

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015608.D
 Acq On : 21 Apr 2020 18:14
 Operator : SY/MD
 Sample : L2366-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 00:16:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	131016	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	62088	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32935	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	33295	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.12	63	52969	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.91	46	101664	53.26	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.52%
24) Chloroform-d	4.38	84	73947	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	42558	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.08	84	143554	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.09	67	44951	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.34	98	133317	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.64	79	14362	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.11	63	80454	44.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31452	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	49504	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

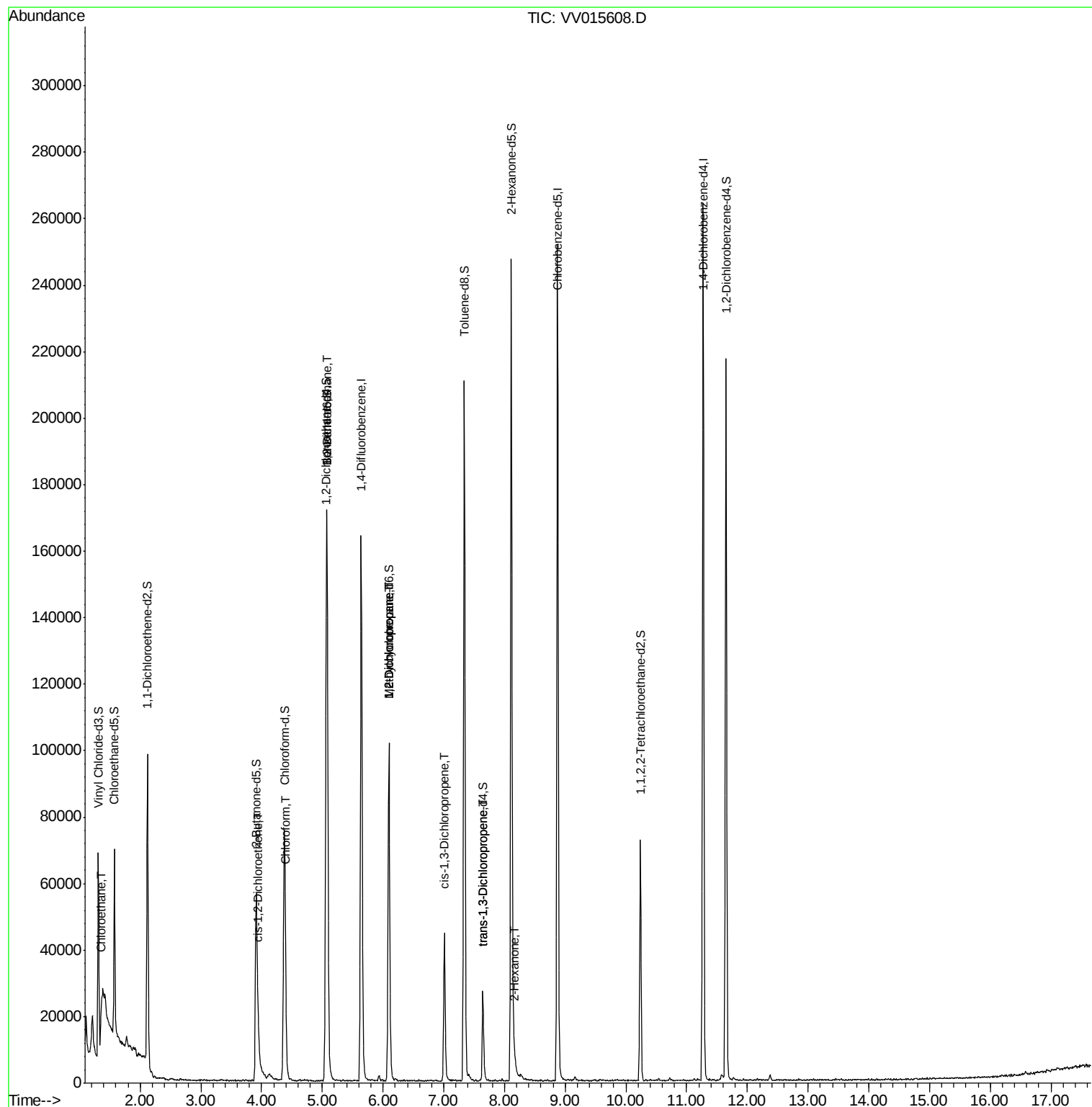
					Ovalue
8) Chloroethane	1.37	64	16327	2.367 ug/L #	53
22) cis-1,2-Dichloroethene	3.95	96	803	0.083 ug/L	77
25) Chloroform	4.40	83	1927	0.108 ug/L	79
27) 1,2-Dichloroethane	5.08	62	1010	0.087 ug/L #	77
35) Methylcyclohexane	6.10	83	11739	0.693 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	5781	0.624 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1281	0.090 ug/L	88
44) trans-1,3-Dichloropropene	7.64	75	649	0.054 ug/L	84
48) 2-Hexanone	8.17	43	2041	0.481 ug/L #	76

