

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050420\
 Data File : VV015883.D
 Acq On : 04 May 2020 14:34
 Operator : SY/MD
 Sample : L2471-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 05 01:31:46 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	118676	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	113350	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53722	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31442	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.57	69	29463	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.12	63	48166	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.96	46	103223	51.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	4.38	84	66490	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.06	65	41309	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.07	84	135210	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.10	67	44063	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.34	98	119460	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.65	79	15152	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.12	63	75907	46.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30686	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	45429	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

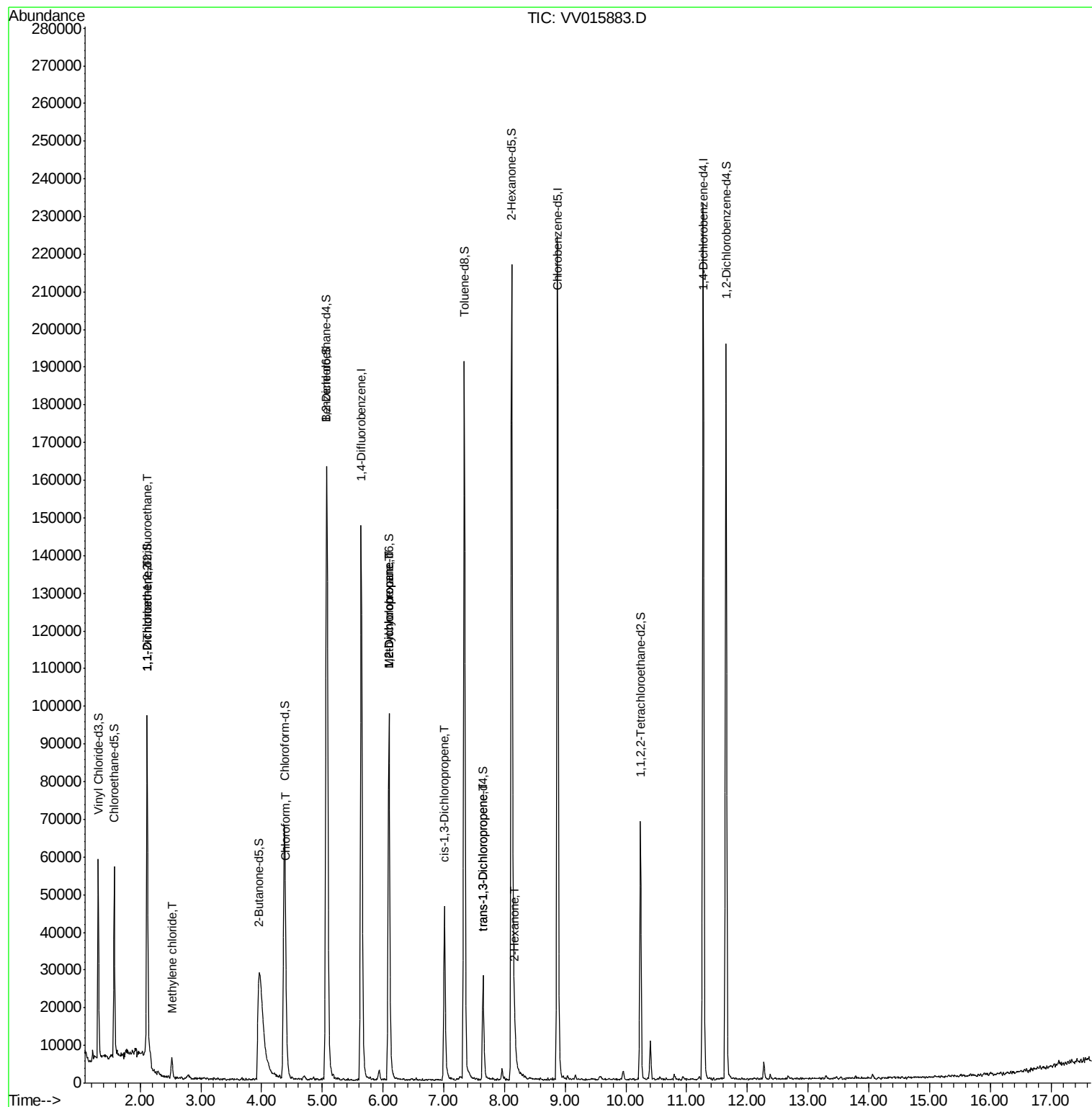
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	598	0.080 ug/L #	42
12) 1,1-Dichloroethene	2.12	96	636	0.092 ug/L #	1
16) Methylene chloride	2.52	84	1964	0.230 ug/L	82
25) Chloroform	4.40	83	7619	0.473 ug/L	93
35) Methylcyclohexane	6.10	83	10682	0.778 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5509	0.669 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1677	0.146 ug/L	94
44) trans-1,3-Dichloropropene	7.64	75	877	0.091 ug/L	96
48) 2-Hexanone	8.17	43	5322	1.397 ug/L #	92

