.91	46	109240	52.73	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.46%
24) Chloroform-d	4.38	84	69565	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.06	65	43050	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.08	84	135724	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.09	67	45160	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.34	98	121892	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.64	79	14010	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.11	63	78075	44.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33280	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	49306	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

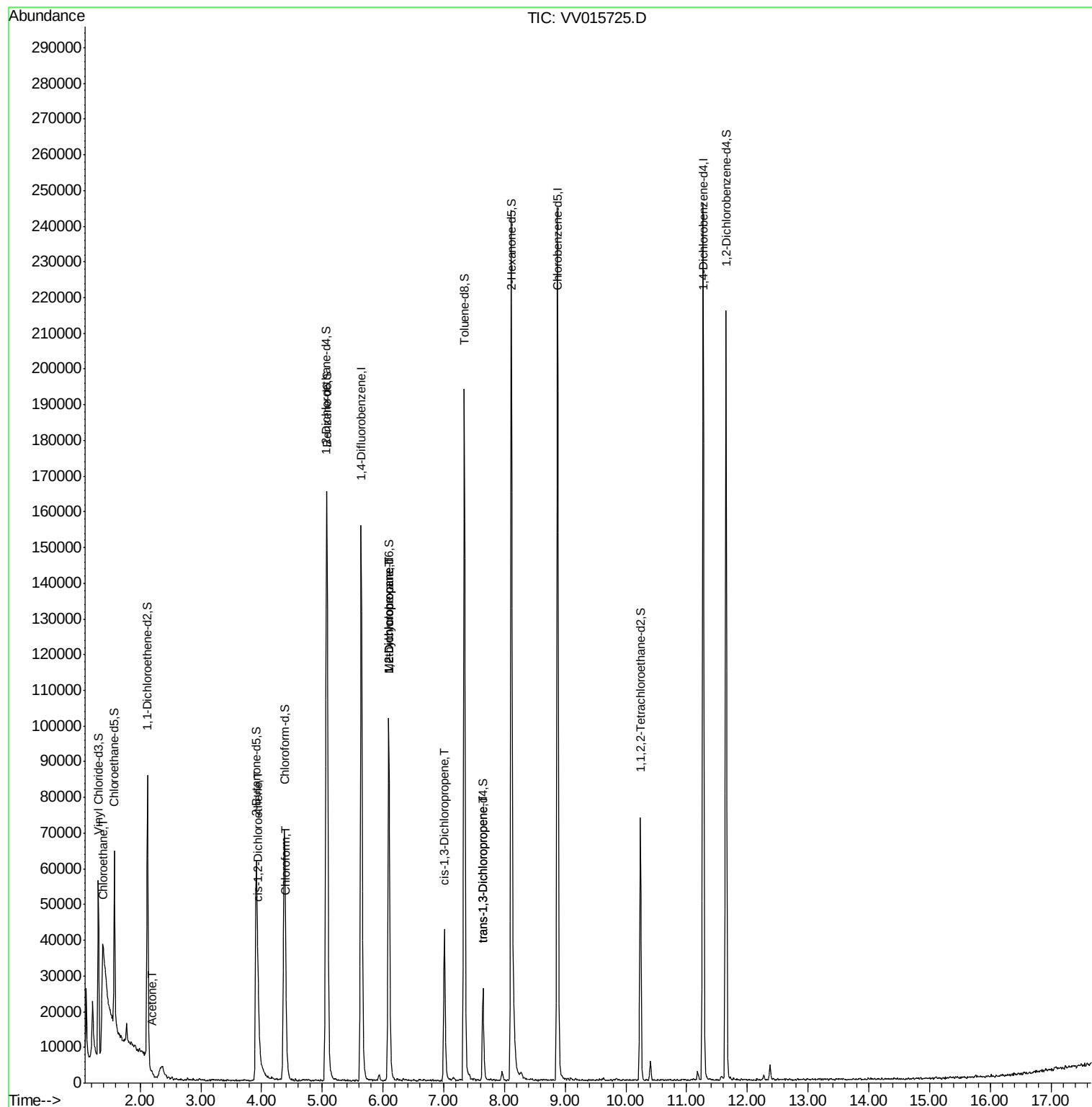
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.39	64	99578	15.517	ug/L #	51
13) Acetone	2.19	43	1782	1.239	ug/L	69
22) cis-1,2-Dichloroethene	3.95	96	2948	0.331	ug/L	89
25) Chloroform	4.41	83	5706	0.340	ug/L	95
35) Methylcyclohexane	6.09	83	10948	0.749	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5402	0.616	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1191	0.097	ug/L #	59
44) trans-1,3-Dichloropropene	7.64	75	694	0.068	ug/L #	46

