

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072820\
 Data File : VV017703.D
 Acq On : 28 Jul 2020 14:16
 Operator : SY/MD
 Sample : L3470-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 29 05:19:35 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	142735	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138306	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	69823	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	10339	1.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	30.40%#
7) Chloroethane-d5	1.58	69	12577	2.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	48.20%#
11) 1,1-Dichloroethene-d2	2.12	63	13891	0.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	18.20%#
20) 2-Butanone-d5	3.97	46	92637	56.82	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.64%
24) Chloroform-d	4.37	84	57785	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.00%
26) 1,2-Dichloroethane-d4	5.06	65	34706	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
32) Benzene-d6	5.07	84	59843	1.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	39.20%#
36) 1,2-Dichloropropane-d6	6.10	67	25127	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	59.20%#
41) Toluene-d8	7.34	98	34691	1.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	23.80%#
45) trans-1,3-Dichloropropene-	7.65	79	10959	2.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.00%
48) 2-Hexanone-d5	8.12	63	55743	46.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.66%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29626	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	40437	3.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.60%#

Target Compounds

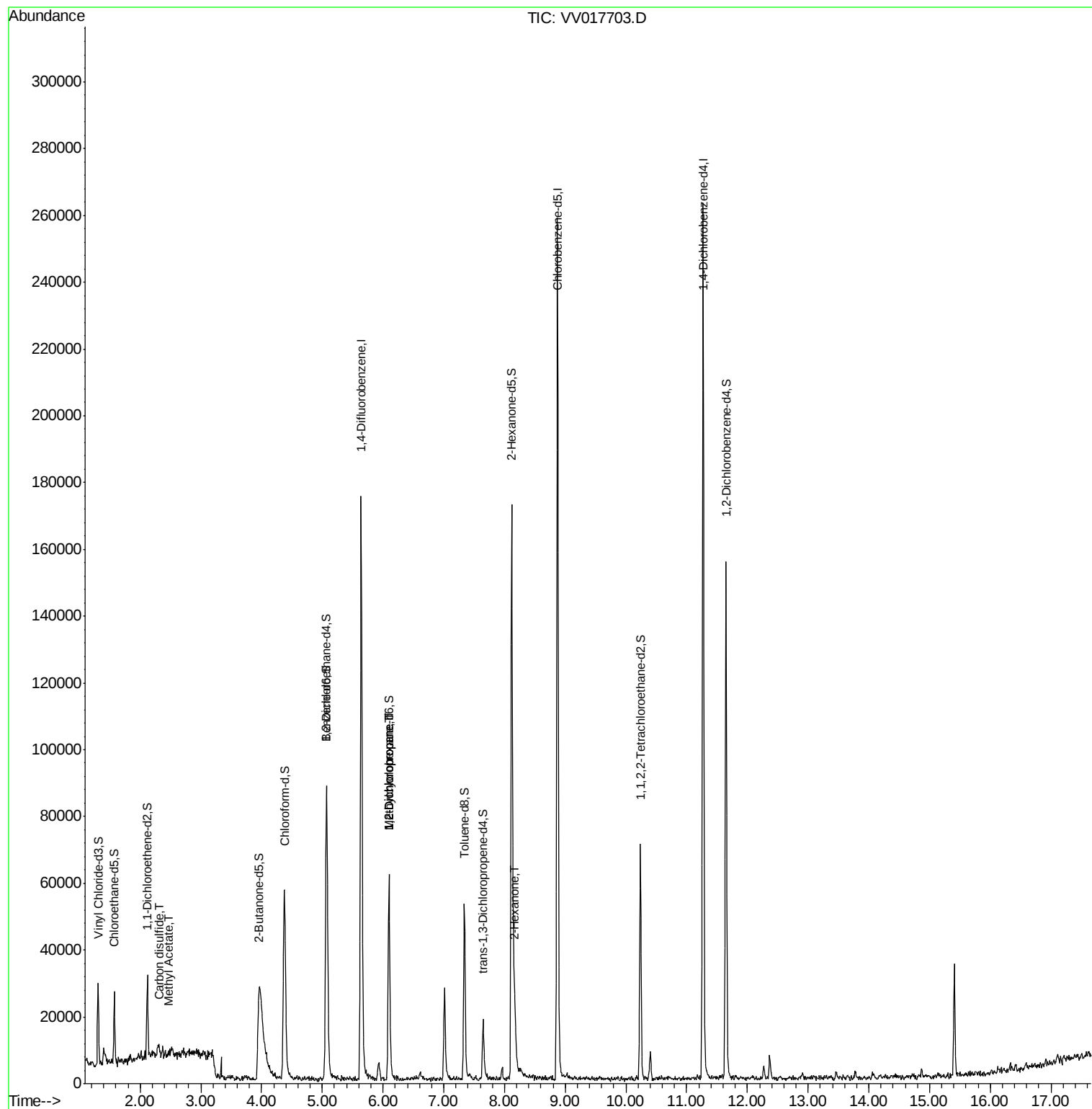
					Ovalue
14) Carbon disulfide	2.30	76	2795	0.120 ug/L #	86
15) Methyl Acetate	2.46	43	546	0.220 ug/L #	56
35) Methylcyclohexane	6.10	83	7295	0.441 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	3532	0.384 ug/L #	87
50) 2-Hexanone	8.17	43	10437	2.924 ug/L	97