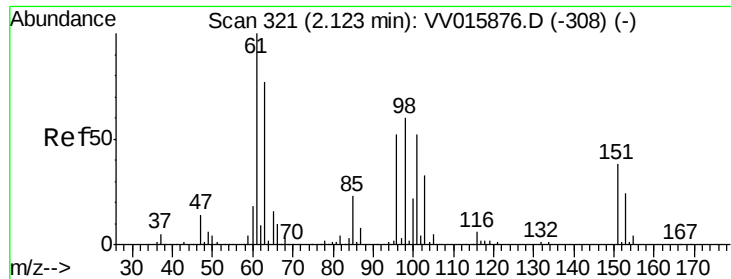
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 05 01:28:45 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.080 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV015883.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_V

ClientSampled :

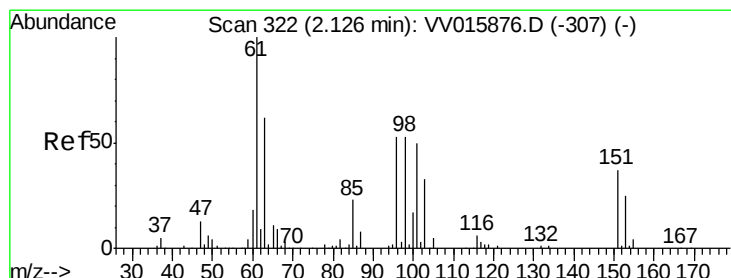
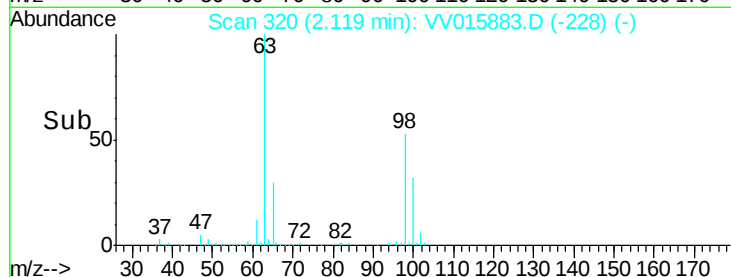
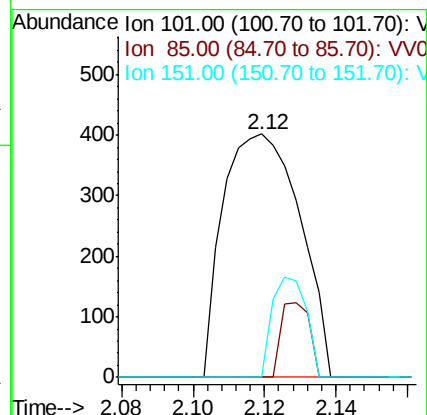
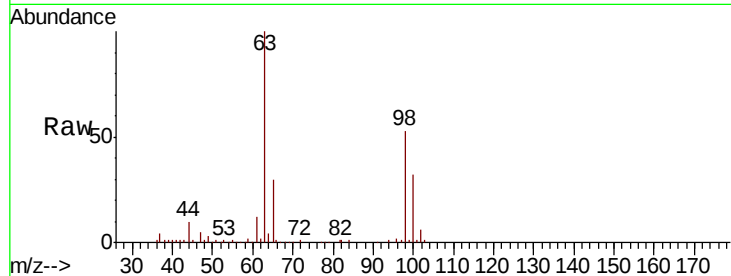
Tot Ion:101 Resp: 598

