

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016381.D
 Acq On : 31 May 2020 12:14
 Operator : SY/MD
 Sample : L2662-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 07:18:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 07:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	77002	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	72802	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	31582	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30982	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	23187	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.12	63	41589	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.96	46	72871	50.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.20%
24) Chloroform-d	4.38	84	53481	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.06	65	29563	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.07	84	105770	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.10	67	31606	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.34	98	91799	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
45) trans-1,3-Dichloropropene-	7.65	79	9770	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
48) 2-Hexanone-d5	8.12	63	53468	49.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22133	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	30906	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

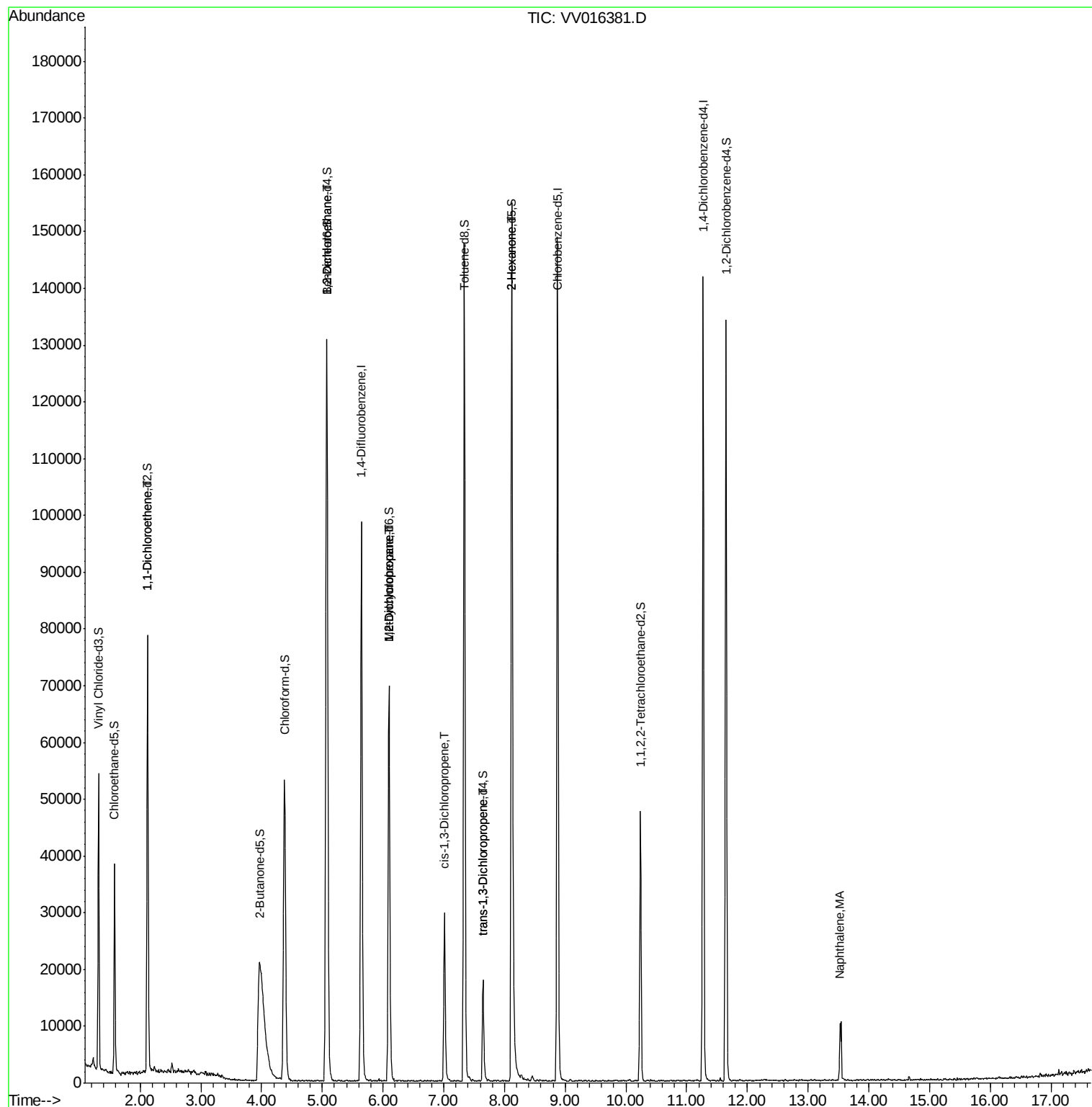
					Ovalue
12) 1,1-Dichloroethene	2.13	96	355	0.072 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	713	0.104 ug/L #	76
35) Methylcyclohexane	6.10	83	7784	0.855 ug/L #	15
37) 1,2-Dichloropropane	6.10	63	3790	0.695 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	772	0.107 ug/L	95
46) trans-1,3-Dichloropropene	7.65	75	452	0.076 ug/L #	82
50) 2-Hexanone	8.12	43	7433	3.238 ug/L #	78
70) Naphthalene	13.53	128	8412	0.584 ug/L	98