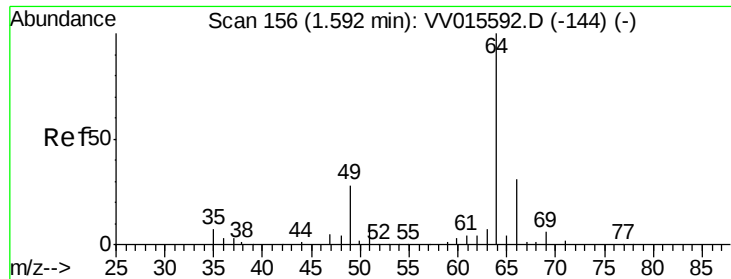
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 22 00:11:50 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 2.367 ug/L

RT: 1.37 min Scan# 86

Delta R.T. -0.23 min

Lab File: VV015608.D

Acq: 21 Apr 2020 18:14

Instrument :

MSVOA_V

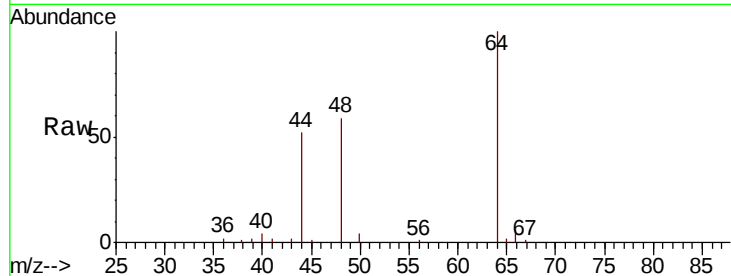
ClientSampleId :

Tot Ion: 64 Resp: 16327

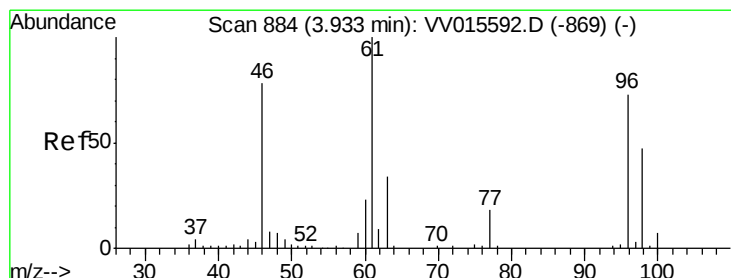
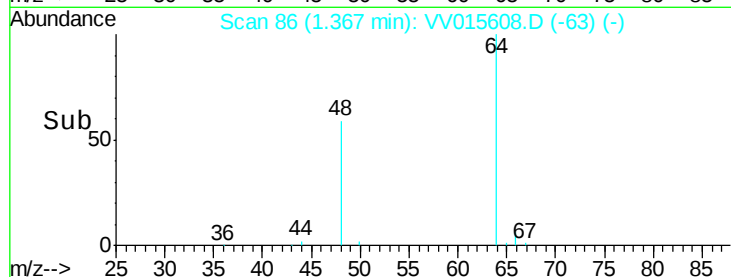
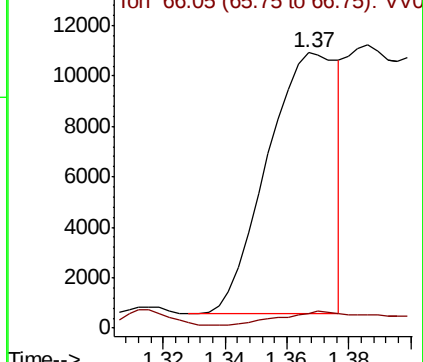
Ion Ratio Lower Upper

