

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072920\
 Data File : VV017734.D
 Acq On : 29 Jul 2020 16:40
 Operator : SY/MD
 Sample : L3470-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 04:31:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 30 04:28:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145763	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	145568	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73613	5.00	ug/L	0.00

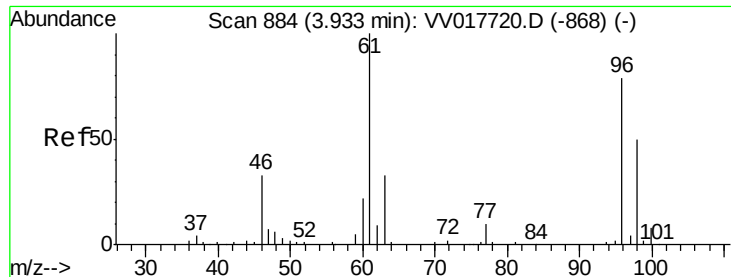
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31202	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.58	69	27453	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.12	63	52149	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.92	46	67815	40.73	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.46%
24) Chloroform-d	4.38	84	77375	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.06	65	44125	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.07	84	133639	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.09	67	37323	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.34	98	124103	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
45) trans-1,3-Dichloropropene-	7.65	79	15585	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
48) 2-Hexanone-d5	8.11	63	46595	37.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25330	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	52515	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

					Ovalue
22) cis-1,2-Dichloroethene	3.94	96	18705	1.737	ug/L 98
25) Chloroform	4.40	83	13596	0.674	ug/L 99
29) 1,1,1-Trichloroethane	4.64	97	3930	0.193	ug/L # 88
34) Trichloroethene	5.94	95	37246	3.236	ug/L 98
35) Methylcyclohexane	6.09	83	10369	0.596	ug/L # 18
37) 1,2-Dichloropropane	6.10	63	5387	0.556	ug/L # 86
42) Toluene	7.42	91	5390	0.120	ug/L 85

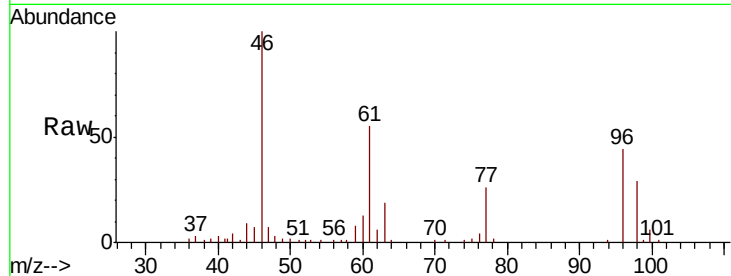
(#) = qualifier out of range (m) = manual integration (+) = signals summed



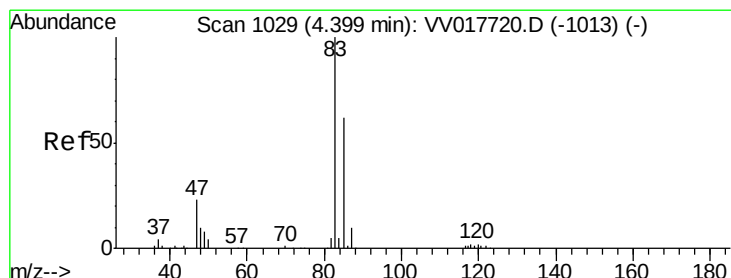
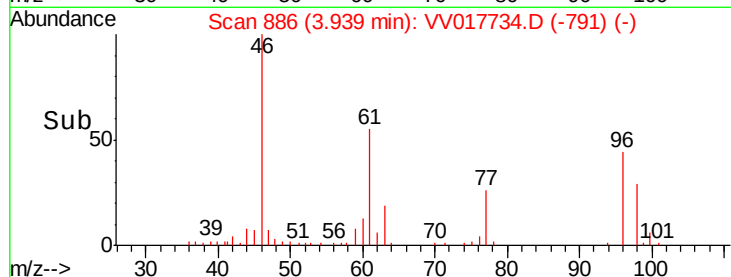
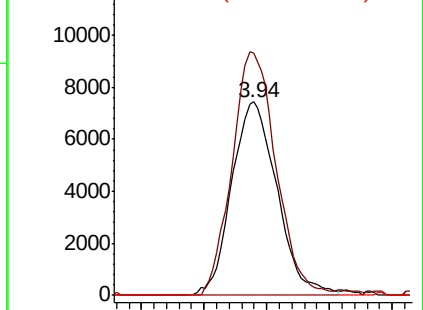
#22
 cis-1,2-Dichloroethene
 Concen: 1.737 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV017734.D
 Acq: 29 Jul 2020 16:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 18705
 Ion Ratio Lower Upper
 96 100
 61 125.1 89.6 166.4
 68 0.0 0.0 0.0