Ion Ratio Lower Upper

101 100

85 11.4 36.1 54.1#

151 18.1 55.2 82.8#



#12

1,1-Dichloroethene

Concen: 0.092 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015883.D

Acq: 04 May 2020 14:34

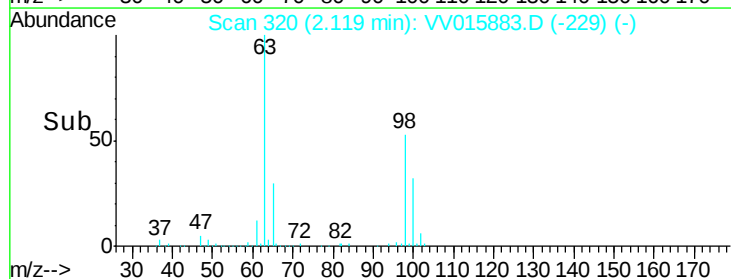
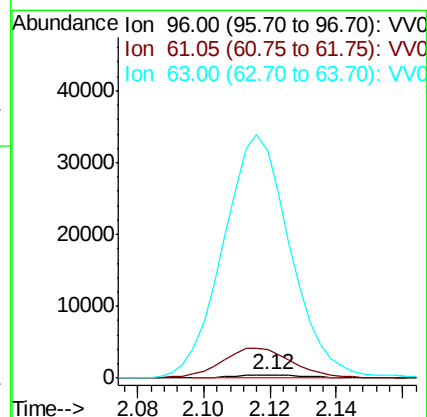
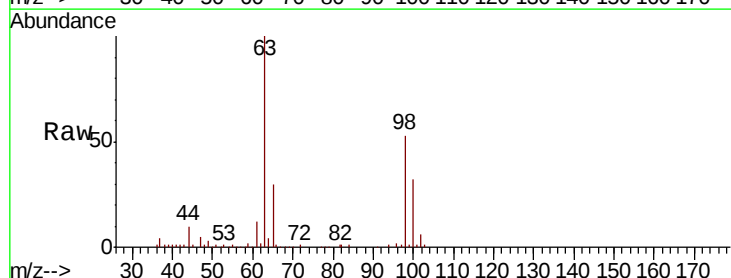
Tgt Ion: 96 Resp: 636

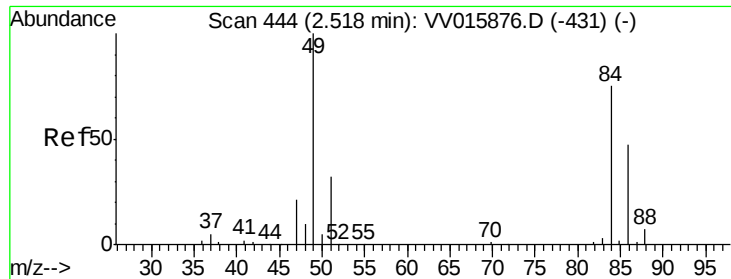
Ion Ratio Lower Upper

96 100

61 815.1 130.1 241.7#

63 6554.4 91.4 169.8#

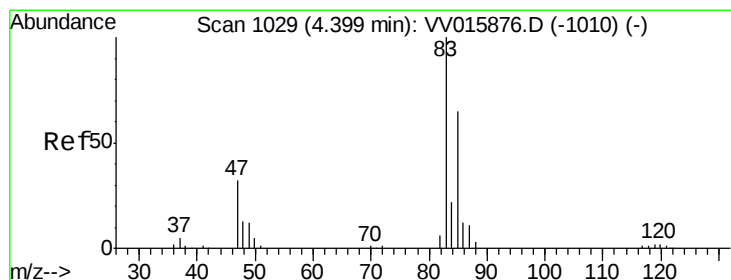
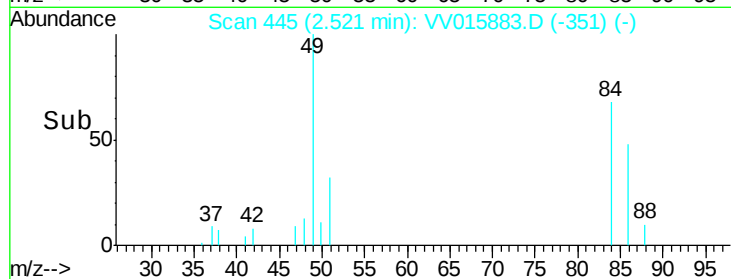
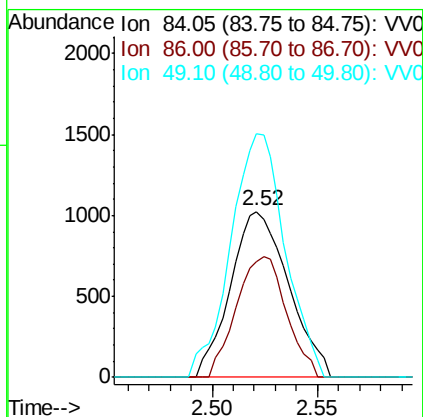
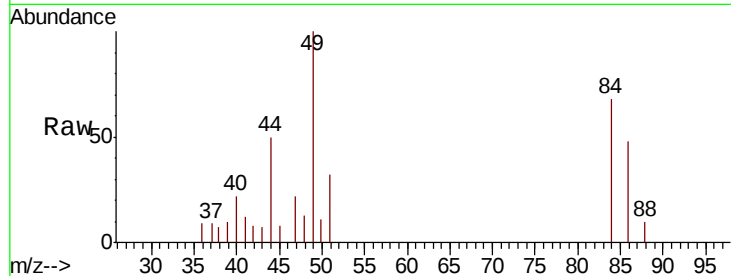




