

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072920\
 Data File : VV017727.D
 Acq On : 29 Jul 2020 13:52
 Operator : SY/MD
 Sample : L3470-11DL 50X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 04:30:57 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	164275	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161291	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	82193	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33622	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	28685	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.12	63	56175	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.92	46	73786	39.32	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.64%
24) Chloroform-d	4.38	84	81158	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.06	65	44807	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.07	84	141325	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.10	67	39025	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.34	98	129330	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
45) trans-1,3-Dichloropropene-	7.65	79	16460	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
48) 2-Hexanone-d5	8.11	63	46512	33.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25996	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	53450	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

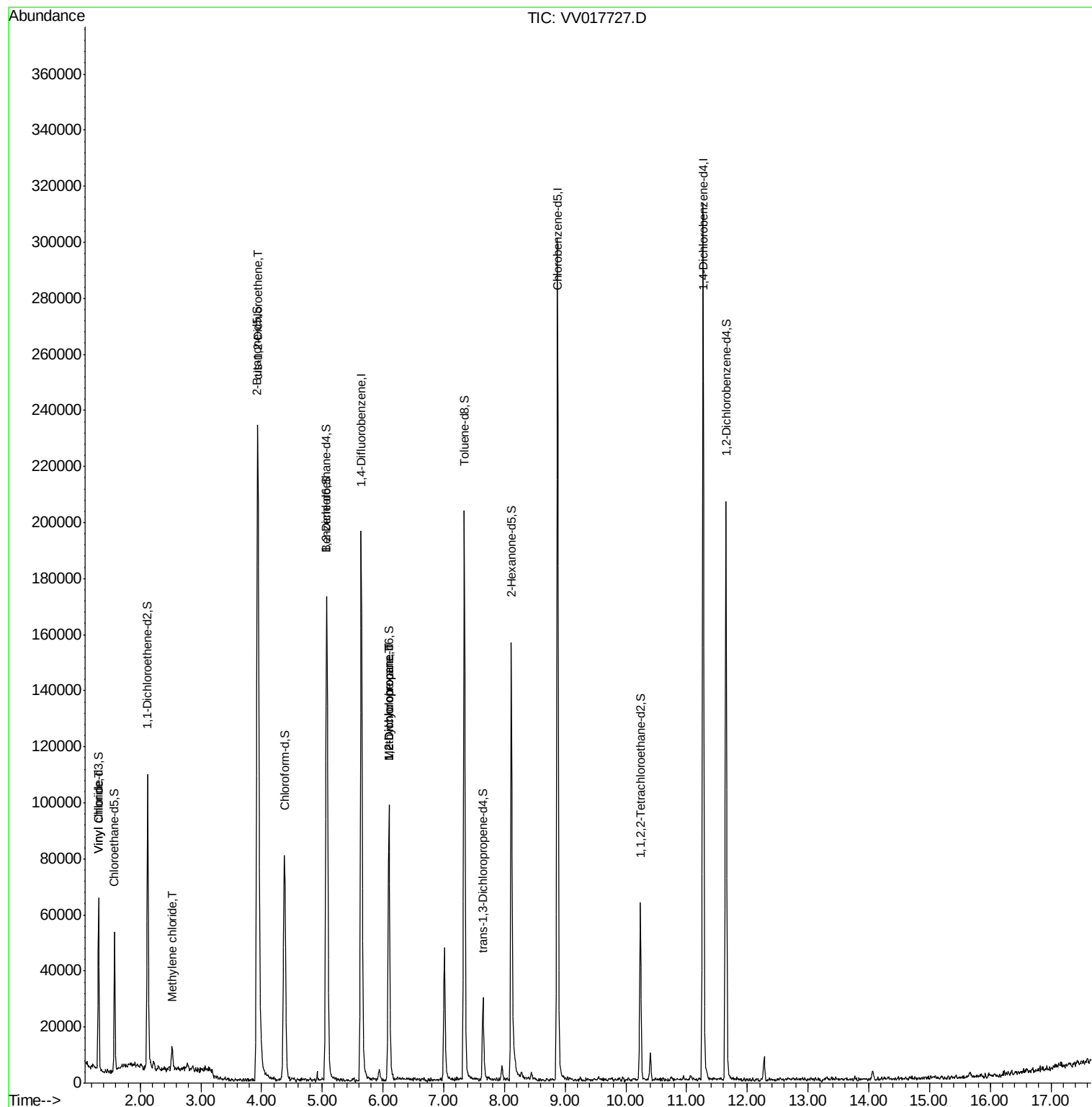
					Ovalue
5) Vinyl chloride	1.32	62	1697	0.145 ug/L #	18
16) Methylene chloride	2.52	84	3181	0.323 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	107361	8.845 ug/L	98
35) Methylcyclohexane	6.09	83	12086	0.627 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	5267	0.491 ug/L #	86

