

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050420\
 Data File : VV015882.D
 Acq On : 04 May 2020 14:11
 Operator : SY/MD
 Sample : L2471-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 05 01:31:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 05 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	117717	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	111929	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54110	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28306	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.57	69	27545	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.12	63	43049	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.96	46	92733	46.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.90%
24) Chloroform-d	4.38	84	64813	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.06	65	38135	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.07	84	121620	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.10	67	39661	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.34	98	108372	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.65	79	13361	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.12	63	66705	41.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27616	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	42206	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

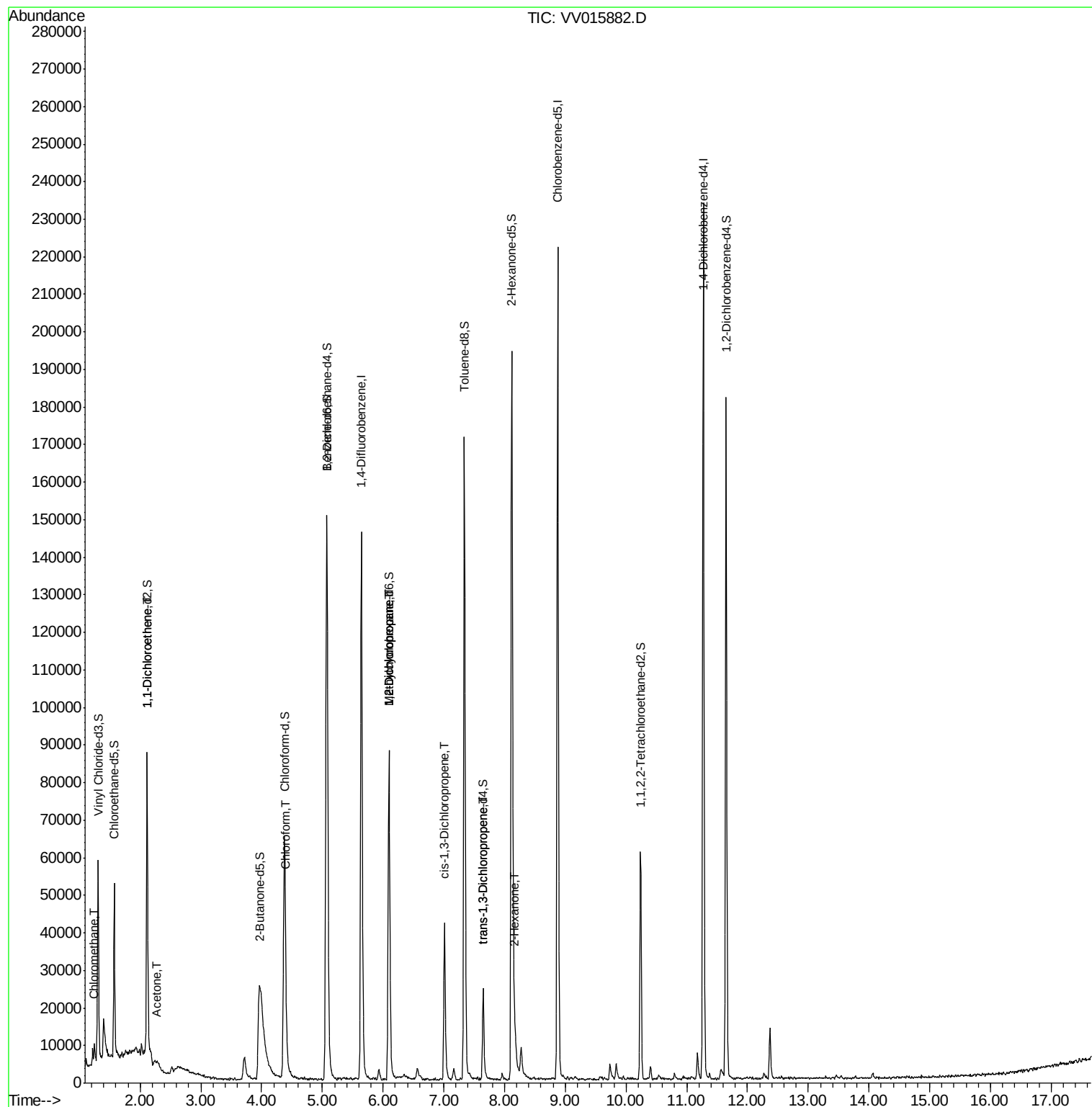
					Ovalue
3) Chloromethane	1.24	50	2143	0.246 ug/L	99
12) 1,1-Dichloroethene	2.12	96	597	0.087 ug/L #	1
13) Acetone	2.27	43	2136	1.557 ug/L	76
25) Chloroform	4.40	83	2730	0.171 ug/L	87
35) Methylcyclohexane	6.10	83	9526	0.703 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	5264	0.648 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1183	0.104 ug/L #	37
44) trans-1,3-Dichloropropene	7.64	75	801	0.084 ug/L #	79
48) 2-Hexanone	8.17	43	5666	1.506 ug/L #	95