#16
Methvlene chloride
Concen: 0.230 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015883.D
Acq: 04 May 2020 14:34

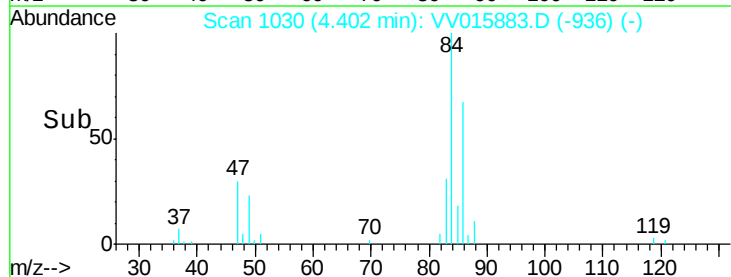
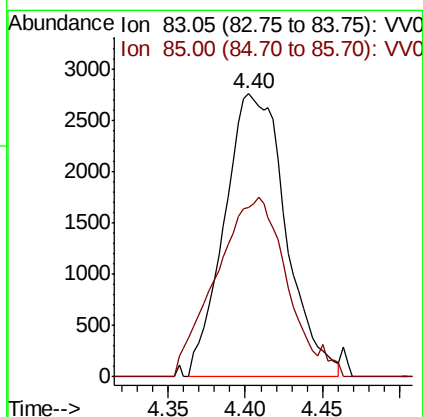
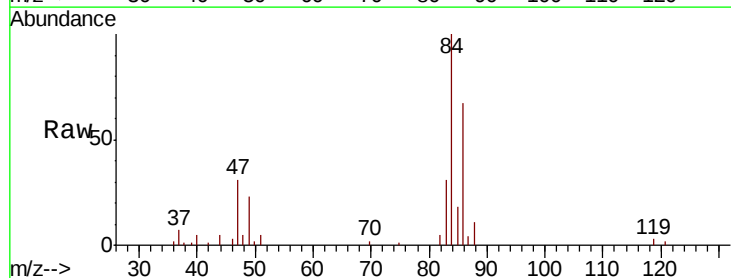
Instrument :
MSVOA_V
ClientSampled :

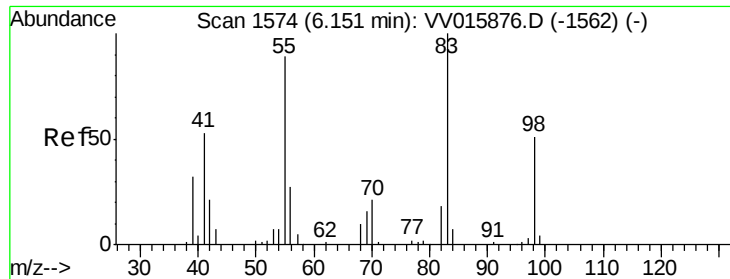
Tot Ion: 84 Resp: 1964
Ion Ratio Lower Upper
84 100
86 69.8 45.1 83.7
49 162.2 94.4 175.4



#25
Chloroform
Concen: 0.473 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015883.D
Acq: 04 May 2020 14:34

