

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072820\
 Data File : VV017705.D
 Acq On : 28 Jul 2020 15:04
 Operator : SY/MD
 Sample : L3459-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 29 05:19:48 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	143978	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144721	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	69838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33077	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.58	69	27765	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.13	63	57942	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.92	46	77753	47.28	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.56%
24) Chloroform-d	4.38	84	89115	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.06	65	48199	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.08	84	154650	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.10	67	41226	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.34	98	140693	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
45) trans-1,3-Dichloropropene-	7.65	79	17629	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
48) 2-Hexanone-d5	8.11	63	48656	39.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.14%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27511	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	60321	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

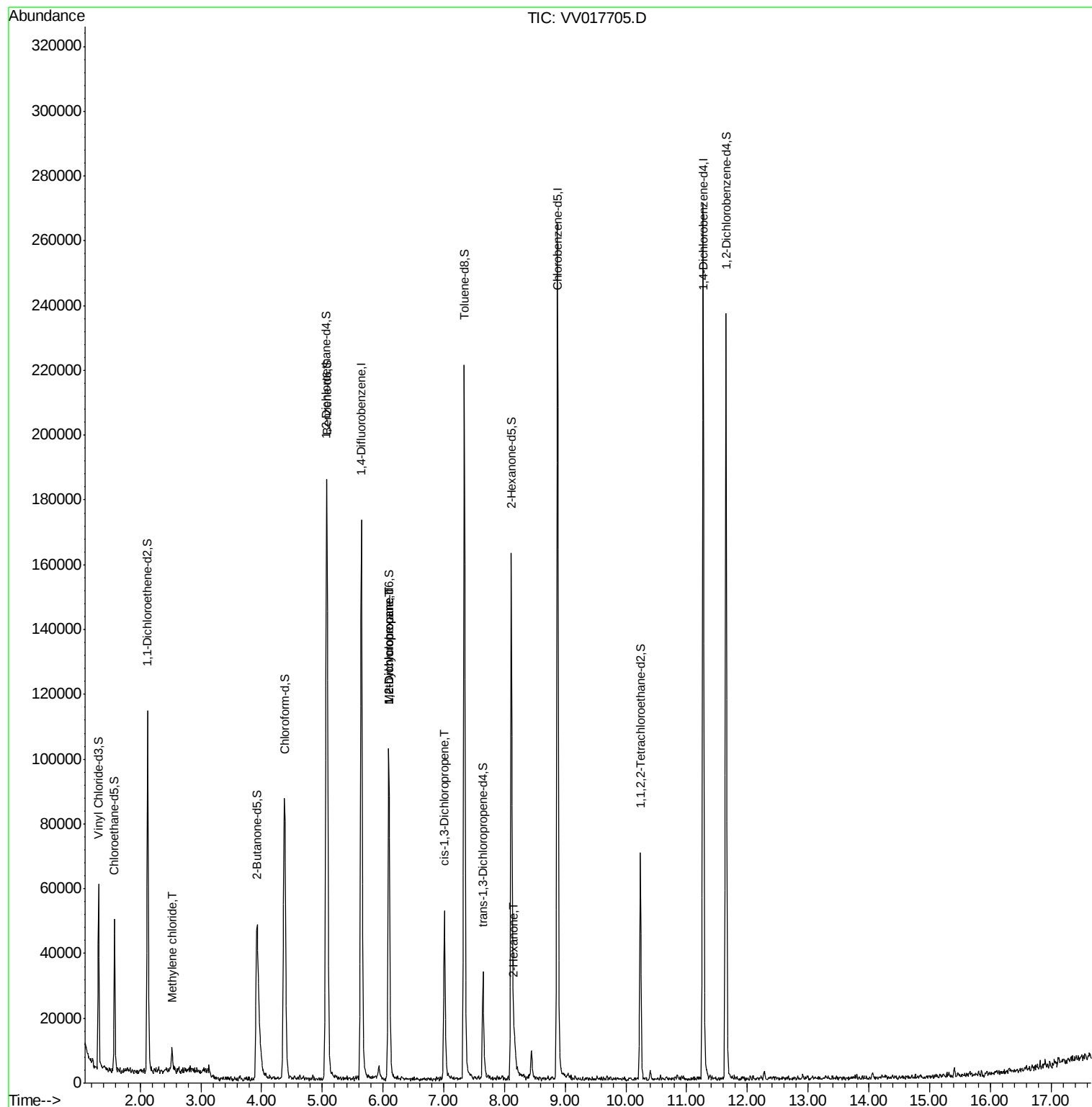
					Ovalue
16) Methylene chloride	2.52	84	2308	0.268 ug/L	91
35) Methylcyclohexane	6.10	83	11823	0.683 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	6469	0.672 ug/L #	84
39) cis-1,3-Dichloropropene	7.00	75	1789	0.123 ug/L #	65
50) 2-Hexanone	8.16	43	5670	1.518 ug/L #	76