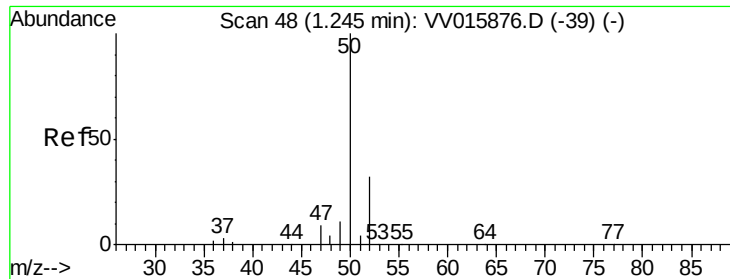
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050420\
Data File : VV015882.D
Acq On : 04 May 2020 14:11
Operator : SY/MD
Sample : L2471-10
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 05 01:31:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 05 01:28:45 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.246 ug/L

RT: 1.24 min Scan# 48

Delta R.T. 0.00 min

Lab File: VV015882.D

Acq: 04 May 2020 14:11

Instrument :

MSVOA_V

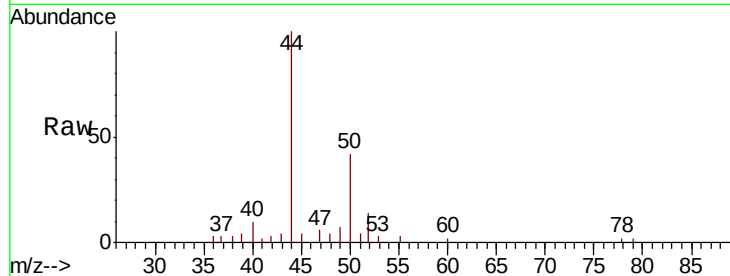
ClientSampleId :

Tot Ion: 50 Resp: 2143

Ion Ratio Lower Upper

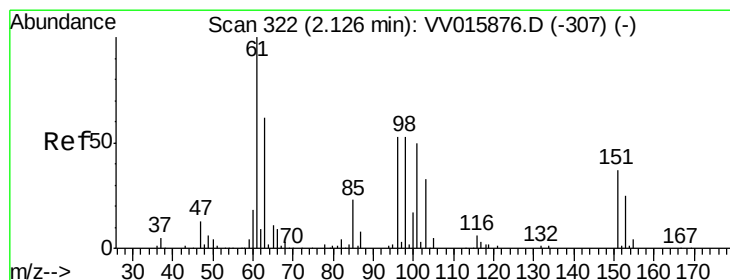
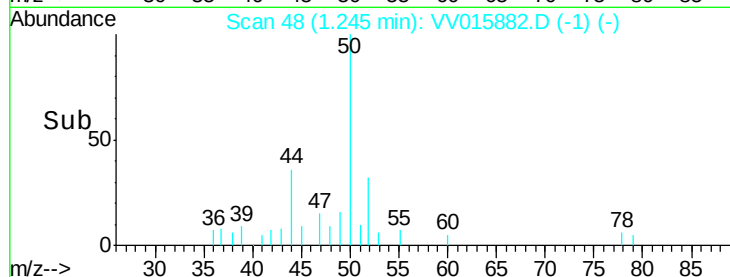
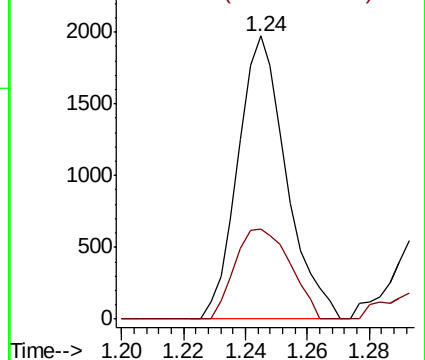
50 100