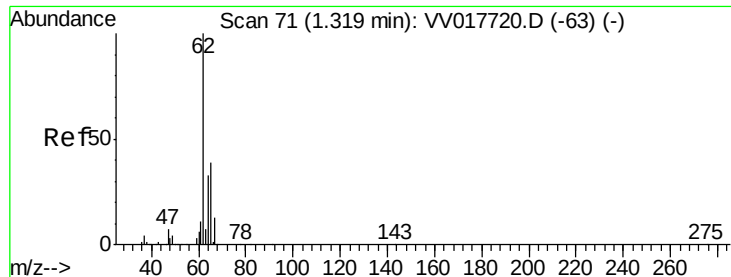
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.145 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017727.D

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Instrument :

MSVOA_V

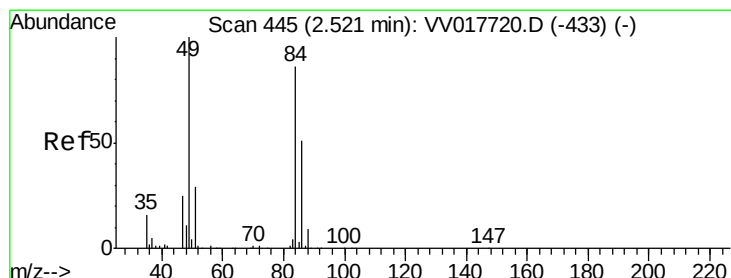
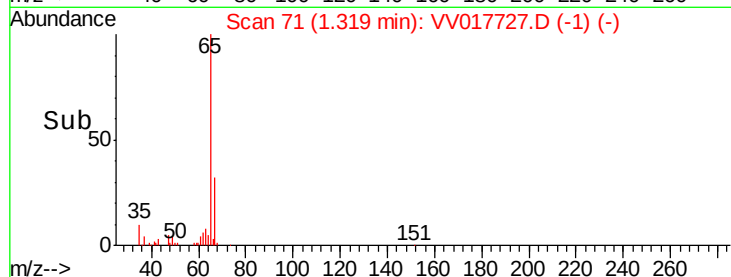
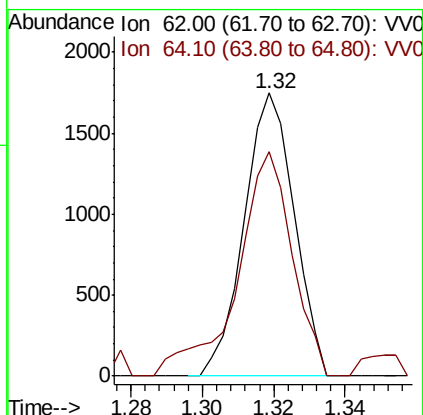
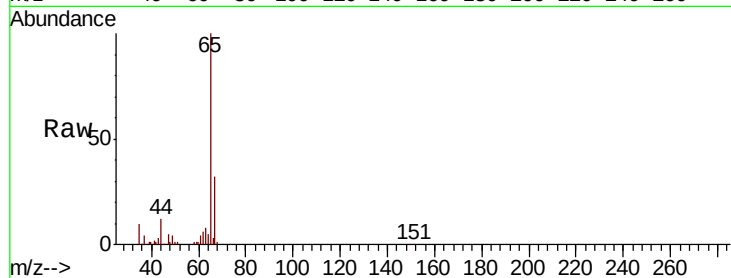
ClientSampleId :

