

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050420\
 Data File : VV015877.D
 Acq On : 04 May 2020 12:04
 Operator : SY/MD
 Sample : VV0504WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 05 01:30:36 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	132721	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	126628	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61414	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30422	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.57	69	28930	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.12	63	47285	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	3.97	46	97525	43.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.58%
24) Chloroform-d	4.38	84	67396	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.06	65	40474	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.07	84	132785	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.10	67	42953	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.34	98	119648	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.65	79	15339	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.12	63	74012	40.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30579	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	45341	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

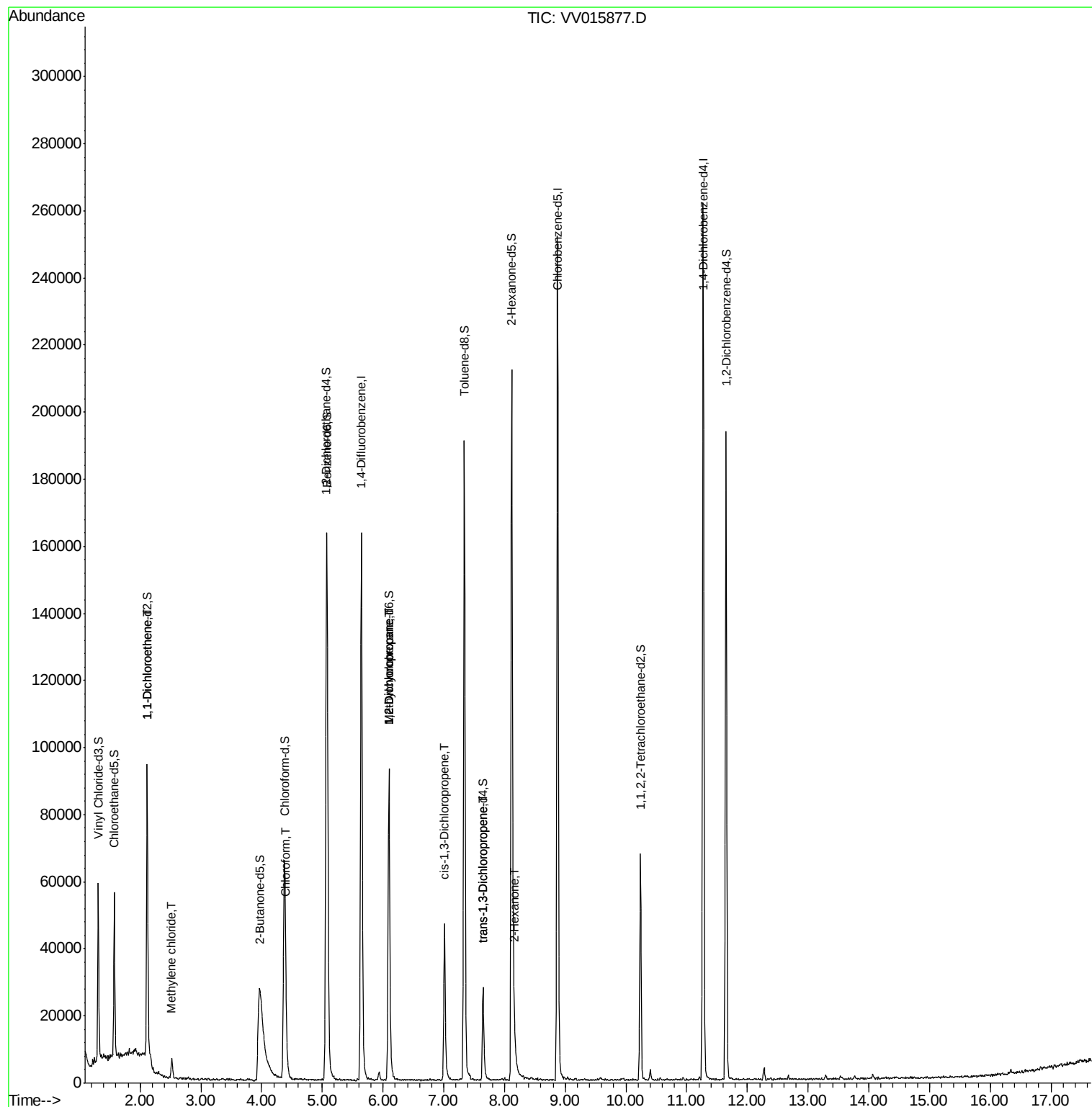
					Ovalue
12) 1,1-Dichloroethene	2.12	96	592	0.077 ug/L #	1
16) Methylene chloride	2.52	84	2244	0.235 ug/L	92
25) Chloroform	4.41	83	6046	0.335 ug/L	93
35) Methylcyclohexane	6.10	83	10475	0.683 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5526	0.601 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1295	0.101 ug/L #	59
44) trans-1,3-Dichloropropene	7.65	75	903	0.084 ug/L	95
48) 2-Hexanone	8.16	43	4108	0.965 ug/L #	73

