

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015436.D
 Acq On : 09 Apr 2020 22:49
 Operator : SY/MD
 Sample : L2188-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 05:40:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 05:37:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	116510	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	112171	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28897	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.57	69	25983	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.12	63	41397	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.97	46	86374	50.89	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	4.38	84	63396	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	37542	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.07	84	123841	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.10	67	39850	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	114164	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.65	79	15286	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.12	63	80824	49.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30139	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	43643	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

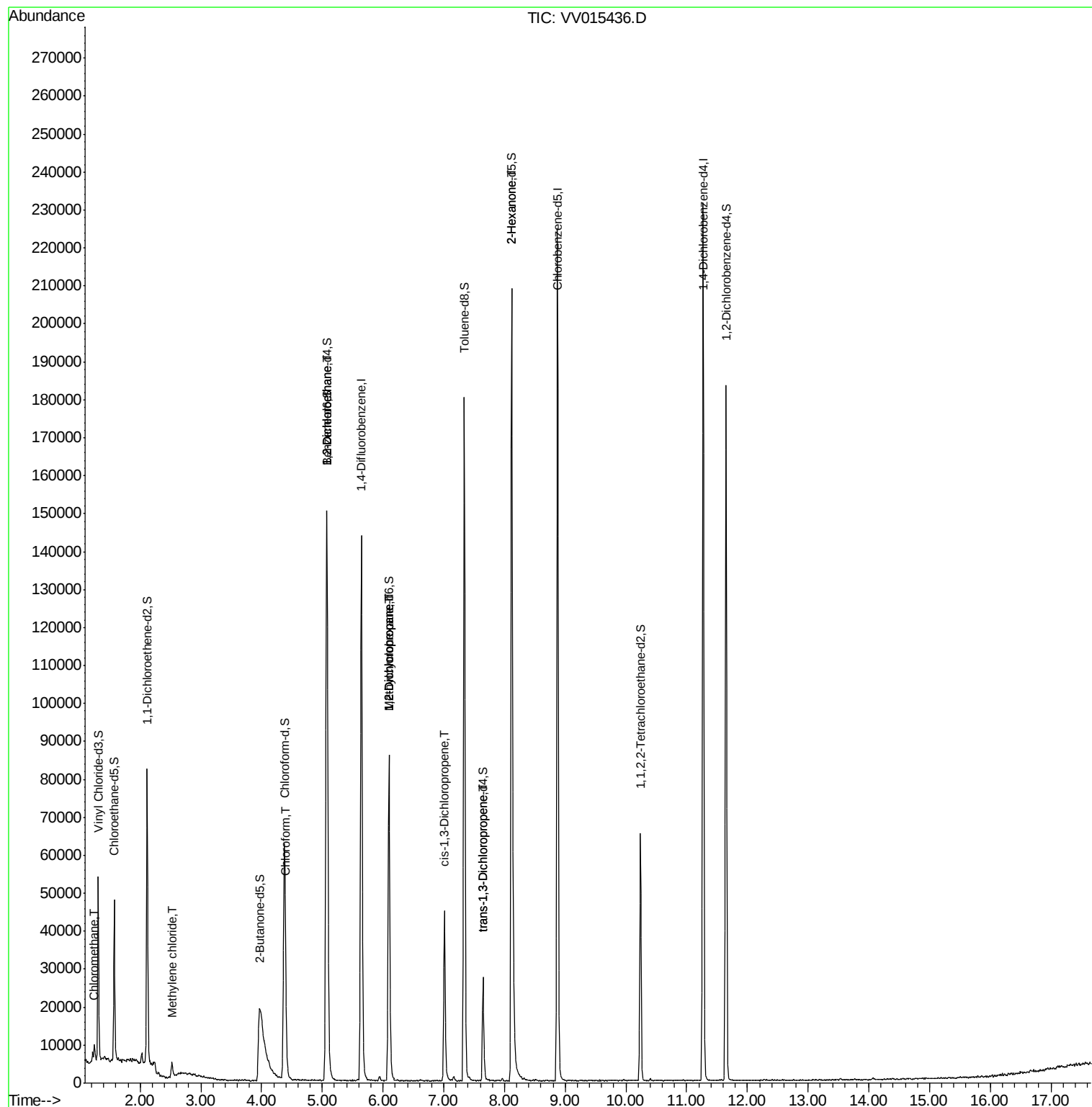
					Ovalue
3) Chloromethane	1.24	50	1847	0.168 ug/L	96
16) Methylene chloride	2.52	84	1564	0.183 ug/L	89
25) Chloroform	4.40	83	2599	0.163 ug/L	95
27) 1,2-Dichloroethane	5.07	62	789	0.077 ug/L #	77
35) Methylcyclohexane	6.10	83	9451	0.621 ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4662	0.560 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1243	0.097 ug/L	88
44) trans-1,3-Dichloropropene	7.65	75	640	0.059 ug/L #	64
48) 2-Hexanone	8.12	43	11533	3.019 ug/L #	69