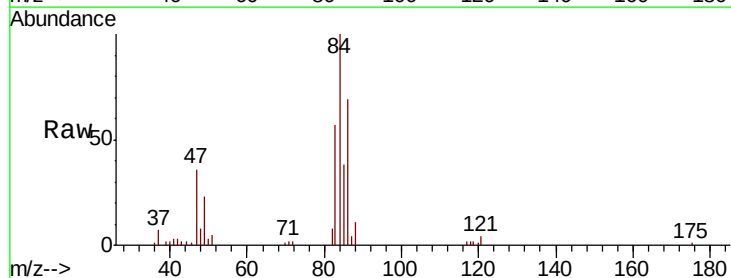


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

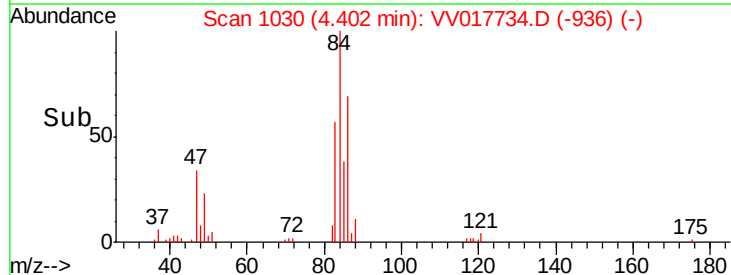
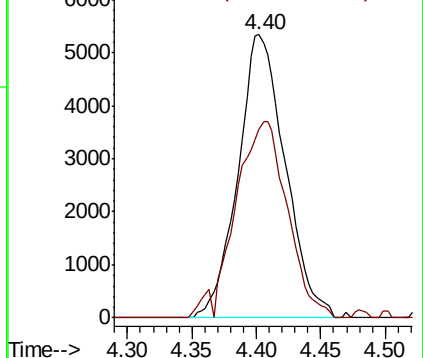


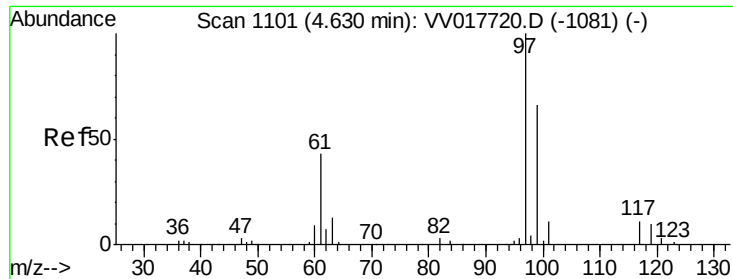
#25
 Chloroform
 Concen: 0.674 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV017734.D
 Acq: 29 Jul 2020 16:40

Tgt Ion: 83 Resp: 13596
 Ion Ratio Lower Upper
 83 100
 85 66.6 47.3 87.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

