

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016077.D
 Acq On : 14 May 2020 19:17
 Operator : SY/MD
 Sample : L2661-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 06:32:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144082	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	143924	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39076	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	40208	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.13	63	60982	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.94	46	116221	52.12	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.24%
24) Chloroform-d	4.38	84	84396	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.06	65	49588	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.08	84	168473	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.10	67	54142	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.34	98	146477	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	17771	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
48) 2-Hexanone-d5	8.12	63	91472	50.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.50%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38318	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	56968	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

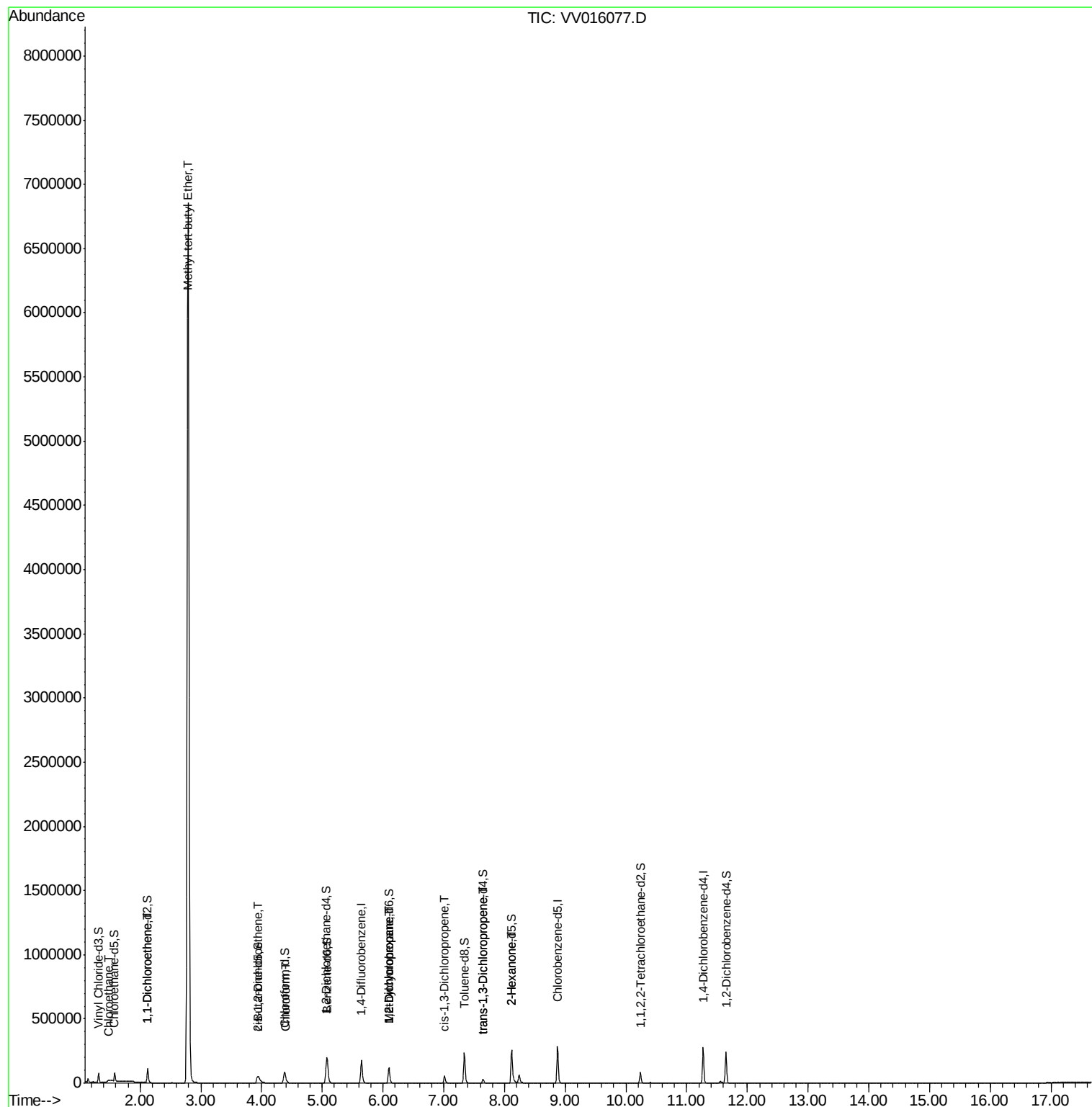
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.50	64	34095	4.477	ug/L #	47
12) 1,1-Dichloroethene	2.13	96	579	0.073	ug/L #	1
17) Methyl tert-butyl Ether	2.79	73	6706875	325.520	ug/L	98
22) cis-1,2-Dichloroethene	3.95	96	1234	0.135	ug/L #	65
25) Chloroform	4.41	83	5279	0.284	ug/L	98
35) Methylcyclohexane	6.10	83	13352	0.854	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6450	0.701	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1669	0.128	ug/L #	82
46) trans-1,3-Dichloropropene	7.65	75	900	0.082	ug/L #	73
50) 2-Hexanone	8.12	43	14938	3.684	ug/L #	75