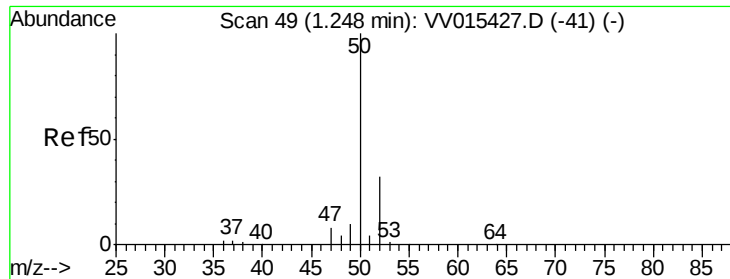
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040920\
Data File : VV015436.D
Acq On : 09 Apr 2020 22:49
Operator : SY/MD
Sample : L2188-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 10 05:40:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 10 05:37:21 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.168 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV015436.D

Acq: 09 Apr 2020 22:49

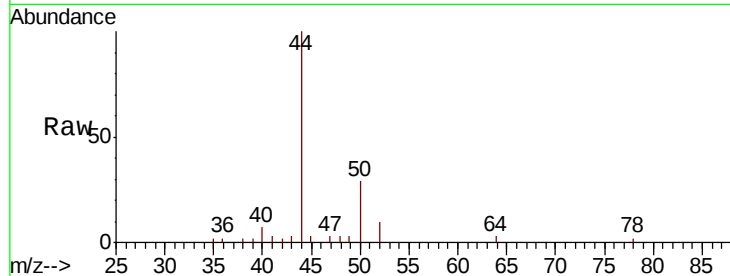
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 1847

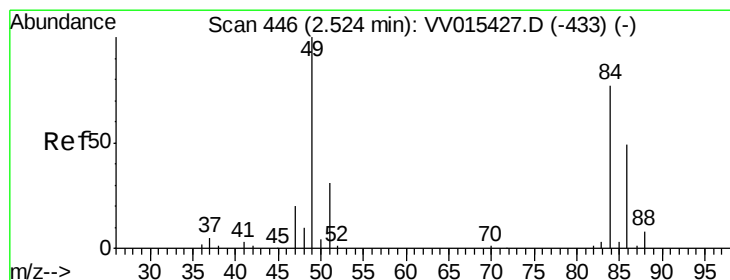
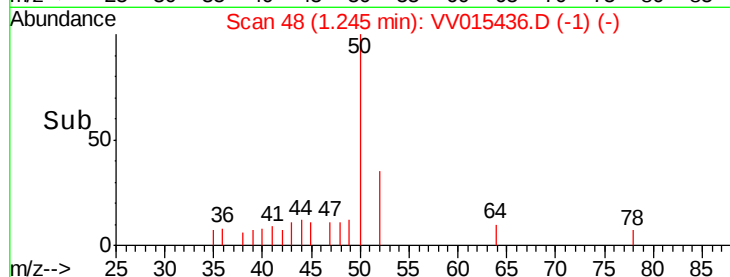
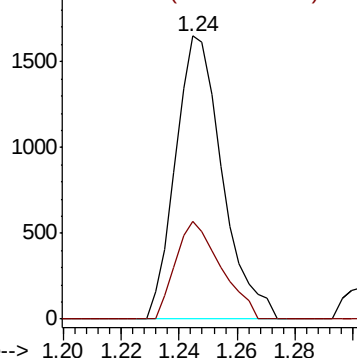
Ion Ratio Lower Upper