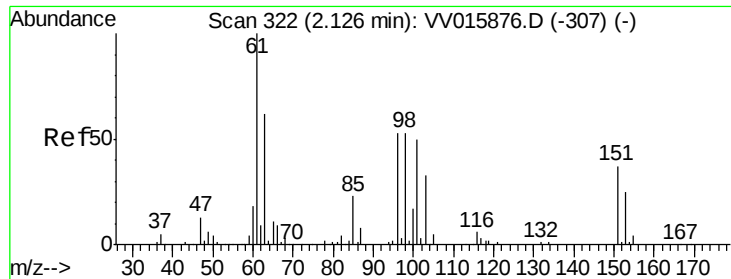
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 05 01:28:45 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015877.D

Acq: 04 May 2020 12:04

Instrument :
MSVOA_V
ClientSampleId :

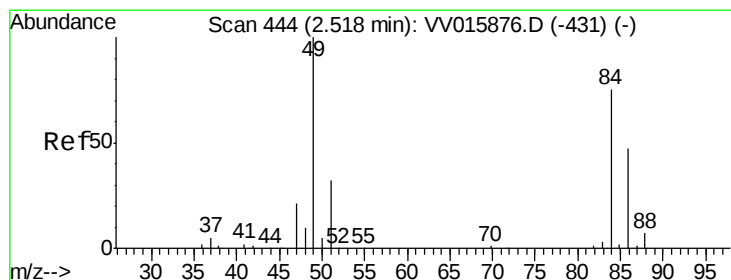
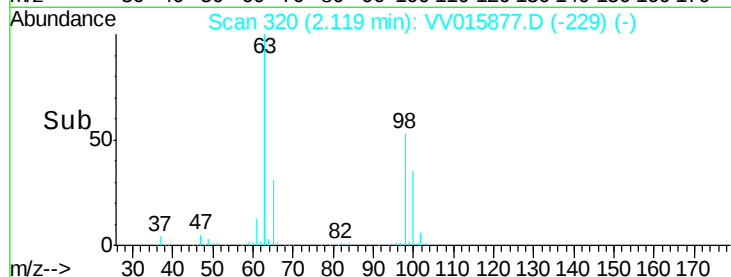
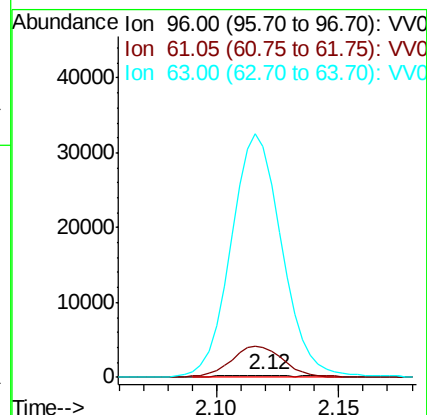
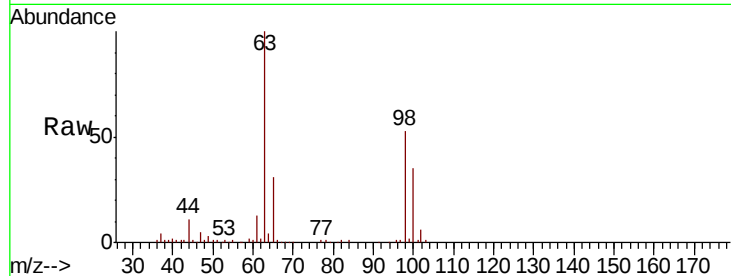
Tot Ion: 96 Resp: 592