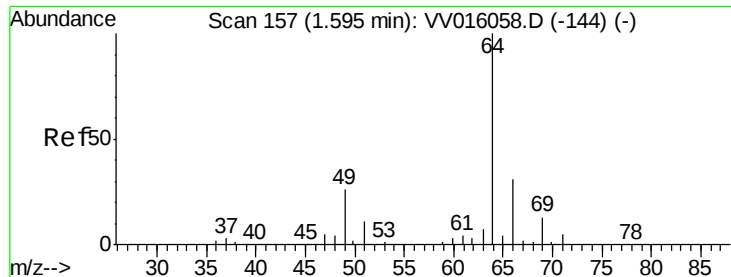
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 15 06:27:04 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 4.477 ug/L

RT: 1.50 min Scan# 126

Delta R.T. -0.10 min

Lab File: VV016077.D

Acq: 14 May 2020 19:17

Instrument :

MSVOA_V

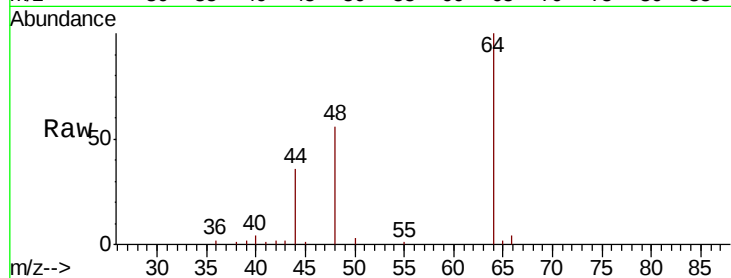
ClientSampled :

Tot Ion: 64 Resp: 34095

Ion Ratio Lower Upper

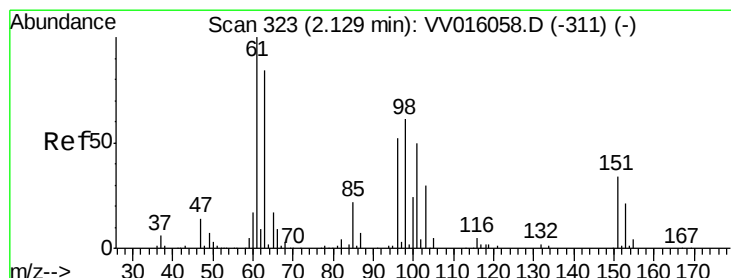
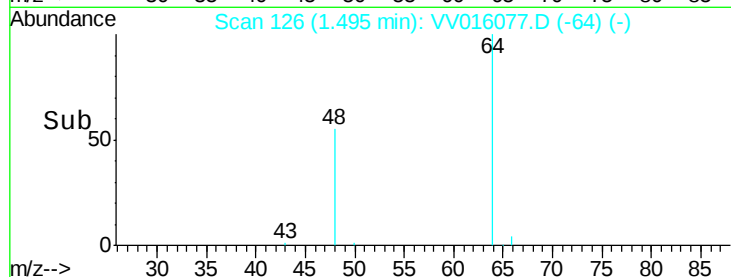
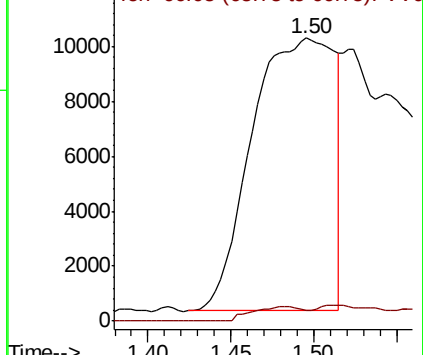
64 100