50 100

52 34.6 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0
Ion 52.05 (51.75 to 52.75): VV0



#16

Methylene chloride

Concen: 0.183 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV015436.D

Acq: 09 Apr 2020 22:49

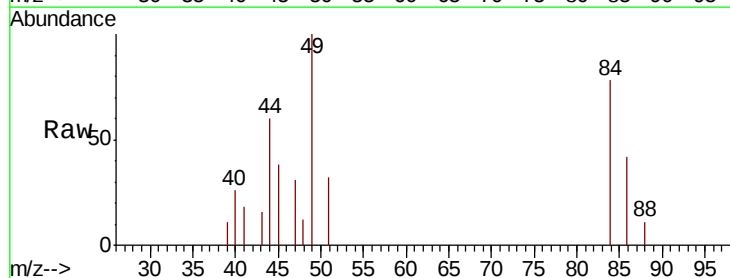
Tgt Ion: 84 Resp: 1564

Ion Ratio Lower Upper

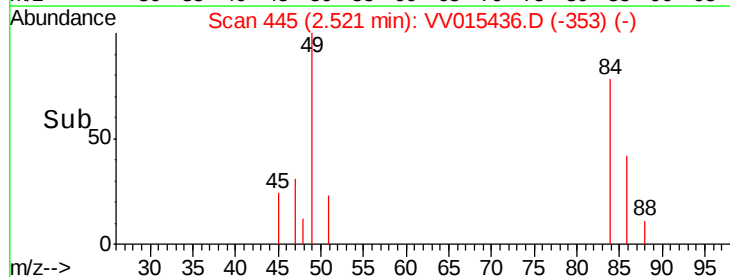
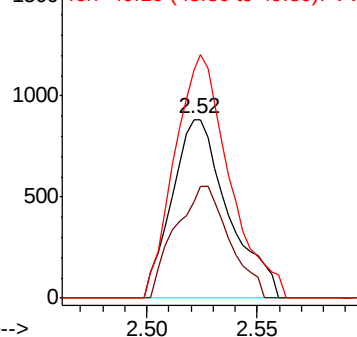
84 100

