

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015861.D
 Acq On : 01 May 2020 16:29
 Operator : SY/MD
 Sample : L2437-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:11:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 02 00:06:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121556	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	117603	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54174	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32540	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.58	69	29591	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.12	63	49247	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.94	46	97265	47.69	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.38%
24) Chloroform-d	4.38	84	70551	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.06	65	40892	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.08	84	132144	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.09	67	42483	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.34	98	117331	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.65	79	14057	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.11	63	65149	38.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28764	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	42927	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

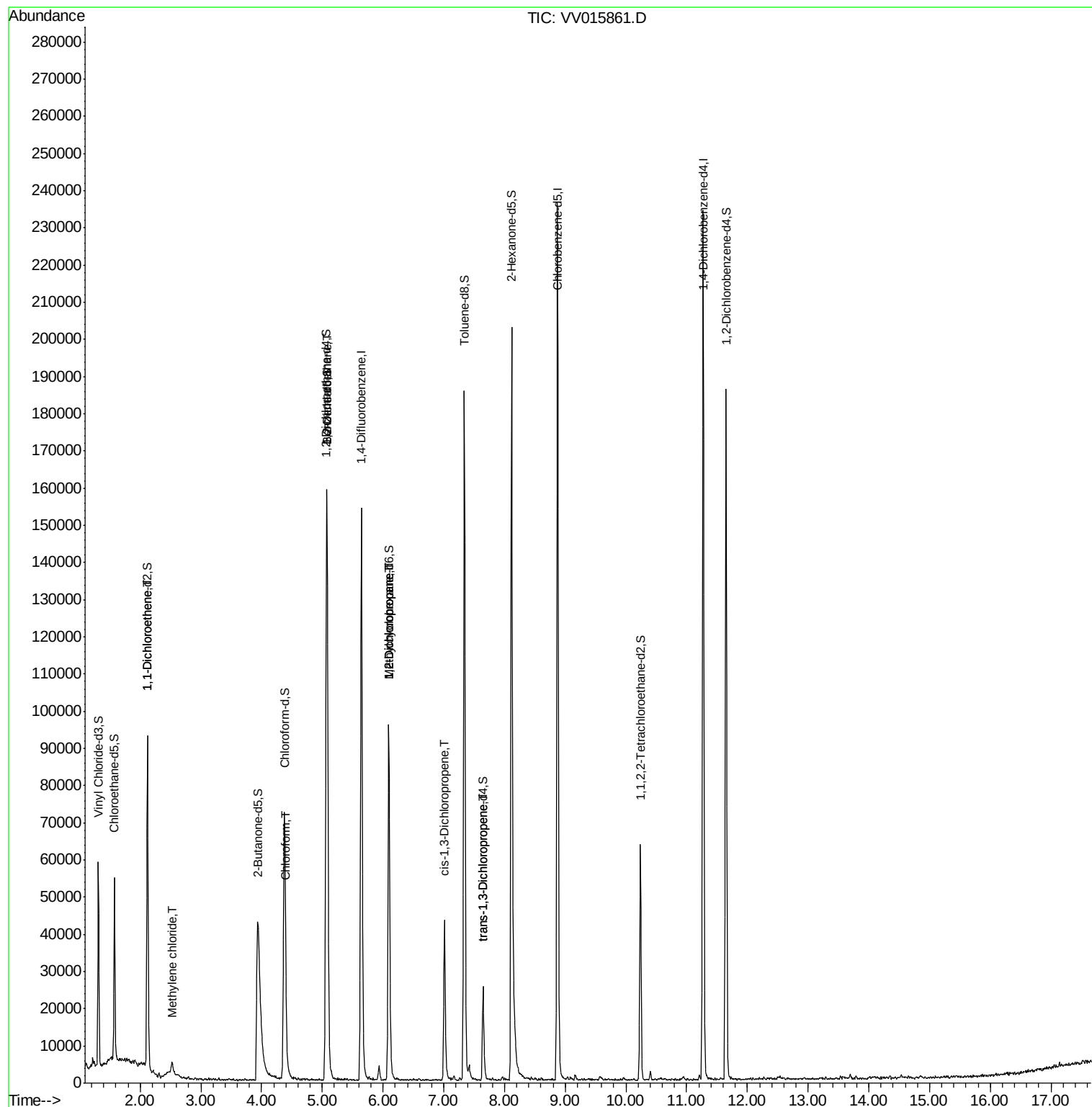
					Ovalue
12) 1,1-Dichloroethene	2.12	96	628	0.089 ug/L #	1
16) Methylene chloride	2.52	84	885	0.101 ug/L #	90
25) Chloroform	4.41	83	2035	0.123 ug/L	79
27) 1,2-Dichloroethane	5.08	62	859	0.079 ug/L #	78
35) Methylcyclohexane	6.09	83	10124	0.711 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5430	0.636 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1315	0.110 ug/L	95
44) trans-1,3-Dichloropropene	7.64	75	958	0.096 ug/L #	32