66 3.7 23.6 43.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016077.D

Acq: 14 May 2020 19:17

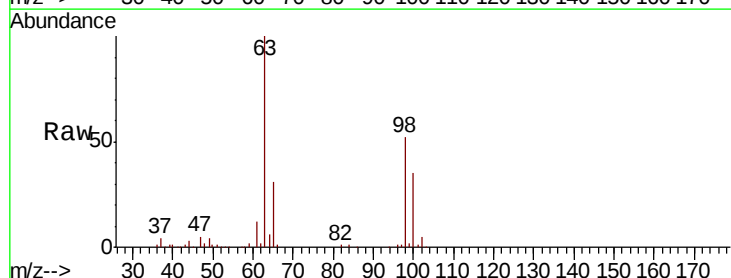
Tgt Ion: 96 Resp: 579

Ion Ratio Lower Upper

96 100

61 1360.4 139.9 259.7#

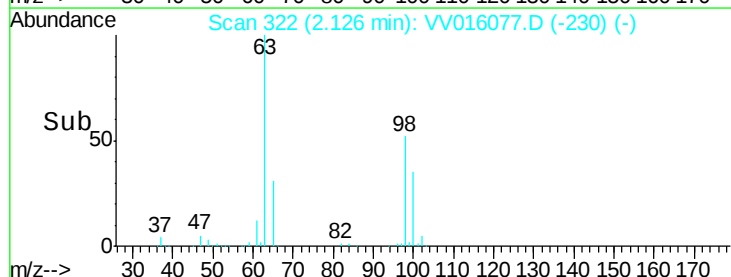
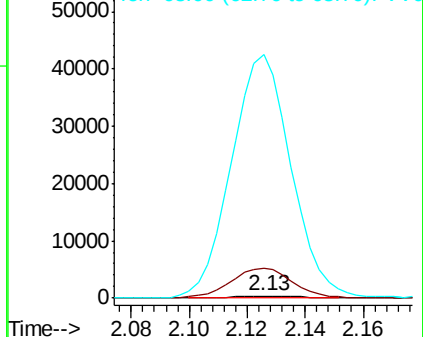
63 11009.3 106.4 197.6#