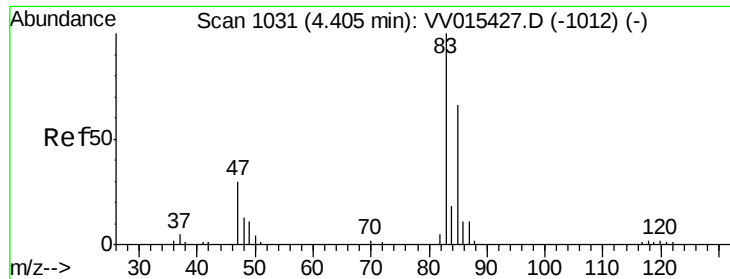
86 54.2 45.1 83.7

49 127.7 97.9 181.7



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

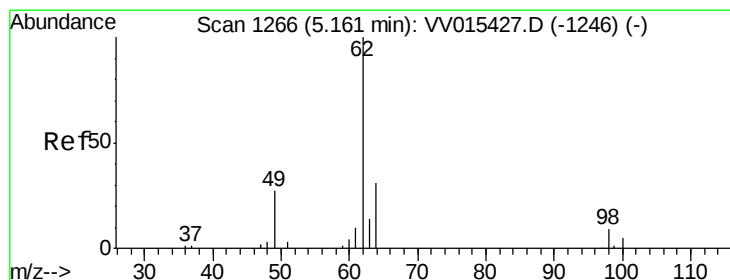
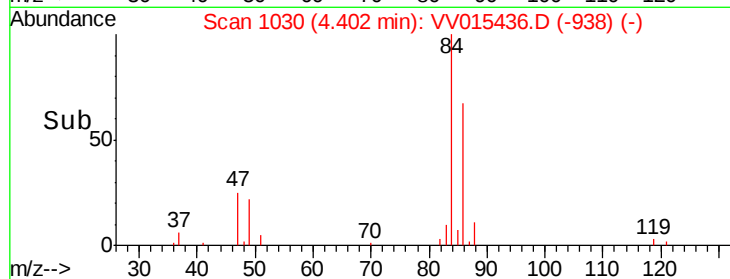
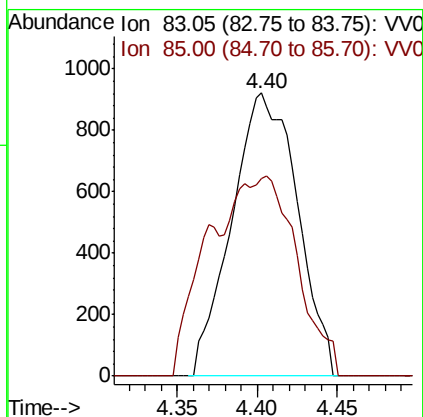
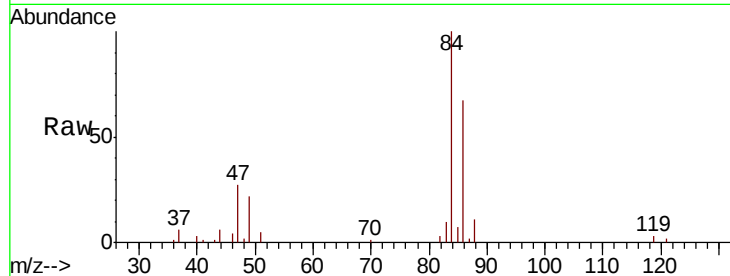




#25
Chloroform
Concen: 0.163 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015436.D
Acq: 09 Apr 2020 22:49

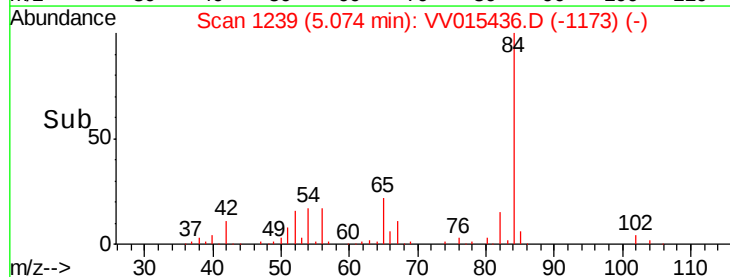
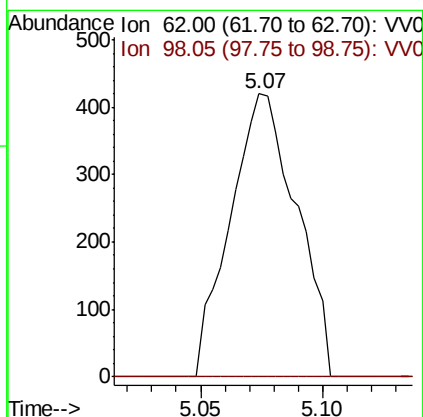
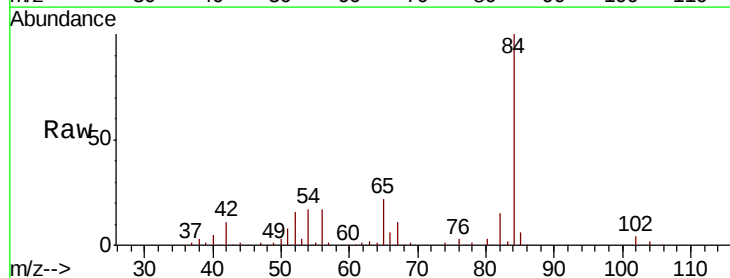
Instrument :
MSVOA_V
ClientSampled :