64 100

66 5.5 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV015592.D (-144) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.083 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV015608.D

Acq: 21 Apr 2020 18:14

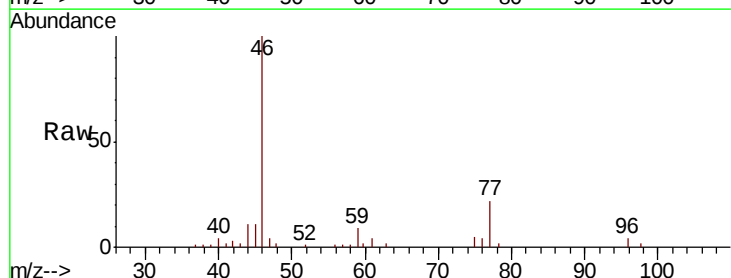
Tgt Ion: 96 Resp: 803

Ion Ratio Lower Upper

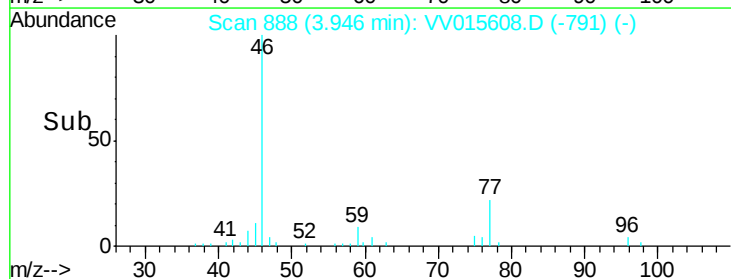
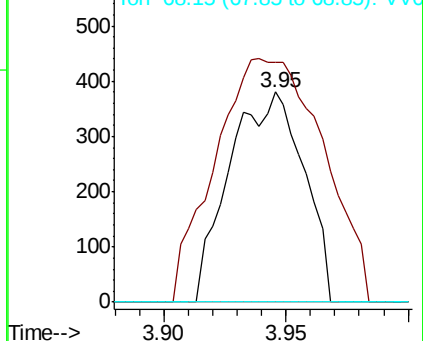
96 100

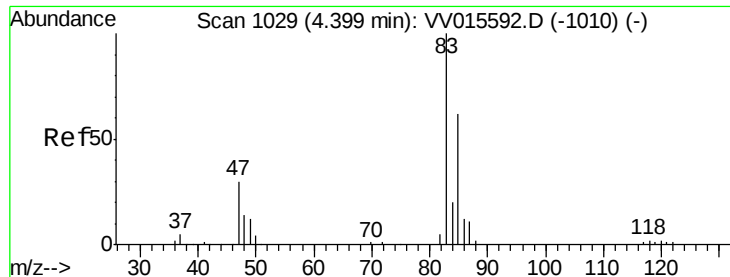
61 114.5 100.0 185.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015592.D (-869) (-)