52 32.0 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.087 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015882.D

Acq: 04 May 2020 14:11

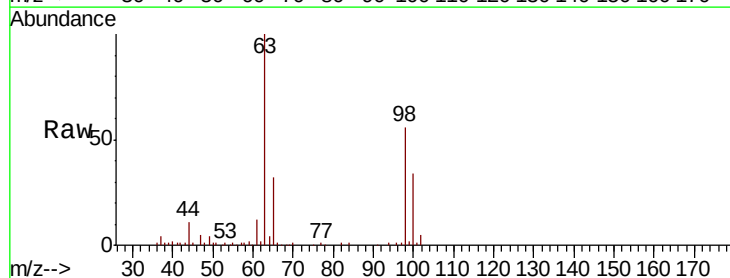
Tgt Ion: 96 Resp: 597

Ion Ratio Lower Upper

96 100

61 1121.6 130.1 241.7#

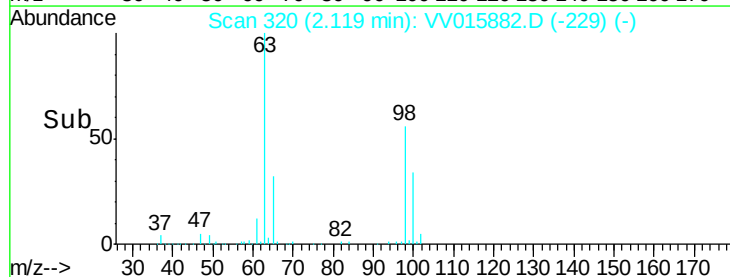
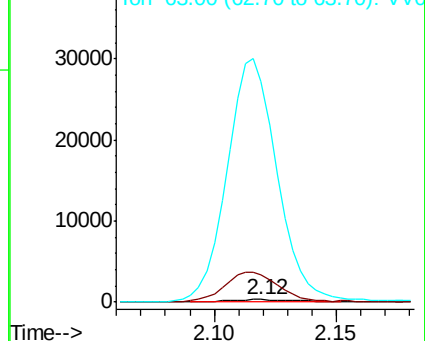
63 9178.4 91.4 169.8#

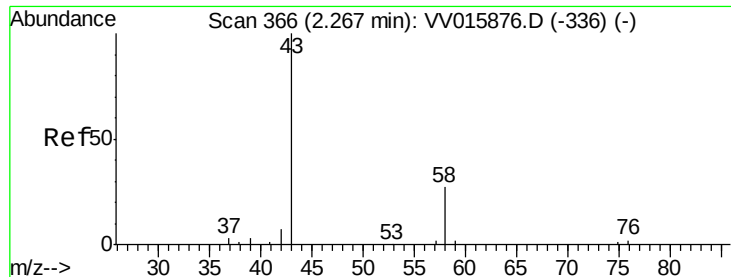


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.557 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VV015882.D

Acq: 04 May 2020 14:11

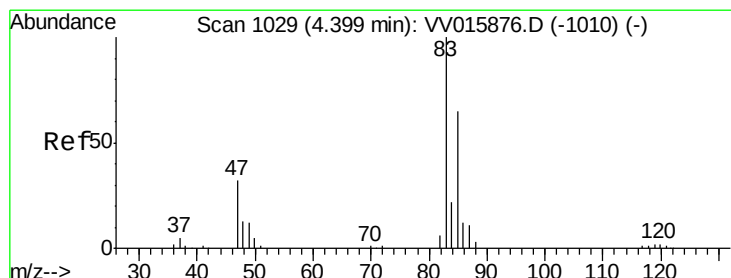
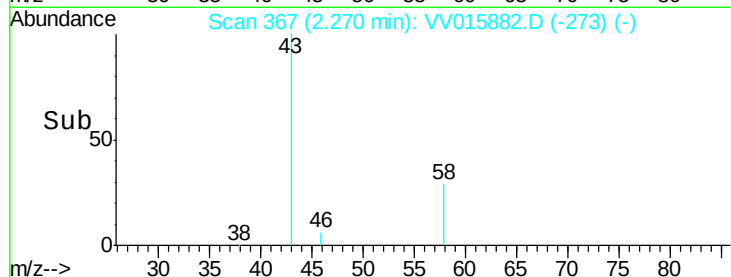
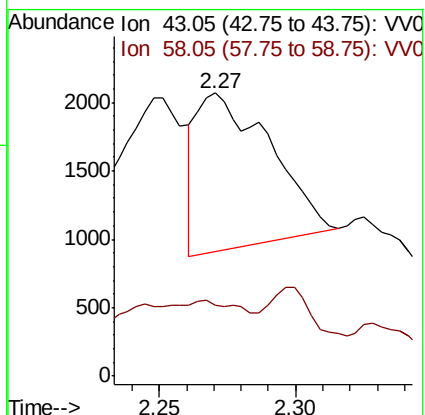
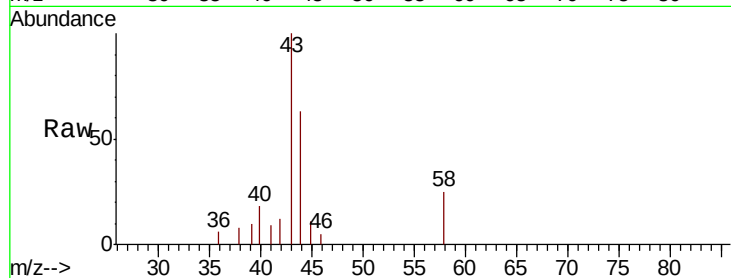
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2136