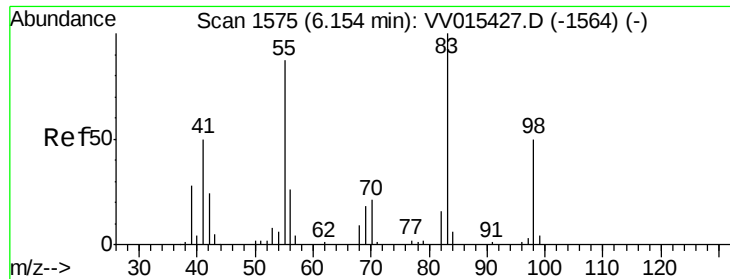
Tot Ion: 83 Resp: 2599
Ion Ratio Lower Upper
83 100
85 70.0 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.077 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.09 min
Lab File: VV015436.D
Acq: 09 Apr 2020 22:49

Tgt Ion: 62 Resp: 789
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

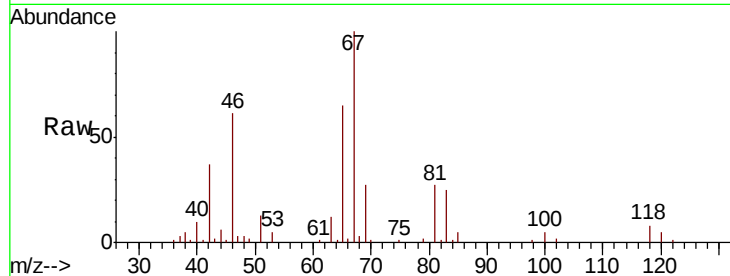




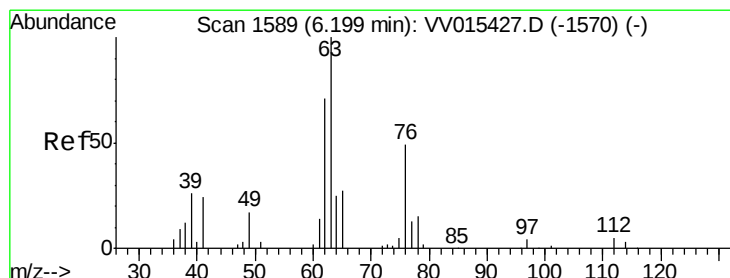
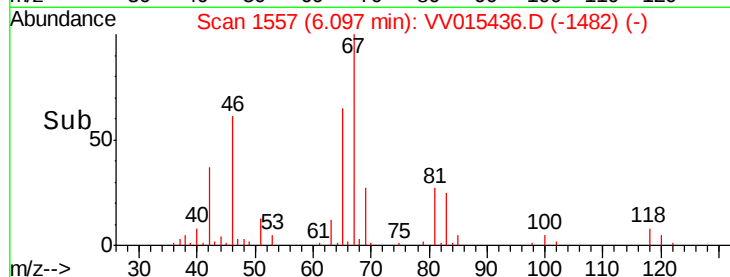
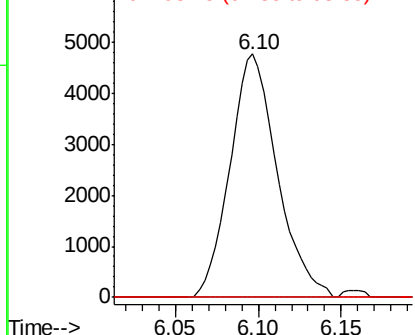
#35
Methvlcvclohexane
Concen: 0.621 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015436.D
Acq: 09 Apr 2020 22:49

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 9451
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.0 38.7 58.1#