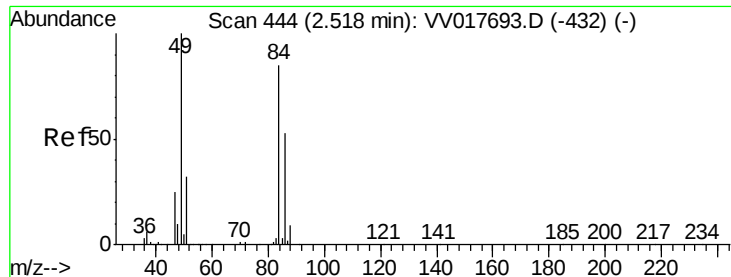
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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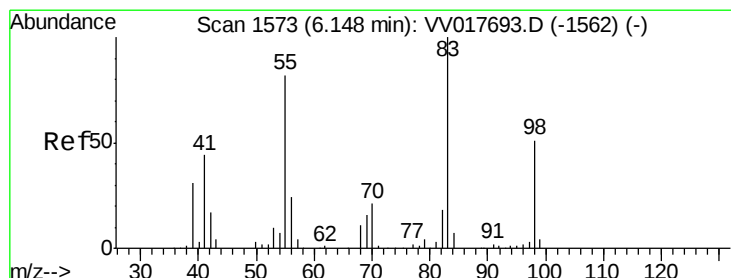
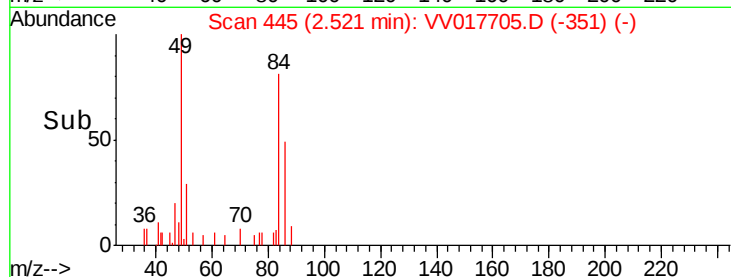
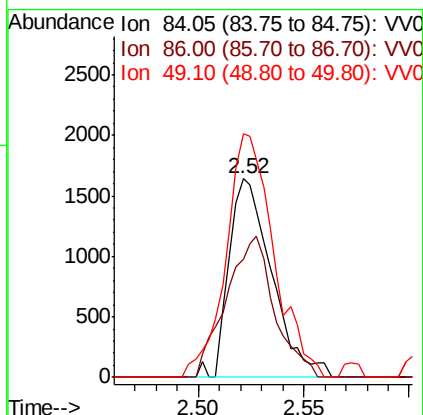
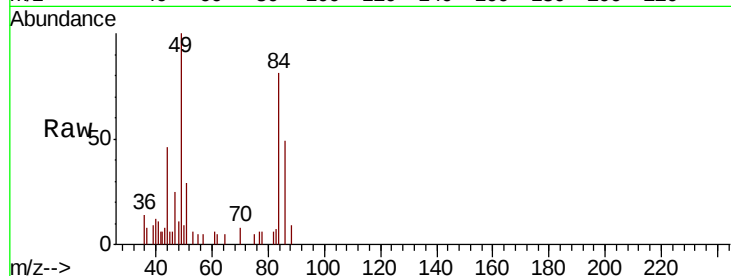




#16
Methylene chloride
Concen: 0.268 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV017705.D
Acq: 28 Jul 2020 15:04

