

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016420.D
 Acq On : 01 Jun 2020 18:57
 Operator : SY/MD
 Sample : L2780-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 01:19:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 01:13:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	83904	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	81923	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	35076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25161	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.58	69	21310	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.12	63	38165	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	3.97	46	66797	42.15	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.30%
24) Chloroform-d	4.37	84	52006	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.06	65	30515	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.07	84	105620	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.09	67	32943	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.33	98	89659	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
45) trans-1,3-Dichloropropene-	7.64	79	9966	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
48) 2-Hexanone-d5	8.12	63	60119	49.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.68%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23374	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	29816	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

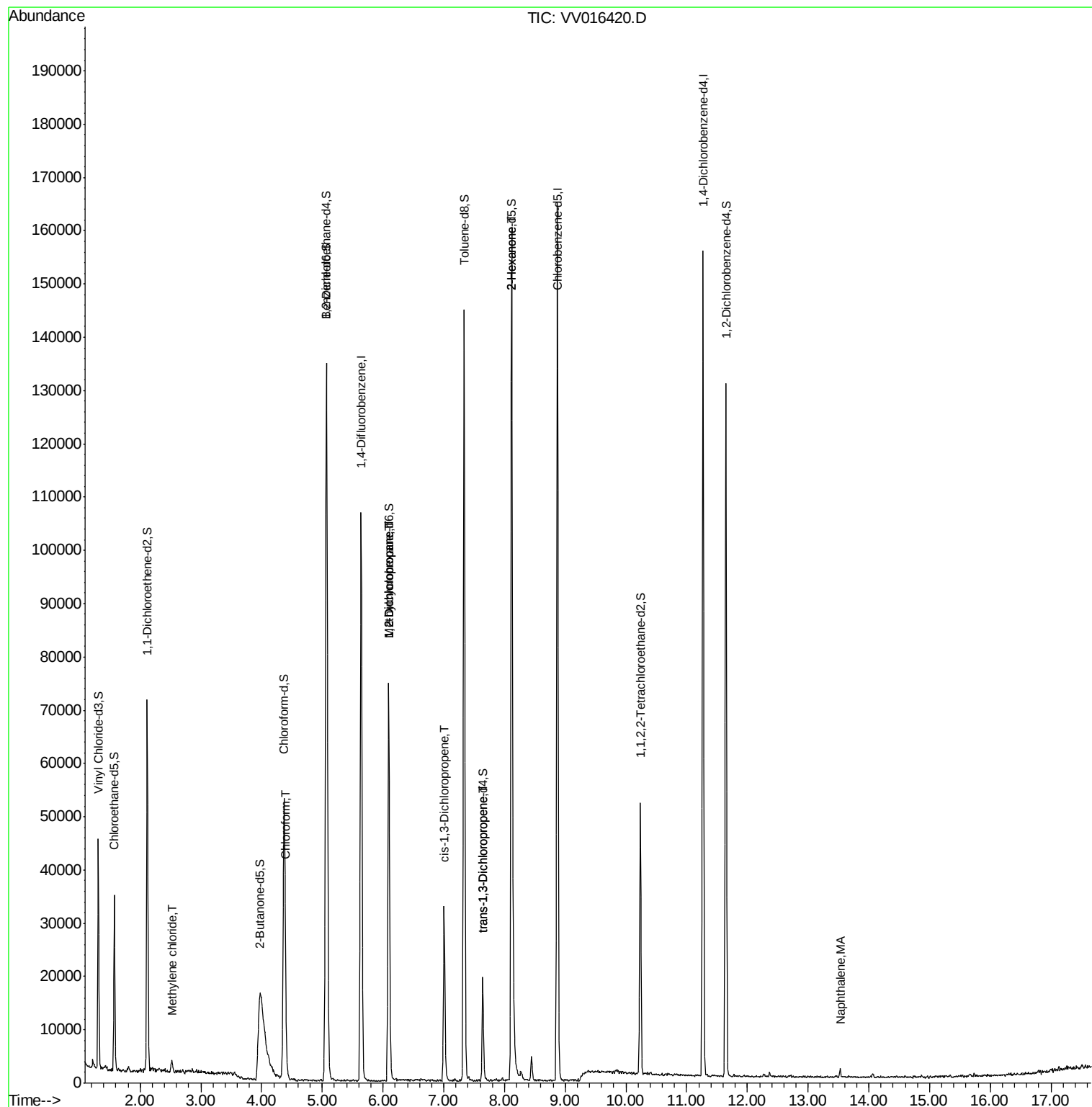
					Ovalue
16) Methylene chloride	2.52	84	782	0.135 ug/L	87
25) Chloroform	4.40	83	3315	0.293 ug/L	96
35) Methylcyclohexane	6.09	83	8066	0.787 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	3859	0.629 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	784	0.097 ug/L #	55
46) trans-1,3-Dichloropropene	7.65	75	557	0.083 ug/L #	72
50) 2-Hexanone	8.12	43	8741	3.383 ug/L #	69
70) Naphthalene	13.53	128	1536	0.096 ug/L #	87