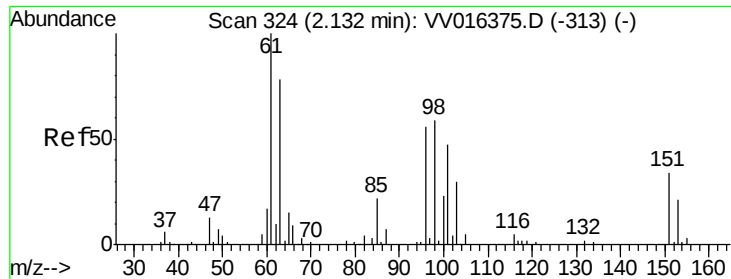
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016381.D

Acq: 31 May 2020 12:14

Instrument :
MSVOA_V
ClientSampleId :

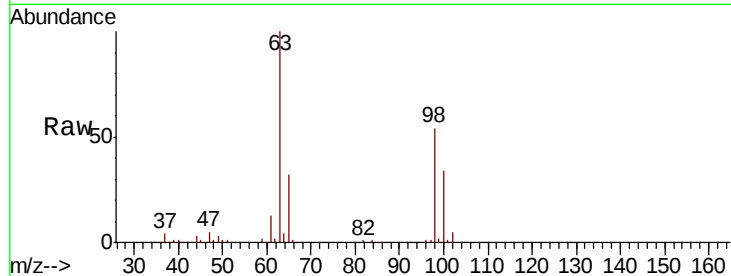
Tot Ion: 96 Resp: 355

Ion Ratio Lower Upper

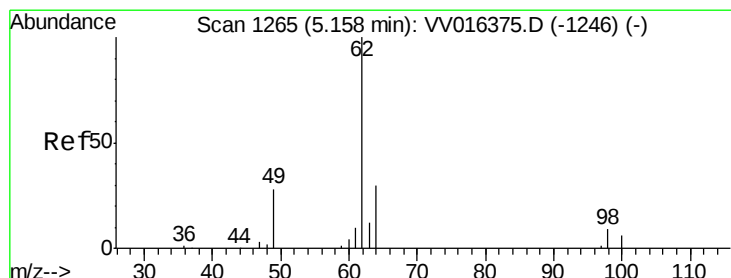
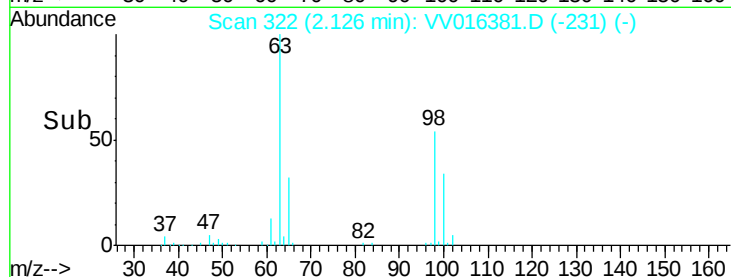
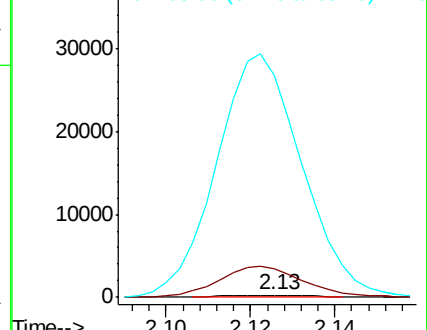
96 100

61 1281.8 125.4 233.0#

63 9751.3 88.2 163.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 63.00 (62.70 to 63.70): VV0