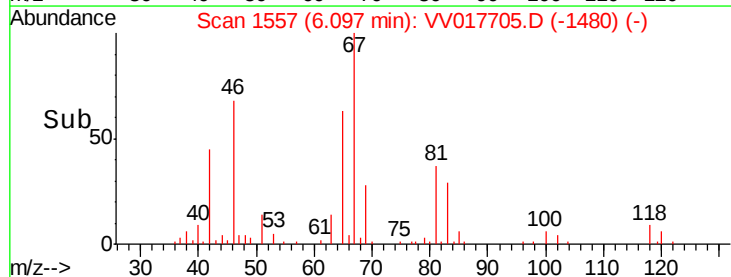
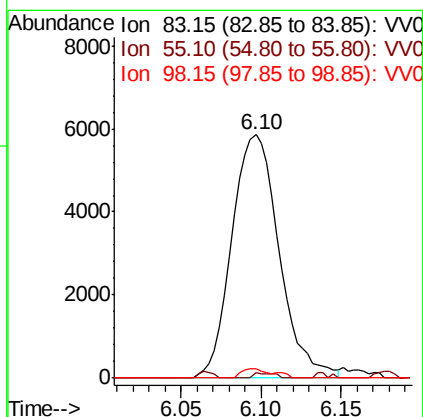
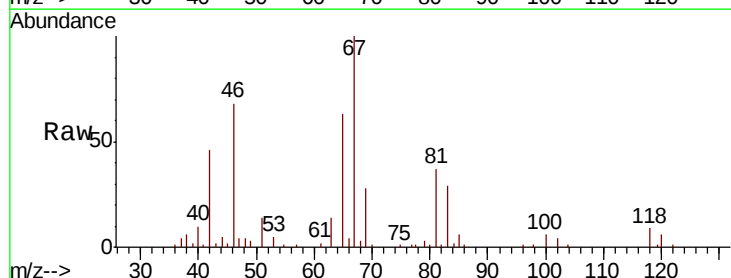
Instrument :
MSVOA_V
ClientSampled :

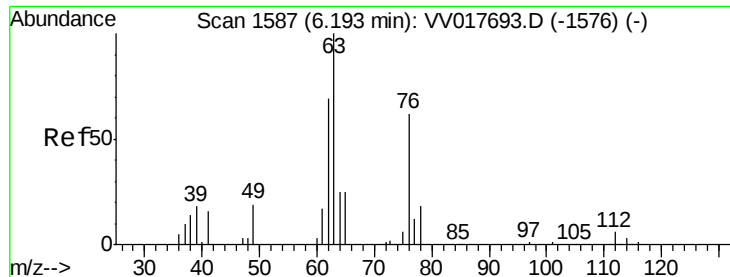
Tot Ion: 84 Resp: 2308
Ion Ratio Lower Upper
84 100
86 59.8 46.5 86.3
49 122.8 79.2 147.2



#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017705.D
Acq: 28 Jul 2020 15:04

Tgt Ion: 83 Resp: 11823
Ion Ratio Lower Upper
83 100
55 0.9 61.8 92.8#
98 1.9 39.0 58.6#

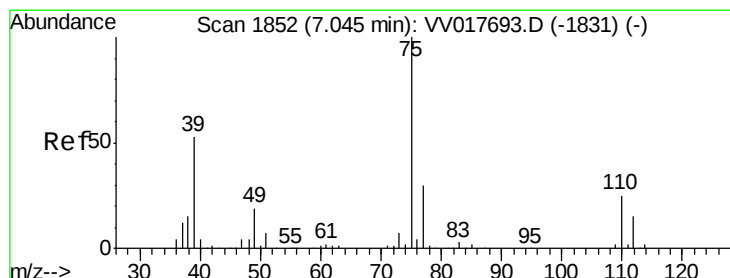
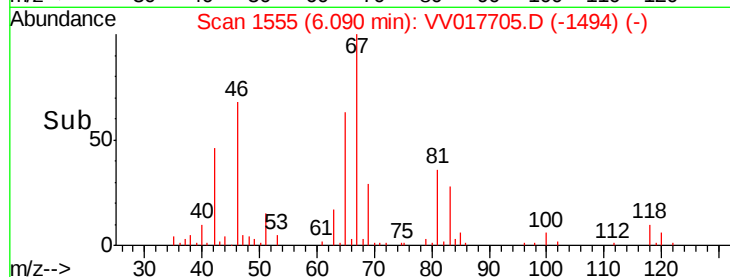
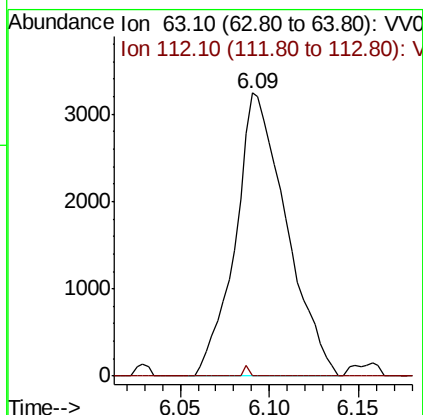
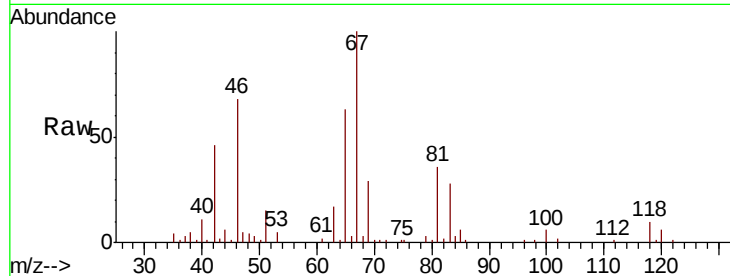