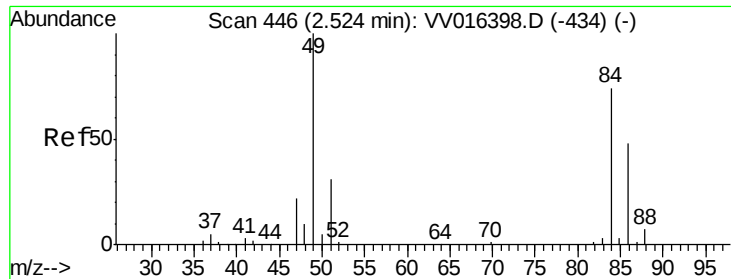
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Jun 02 01:19:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 01:13:11 2020
Response via : Initial Calibration

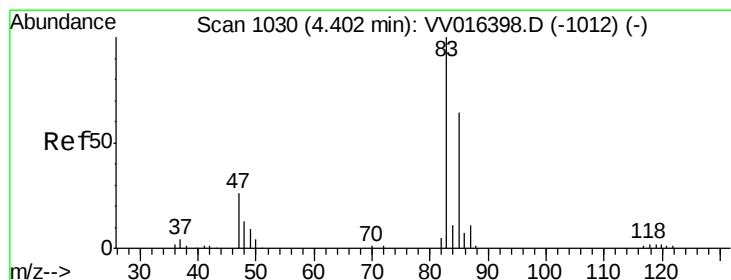
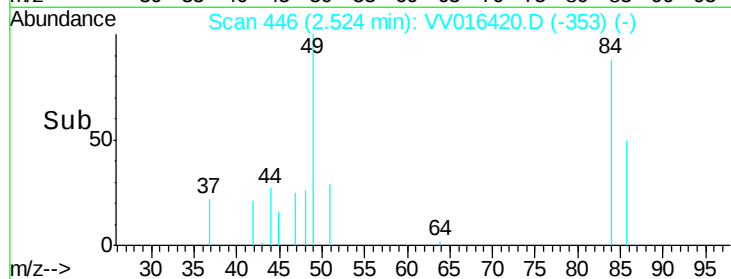
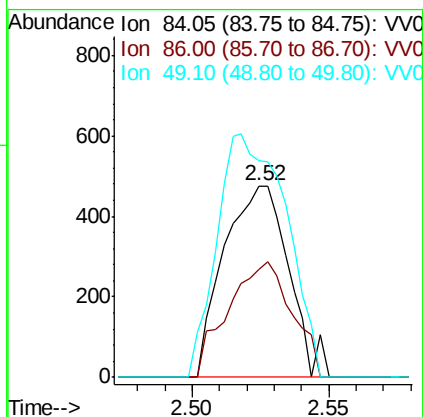
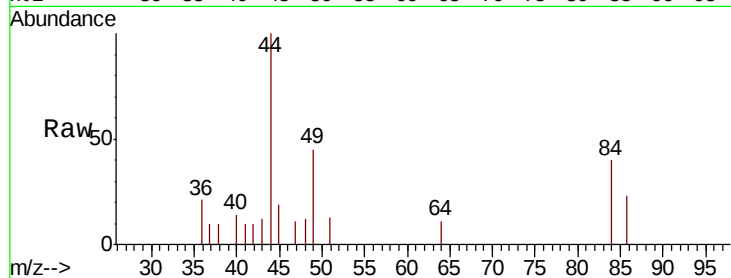




#16
Methvlene chloride
Concen: 0.135 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV016420.D
Acq: 01 Jun 2020 18:57