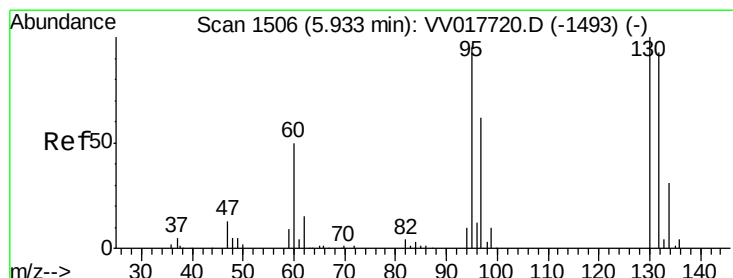
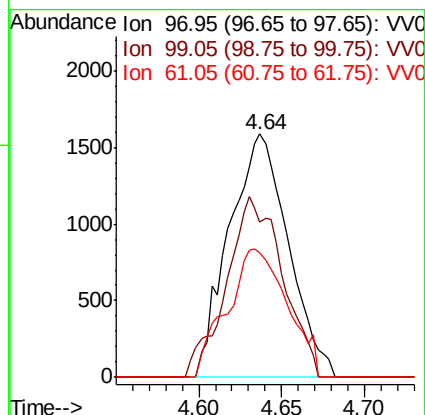
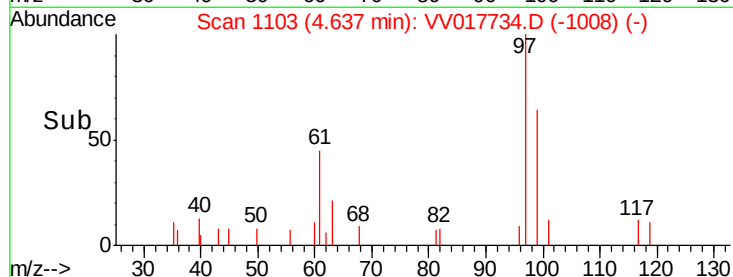
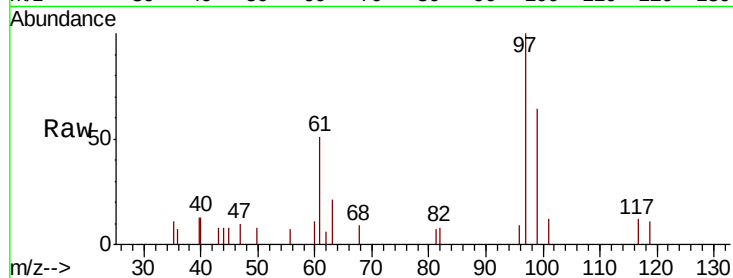




#29
1,1,1-Trichloroethane
Concen: 0.193 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VV017734.D
Acq: 29 Jul 2020 16:40

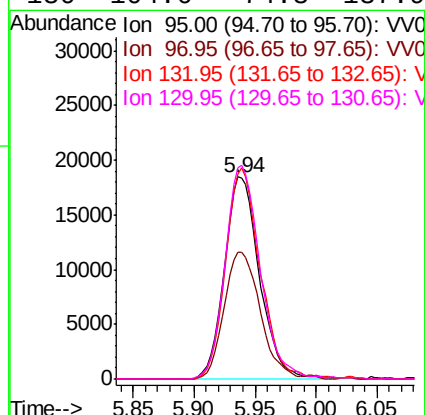
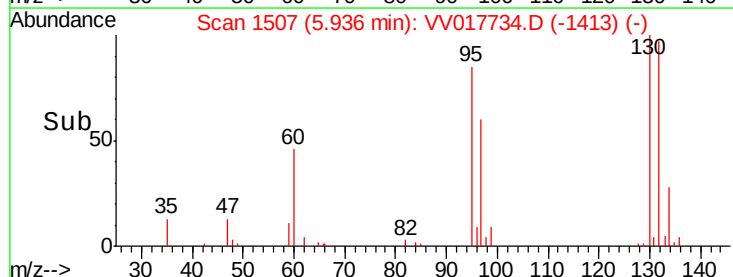
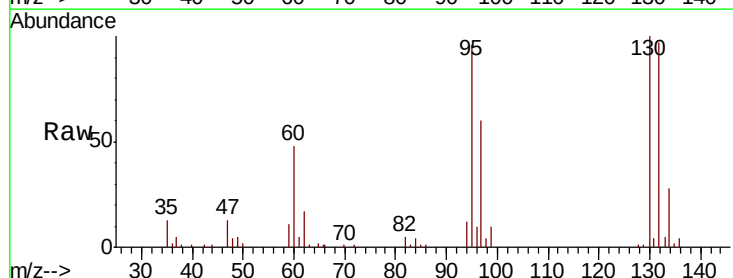
Instrument :
MSVOA_V
ClientSampled :