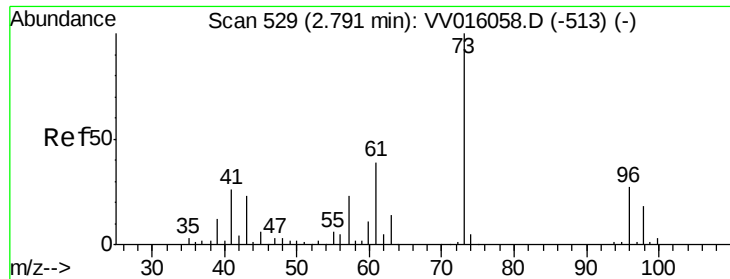


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

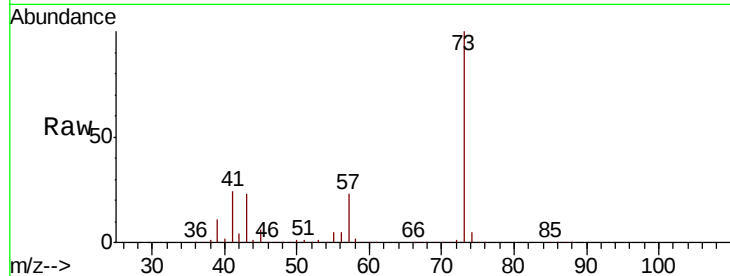




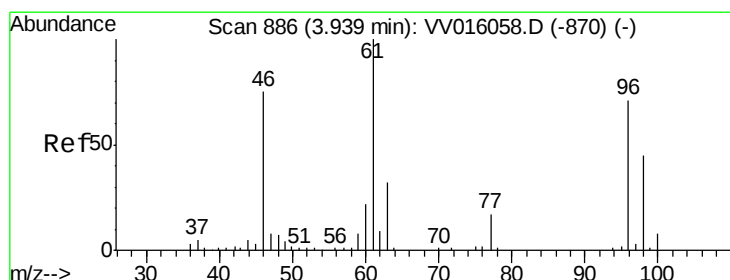
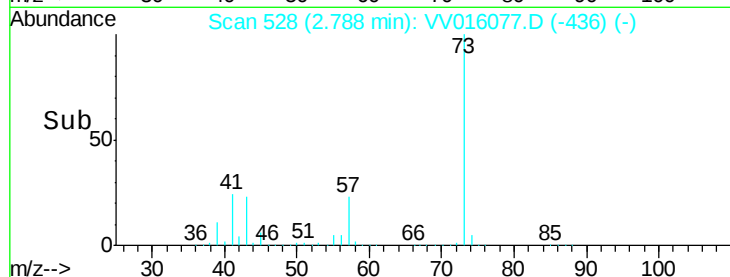
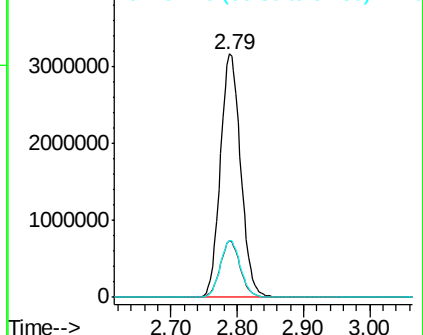
#17
Methvl tert-butvl Ether
Concen: 325.520 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV016077.D
Acq: 14 May 2020 19:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 73 Resp: 6706875
Ion Ratio Lower Upper
73 100
43 22.9 18.8 28.2
57 23.1 17.8 26.6

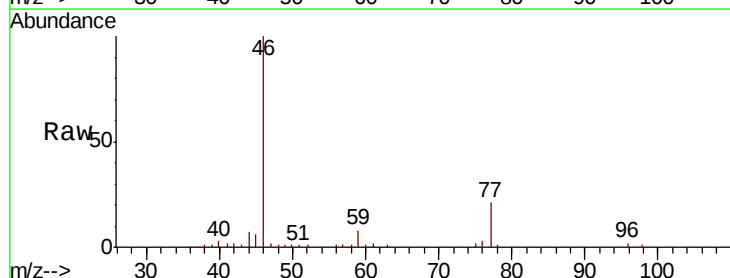


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

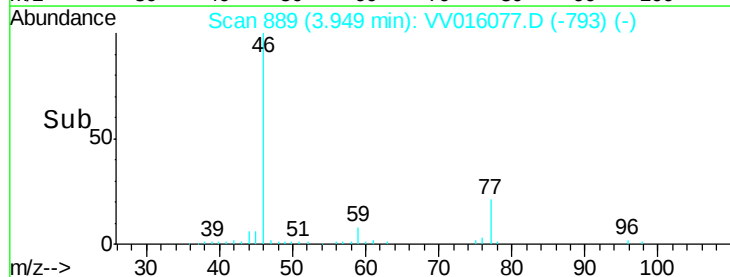
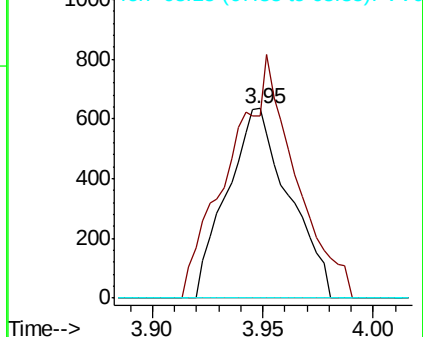