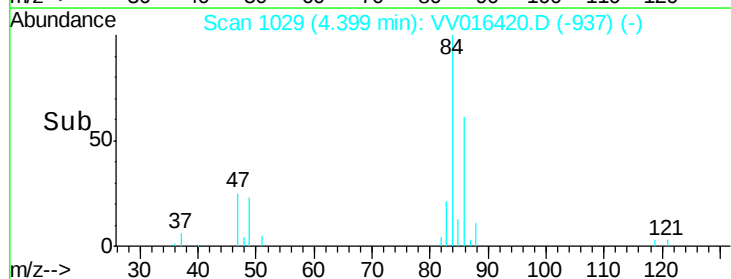
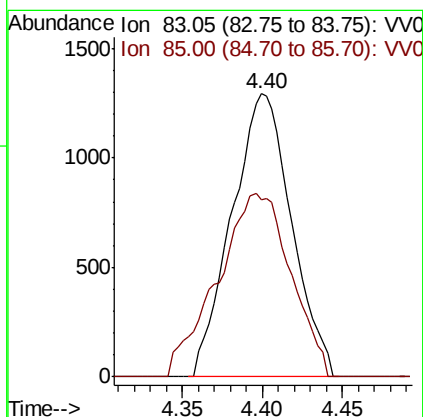
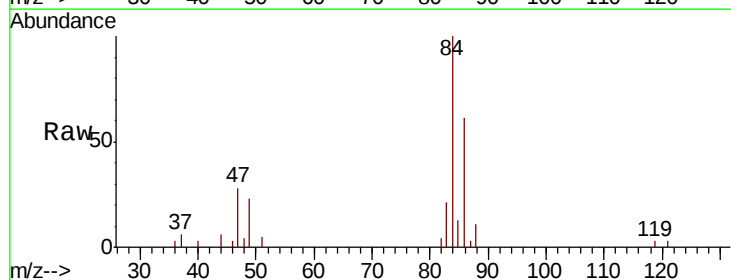
Instrument :
MSVOA_V
ClientSampleId :

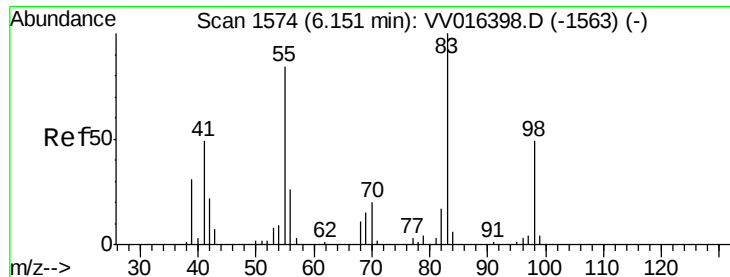
Tot Ion: 84 Resp: 782
Ion Ratio Lower Upper
84 100
86 56.5 44.5 82.7
49 113.4 92.3 171.3



#25
Chloroform
Concen: 0.293 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV016420.D
Acq: 01 Jun 2020 18:57