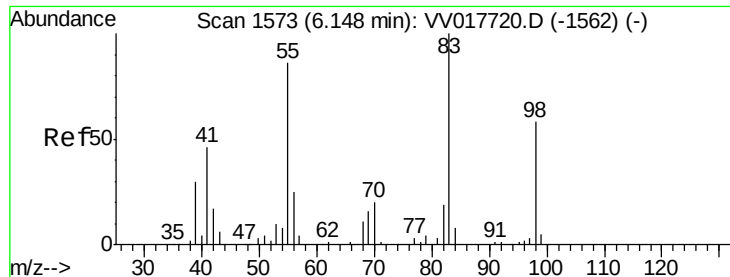
Tot Ion: 97 Resp: 3930
Ion Ratio Lower Upper
97 100
99 70.8 50.6 76.0
61 54.2 35.7 53.5#



#34
Trichloroethene
Concen: 3.236 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017734.D
Acq: 29 Jul 2020 16:40

Tgt Ion: 95 Resp: 37246
Ion Ratio Lower Upper
95 100
97 62.6 46.1 85.5
132 101.6 71.7 133.1
130 104.6 74.3 137.9





#35

Methylcyclohexane

Concen: 0.596 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.05 min

Lab File: VV017734.D

Acq: 29 Jul 2020 16:40

Instrument :
MSVOA_V
ClientSampled :

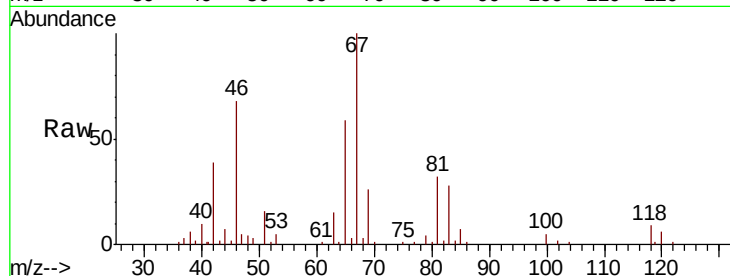
Tot Ion: 83 Resp: 10369

Ion Ratio Lower Upper

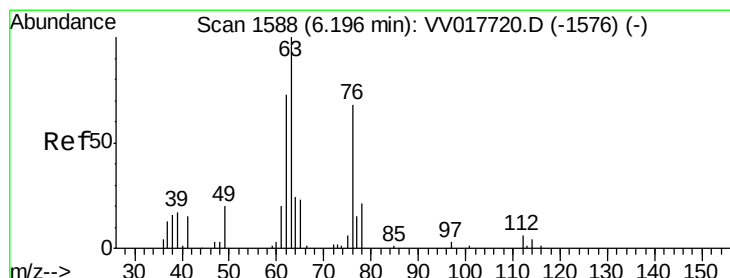
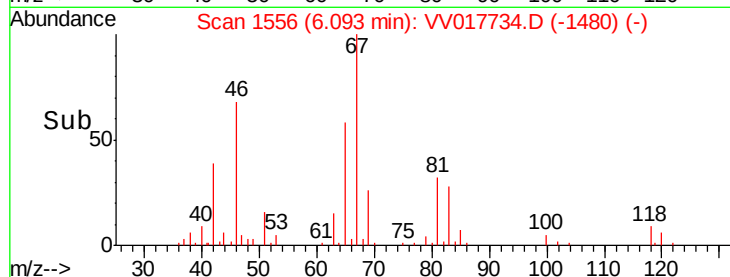
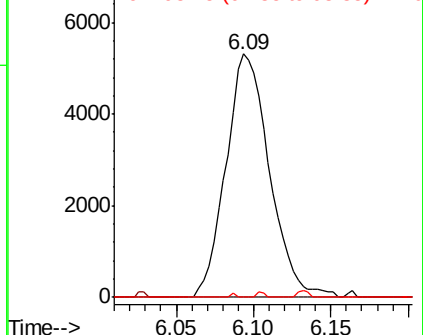
83 100