Tot Ion: 62 Resp: 1697

Ion Ratio Lower Upper

62 100

64 79.1 23.0 42.8#



#16

Methylene chloride

Concen: 0.323 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

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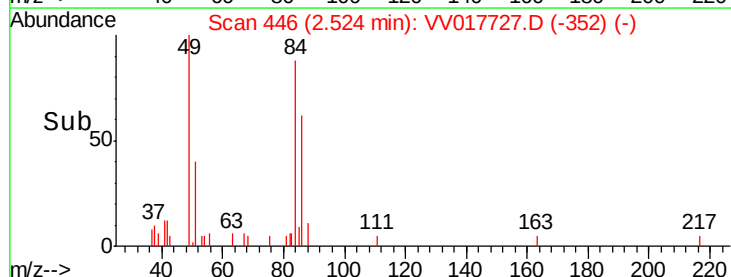
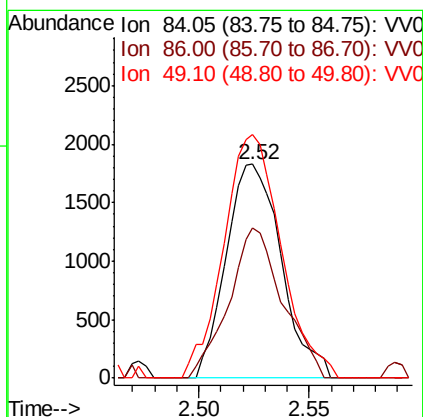
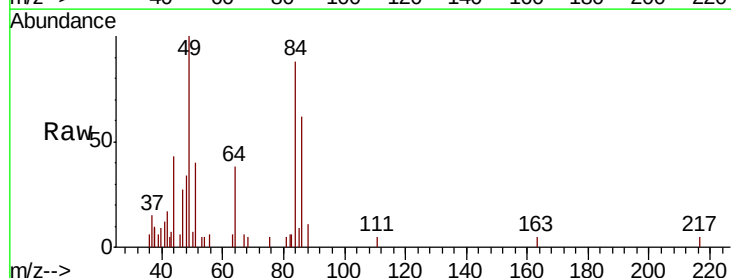
Tgt Ion: 84 Resp: 3181