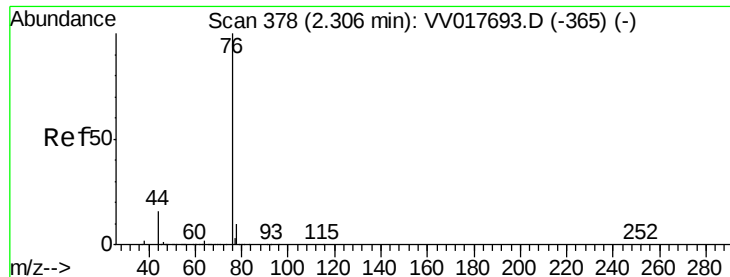
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.120 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.01 min

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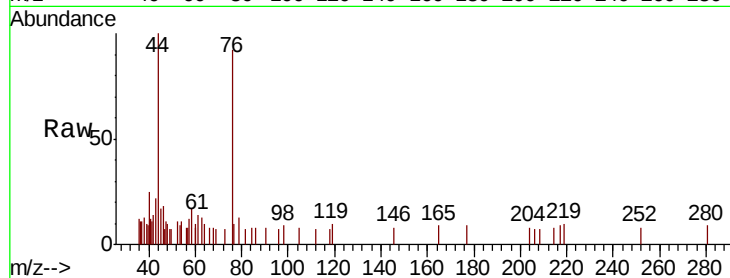
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 76 Resp: 2795

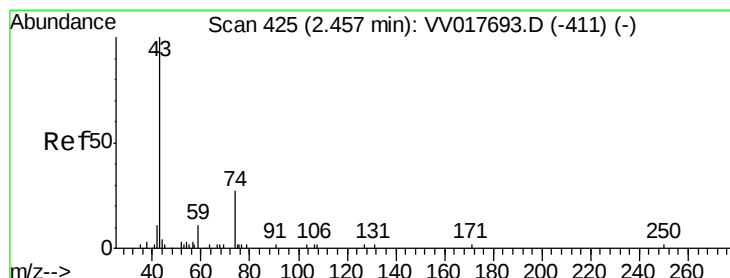
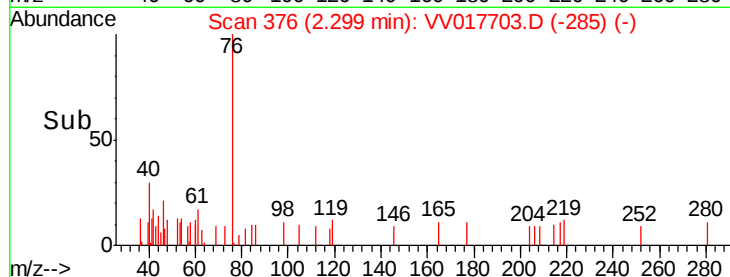
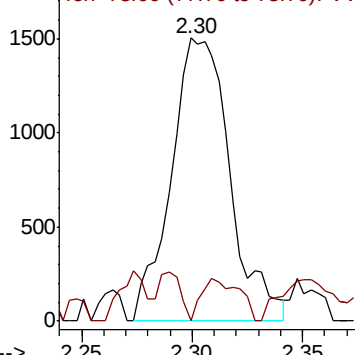
Ion Ratio Lower Upper

76 100

78 13.2 6.6 10.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0
Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 0.220 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.01 min