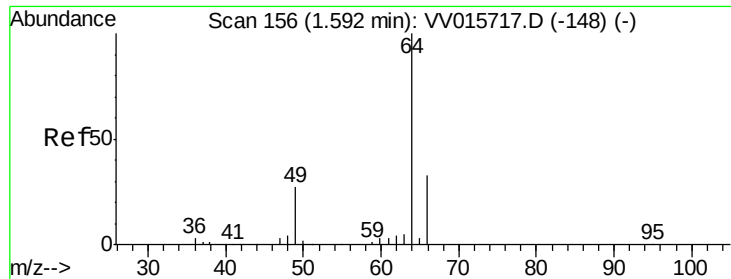
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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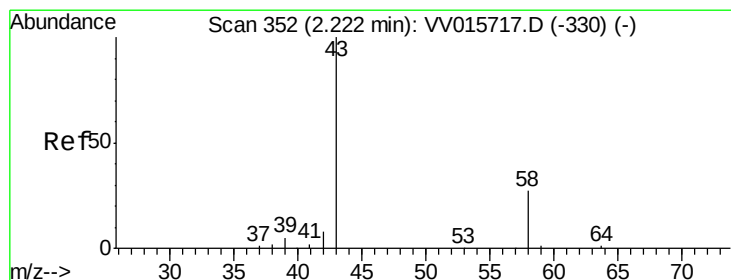
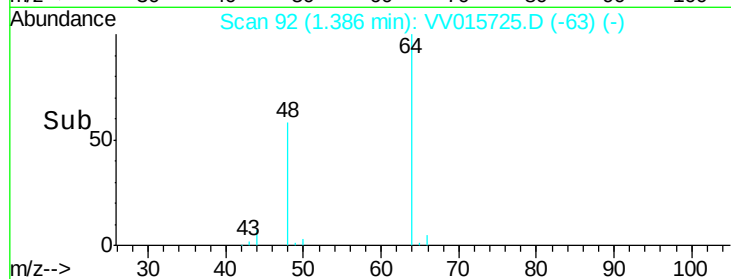
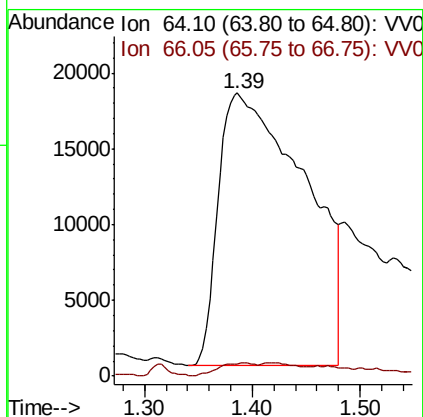
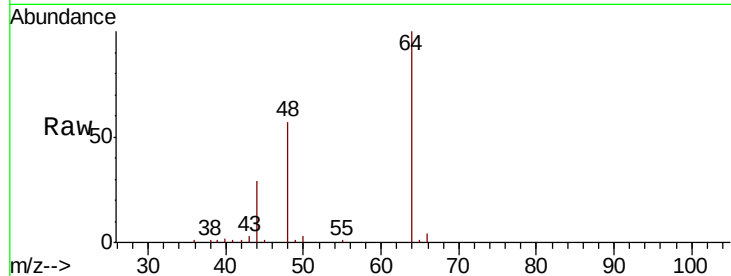




#8
Chloroethane
Concen: 15.517 ug/L
RT: 1.39 min Scan# 92
Delta R.T. -0.21 min
Lab File: VV015725.D
Acq: 27 Apr 2020 13:38

