

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072820\
 Data File : VV017717.D
 Acq On : 28 Jul 2020 20:17
 Operator : SY/MD
 Sample : L3470-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 29 05:21:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 29 05:17:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	131221	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	133623	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	62755	5.00	ug/L	0.00

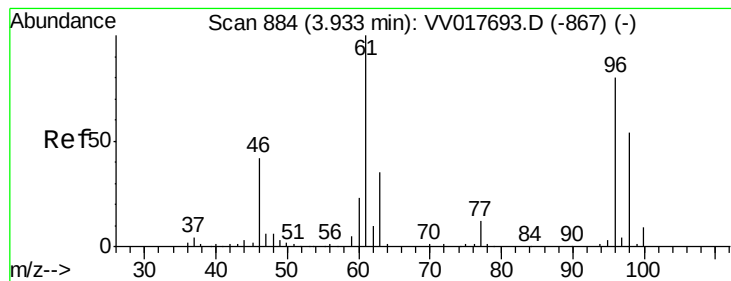
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26429	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.58	69	24852	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.12	63	49878	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.92	46	70823	47.25	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.50%
24) Chloroform-d	4.38	84	79546	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.06	65	44589	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.07	84	138710	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.09	67	37684	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.34	98	125418	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
45) trans-1,3-Dichloropropene-	7.64	79	16039	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
48) 2-Hexanone-d5	8.11	63	48926	42.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.10%
59) 1,1,1,2,2-Tetrachloroethane-	10.24	84	27029	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	54790	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

					Ovalue
22) cis-1,2-Dichloroethene	3.94	96	17831	1.839 ug/L	89
25) Chloroform	4.41	83	13286	0.731 ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	3711	0.199 ug/L #	85
34) Trichloroethene	5.94	95	37330	3.533 ug/L	95
35) Methylcyclohexane	6.10	83	10871	0.680 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	5318	0.598 ug/L #	86
42) Toluene	7.41	91	4998	0.121 ug/L	79

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

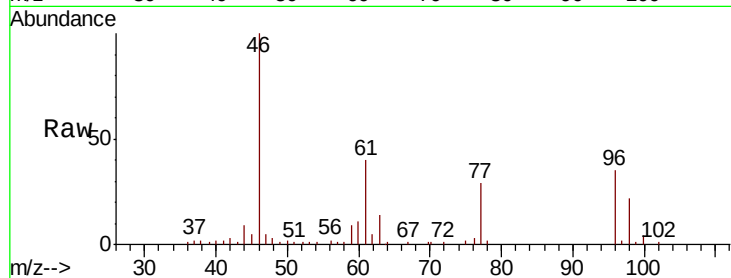


#22

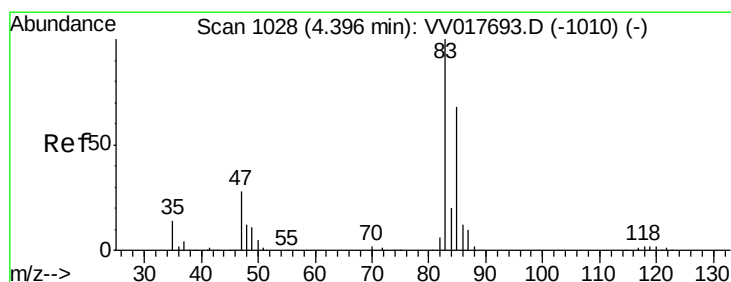
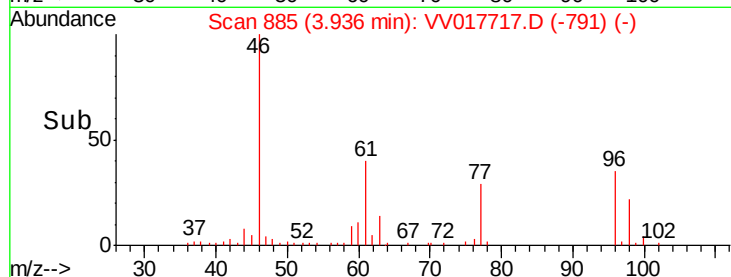
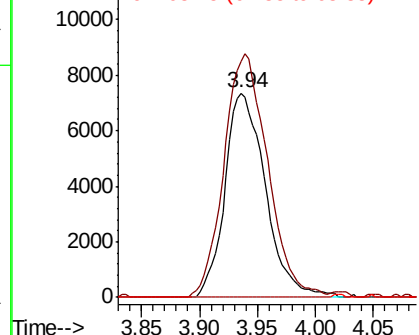
cis-1,2-Dichloroethene
Concen: 1.839 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV017717.D
Acq: 28 Jul 2020 20:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 17831
Ion Ratio Lower Upper
96 100
61 115.4 89.6 166.4
68 0.0 0.0 0.0