Tgt Ion: 83 Resp: 7619
Ion Ratio Lower Upper
83 100
85 59.9 46.1 85.5

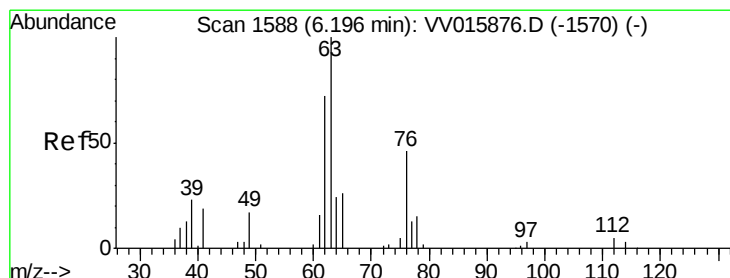
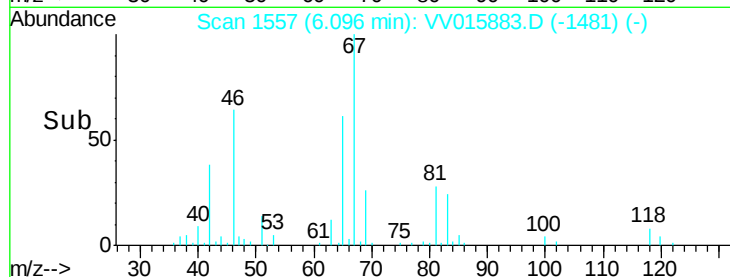
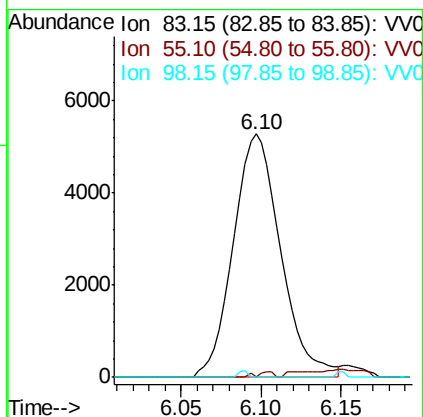
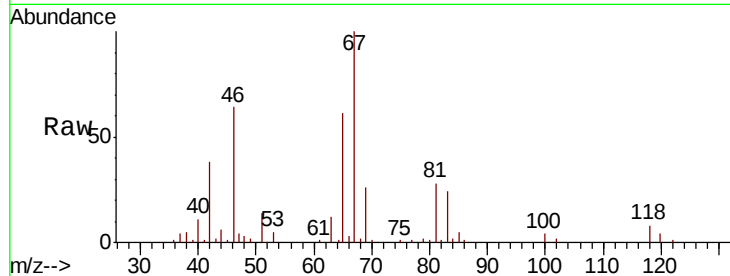




#35
Methvlcvclohexane
Concen: 0.778 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015883.D
Acq: 04 May 2020 14:34

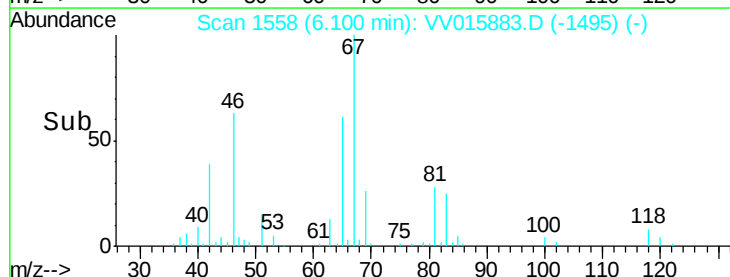
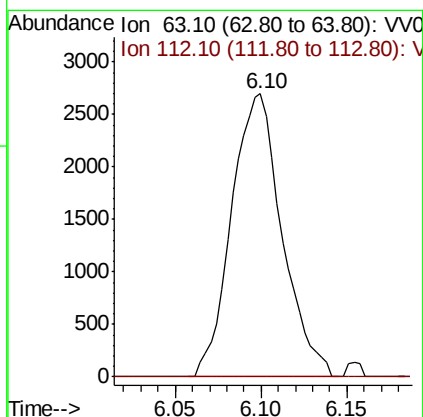
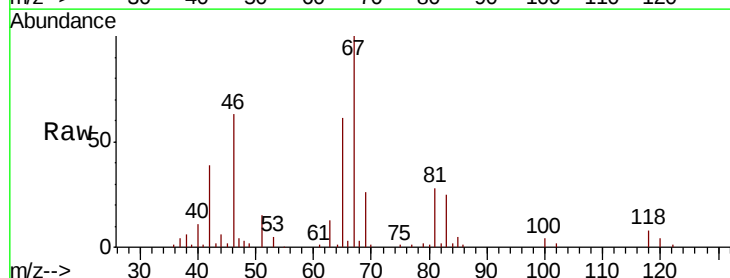
Instrument :
MSVOA_V
ClientSampleId :