Tgt Ion: 83 Resp: 3315
Ion Ratio Lower Upper
83 100
85 62.6 45.8 85.2

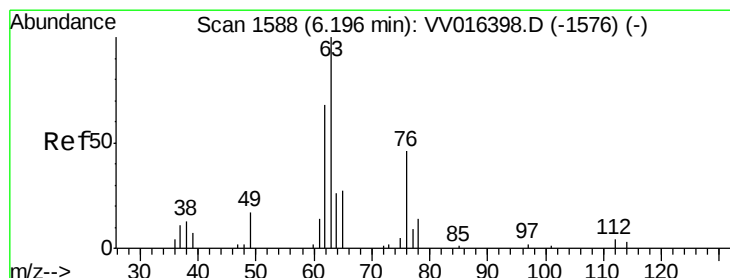
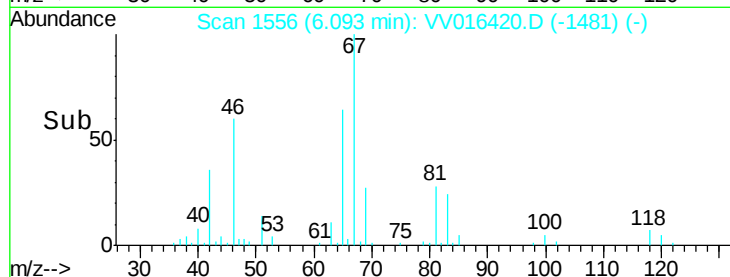
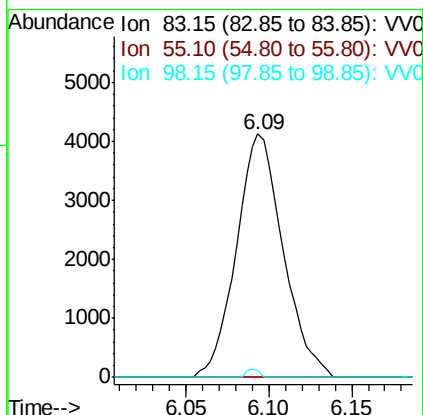
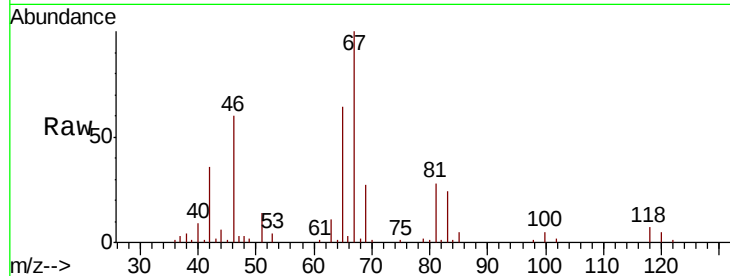




#35
Methvlcvclohexane
Concen: 0.787 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016420.D
Acq: 01 Jun 2020 18:57

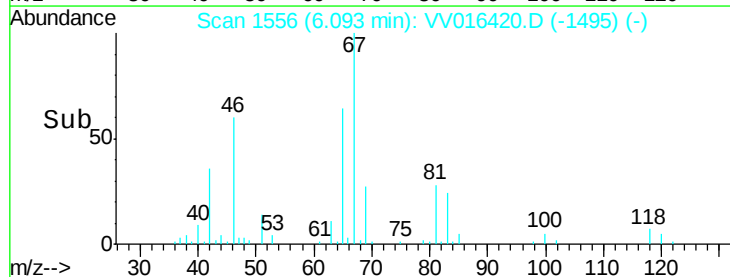
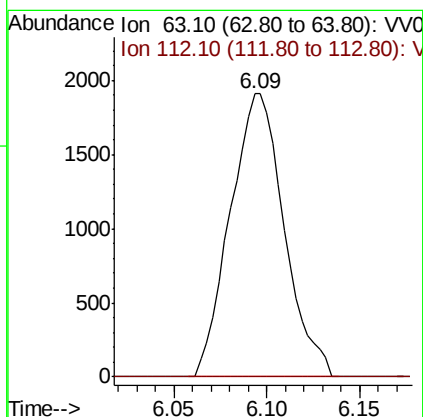
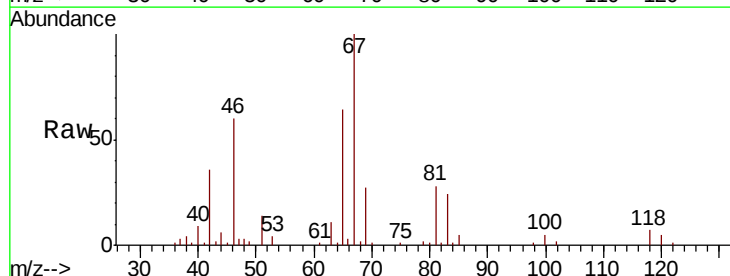
Instrument :
MSVOA_V
ClientSampled :

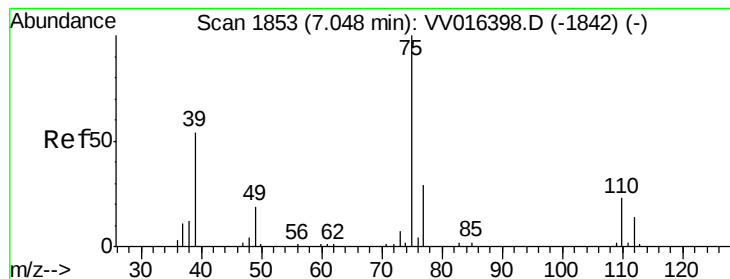
Tot Ion: 83 Resp: 8066
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 0.9 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV016420.D
Acq: 01 Jun 2020 18:57

