

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050420\
 Data File : VV015878.D
 Acq On : 04 May 2020 12:38
 Operator : SY/MD
 Sample : L2431-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 05 01:30:46 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	145051	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	136900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	66939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33551	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.57	69	32072	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.12	63	51355	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.96	46	106988	43.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.92%
24) Chloroform-d	4.37	84	70529	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
26) 1,2-Dichloroethane-d4	5.06	65	43994	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.07	84	141818	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.09	67	46348	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.34	98	128974	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.65	79	16670	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.11	63	78431	39.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31720	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	49126	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

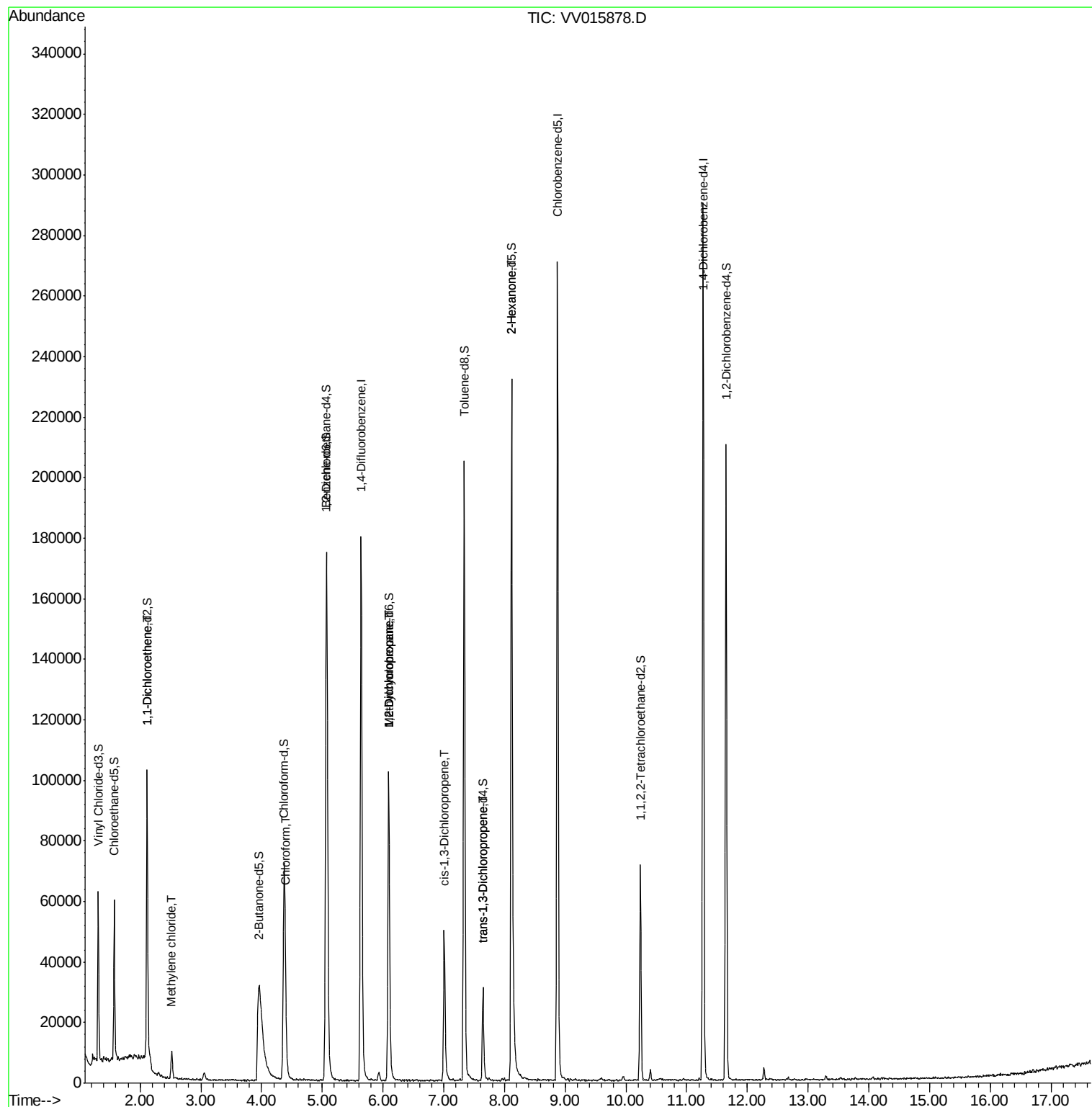
					Ovalue
12) 1,1-Dichloroethene	2.12	96	688	0.081 ug/L #	1
16) Methylene chloride	2.52	84	3520	0.338 ug/L	97
25) Chloroform	4.40	83	7203	0.366 ug/L	93
35) Methylcyclohexane	6.09	83	11779	0.711 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	5586	0.562 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1526	0.110 ug/L #	62
44) trans-1,3-Dichloropropene	7.65	75	784	0.067 ug/L	93
48) 2-Hexanone	8.12	43	11826	2.570 ug/L #	78