Ion Ratio Lower Upper

43 100

58 16.1 0.0 57.6



#25

Chloroform

Concen: 0.171 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015882.D

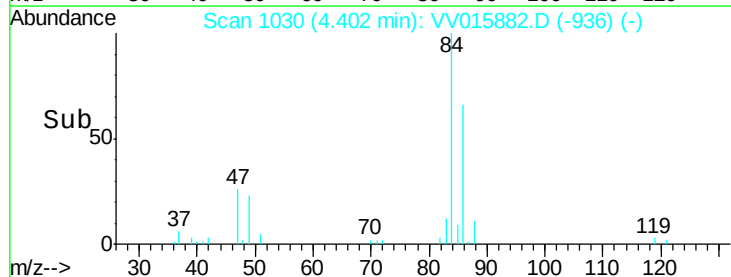
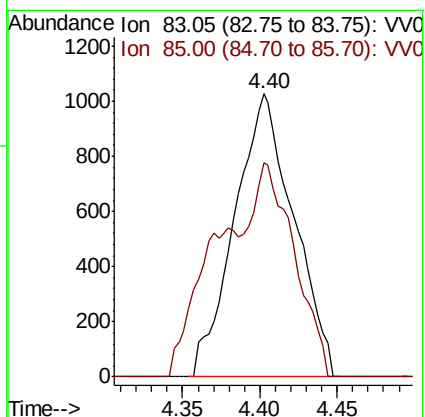
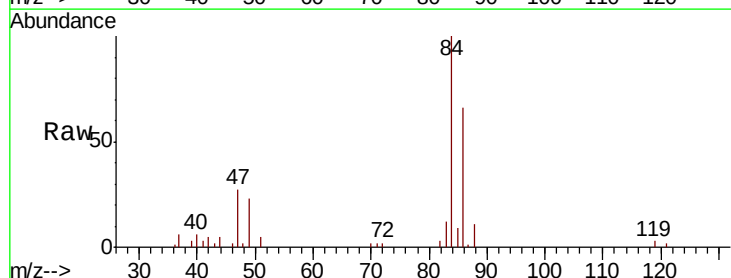
Acq: 04 May 2020 14:11