Lab File: VV017703.D

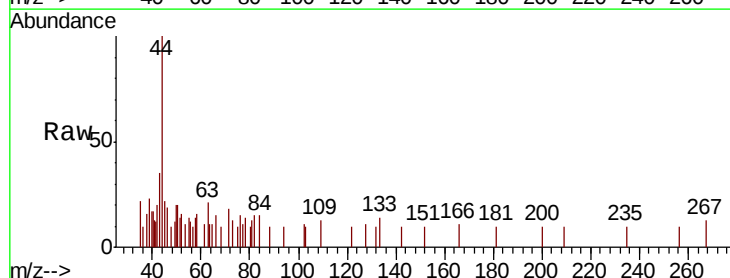
Acq: 28 Jul 2020 14:16

Tgt Ion: 43 Resp: 546

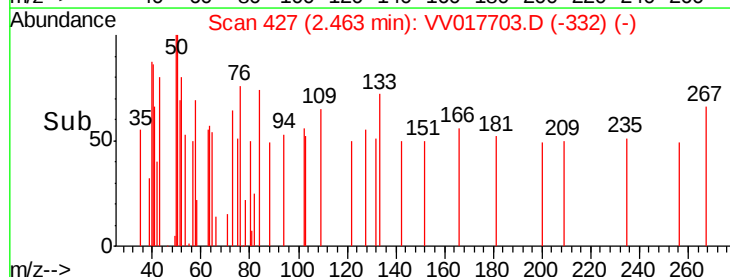
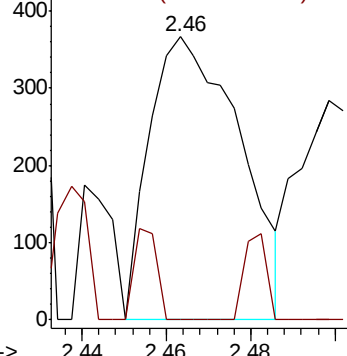
Ion Ratio Lower Upper

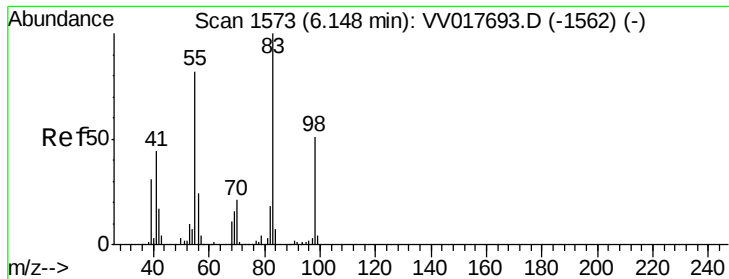
43 100

74 8.1 26.6 40.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 74.05 (73.75 to 74.75): VV0

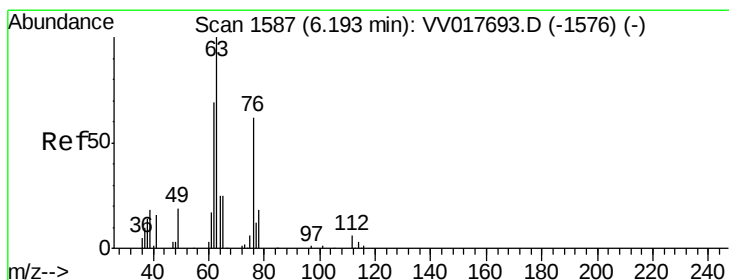
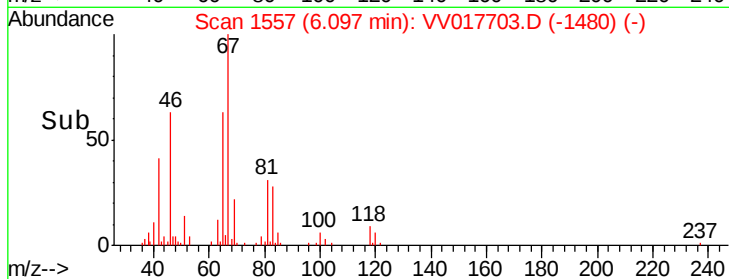
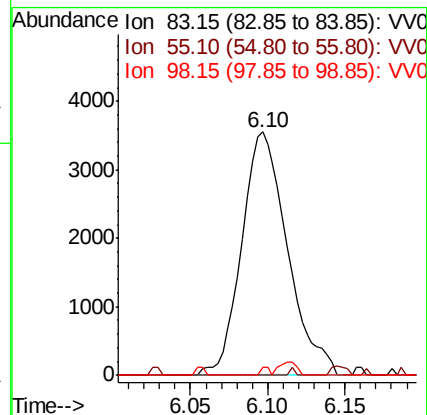
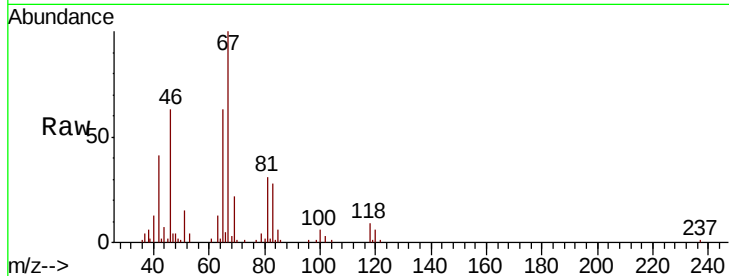




