

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015598.D
 Acq On : 21 Apr 2020 14:19
 Operator : SY/MD
 Sample : L2366-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 00:14:41 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	142025	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	133061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	65018	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34035	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.58	69	32779	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.12	63	53518	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.91	46	102207	49.40	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.80%
24) Chloroform-d	4.38	84	75904	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.06	65	43916	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.08	84	145908	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.10	67	46281	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.34	98	136208	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.64	79	15827	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.11	63	80715	41.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31424	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	50837	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

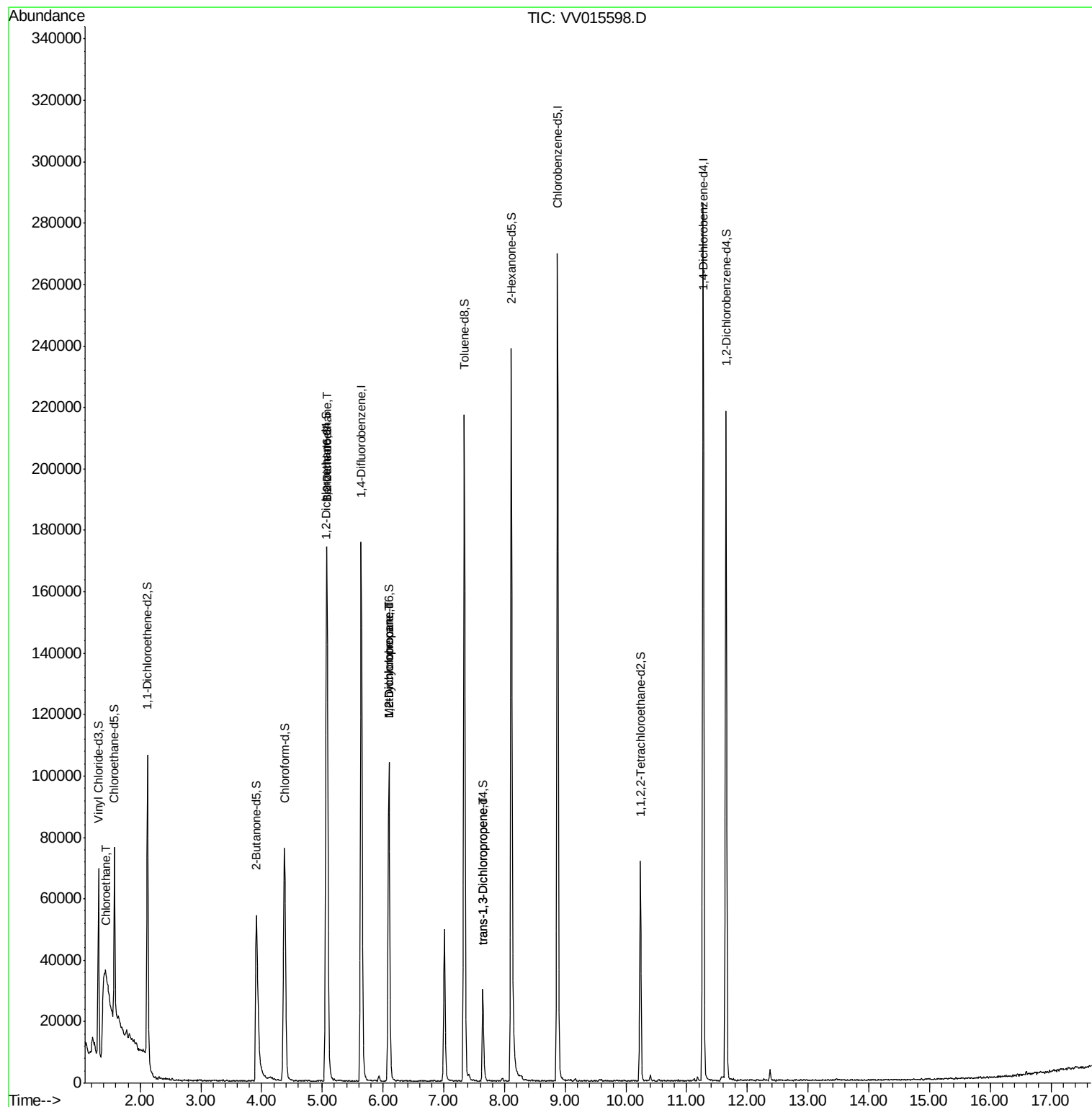
					Ovalue
8) Chloroethane	1.42	64	147527	19.733	ug/L # 52
27) 1,2-Dichloroethane	5.07	62	1059	0.085	ug/L # 77
35) Methylcyclohexane	6.09	83	11115	0.615	ug/L # 16
37) 1,2-Dichloropropane	6.10	63	5806	0.588	ug/L # 86
44) trans-1,3-Dichloropropene	7.65	75	667	0.052	ug/L # 69