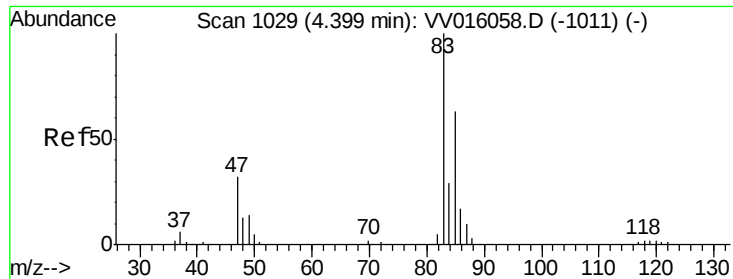
#22
cis-1,2-Dichloroethene
Concen: 0.135 ug/L
RT: 3.95 min Scan# 889
Delta R.T. 0.01 min
Lab File: VV016077.D
Acq: 14 May 2020 19:17

Tgt Ion: 96 Resp: 1234
Ion Ratio Lower Upper
96 100
61 96.4 97.2 180.6#
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0

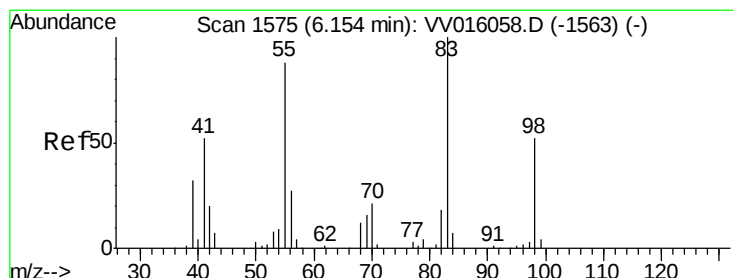
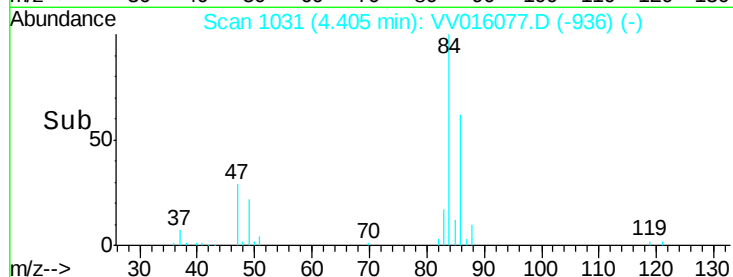
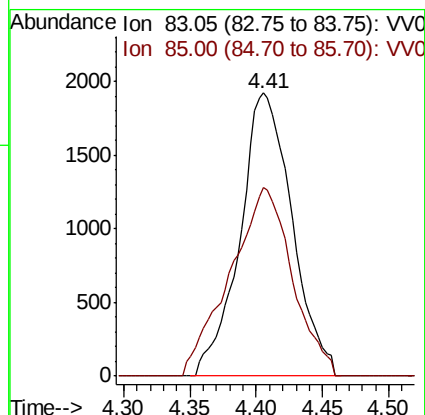
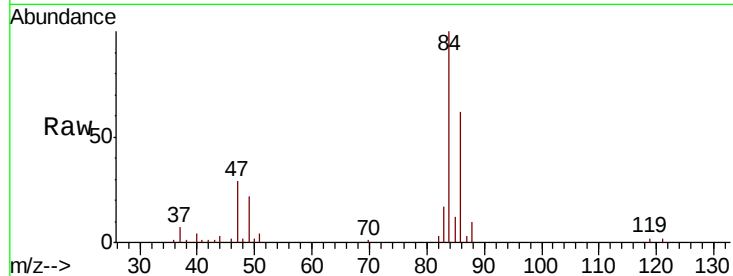