Ion Ratio Lower Upper

96 100

61 1296.1 130.1 241.7#

63 10016.9 91.4 169.8#



#16

Methylene chloride

Concen: 0.235 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV015877.D

Acq: 04 May 2020 12:04

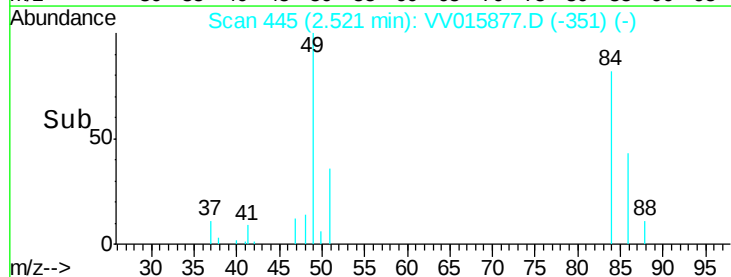
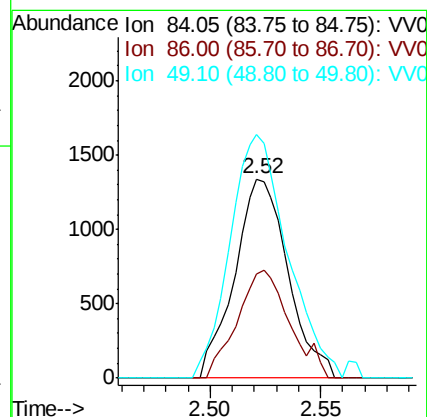
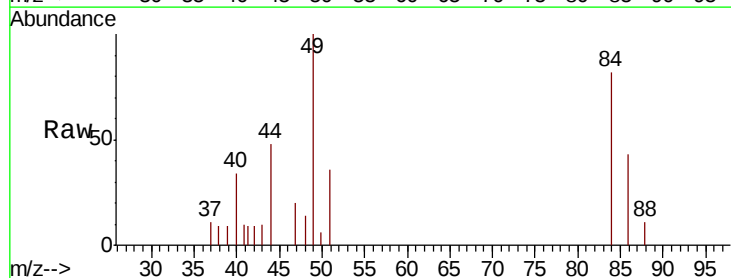
Tgt Ion: 84 Resp: 2244

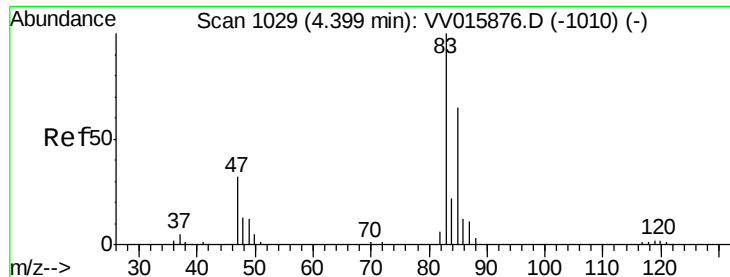
Ion Ratio Lower Upper

84 100

86 52.3 45.1 83.7

49 129.8 94.4 175.4

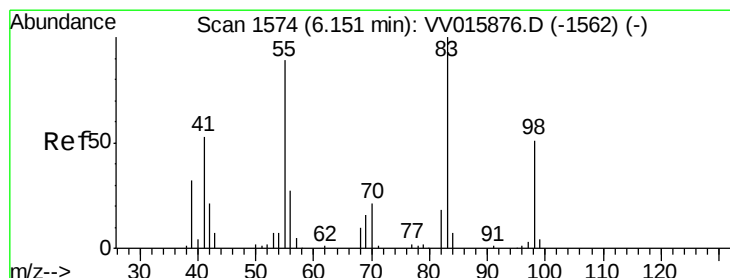
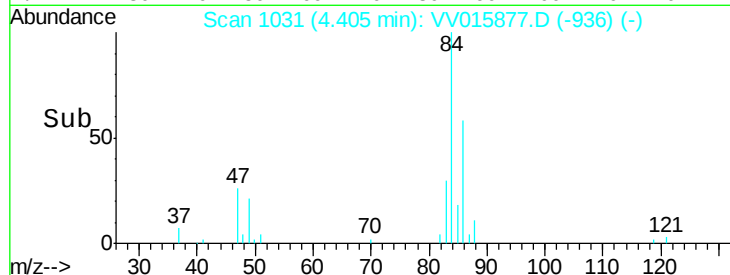
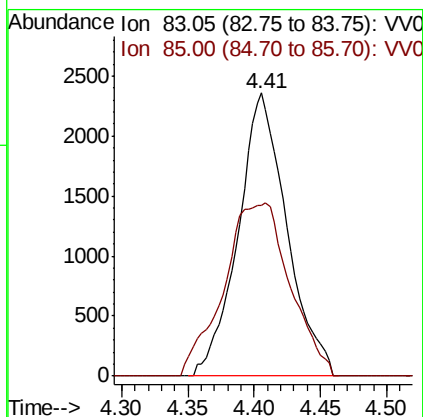
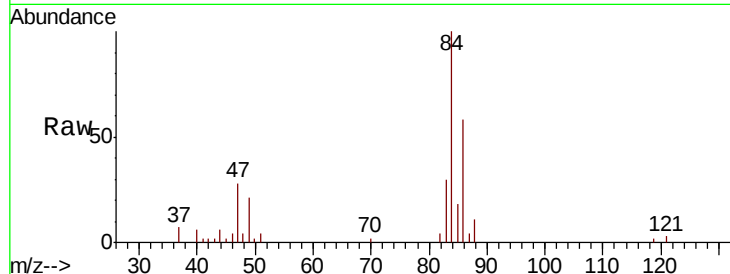