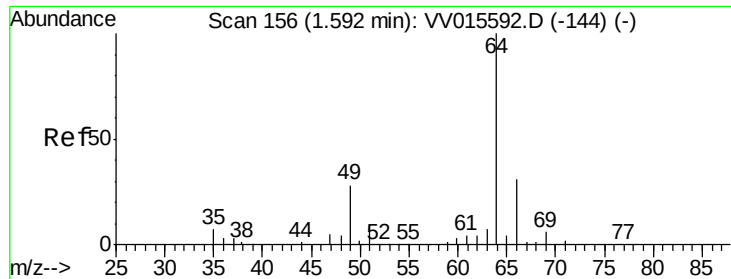
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 19.733 ug/L

RT: 1.42 min Scan# 104

Delta R.T. -0.17 min

Lab File: VV015598.D

Acq: 21 Apr 2020 14:19

Instrument :

MSVOA_V

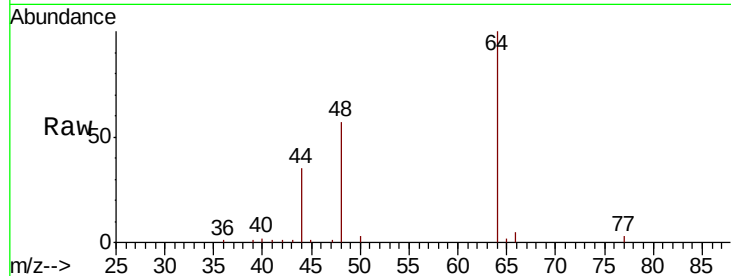
ClientSampleId :

Tot Ion: 64 Resp: 147527

Ion Ratio Lower Upper

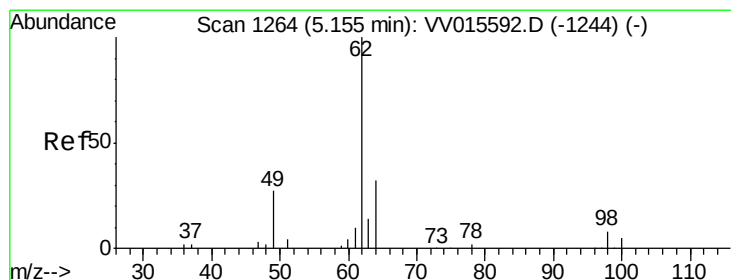
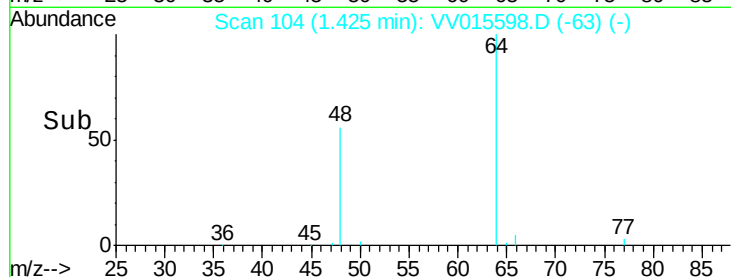
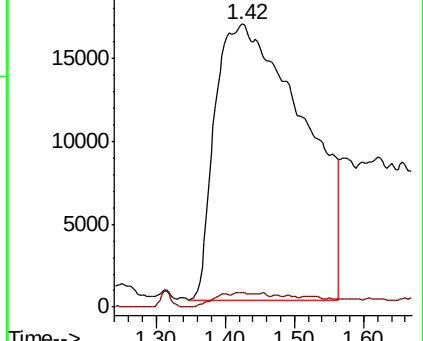
64 100