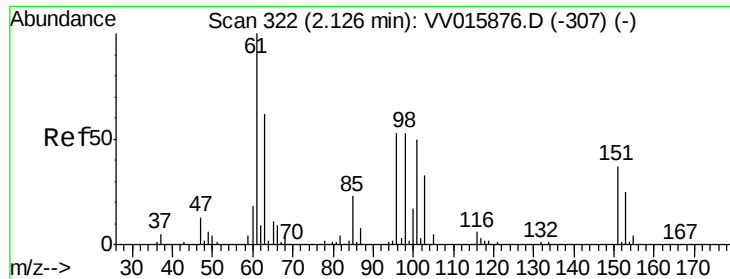
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015878.D

Acq: 04 May 2020 12:38

Instrument :

MSVOA_V

ClientSampled :

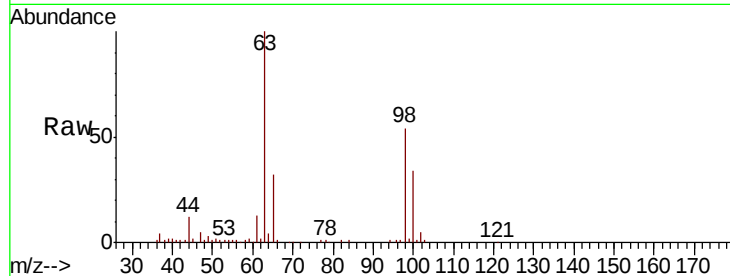
Tot Ion: 96 Resp: 688

Ion Ratio Lower Upper

96 100

61 990.3 130.1 241.7#

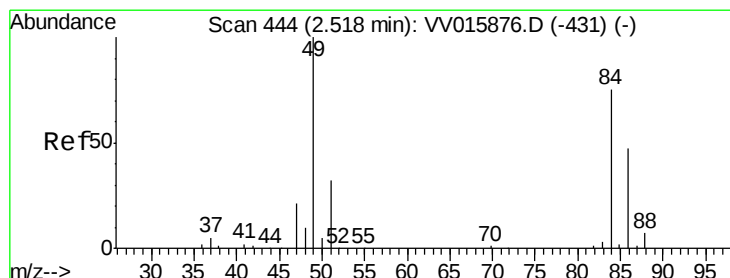
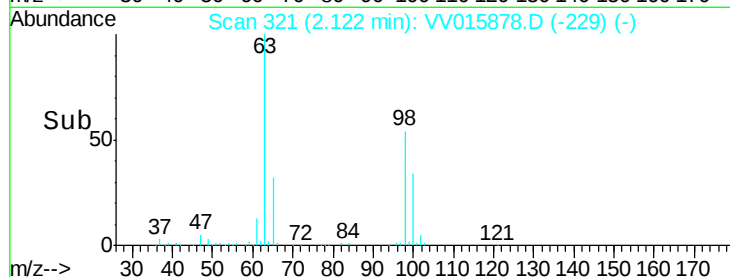
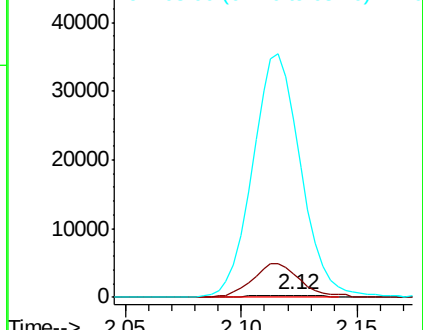
63 7630.6 91.4 169.8#