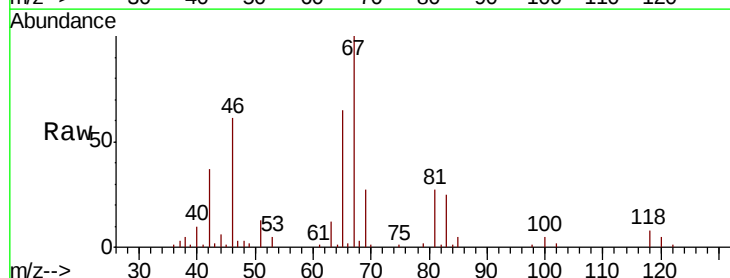


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

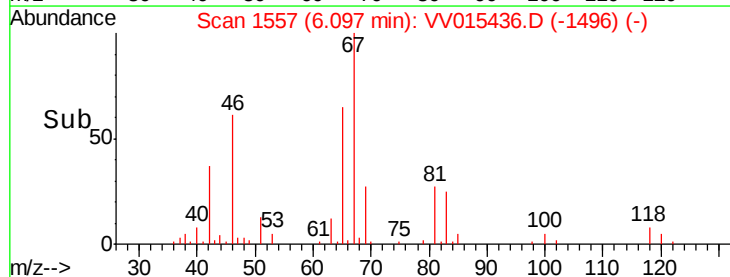
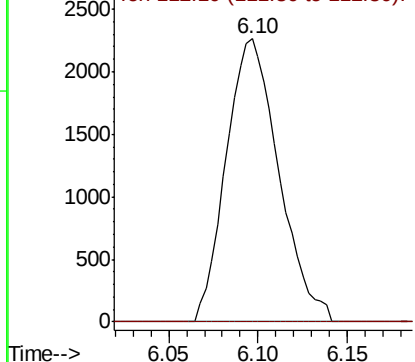


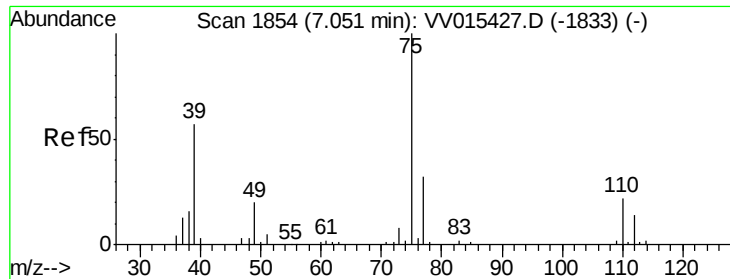
#37
1,2-Dichloropropane
Concen: 0.560 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015436.D
Acq: 09 Apr 2020 22:49

Tgt Ion: 63 Resp: 4662
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

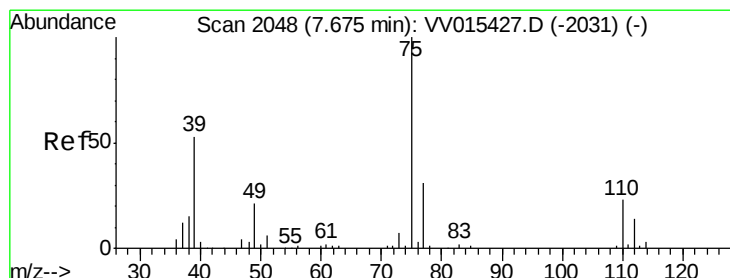
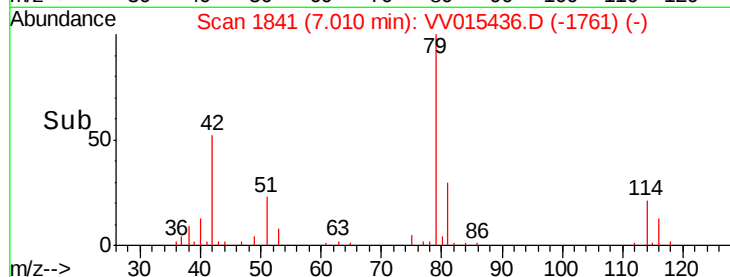
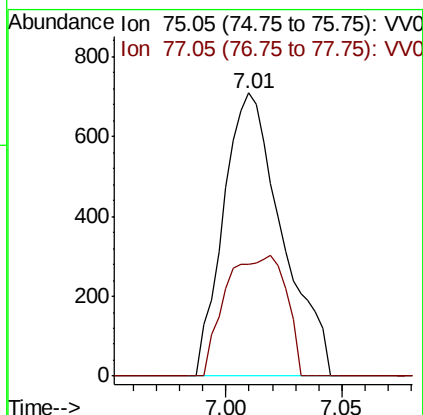
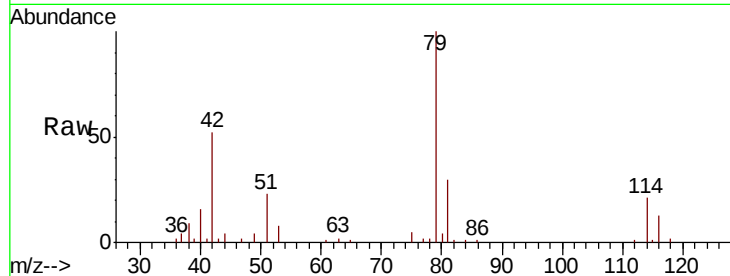