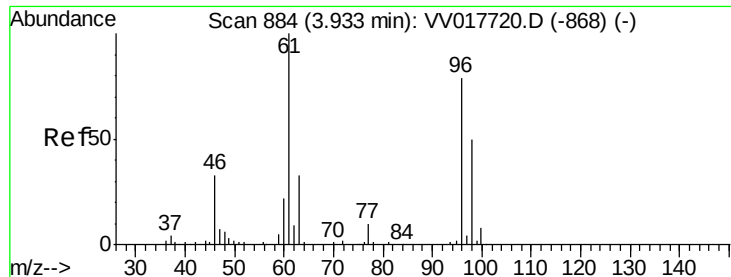
Ion Ratio Lower Upper

84 100

86 70.1 46.5 86.3

49 113.9 79.2 147.2



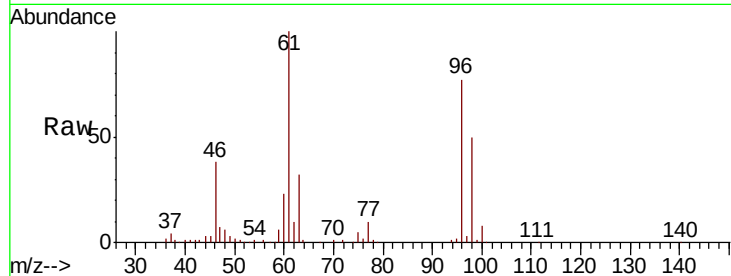


#22

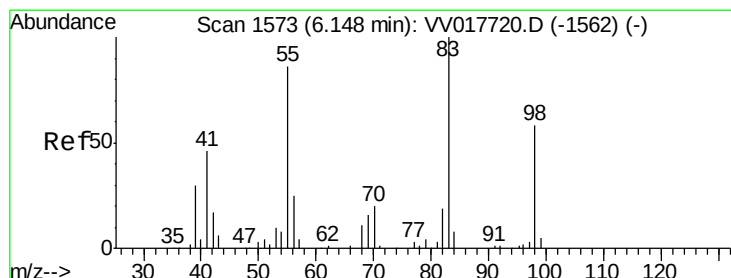
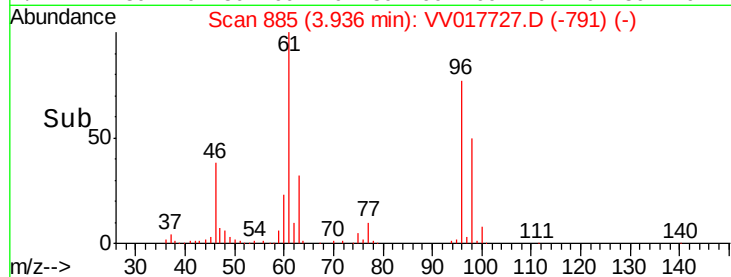
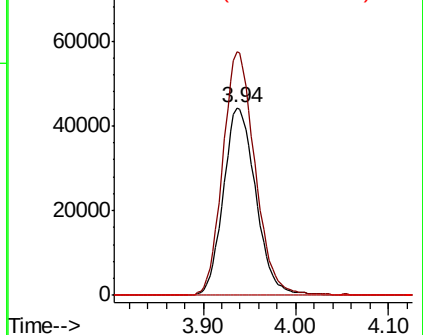
cis-1,2-Dichloroethene
 Concen: 8.845 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017727.D
 Acq: 29 Jul 2020 13:52

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 107361
 Ion Ratio Lower Upper
 96 100
 61 129.9 89.6 166.4
 68 0.0 0.0 0.0



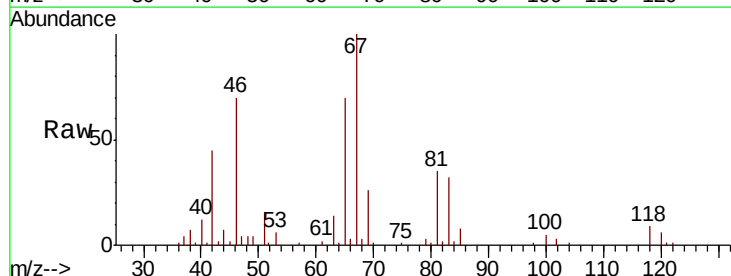
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



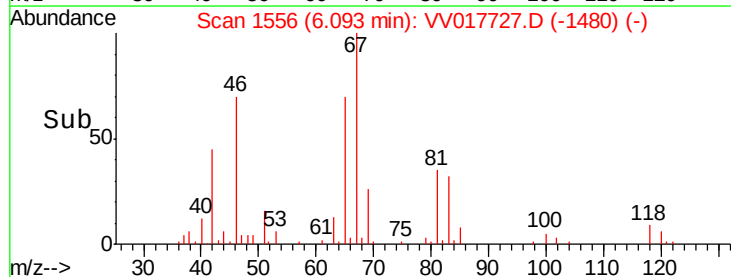
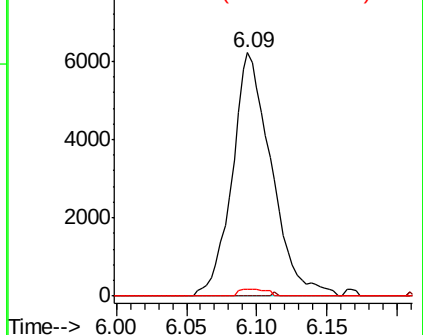
#35

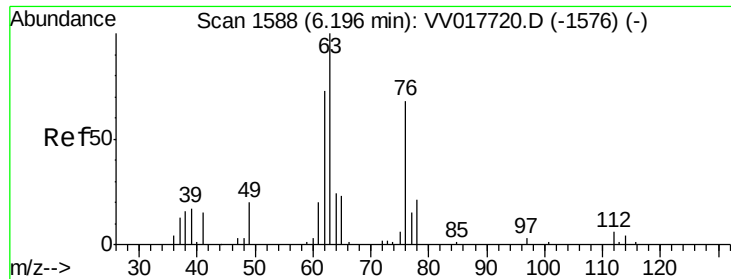
Methylcyclohexane
 Concen: 0.627 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: VV017727.D
 Acq: 29 Jul 2020 13:52

Tgt Ion: 83 Resp: 12086
 Ion Ratio Lower Upper
 83 100
 55 0.2 61.8 92.8#
 98 2.0 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: 0.491 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017727.D
 Acq: 29 Jul 2020 13:52

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 5267
 Ion Ratio Lower Upper
 63 100
 112 0.8 4.5 6.7#