#25
Chloroform
Concen: 0.335 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015877.D
Acq: 04 May 2020 12:04

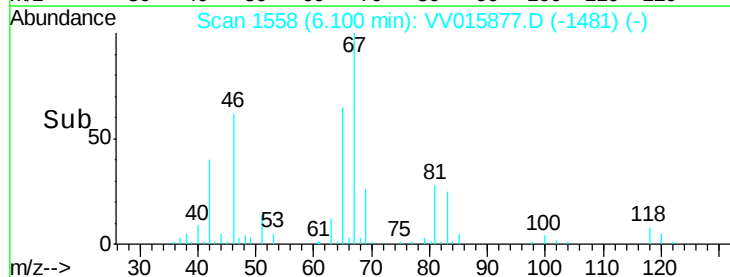
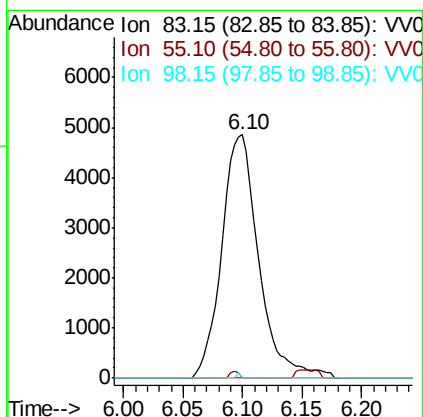
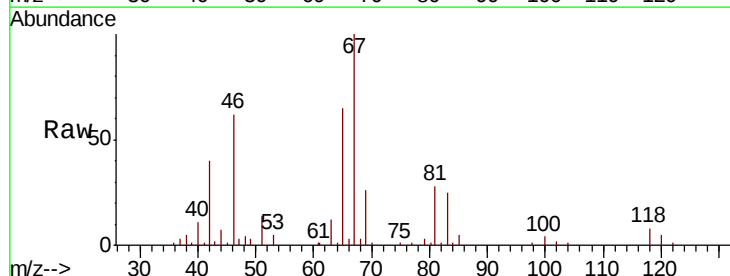
Instrument :
MSVOA_V
ClientSampled :

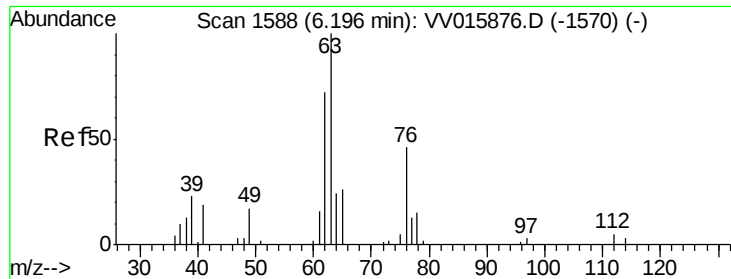
Tot Ion: 83 Resp: 6046
Ion Ratio Lower Upper
83 100
85 60.3 46.1 85.5



#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV015877.D
Acq: 04 May 2020 12:04

Tgt Ion: 83 Resp: 10475
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 0.2 39.5 59.3#