#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016381.D

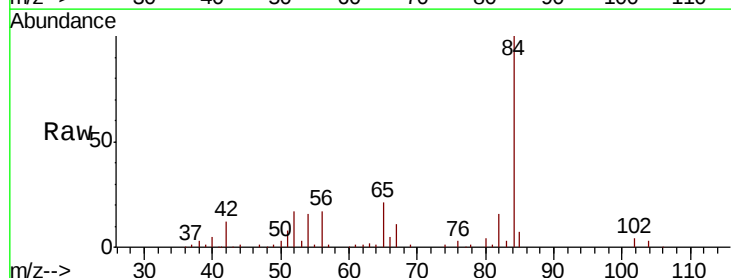
Acq: 31 May 2020 12:14

Tgt Ion: 62 Resp: 713

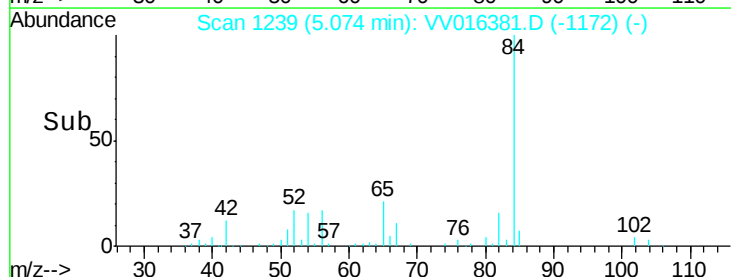
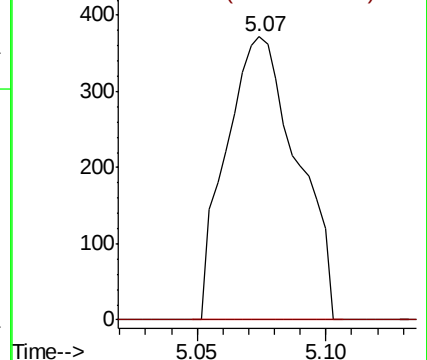
Ion Ratio Lower Upper

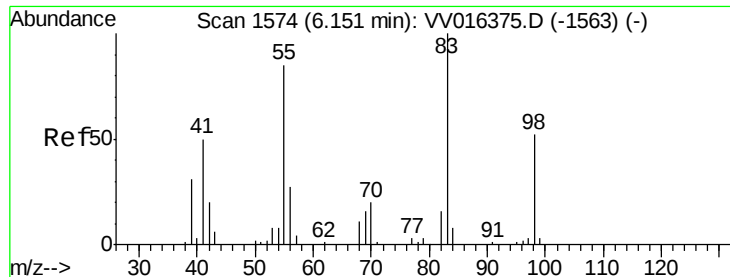
62 100

98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.05 (97.75 to 98.75): VV0

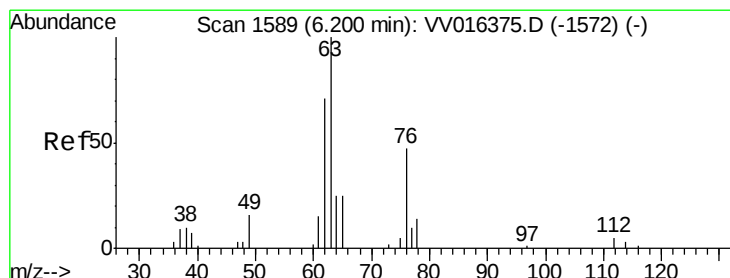
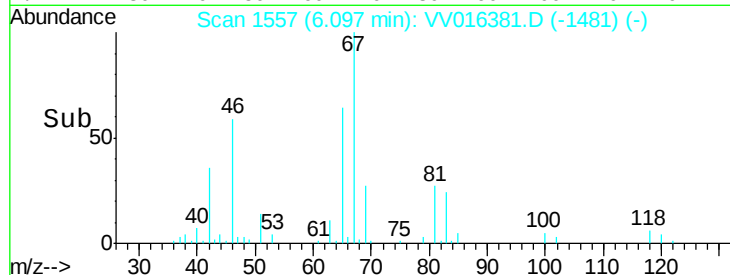
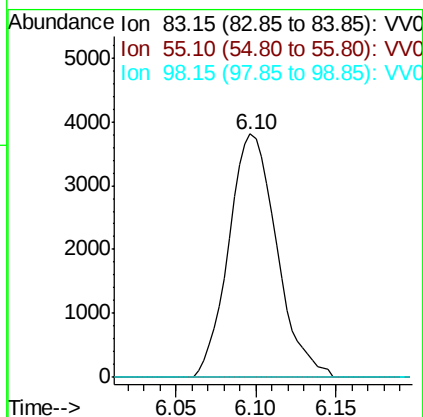
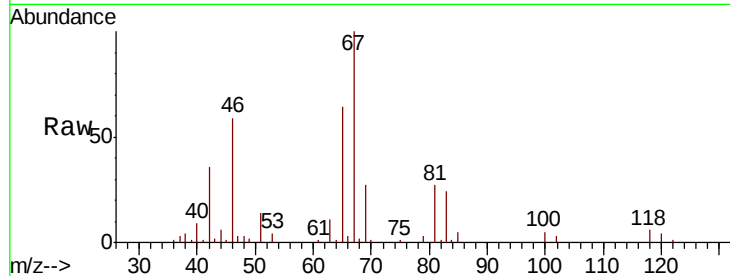