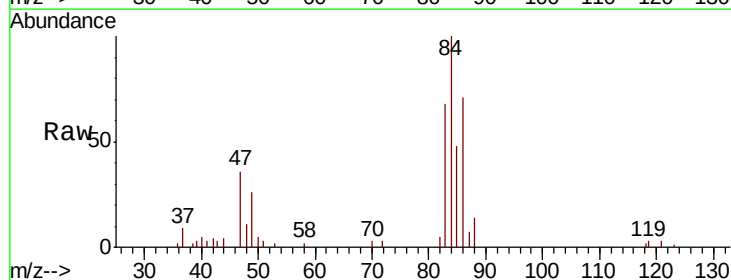
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



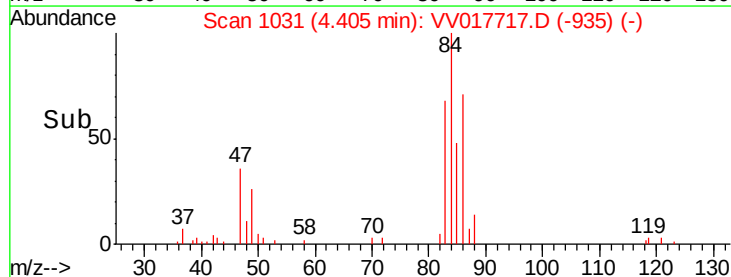
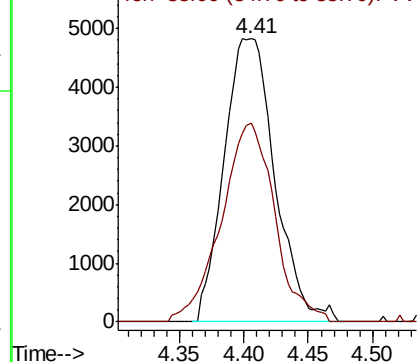
#25

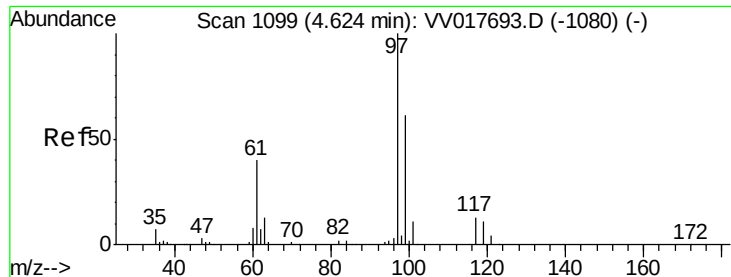
Chloroform
Concen: 0.731 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017717.D
Acq: 28 Jul 2020 20:17