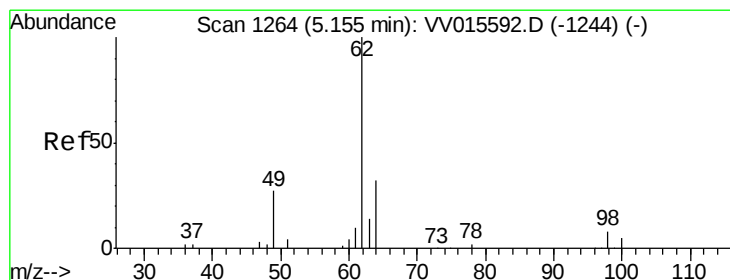
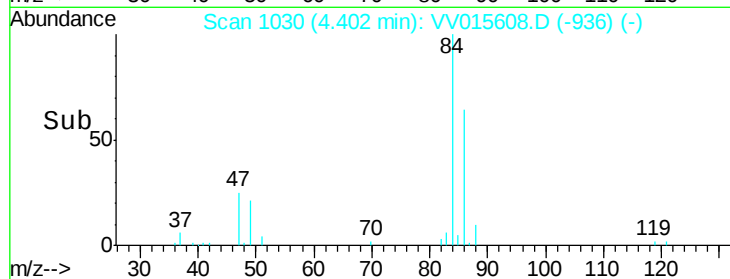
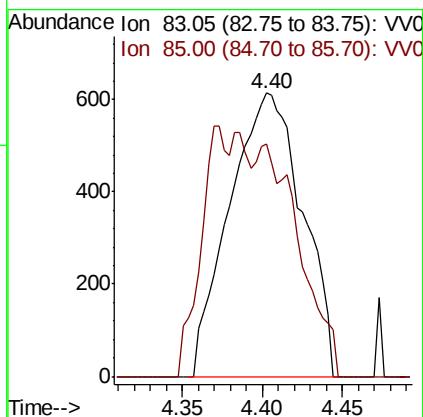
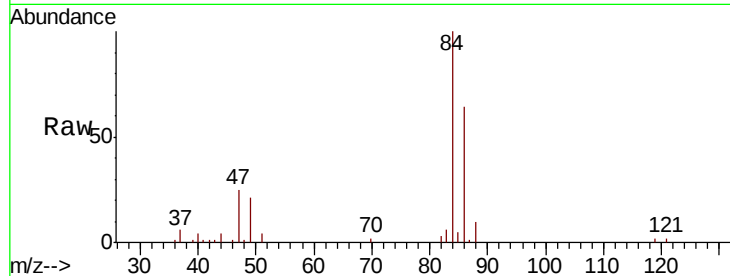




#25
Chloroform
Concen: 0.108 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015608.D
Acq: 21 Apr 2020 18:14

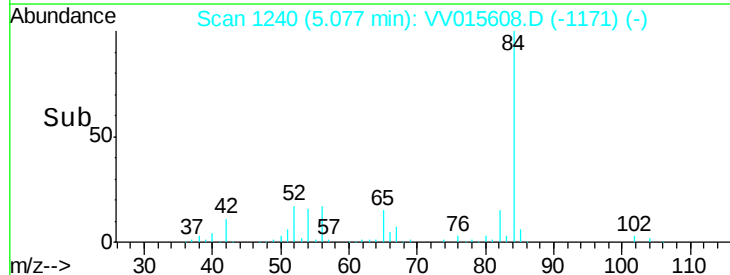
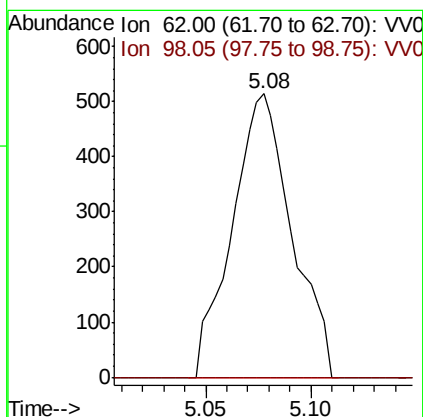
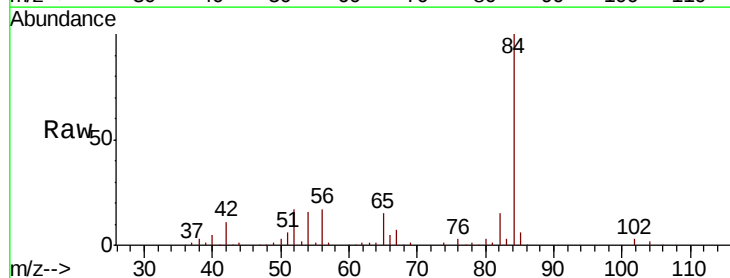
Instrument :
MSVOA_V
ClientSampleId :

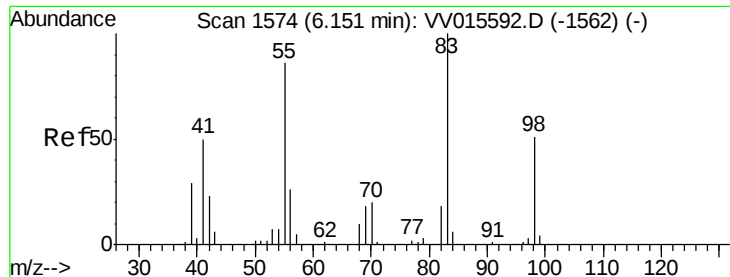
Tot Ion: 83 Resp: 1927
Ion Ratio Lower Upper
83 100
85 82.1 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.087 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015608.D
Acq: 21 Apr 2020 18:14