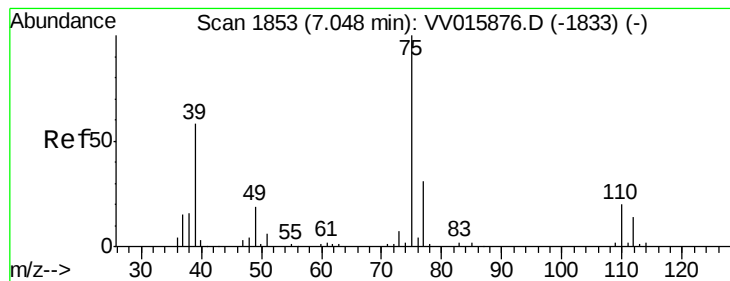
Tot Ion: 83 Resp: 10682
Ion Ratio Lower Upper
83 100
55 0.7 66.6 99.8#
98 0.5 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.669 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV015883.D
Acq: 04 May 2020 14:34

Tgt Ion: 63 Resp: 5509
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



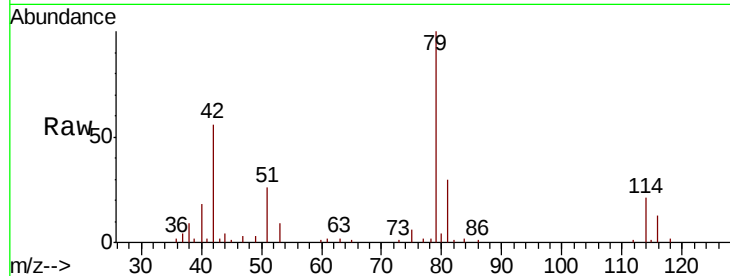


#39

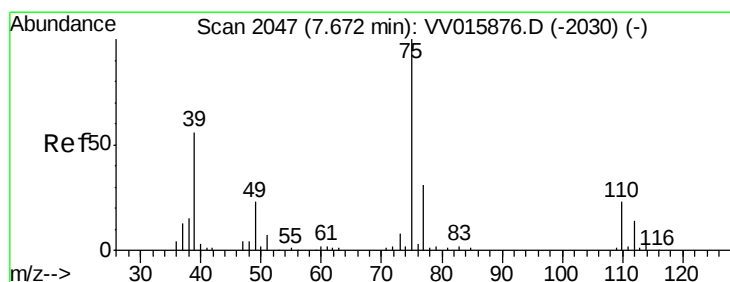
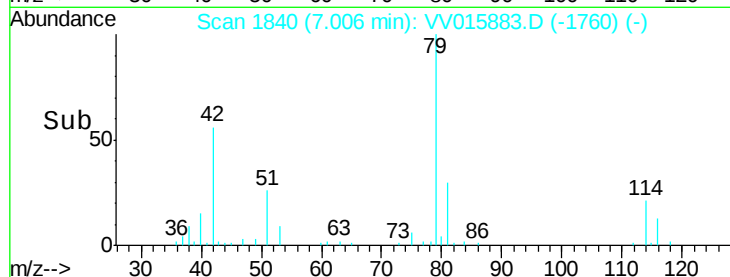
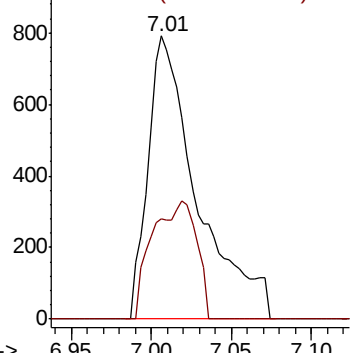
cis-1,3-Dichloropropene
Concen: 0.146 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV015883.D
Acq: 04 May 2020 14:34

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 1677
Ion Ratio Lower Upper
75 100
77 35.4 22.3 41.5