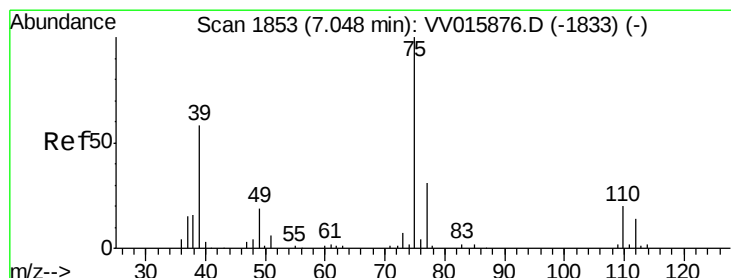
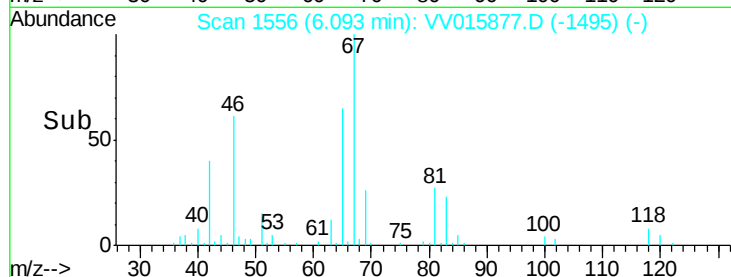
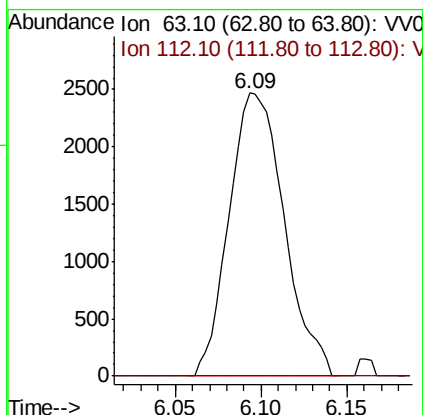
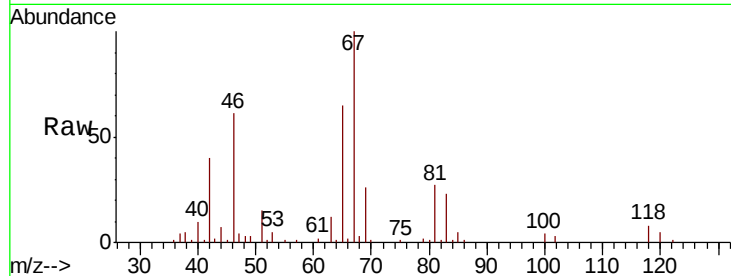




#37
 1,2-Dichloropropane
 Concen: 0.601 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015877.D
 Acq: 04 May 2020 12:04

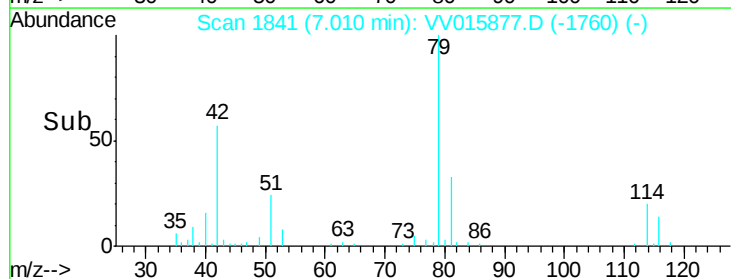
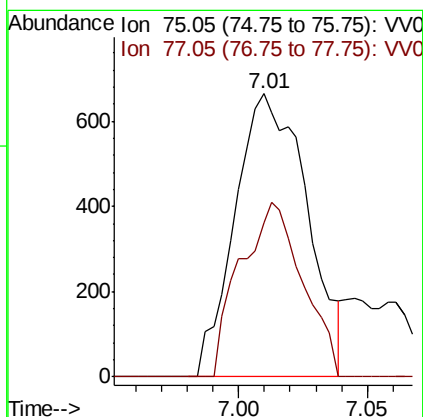
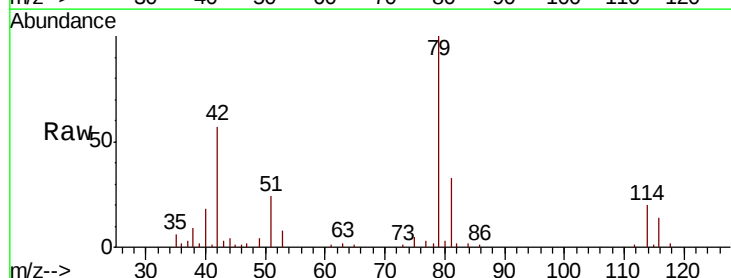
Instrument :
 MSVOA_V
 ClientSampled :