#25
Chloroform
Concen: 0.284 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016077.D
Acq: 14 May 2020 19:17

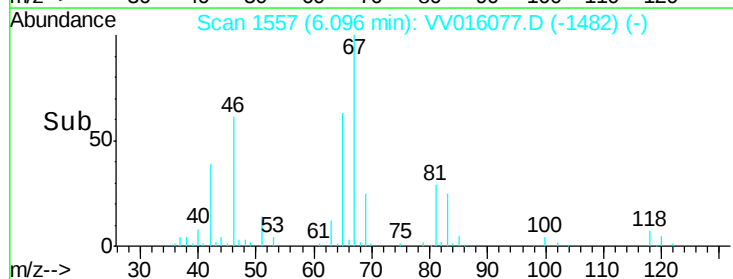
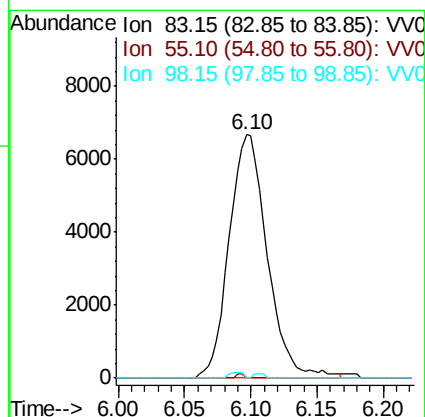
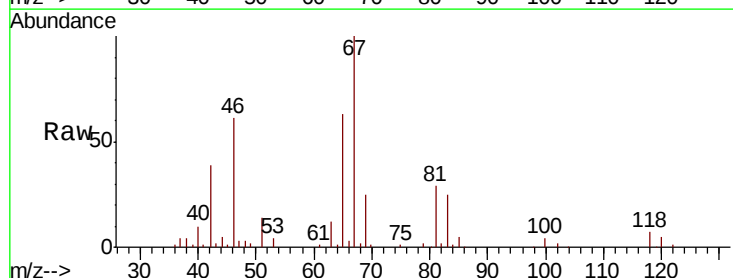
Instrument :
MSVOA_V
ClientSampleId :

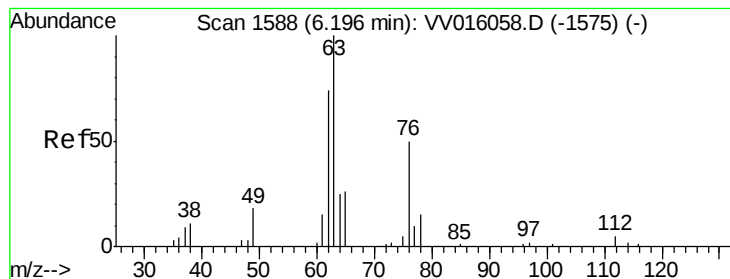
Tot Ion: 83 Resp: 5279
Ion Ratio Lower Upper
83 100
85 66.7 45.7 84.9



#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016077.D
Acq: 14 May 2020 19:17

Tgt Ion: 83 Resp: 13352
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.2#
98 0.5 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.701 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016077.D

Acq: 14 May 2020 19:17

Instrument :