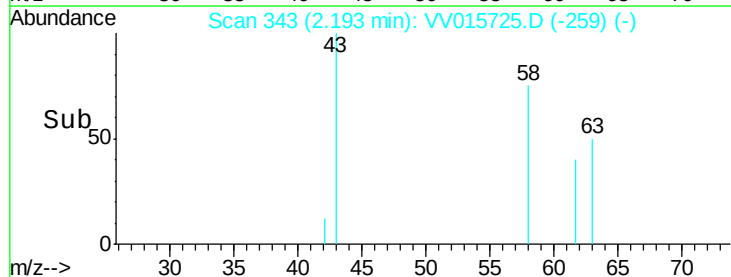
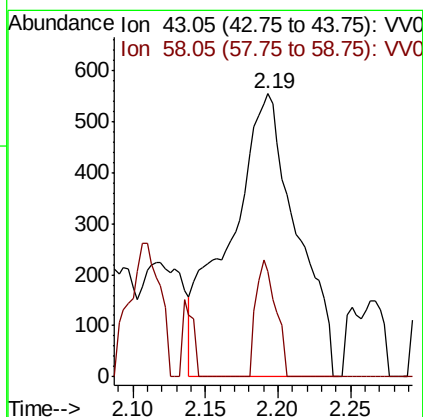
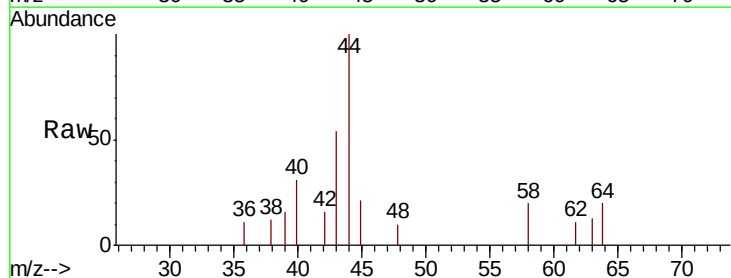
Instrument :
MSVOA_V
ClientSampleId :

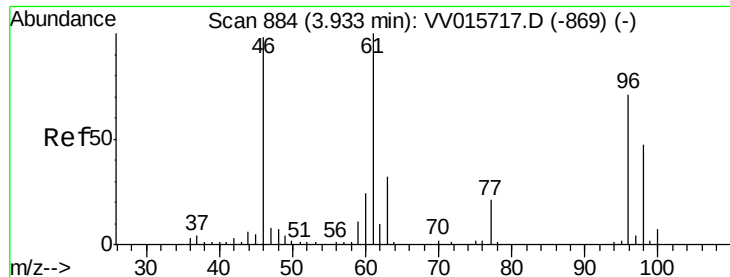
Tot Ion: 64 Resp: 99578
Ion Ratio Lower Upper
64 100
66 4.4 22.3 41.5#



#13
Acetone
Concen: 1.239 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.03 min
Lab File: VV015725.D
Acq: 27 Apr 2020 13:38

Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
58 12.2 0.0 57.6



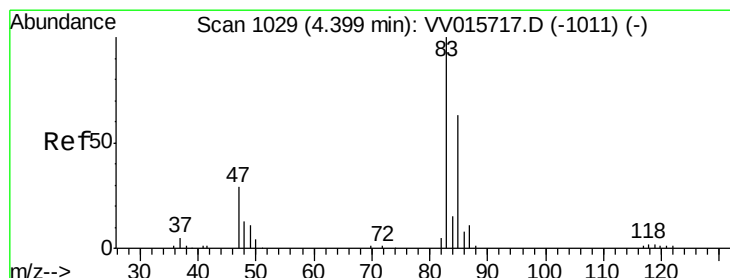
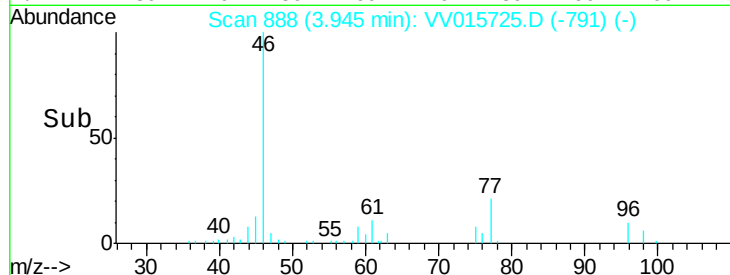
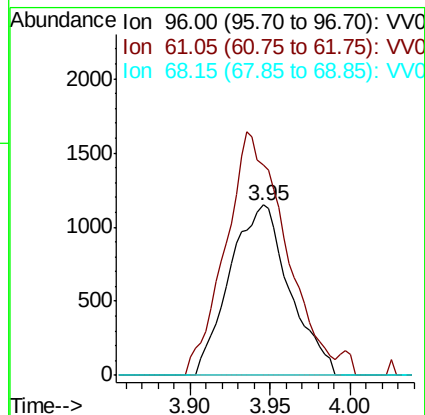
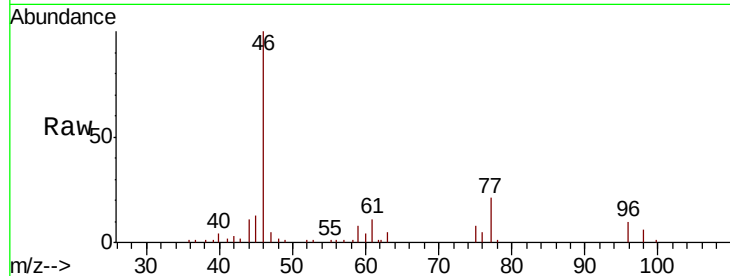