Tgt Ion: 83 Resp: 13286
Ion Ratio Lower Upper
83 100
85 70.1 47.3 87.9



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

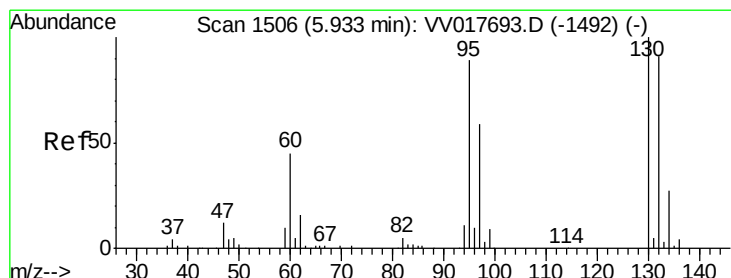
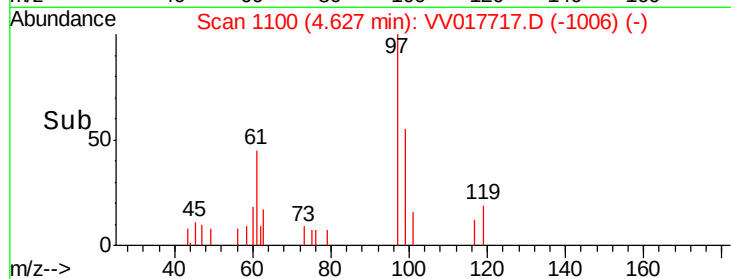
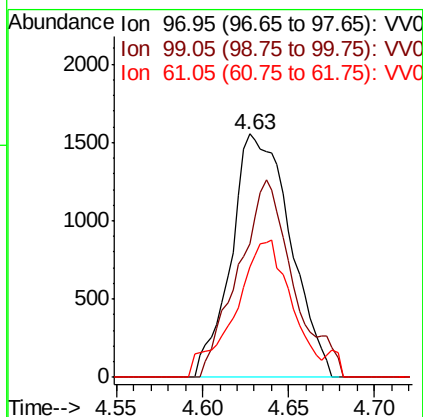
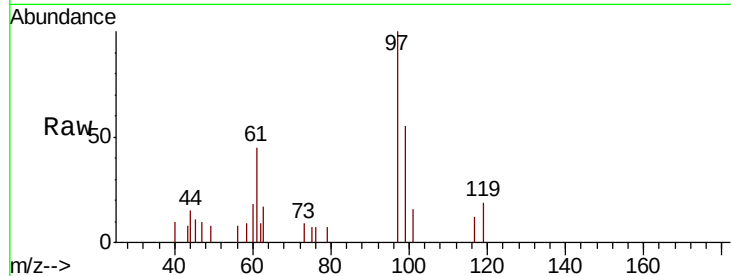




#29
1,1,1-Trichloroethane
Concen: 0.199 ug/L
RT: 4.63 min Scan# 1100
Delta R.T. 0.00 min
Lab File: VV017717.D
Acq: 28 Jul 2020 20:17

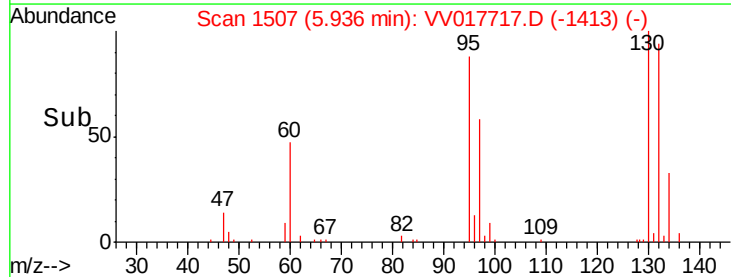
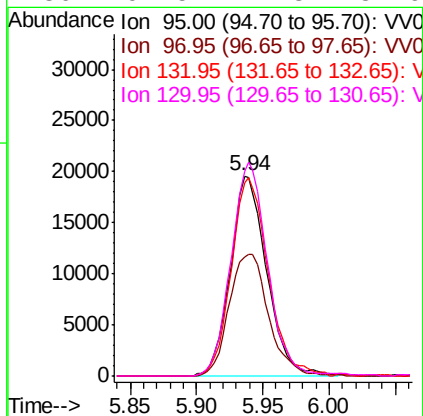
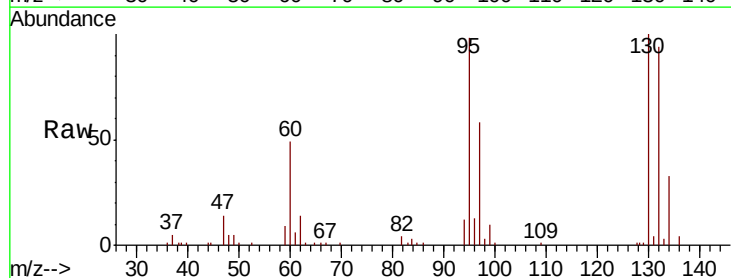
Instrument :
MSVOA_V
ClientSampleId :