MSVOA_V

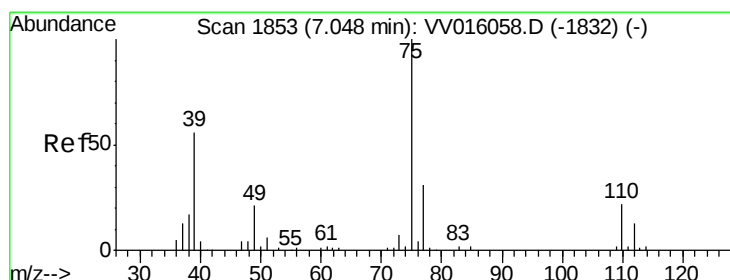
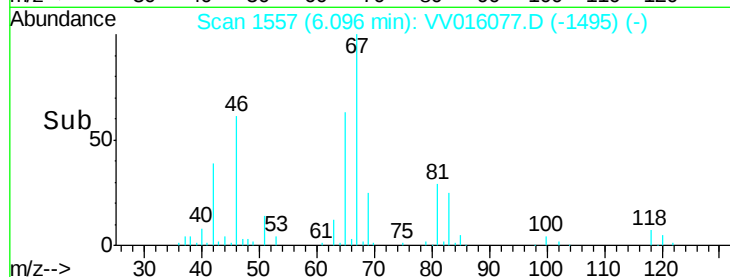
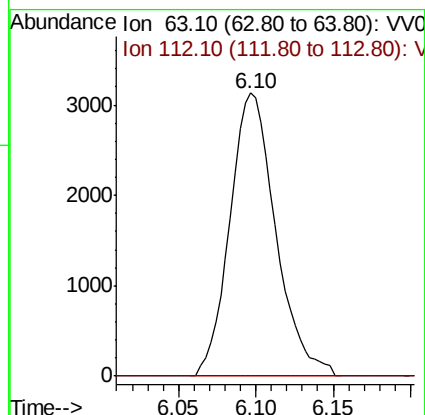
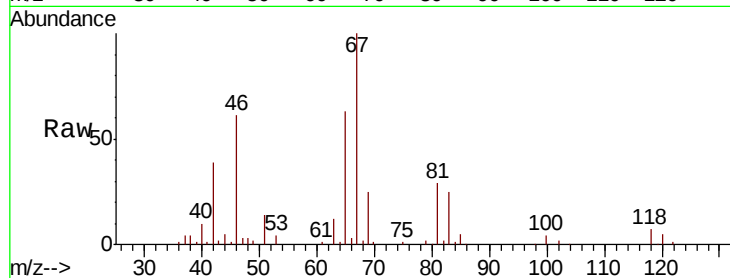
ClientSampleId :

Tot Ion: 63 Resp: 6450

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV016077.D

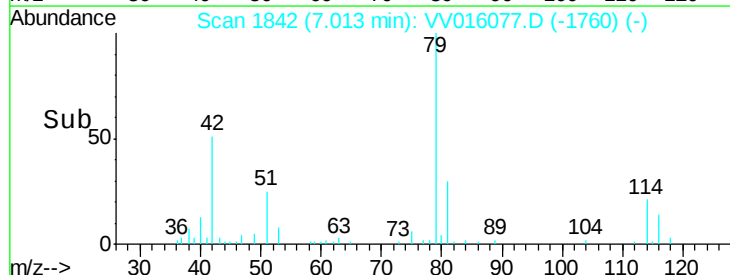
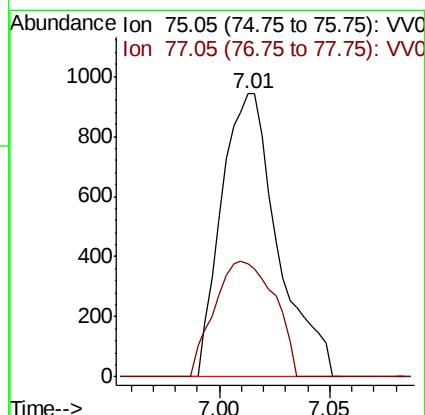
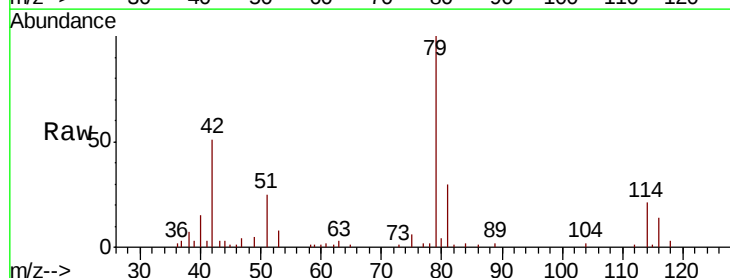
Acq: 14 May 2020 19:17