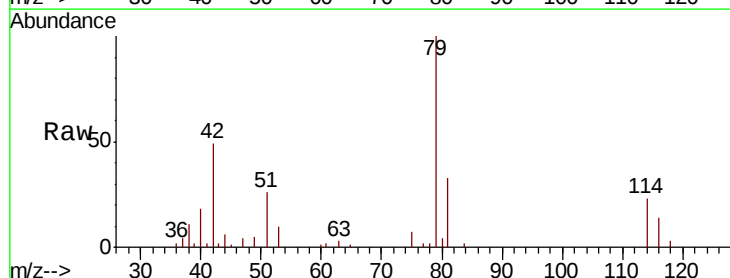
Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0



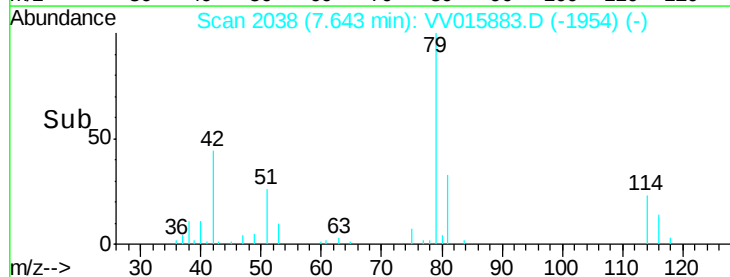
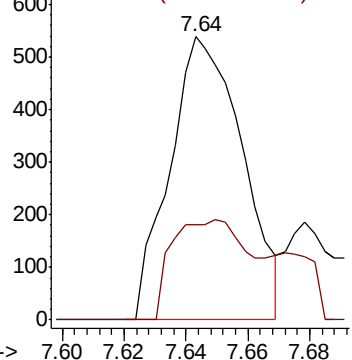
#44

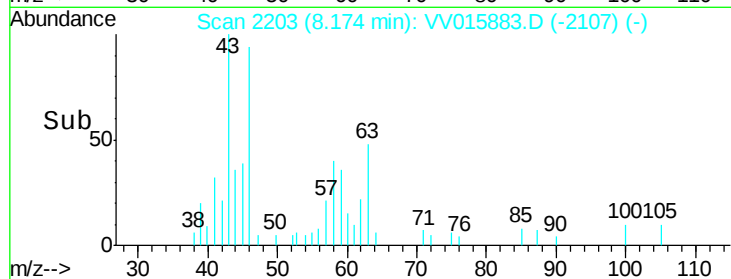
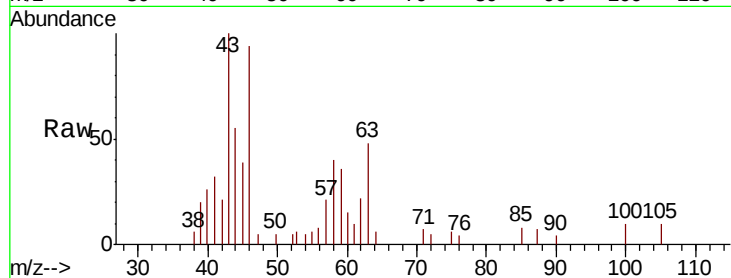
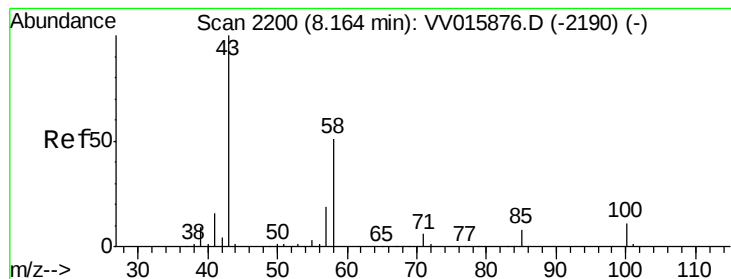
trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015883.D
Acq: 04 May 2020 14:34

Tgt Ion: 75 Resp: 877
Ion Ratio Lower Upper
75 100
77 33.6 21.8 40.6



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





#48

2-Hexanone

Concen: 1.397 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV015883.D

Acq: 04 May 2020 14:34

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5322

Ion Ratio Lower Upper

43 100

58 46.5 41.1 61.7

57 23.1 15.0 22.4#

100 9.0 9.0 13.4