#35
Methvlcvclohexane
Concen: 0.855 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016381.D
Acq: 31 May 2020 12:14

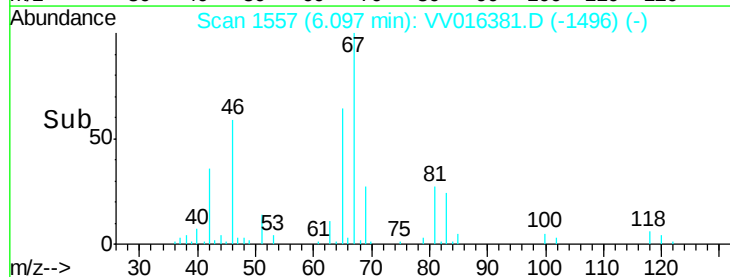
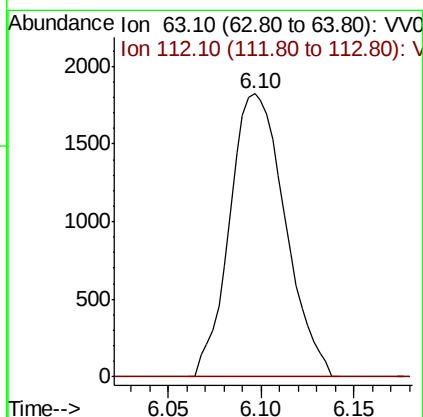
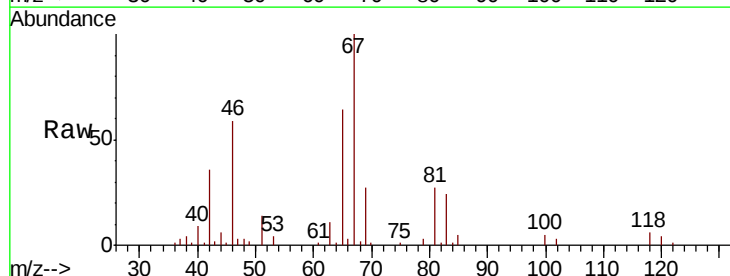
Instrument :
MSVOA_V
ClientSampleId :

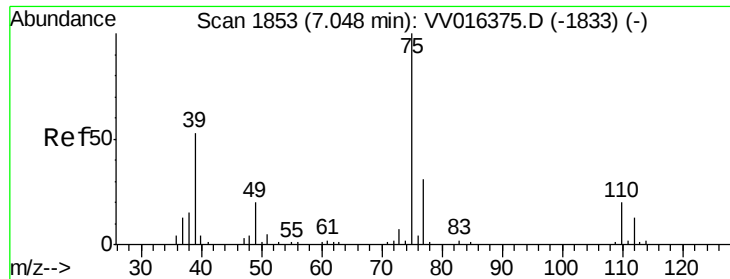
Tot Ion: 83 Resp: 7784
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.695 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016381.D
Acq: 31 May 2020 12:14