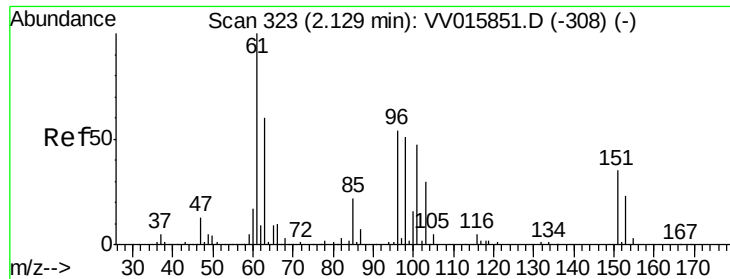
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 02 00:06:27 2020
Response via : Initial Calibration

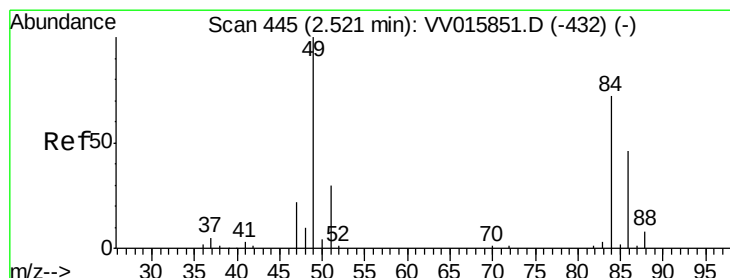
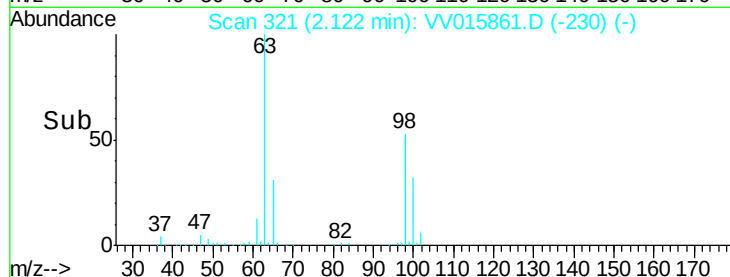
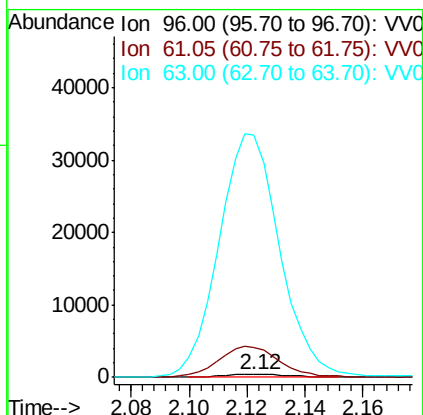
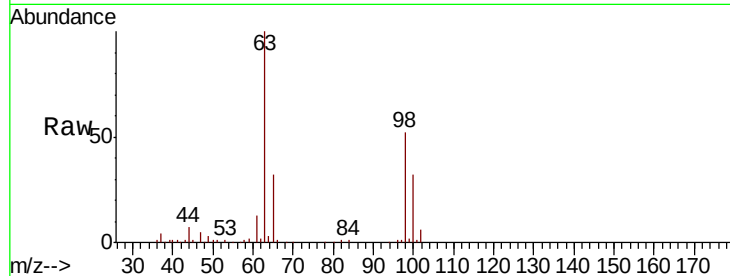




#12
 1,1-Dichloroethene
 Concen: 0.089 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV015861.D
 Acq: 01 May 2020 16:29