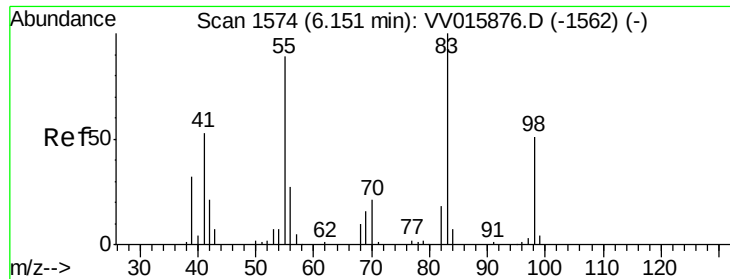
Tgt Ion: 83 Resp: 2730

Ion Ratio Lower Upper

83 100

85 75.8 46.1 85.5

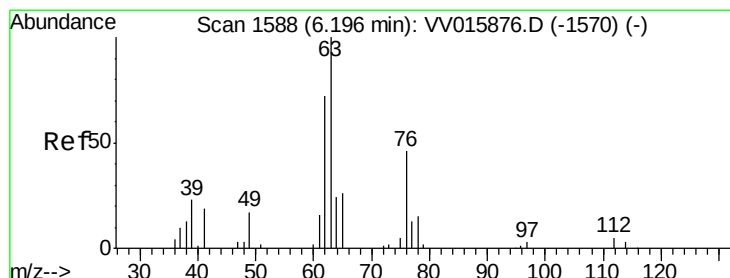
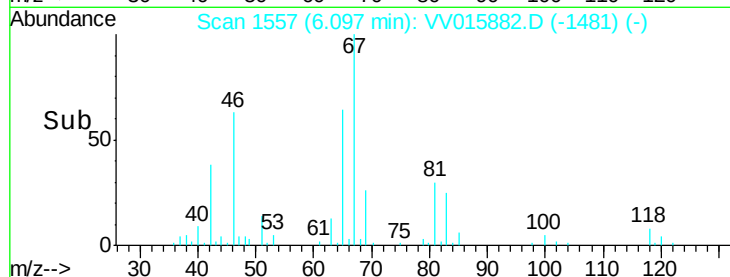
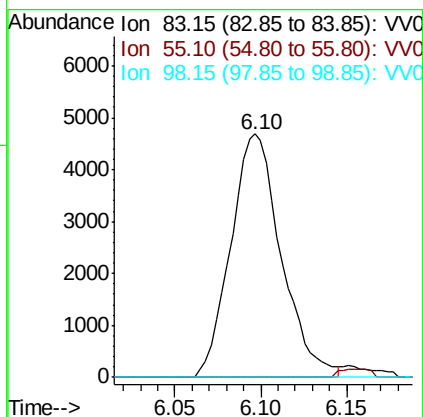
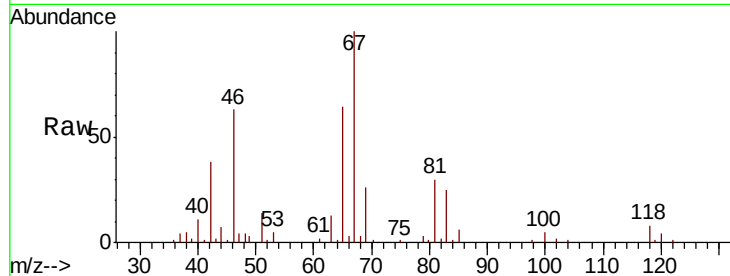




#35
Methylvlcyclohexane
Concen: 0.703 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015882.D
Acq: 04 May 2020 14:11

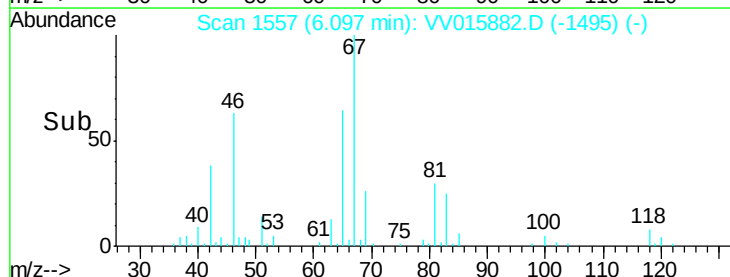
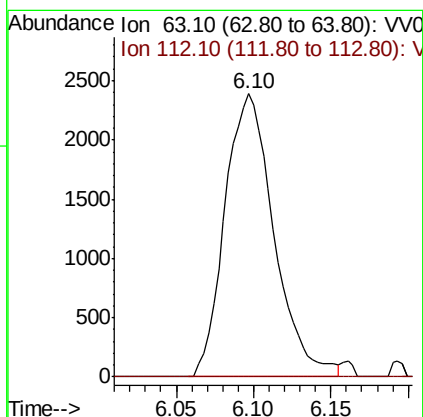
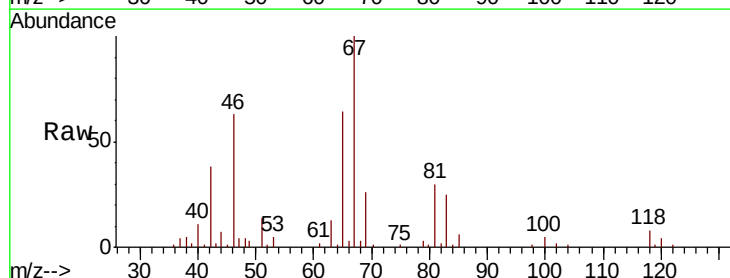
Instrument :
MSVOA_V
ClientSampleId :