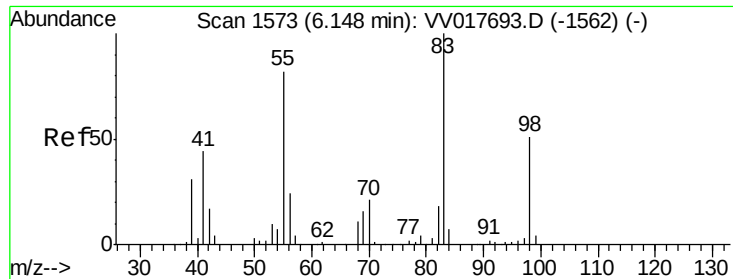
Tot Ion: 97 Resp: 3711
Ion Ratio Lower Upper
97 100
99 75.3 50.6 76.0
61 53.8 35.7 53.5#



#34
Trichloroethene
Concen: 3.533 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017717.D
Acq: 28 Jul 2020 20:17

Tgt Ion: 95 Resp: 37330
Ion Ratio Lower Upper
95 100
97 59.3 46.1 85.5
132 96.6 71.7 133.1
130 102.5 74.3 137.9

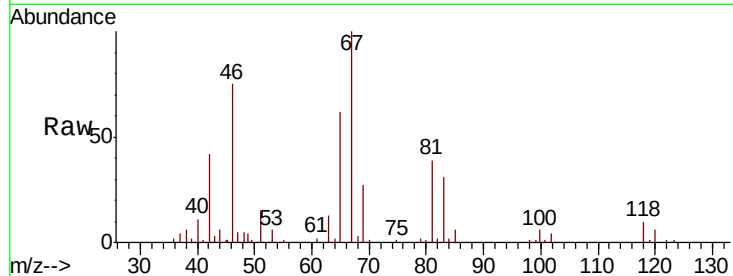




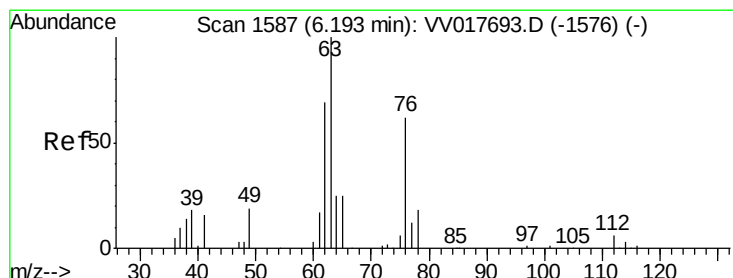
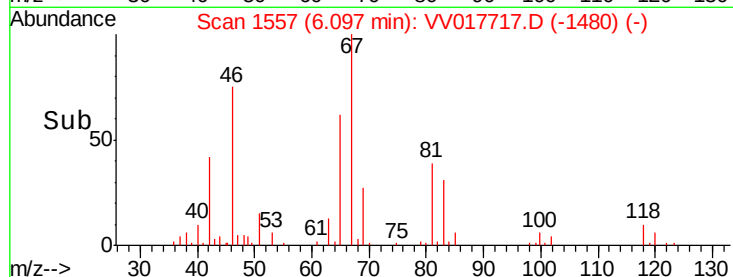
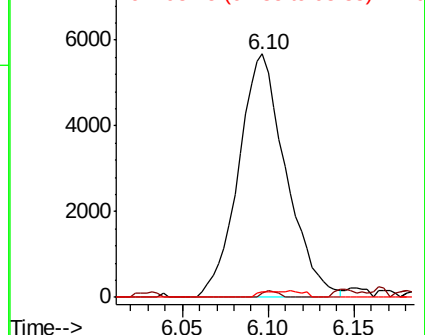
#35
Methylvlcyclohexane
Concen: 0.680 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017717.D
Acq: 28 Jul 2020 20:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 10871
Ion Ratio Lower Upper
83 100
55 0.9 61.8 92.8#
98 1.1 39.0 58.6#