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



#16

Methylene chloride

Concen: 0.338 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV015878.D

Acq: 04 May 2020 12:38

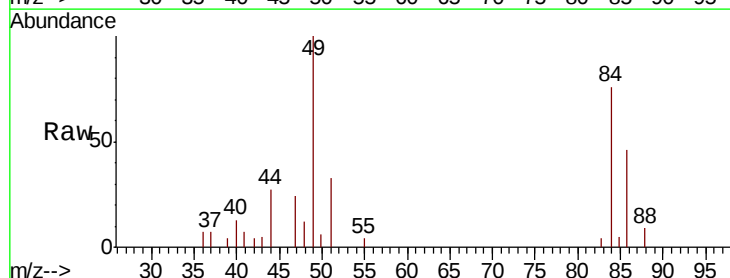
Tgt Ion: 84 Resp: 3520

Ion Ratio Lower Upper

84 100

86 60.9 45.1 83.7

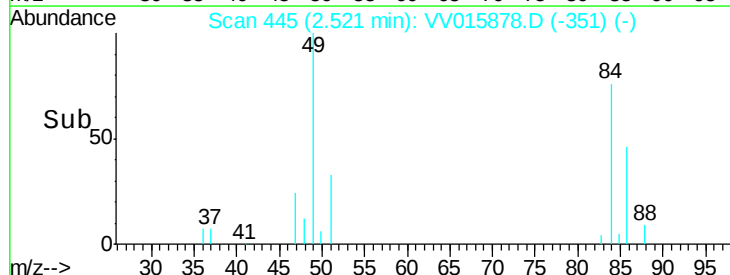
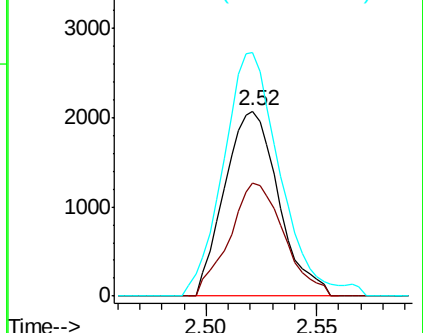
49 131.7 94.4 175.4

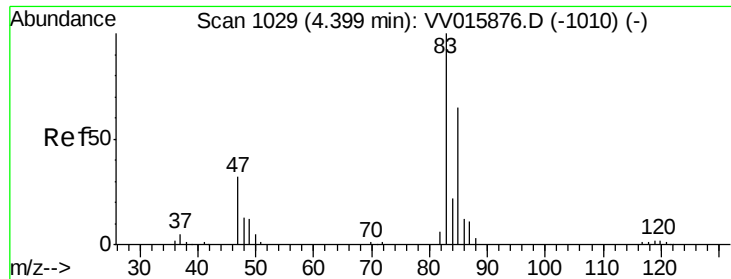


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

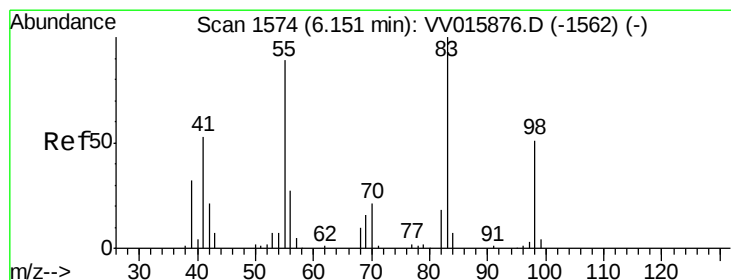
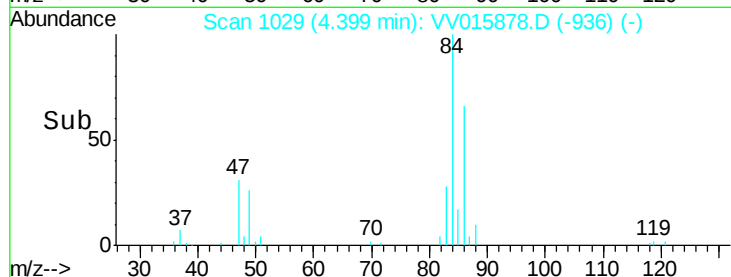
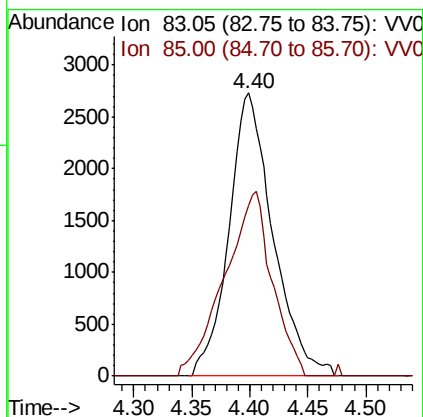
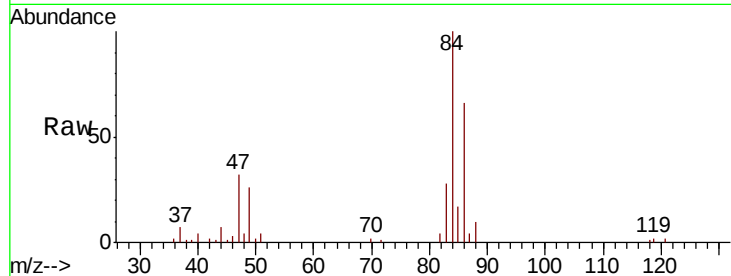