Tgt Ion: 62 Resp: 1010
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#35

Methvlcvclohexane

Concen: 0.693 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV015608.D

Acq: 21 Apr 2020 18:14

Instrument :
MSVOA_V
ClientSampleId :

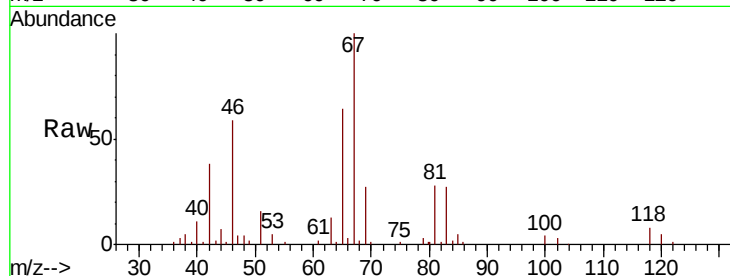
Tot Ion: 83 Resp: 11739

Ion Ratio Lower Upper

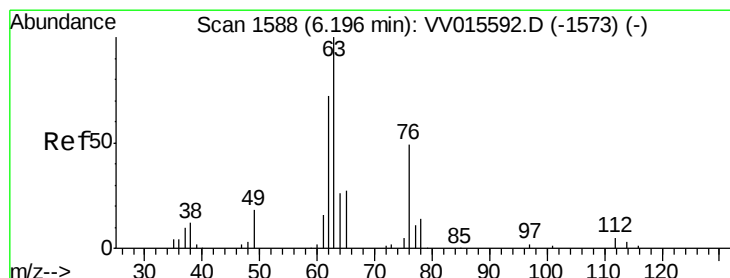
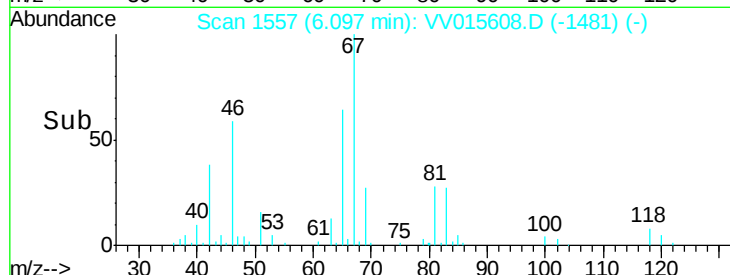
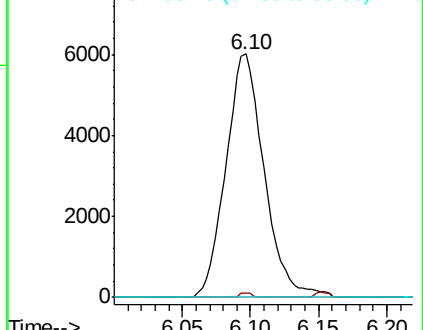
83 100

55 0.5 66.6 99.8#

98 2.1 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: 0.624 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015608.D