#22

cis-1,2-Dichloroethene
 Concen: 0.331 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV015725.D
 Acq: 27 Apr 2020 13:38

Instrument :
 MSVOA_V
 ClientSampleId :

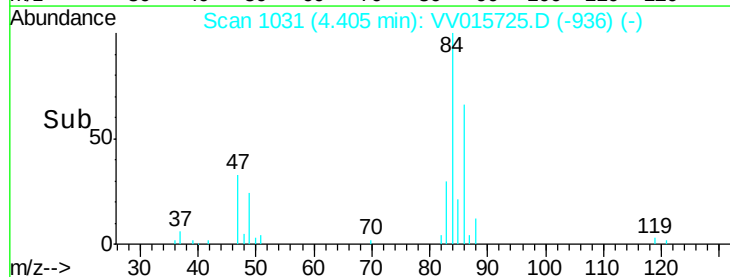
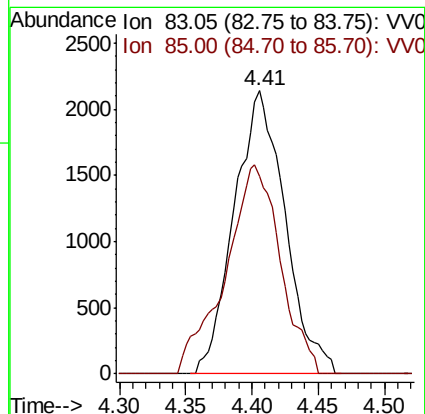
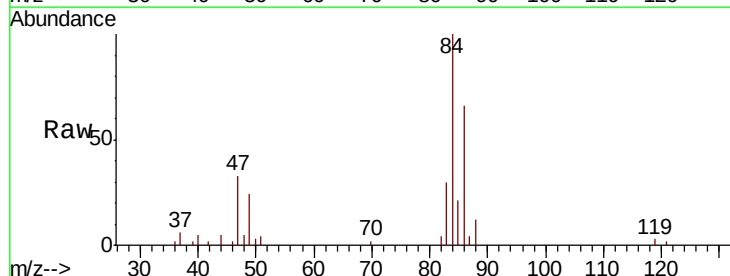
Tot Ion: 96 Resp: 2948
 Ion Ratio Lower Upper
 96 100
 61 124.0 96.4 179.0
 68 0.0 0.0 0.0

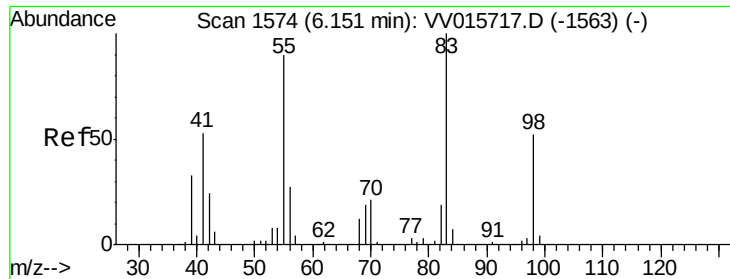


#25

Chloroform
 Concen: 0.340 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV015725.D
 Acq: 27 Apr 2020 13:38