#25
Chloroform
Concen: 0.366 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015878.D
Acq: 04 May 2020 12:38

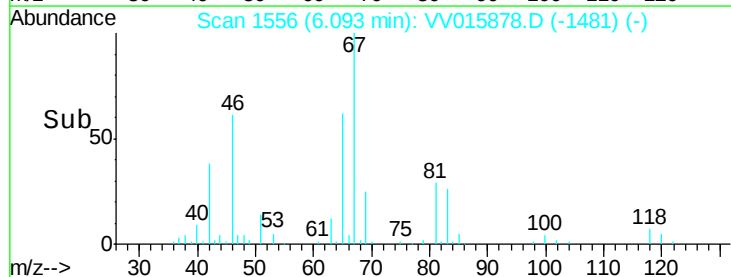
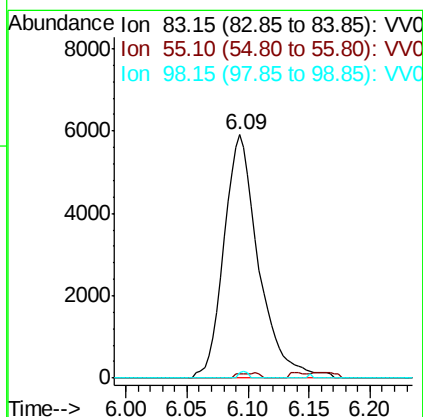
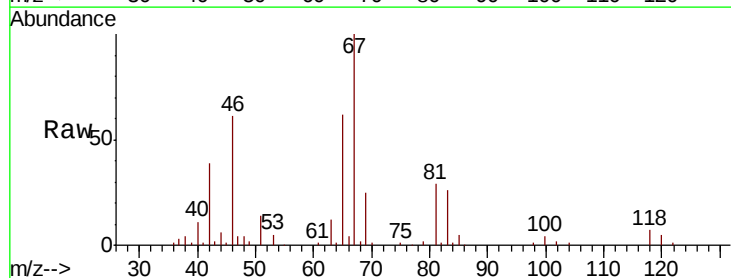
Instrument :
MSVOA_V
ClientSampleId :

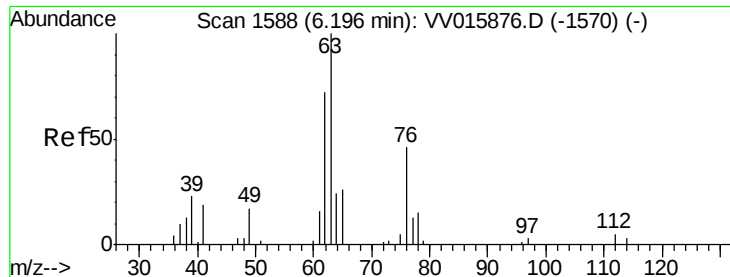
Tot Ion: 83 Resp: 7203
Ion Ratio Lower Upper
83 100
85 60.4 46.1 85.5



#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015878.D
Acq: 04 May 2020 12:38

Tgt Ion: 83 Resp: 11779
Ion Ratio Lower Upper
83 100
55 1.3 66.6 99.8#
98 0.7 39.5 59.3#