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015436.D
 Acq: 09 Apr 2020 22:49

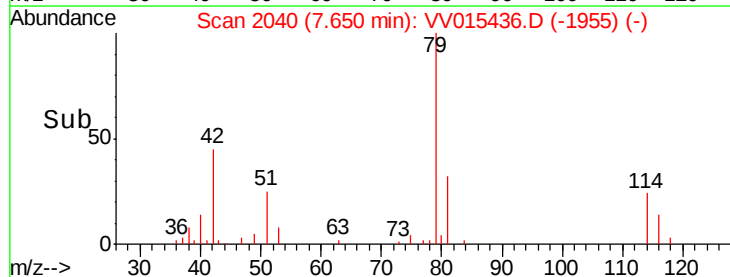
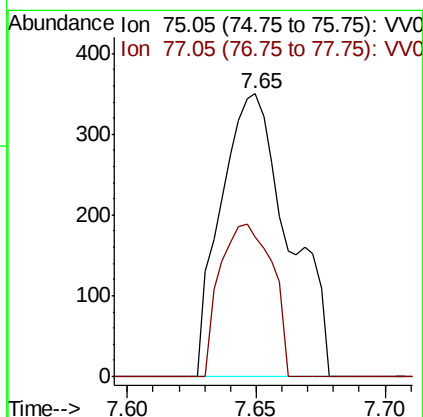
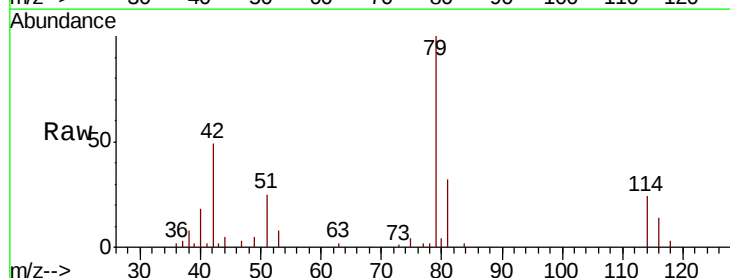
Instrument :
 MSVOA_V
 ClientSampleId :

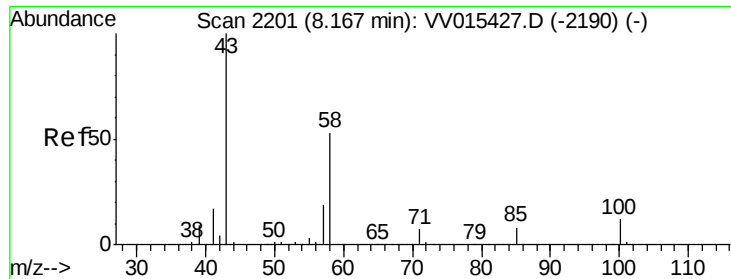
Tot Ion: 75 Resp: 1243
 Ion Ratio Lower Upper
 75 100
 77 39.4 23.0 42.6



#44
 trans-1,3-Dichloropropene
 Concen: 0.059 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.03 min
 Lab File: VV015436.D
 Acq: 09 Apr 2020 22:49

Tgt Ion: 75 Resp: 640
 Ion Ratio Lower Upper
 75 100
 77 49.4 21.0 39.0#





#48

2-Hexanone

Concen: 3.019 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV015436.D

Acq: 09 Apr 2020 22:49

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	11533
Ion	Ratio	Lower	Upper
43	100		
58	23.4	41.4	62.0#
57	21.2	15.0	22.4
100	0.0	9.4	14.2#