66 5.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#27

1,2-Dichloroethane

Concen: 0.085 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV015598.D

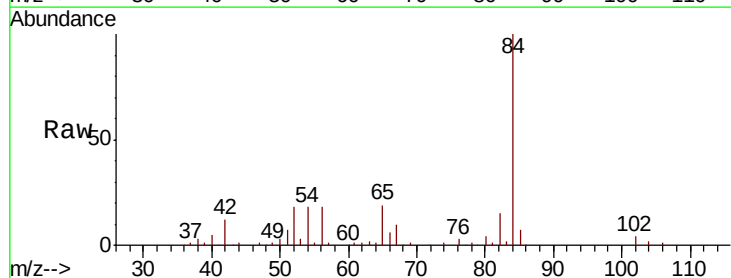
Acq: 21 Apr 2020 14:19

Tgt Ion: 62 Resp: 1059

Ion Ratio Lower Upper

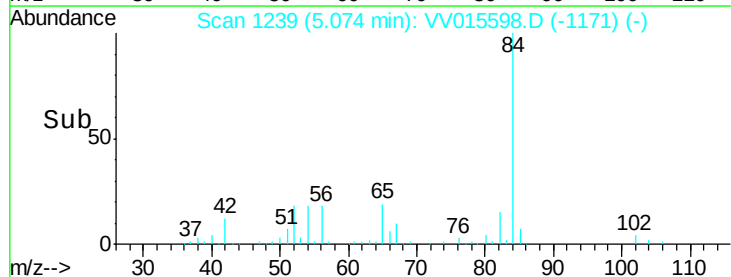
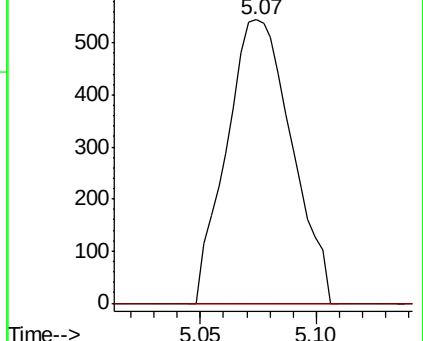
62 100

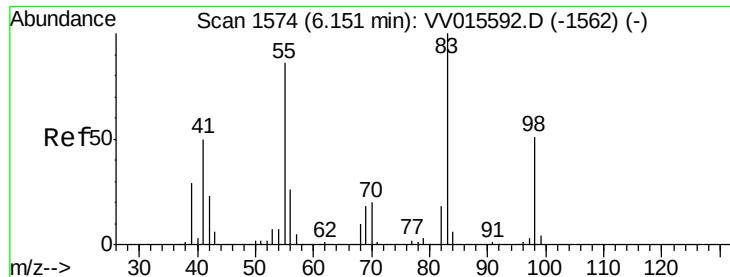
98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

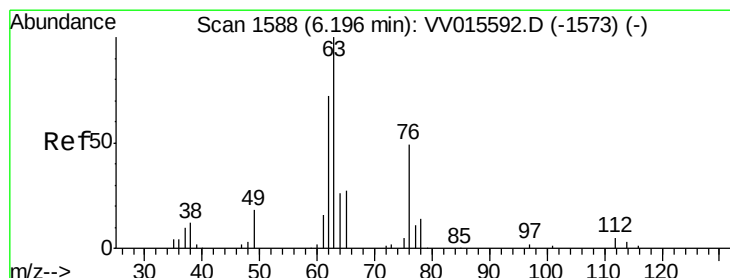
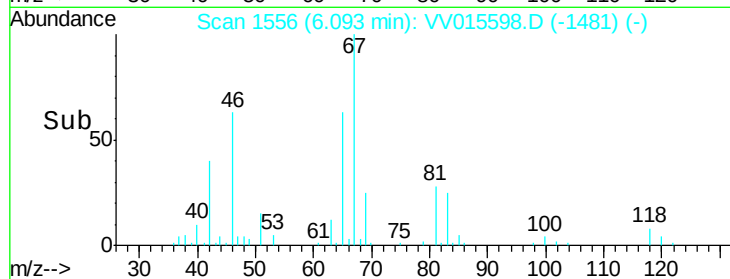
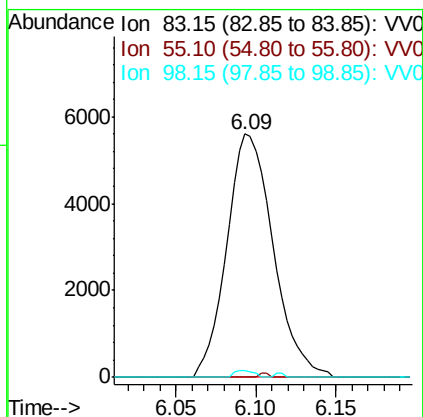
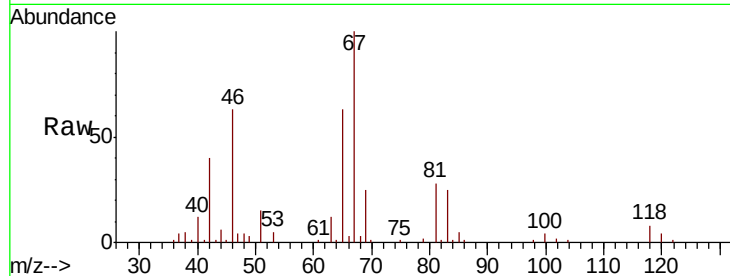