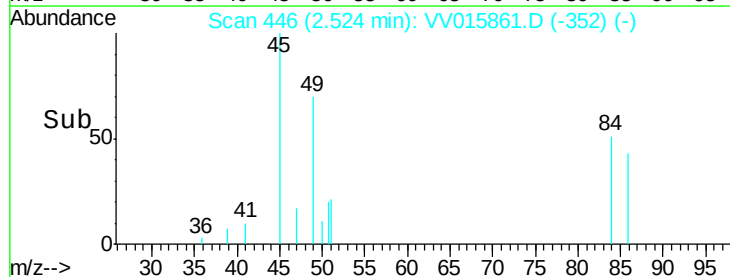
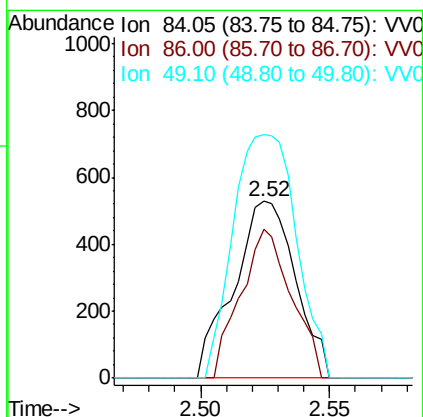
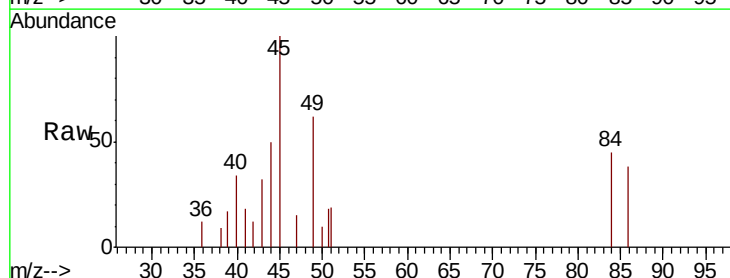
Instrument :
 MSVOA_V
 ClientSampleId :

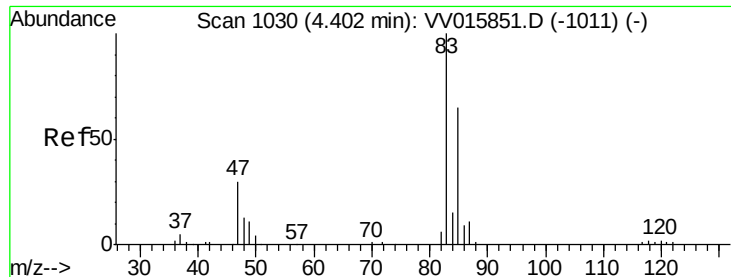
Tot Ion: 96 Resp: 628
 Ion Ratio Lower Upper
 96 100
 61 1069.0 130.1 241.7#
 63 8477.2 91.4 169.8#



#16
 Methylene chloride
 Concen: 0.101 ug/L
 RT: 2.52 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: VV015861.D
 Acq: 01 May 2020 16:29

Tgt Ion: 84 Resp: 885
 Ion Ratio Lower Upper
 84 100
 86 84.1 45.1 83.7#
 49 137.9 94.4 175.4

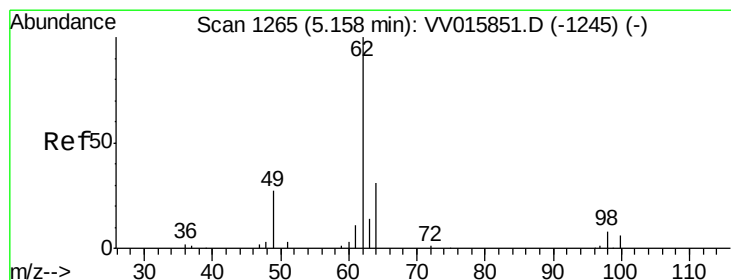
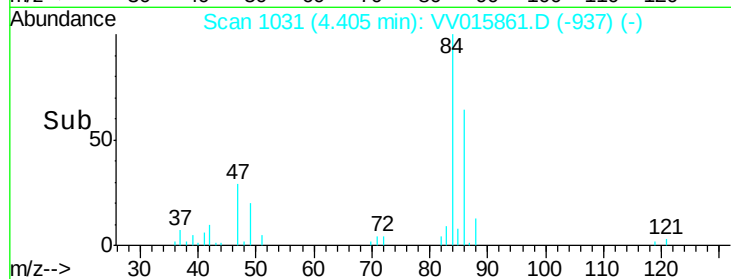
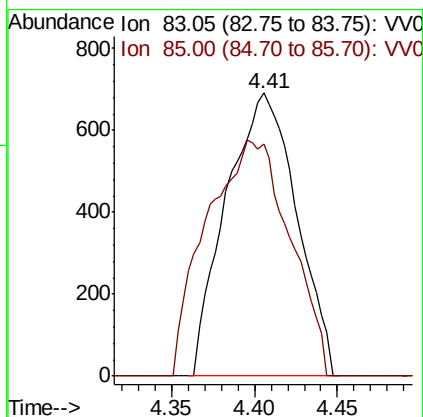
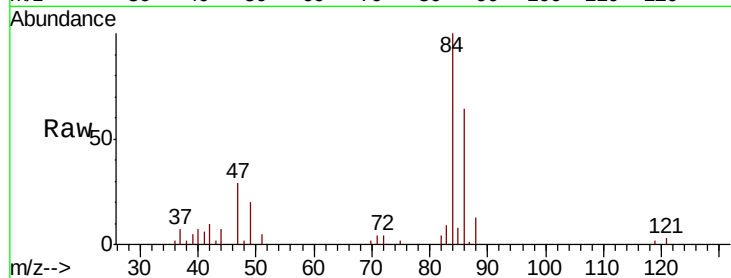