Tgt Ion: 83 Resp: 5706
 Ion Ratio Lower Upper
 83 100
 85 69.7 46.1 85.5

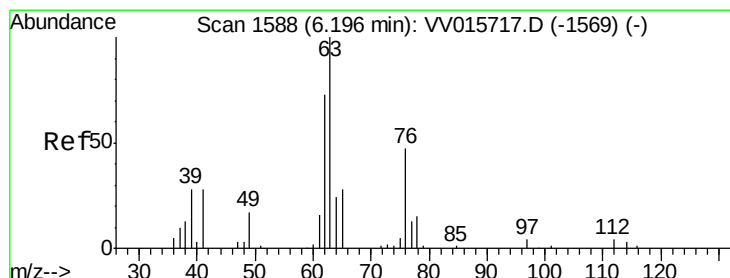
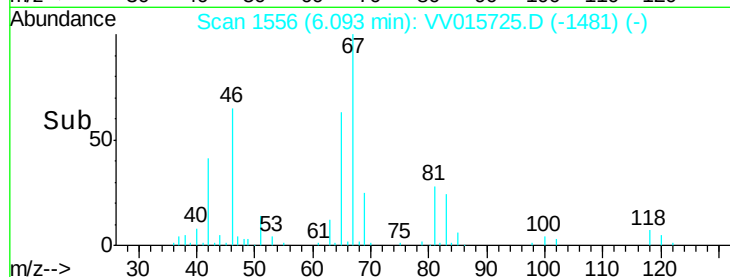
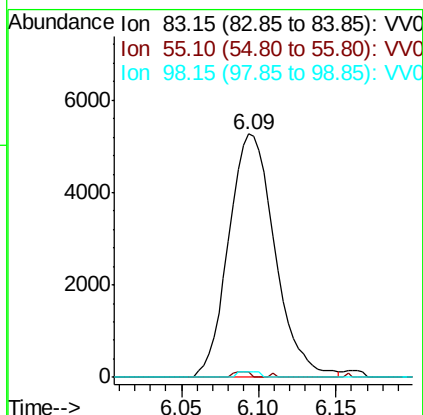
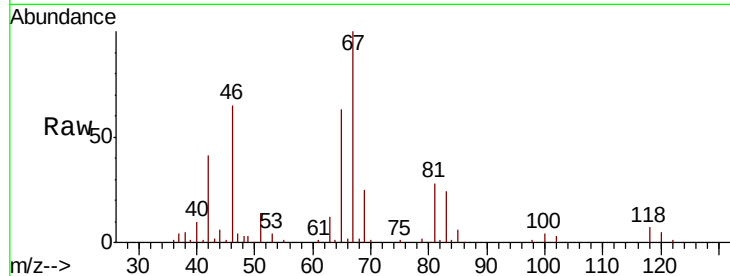




#35
Methylvlcyclohexane
Concen: 0.749 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015725.D
Acq: 27 Apr 2020 13:38

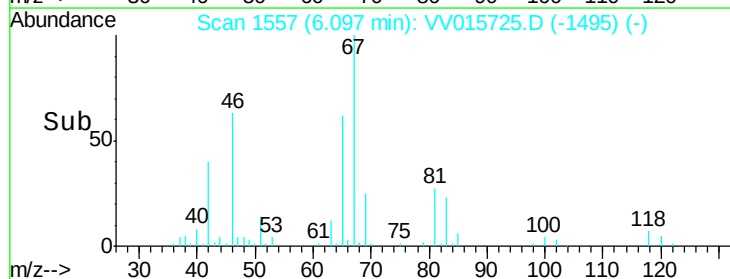
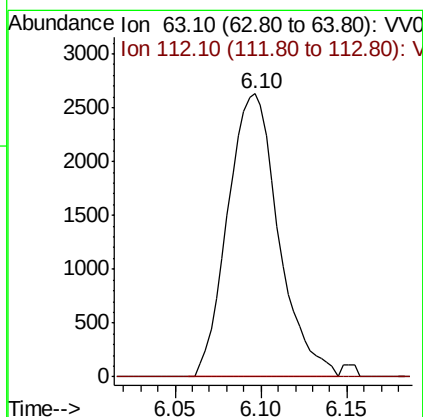
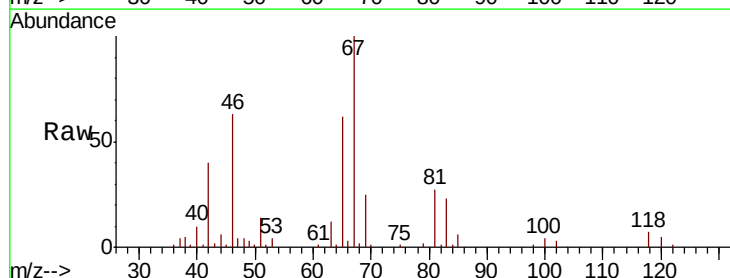
Instrument :
MSVOA_V
ClientSampleId :