55 0.5 61.8 92.8#

98 0.4 39.0 58.6#



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: 0.556 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV017734.D

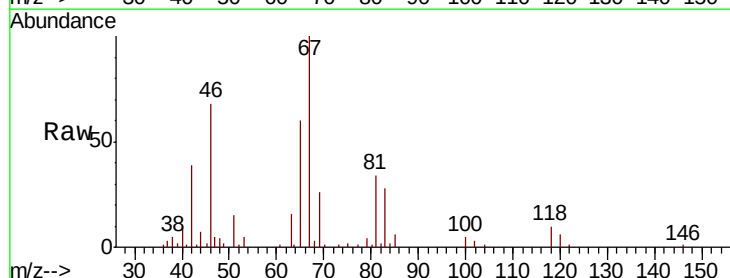
Acq: 29 Jul 2020 16:40

Tgt Ion: 63 Resp: 5387

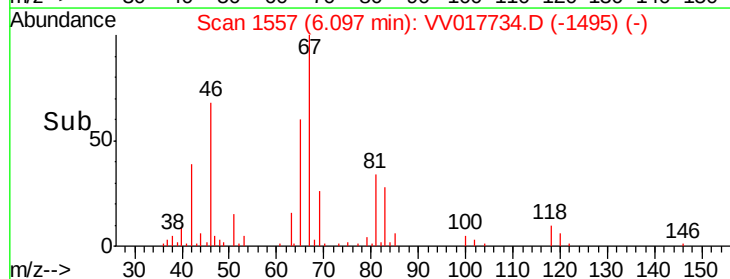
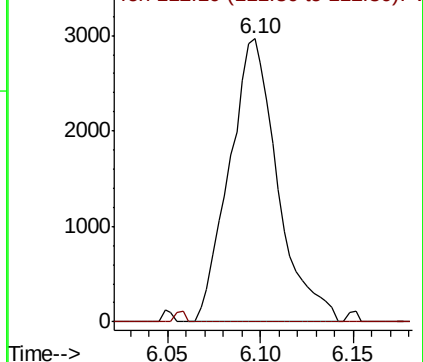
Ion Ratio Lower Upper

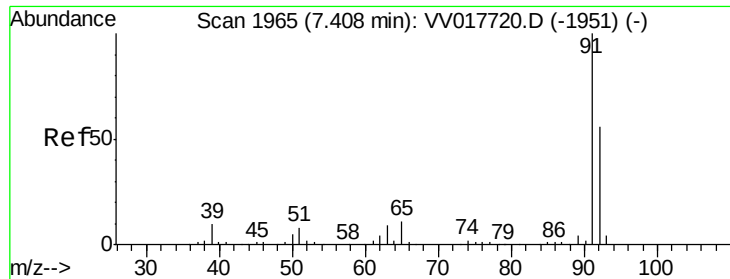
63 100

112 0.8 4.5 6.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.120 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV017734.D

Acq: 29 Jul 2020 16:40

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 5390

Ion Ratio Lower Upper

91 100

92 69.1 40.8 75.8