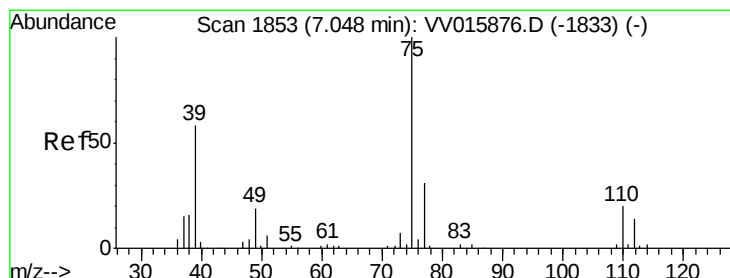
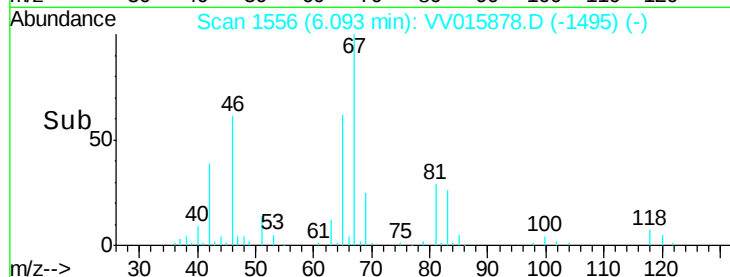
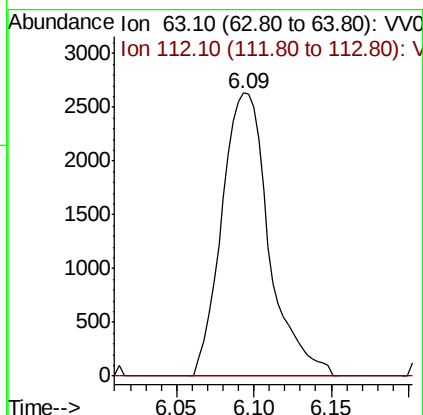
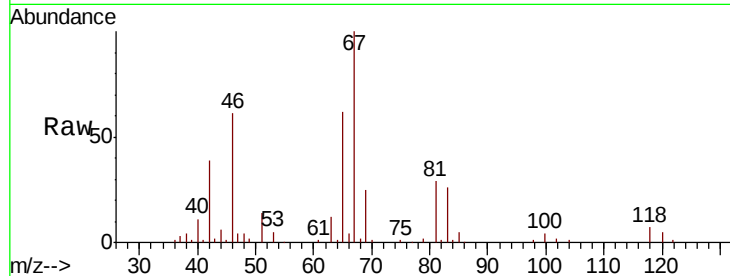




#37
 1,2-Dichloropropane
 Concen: 0.562 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015878.D
 Acq: 04 May 2020 12:38

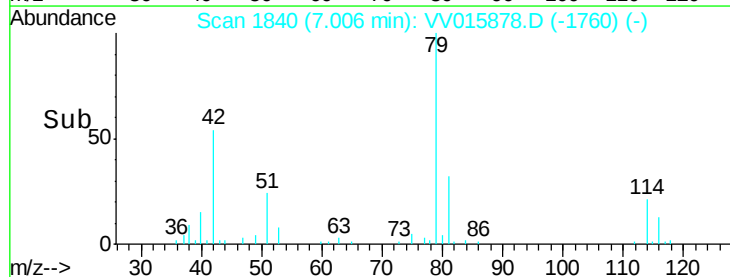
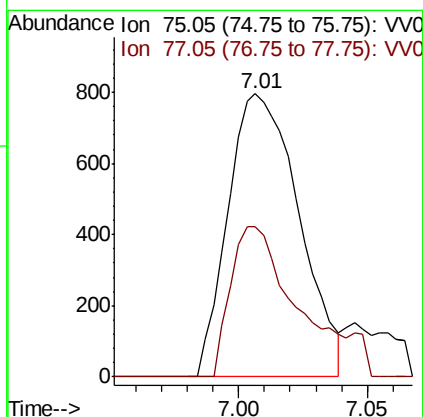
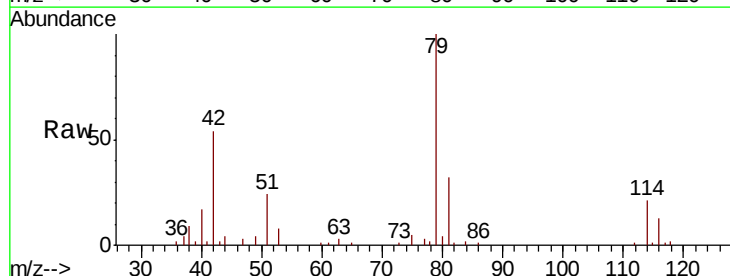
Instrument :
 MSVOA_V
 ClientSampleId :