Tgt Ion: 63 Resp: 3859
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



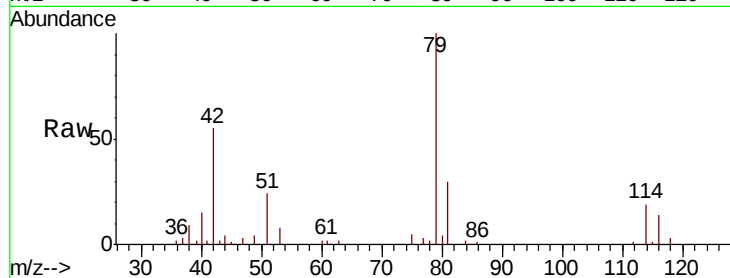


#39

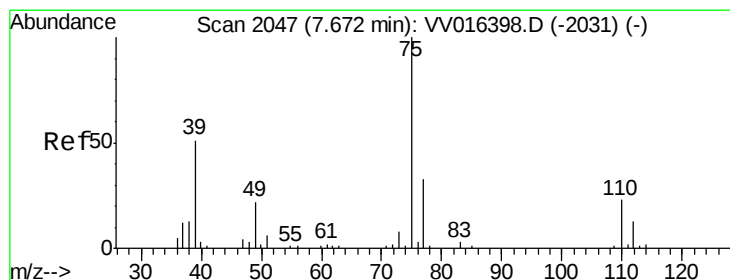
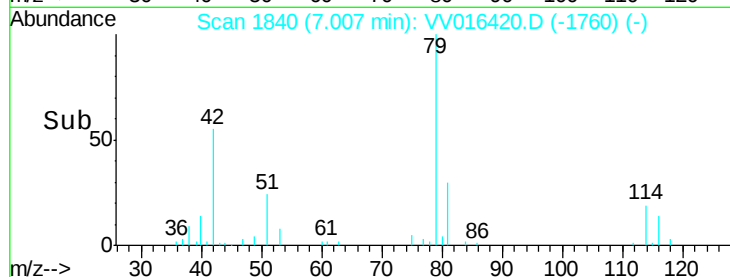
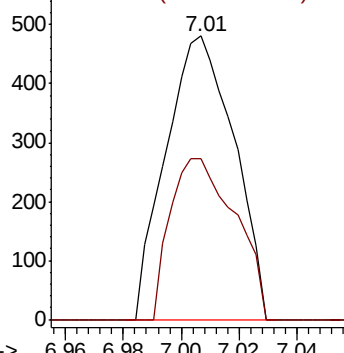
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV016420.D
Acq: 01 Jun 2020 18:57

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 784
Ion Ratio Lower Upper
75 100
77 56.5 22.0 41.0#



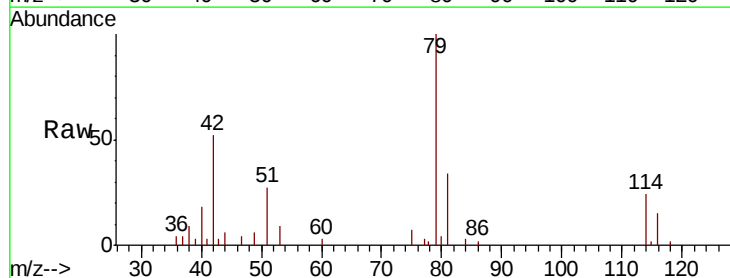
Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0



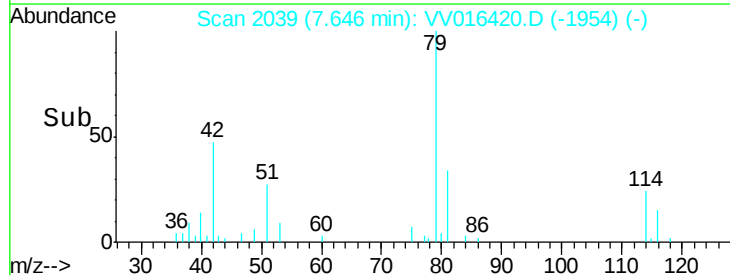
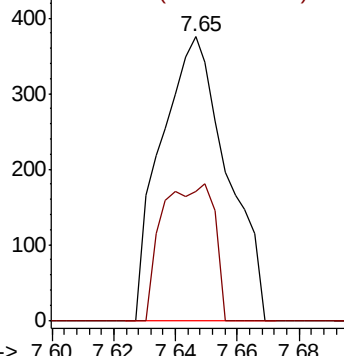
#46