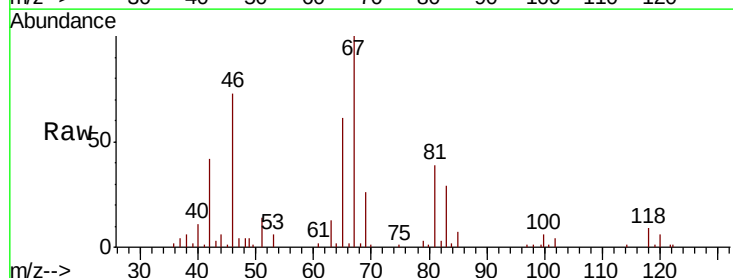


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

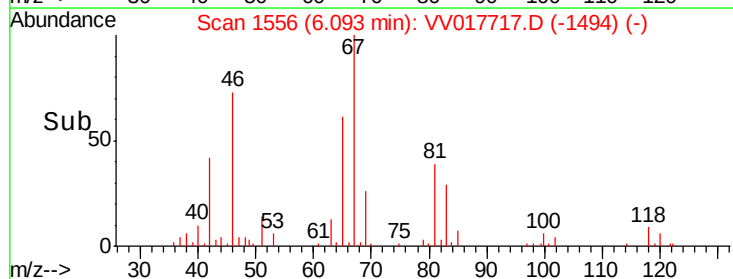
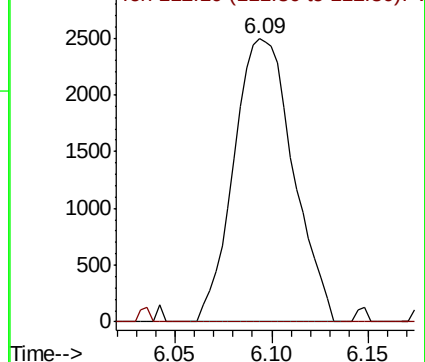


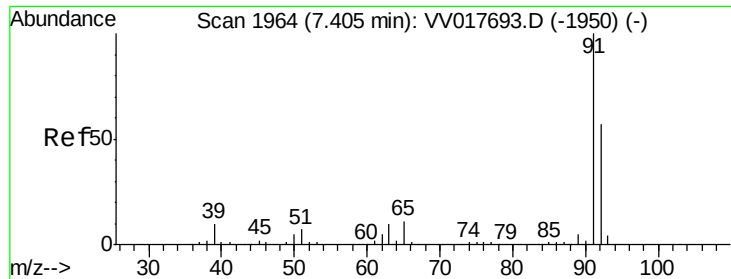
#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017717.D
Acq: 28 Jul 2020 20:17

Tgt Ion: 63 Resp: 5318
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: 0.121 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.01 min

Lab File: VV017717.D

Acq: 28 Jul 2020 20:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 4998

Ion Ratio Lower Upper

91 100

92 42.8 40.8 75.8