#35
Methvlcvclohexane
Concen: 0.441 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017703.D
Acq: 28 Jul 2020 14:16

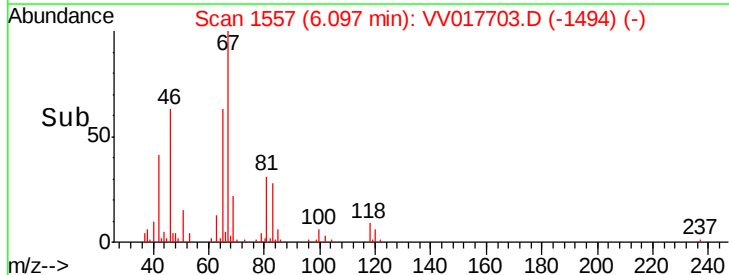
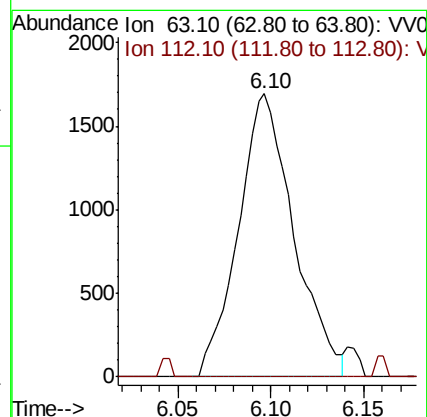
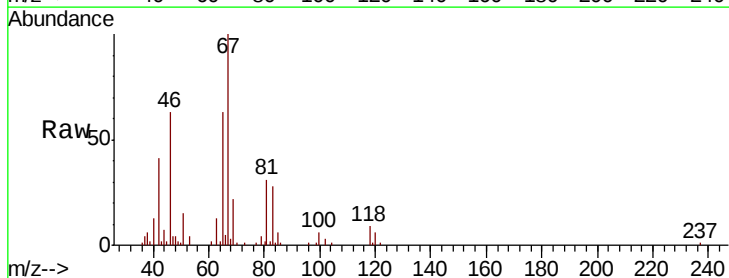
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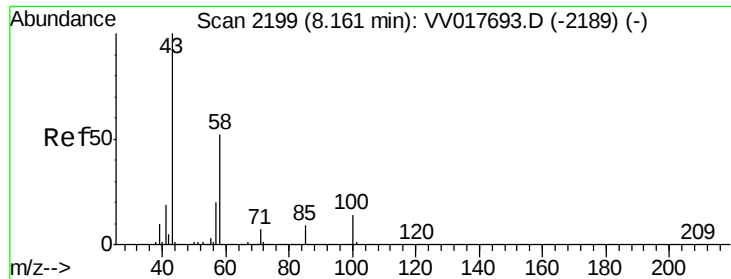
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.8	92.8#
98	0.7	39.0	58.6#



#37
1,2-Dichloropropane
Concen: 0.384 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017703.D
Acq: 28 Jul 2020 14:16

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.2	4.5	6.7#





#50
 2-Hexanone
 Concen: 2.924 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV017703.D
 Acq: 28 Jul 2020 14:16

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	10437
Ion	Ratio	Lower	Upper
43	100		
58	54.2	41.6	62.4
57	20.4	15.4	23.0
100	14.2	11.2	16.8