#37
 1,2-Dichloropropane
 Concen: 0.672 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.10 min
 Lab File: VV017705.D
 Acq: 28 Jul 2020 15:04

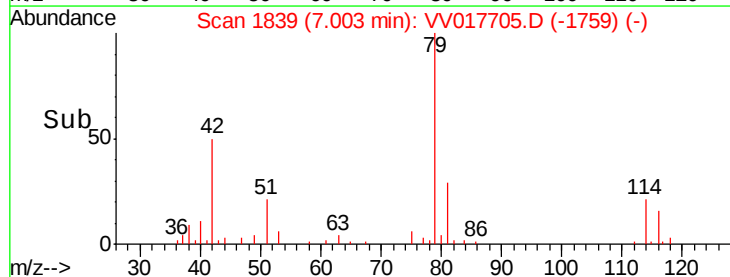
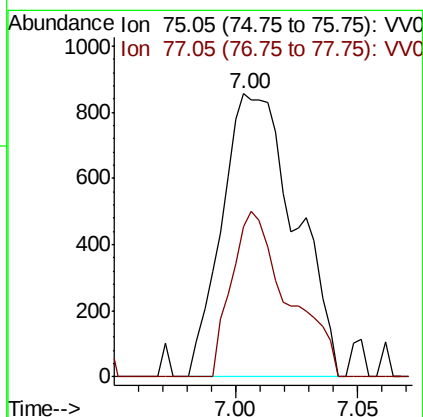
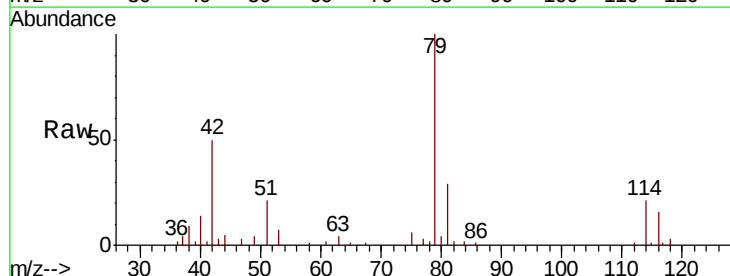
Instrument :
 MSVOA_V
 ClientSampleId :

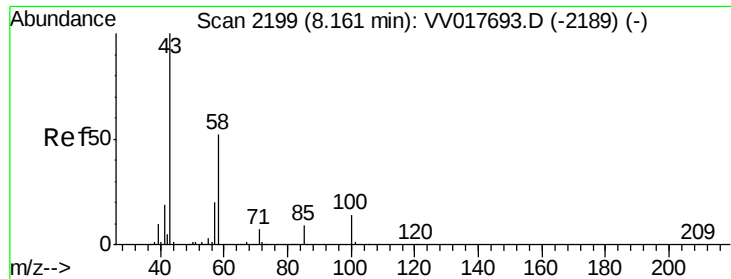
Tot Ion: 63 Resp: 6469
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.5 6.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV017705.D
 Acq: 28 Jul 2020 15:04

Tgt Ion: 75 Resp: 1789
 Ion Ratio Lower Upper
 75 100
 77 53.0 23.2 43.2#





#50
 2-Hexanone
 Concen: 1.518 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV017705.D
 Acq: 28 Jul 2020 15:04

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 5670
 Ion Ratio Lower Upper
 43 100
 58 35.4 41.6 62.4#
 57 4.3 15.4 23.0#
 100 7.8 11.2 16.8#