Tgt Ion: 63 Resp: 3790
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

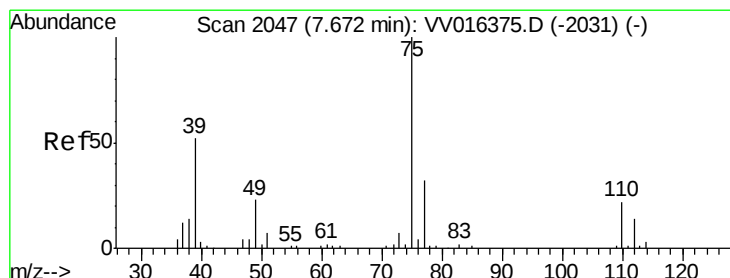
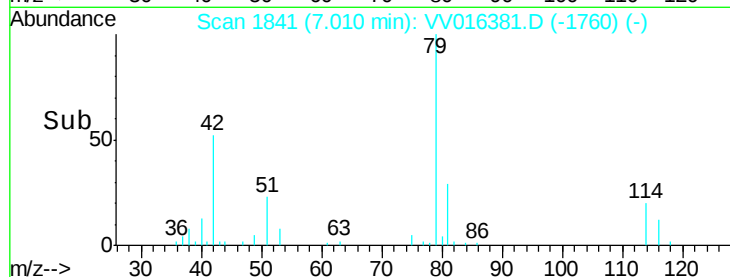
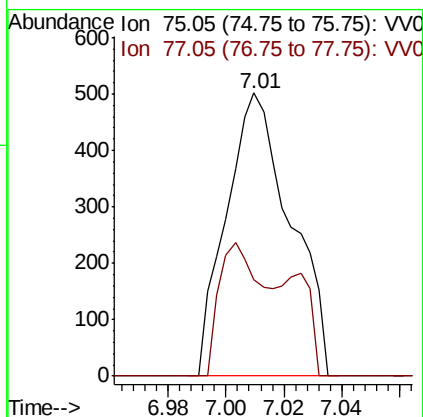
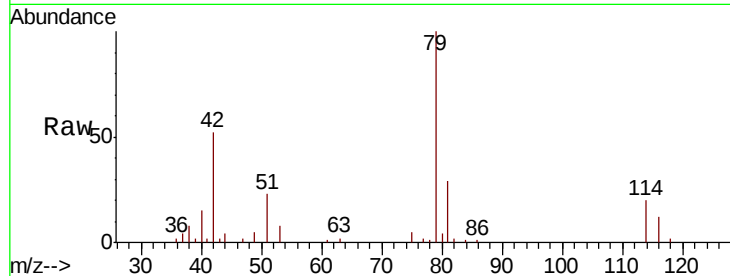




#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016381.D
 Acq: 31 May 2020 12:14

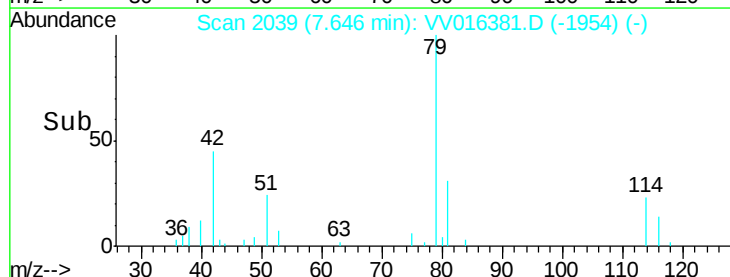
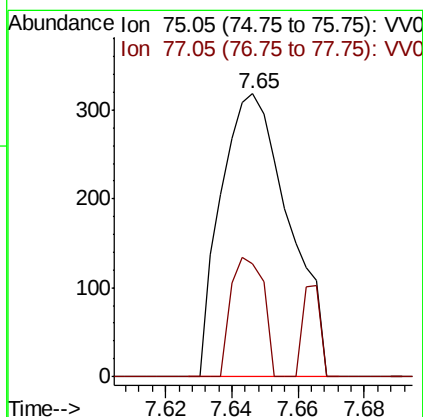
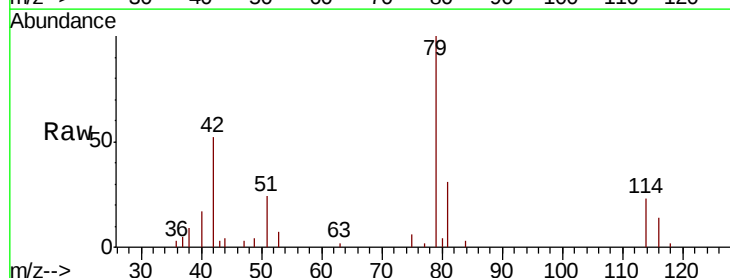
Instrument :
 MSVOA_V
 ClientSampleId :