#25
Chloroform
Concen: 0.123 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015861.D
Acq: 01 May 2020 16:29

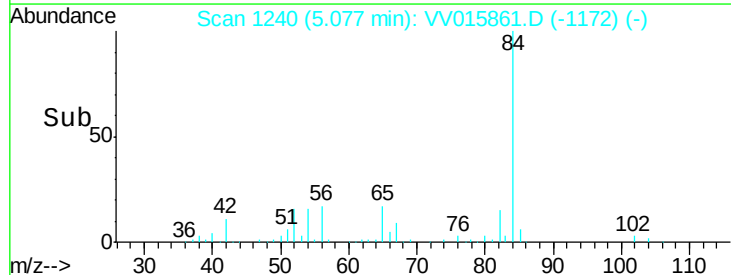
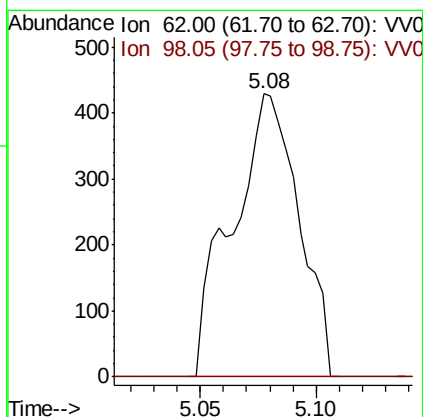
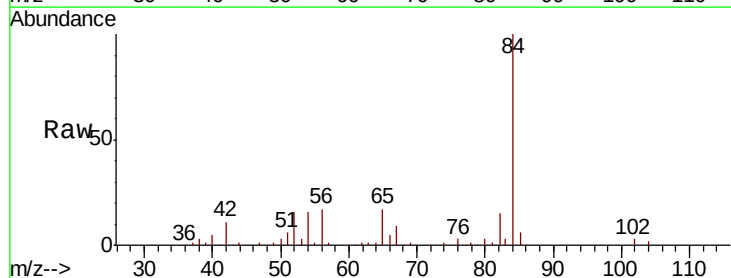
Instrument :
MSVOA_V
ClientSampleId :

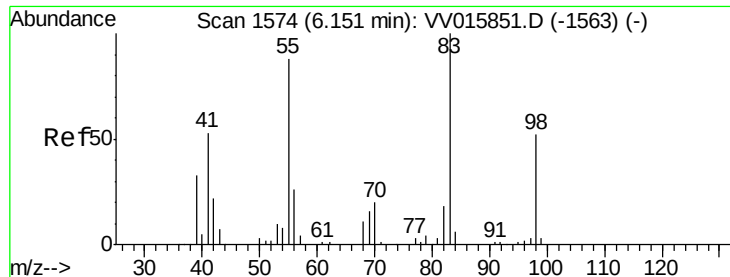
Tot Ion: 83 Resp: 2035
Ion Ratio Lower Upper
83 100
85 82.2 46.1 85.5



#27
1,2-Dichloroethane
Concen: 0.079 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015861.D
Acq: 01 May 2020 16:29