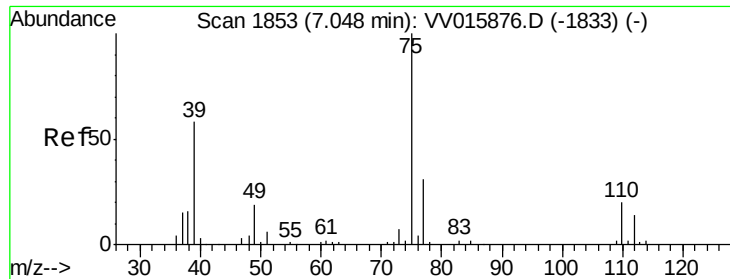
Tot Ion: 83 Resp: 9526
Ion Ratio Lower Upper
83 100
55 2.0 66.6 99.8#
98 0.0 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015882.D
Acq: 04 May 2020 14:11

Tgt Ion: 63 Resp: 5264
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

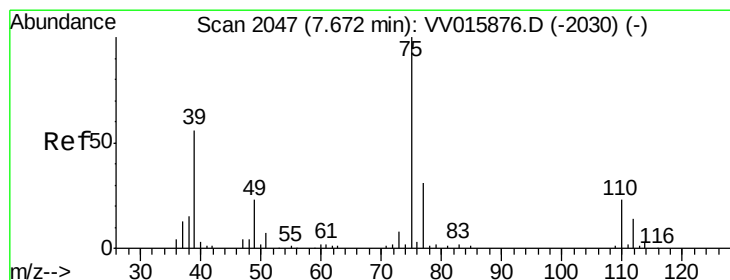
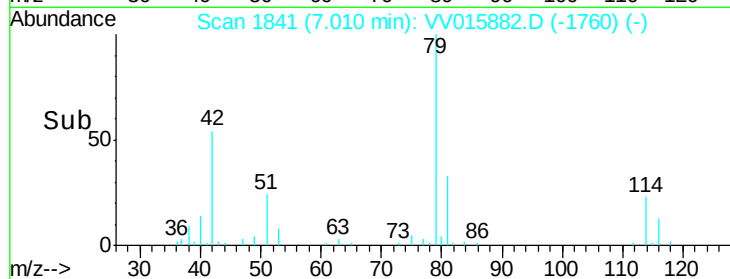
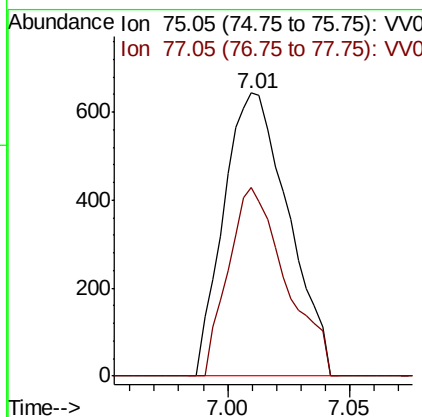
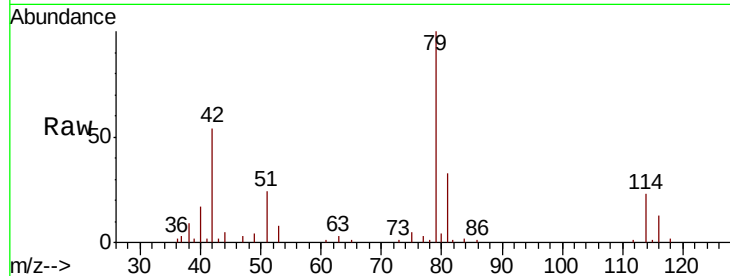




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015882.D
 Acq: 04 May 2020 14:11