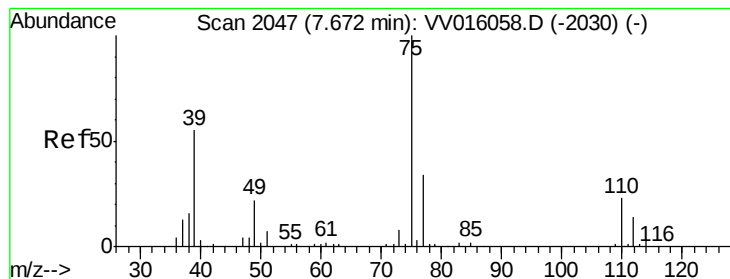
Tgt Ion: 75 Resp: 1669

Ion Ratio Lower Upper

75 100

77 40.0 21.3 39.5#





#46

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016077.D

Acq: 14 May 2020 19:17

Instrument :

MSVOA_V

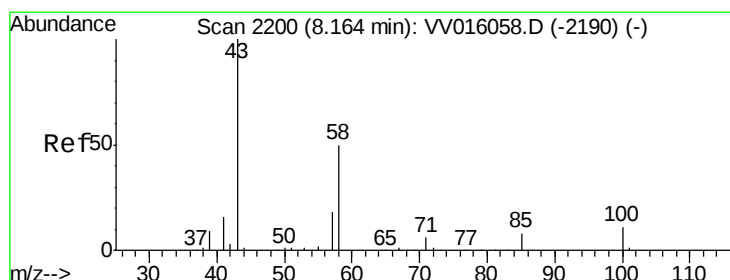
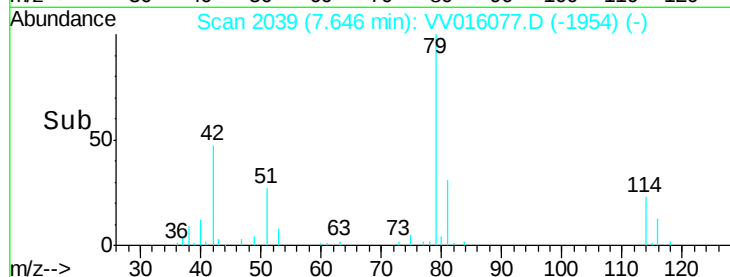
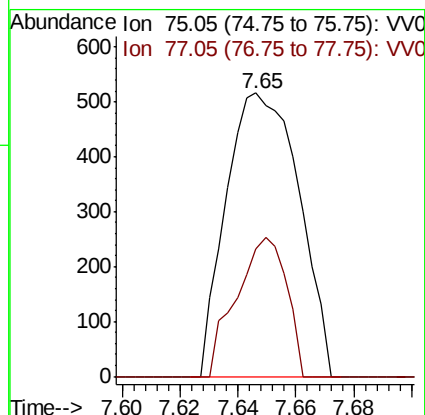
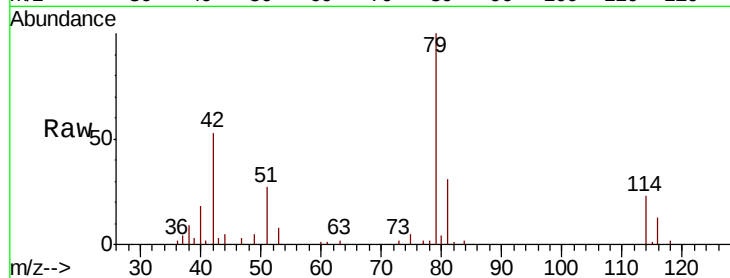
ClientSampleId :

Tot Ion: 75 Resp: 900

Ion Ratio Lower Upper

75 100

77 45.2 21.3 39.6#



#50

2-Hexanone

Concen: 3.684 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016077.D

Acq: 14 May 2020 19:17

Tgt Ion: 43 Resp: 14938

Ion Ratio Lower Upper

43 100

58 29.9 40.8 61.2#

57 22.4 14.7 22.1#

100 0.6 9.0 13.6#