Tgt Ion: 62 Resp: 859
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#





#35

Methylvlcyclohexane

Concen: 0.711 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015861.D

Acq: 01 May 2020 16:29

Instrument :

MSVOA_V

ClientSampleId :

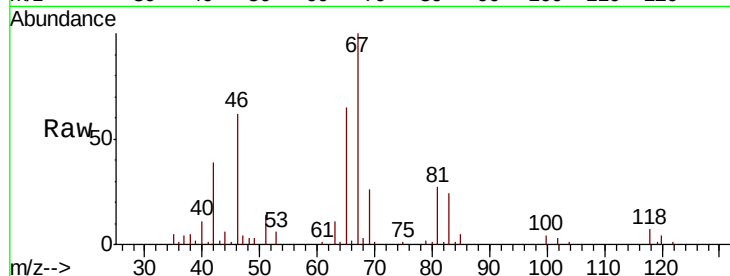
Tot Ion: 83 Resp: 10124

Ion Ratio Lower Upper

83 100

55 0.8 66.6 99.8#

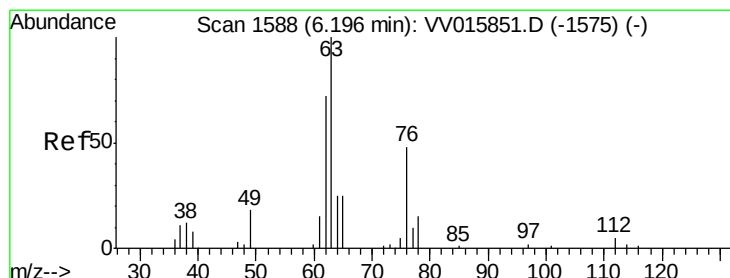
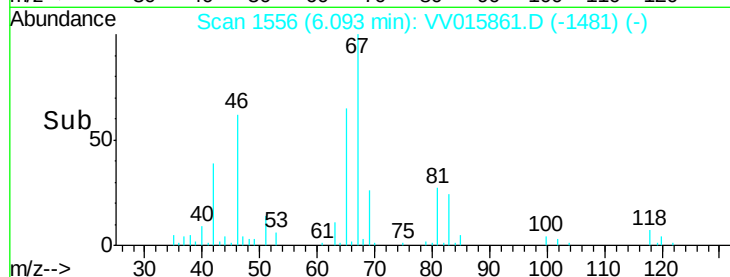
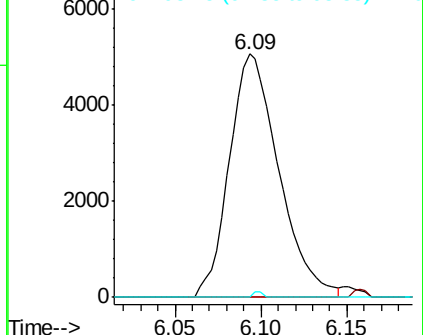
98 0.4 39.5 59.3#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.636 ug/L