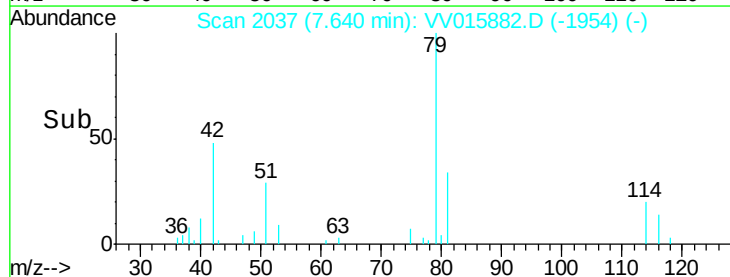
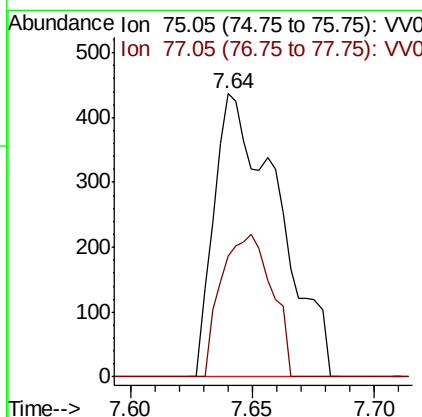
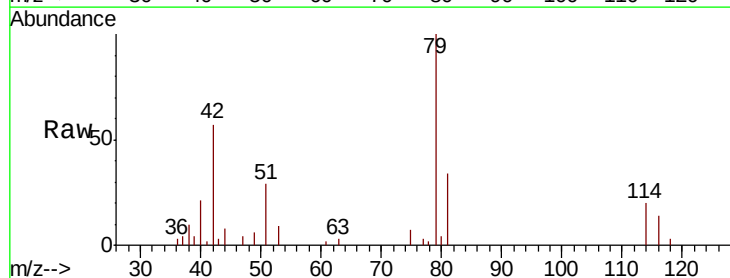
Instrument :
 MSVOA_V
 ClientSampleId :

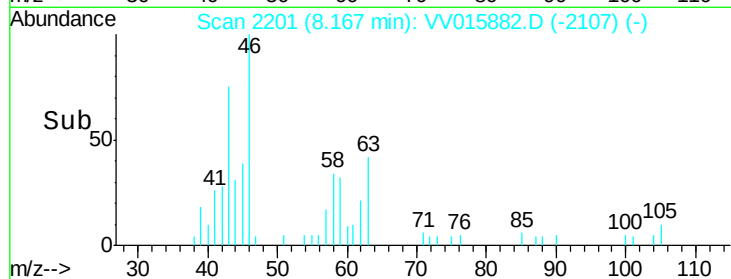
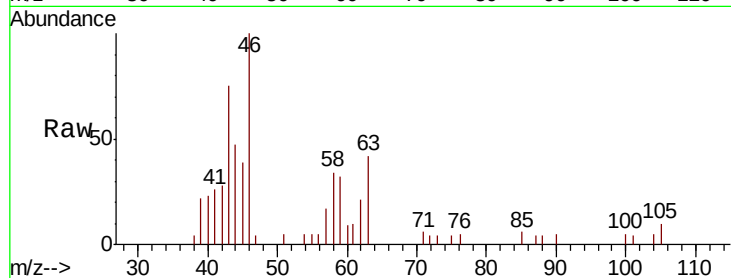
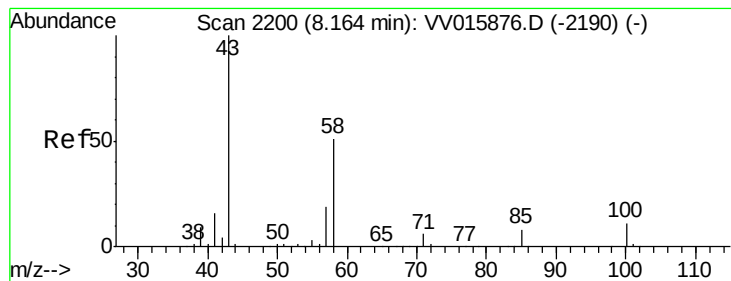
Tot Ion: 75 Resp: 1183
 Ion Ratio Lower Upper
 75 100
 77 66.7 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV015882.D
 Acq: 04 May 2020 14:11

Tgt Ion: 75 Resp: 801
 Ion Ratio Lower Upper
 75 100
 77 42.6 21.8 40.6#





#48
 2-Hexanone
 Concen: 1.506 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: VV015882.D
 Acq: 04 May 2020 14:11

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 5666
 Ion Ratio Lower Upper
 43 100
 58 52.7 41.1 61.7
 57 13.4 15.0 22.4#
 100 7.5 9.0 13.4#