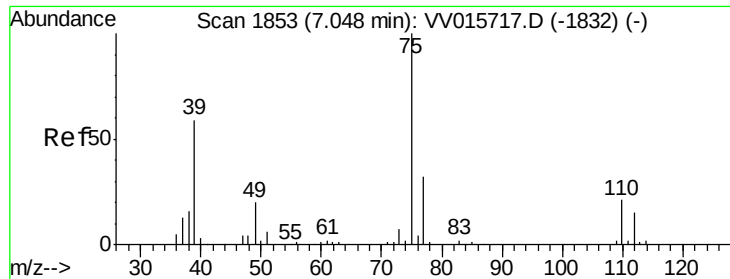
Tot Ion: 83 Resp: 10948
Ion Ratio Lower Upper
83 100
55 0.8 66.6 99.8#
98 1.1 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015725.D
Acq: 27 Apr 2020 13:38

Tgt Ion: 63 Resp: 5402
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

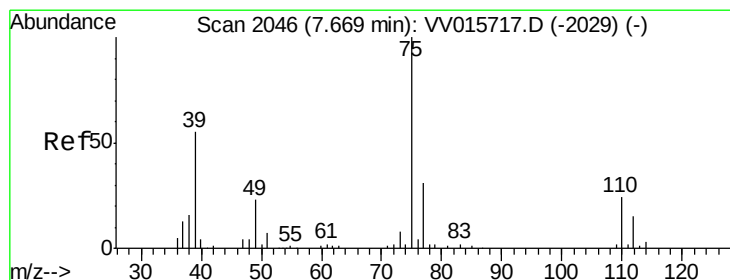
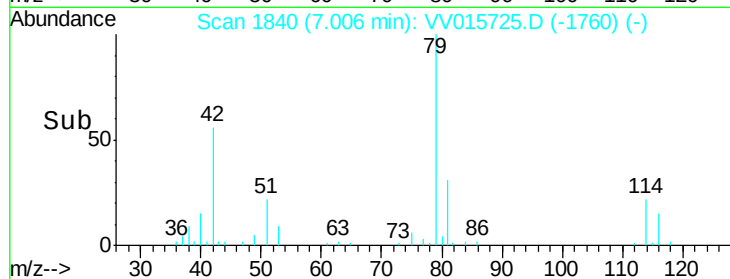
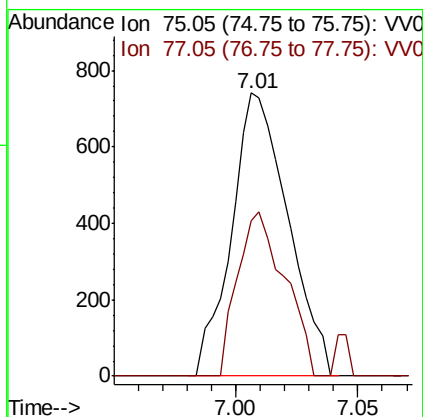
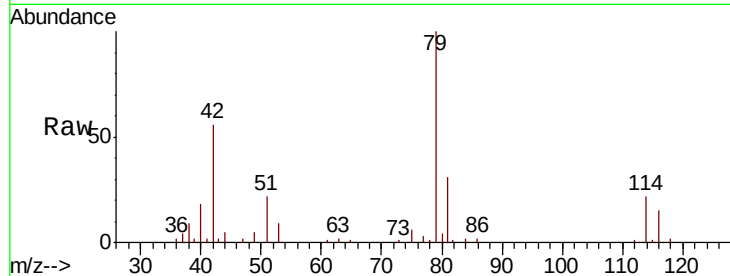




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015725.D
 Acq: 27 Apr 2020 13:38

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 1191
 Ion Ratio Lower Upper
 75 100
 77 54.8 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015725.D
 Acq: 27 Apr 2020 13:38

Tgt Ion: 75 Resp: 694
 Ion Ratio Lower Upper
 75 100
 77 60.9 21.8 40.6#