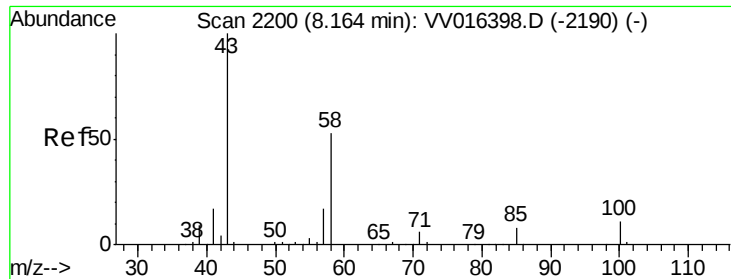
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016420.D
Acq: 01 Jun 2020 18:57

Tgt Ion: 75 Resp: 557
Ion Ratio Lower Upper
75 100
77 45.6 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0

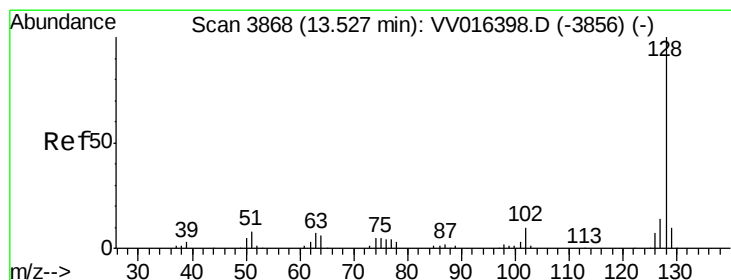
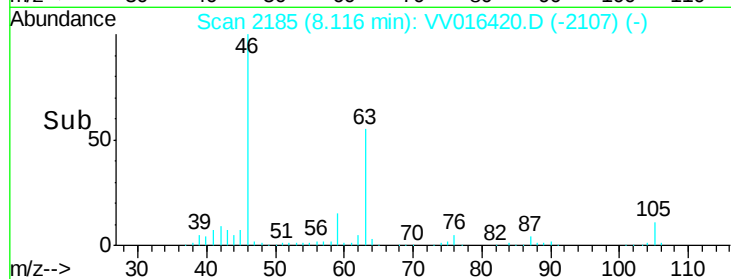
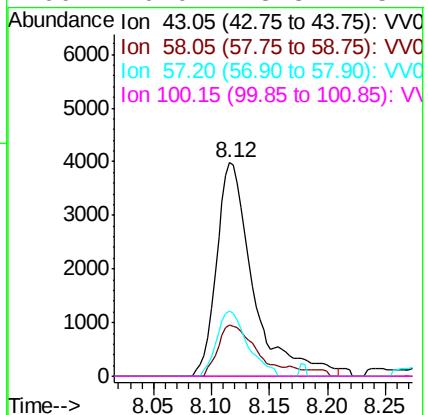
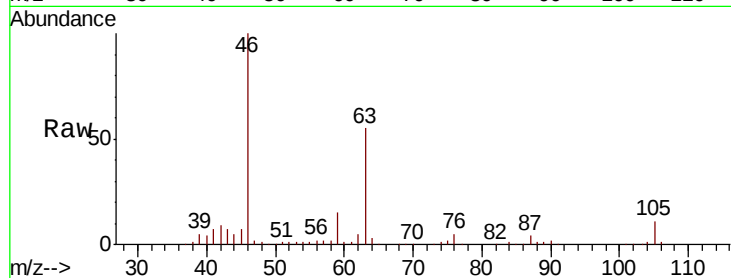




#50
2-Hexanone
Concen: 3.383 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016420.D
Acq: 01 Jun 2020 18:57

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8741
Ion Ratio Lower Upper
43 100
58 26.4 41.1 61.7#
57 25.9 14.2 21.4#
100 0.0 8.8 13.2#



#70
Naphthalene
Concen: 0.096 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV016420.D
Acq: 01 Jun 2020 18:57

Tgt Ion: 128 Resp: 1536
Ion Ratio Lower Upper
128 100
129 1.4 8.6 12.8#
127 12.0 10.7 16.1