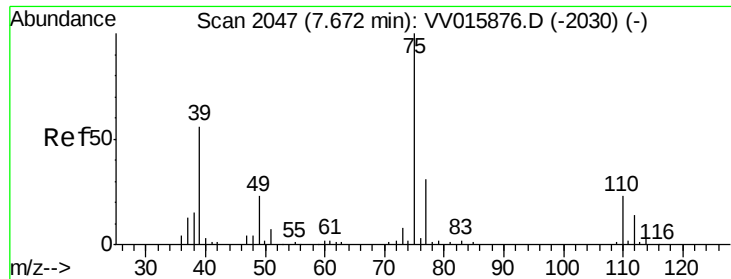
Tot Ion: 63 Resp: 5586
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015878.D
 Acq: 04 May 2020 12:38

Tgt Ion: 75 Resp: 1526
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015878.D

Acq: 04 May 2020 12:38

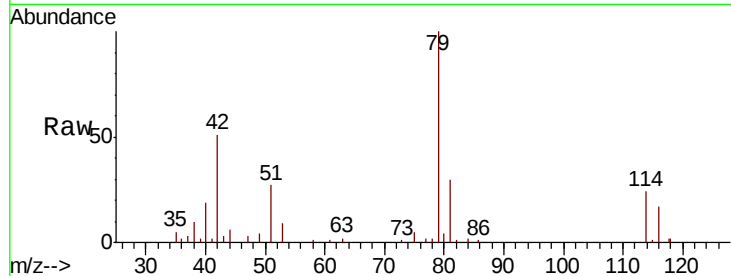
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 784

Ion Ratio Lower Upper

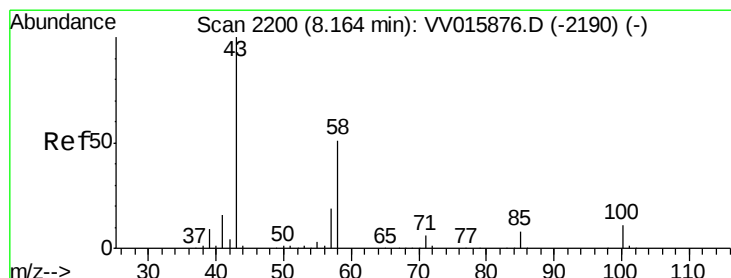
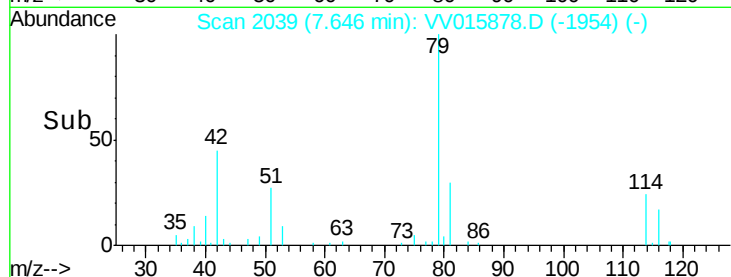
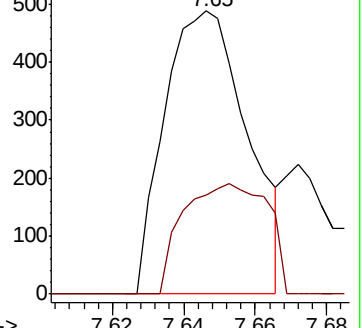
75 100

77 35.0 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: 2.570 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015878.D

Acq: 04 May 2020 12:38

Tgt Ion: 43 Resp: 11826

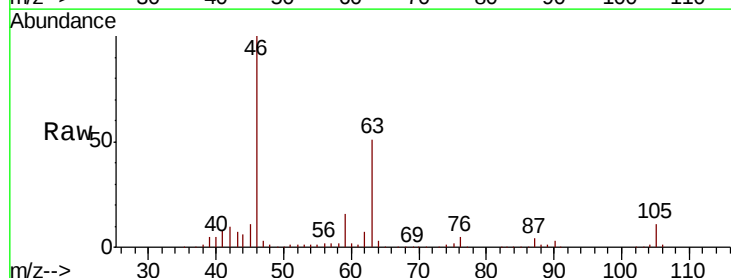
Ion Ratio Lower Upper

43 100

58 35.0 41.1 61.7#

57 25.5 15.0 22.4#

100 0.2 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