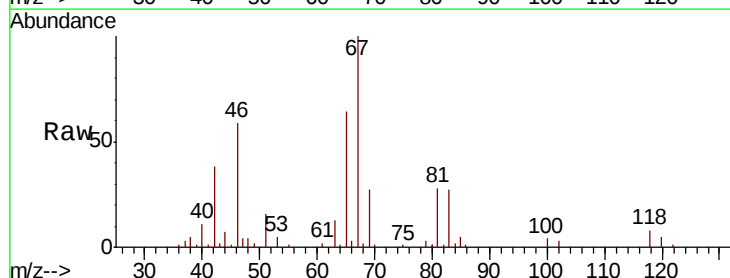
Acq: 21 Apr 2020 18:14

Tgt Ion: 63 Resp: 5781

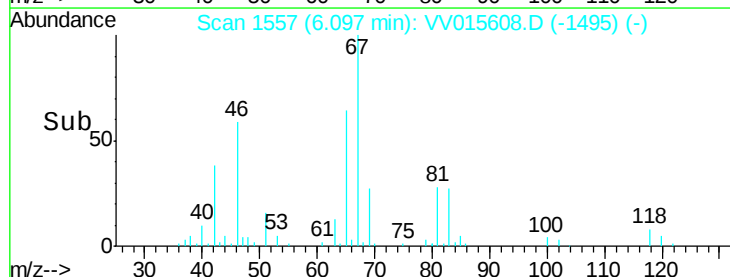
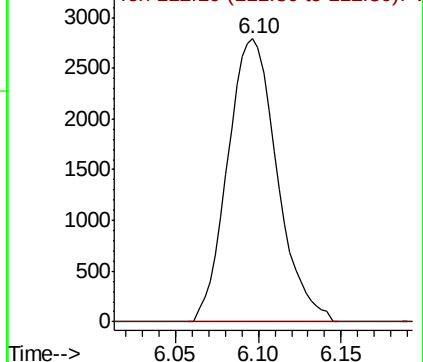
Ion Ratio Lower Upper

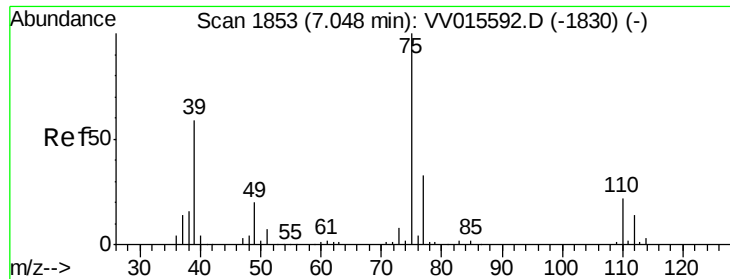
63 100

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

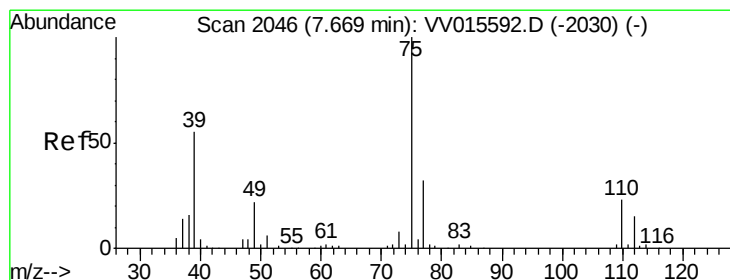
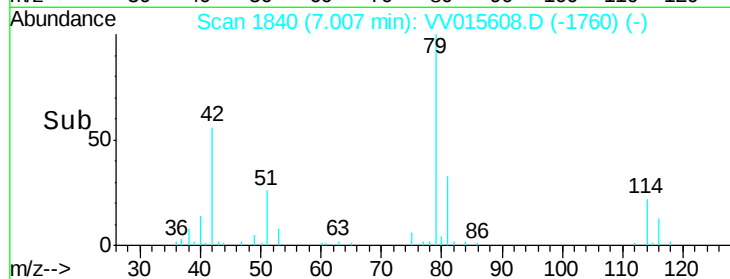
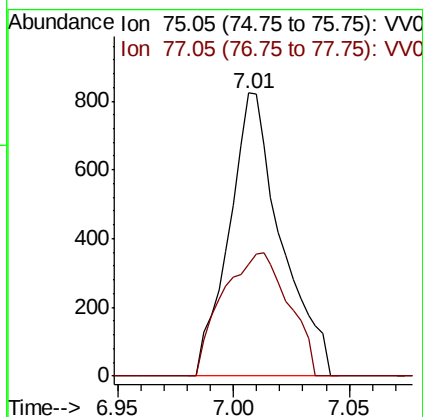
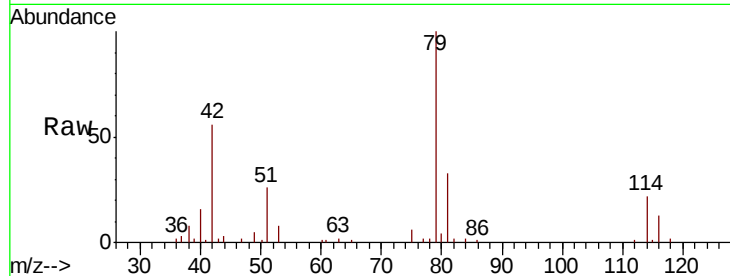