RT: 6.10 min Scan# 1558

Delta R.T. -0.10 min

Lab File: VV015861.D

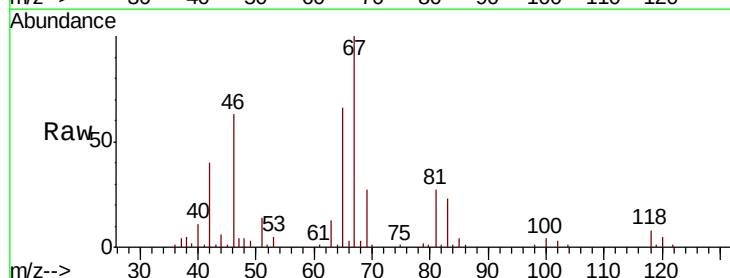
Acq: 01 May 2020 16:29

Tgt Ion: 63 Resp: 5430

Ion Ratio Lower Upper

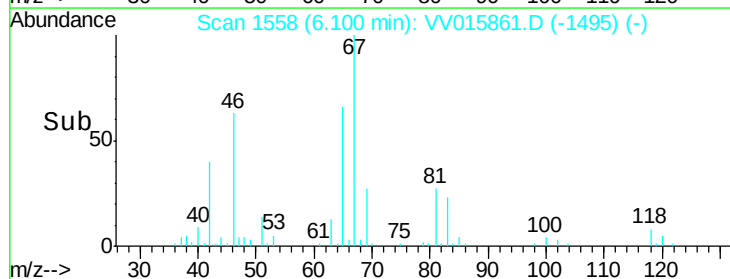
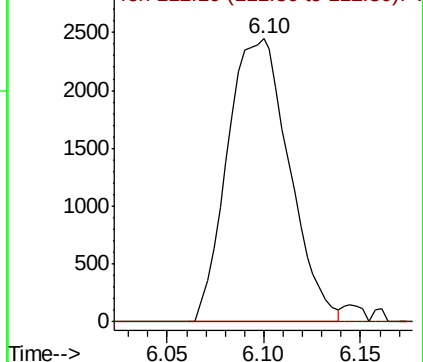
63 100

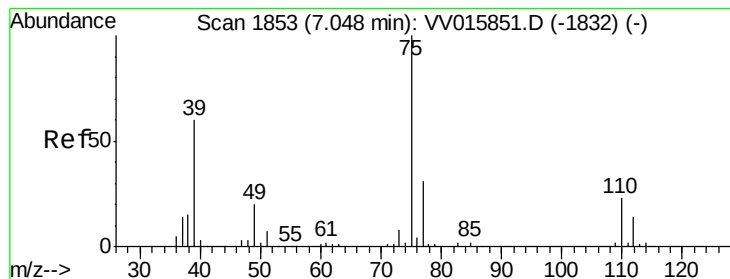
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



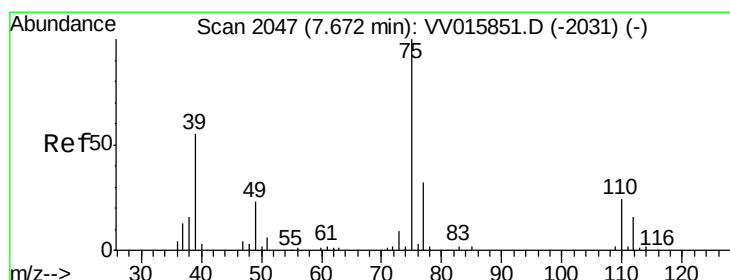
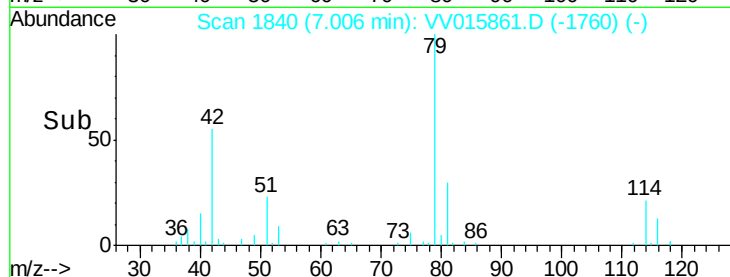
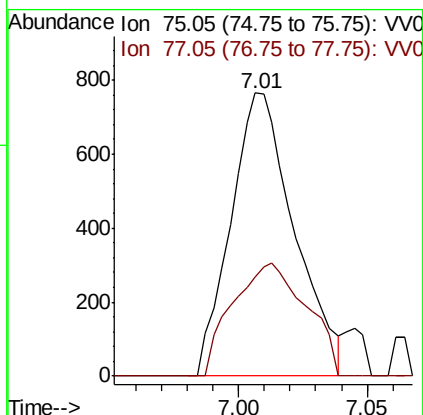
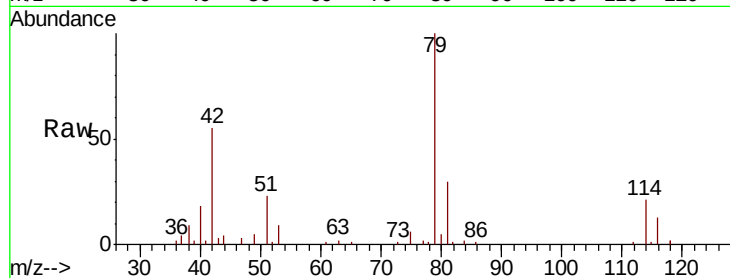


#39

cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV015861.D
Acq: 01 May 2020 16:29

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 1315
Ion Ratio Lower Upper
75 100
77 34.9 22.3 41.5



#44

trans-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015861.D
Acq: 01 May 2020 16:29

Tgt Ion: 75 Resp: 958
Ion Ratio Lower Upper
75 100
77 68.8 21.8 40.6#