#35
Methylvlcyclohexane
Concen: 0.615 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015598.D
Acq: 21 Apr 2020 14:19

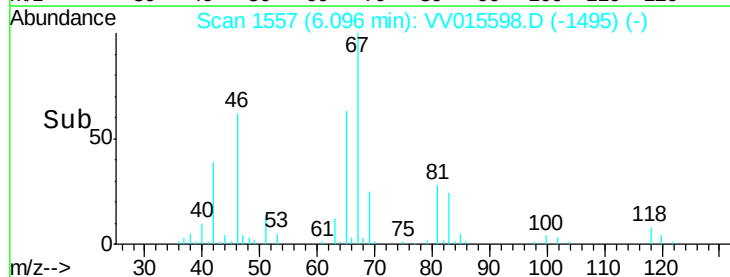
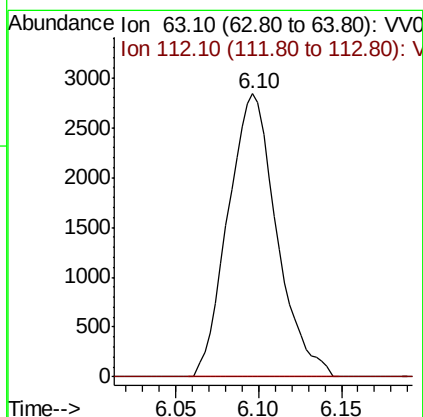
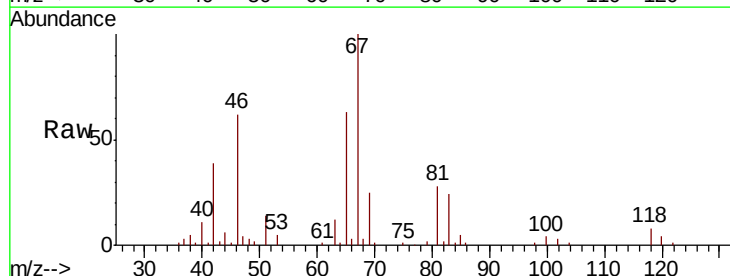
Instrument :
MSVOA_V
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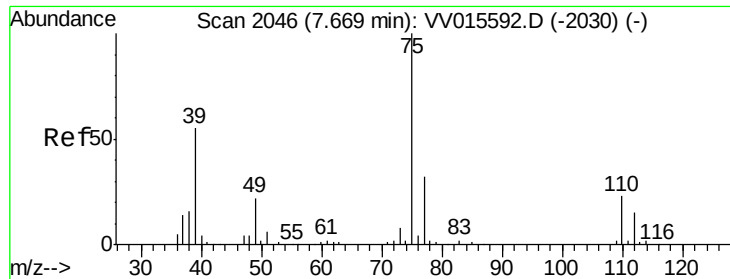
Tot Ion: 83 Resp: 11115
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 1.2 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015598.D
Acq: 21 Apr 2020 14:19

Tgt Ion: 63 Resp: 5806
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.052 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.02 min

Lab File: VV015598.D

Acq: 21 Apr 2020 14:19

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 667

Ion Ratio Lower Upper

75 100

77 46.5 21.0 39.0#