#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015608.D
 Acq: 21 Apr 2020 18:14

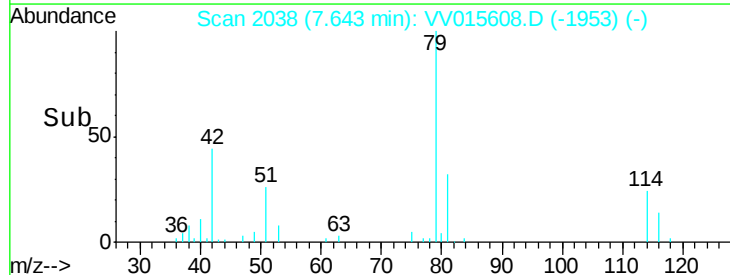
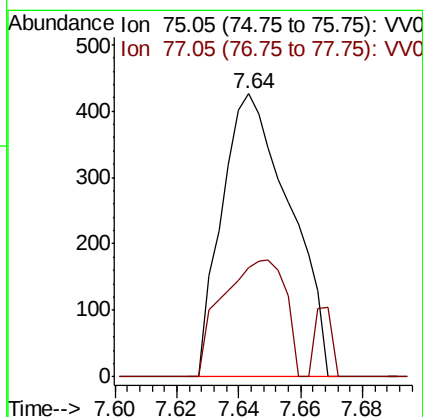
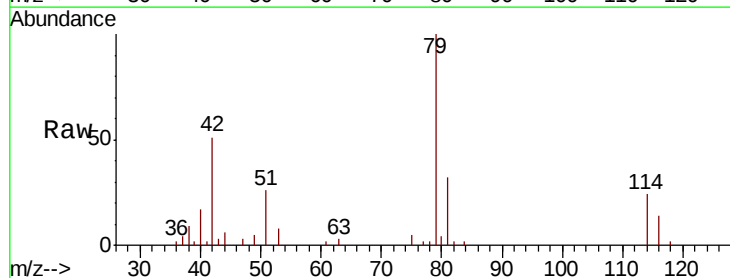
Instrument :
 MSVOA_V
 ClientSampled :

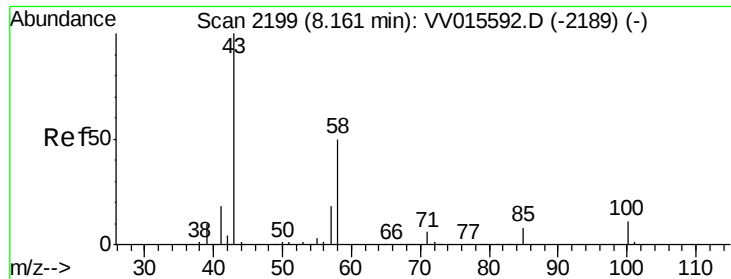
Tot Ion: 75 Resp: 1281
 Ion Ratio Lower Upper
 75 100
 77 39.4 23.0 42.6



#44
 trans-1,3-Dichloropropene
 Concen: 0.054 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015608.D
 Acq: 21 Apr 2020 18:14

Tgt Ion: 75 Resp: 649
 Ion Ratio Lower Upper
 75 100
 77 38.5 21.0 39.0

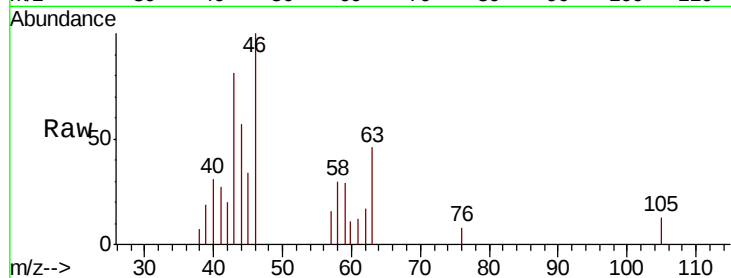




#48
 2-Hexanone
 Concen: 0.481 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV015608.D
 Acq: 21 Apr 2020 18:14

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 2041
 Ion Ratio Lower Upper
 43 100
 58 37.3 41.4 62.0#
 57 5.3 15.0 22.4#
 100 0.0 9.4 14.2#



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