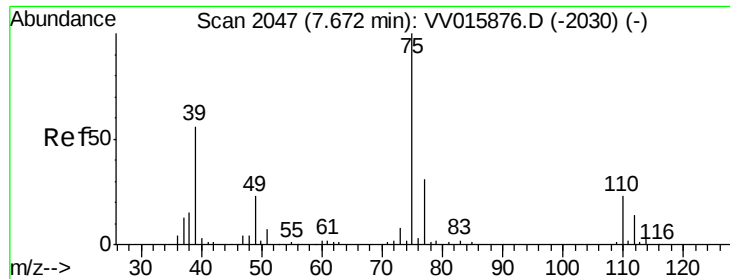
Tot Ion: 63 Resp: 5526
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015877.D
 Acq: 04 May 2020 12:04

Tgt Ion: 75 Resp: 1295
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.3 41.5#

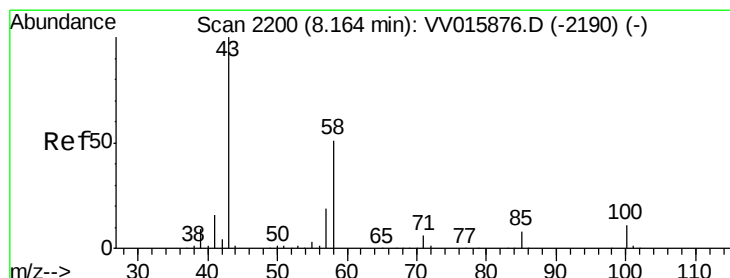
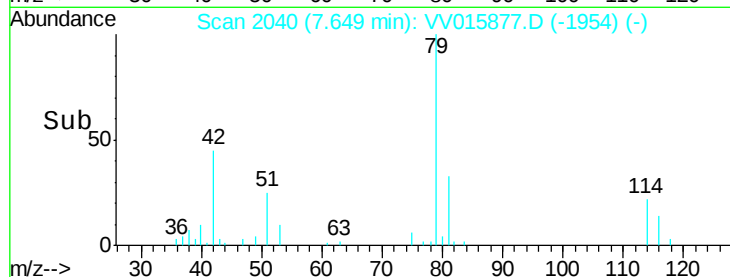
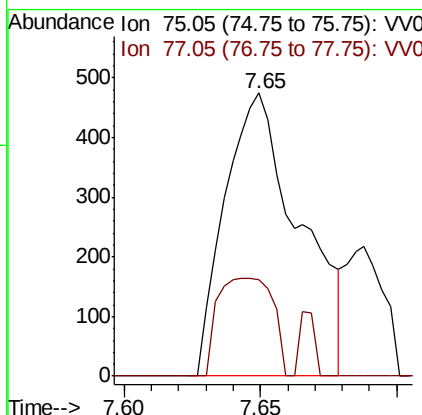
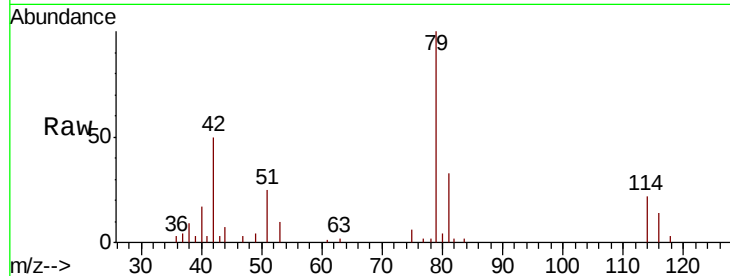




#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV015877.D
Acq: 04 May 2020 12:04

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 903
Ion Ratio Lower Upper
75 100
77 34.2 21.8 40.6



#48
2-Hexanone
Concen: 0.965 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VV015877.D
Acq: 04 May 2020 12:04

Tgt Ion: 43 Resp: 4108
Ion Ratio Lower Upper
43 100
58 36.2 41.1 61.7#
57 0.0 15.0 22.4#
100 1.7 9.0 13.4#