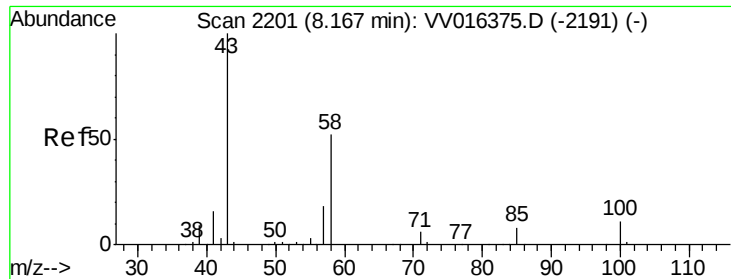
Tot Ion: 75 Resp: 772
 Ion Ratio Lower Upper
 75 100
 77 34.3 22.0 41.0



#46
 trans-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016381.D
 Acq: 31 May 2020 12:14

Tgt Ion: 75 Resp: 452
 Ion Ratio Lower Upper
 75 100
 77 39.9 21.1 39.3#

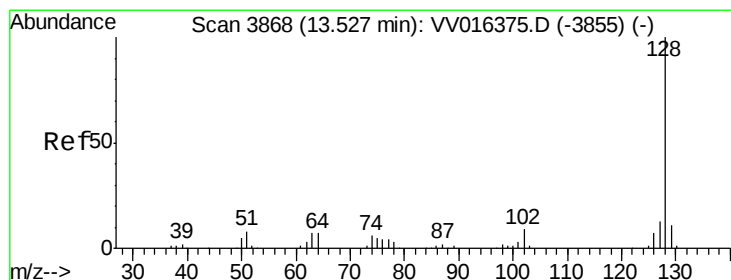
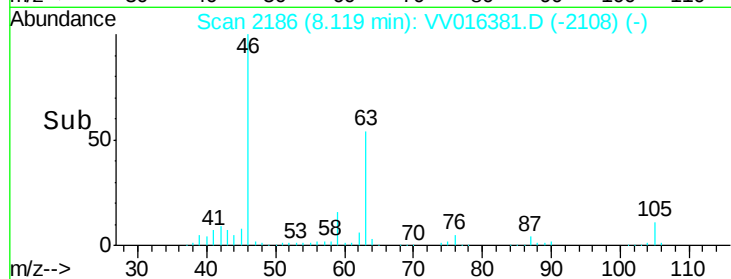
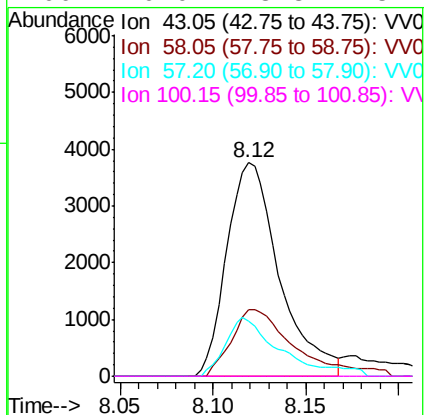
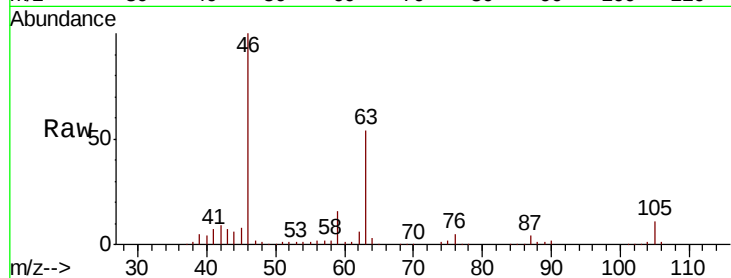




#50
2-Hexanone
Concen: 3.238 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016381.D
Acq: 31 May 2020 12:14

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7433
Ion Ratio Lower Upper
43 100
58 37.5 41.1 61.7#
57 28.6 14.2 21.4#
100 0.0 8.8 13.2#



#70
Naphthalene
Concen: 0.584 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV016381.D
Acq: 31 May 2020 12:14

Tgt Ion: 128 Resp: 8412
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 12.6 10.7 16.1

