

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030220\
 Data File : VV014726.D
 Acq On : 02 Mar 2020 11:28
 Operator : SY/MD
 Sample : L1730-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 03 00:51:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 03 00:49:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	265636	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	253676	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	125358	5.00	ug/L	0.00

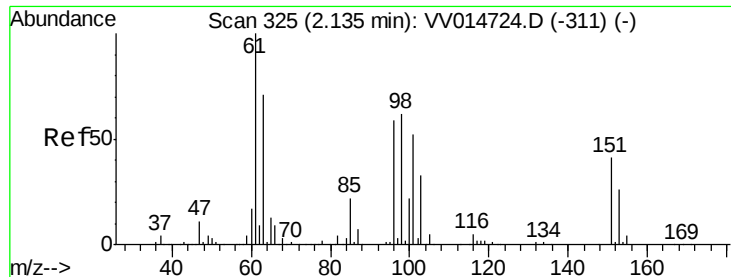
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96144	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.58	69	79426	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	124738	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.97	46	183460	42.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.36%
24) Chloroform-d	4.40	84	176559	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	92089	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.09	84	366584	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.11	67	115730	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.35	98	327281	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.66	79	43068	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.13	63	164748	45.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.52%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	79014	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	117170	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1259	0.072 ug/L #	20
16) Methylene chloride	2.53	84	4442	0.212 ug/L	98
35) Methylcyclohexane	6.11	83	27933	0.753 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	12714	0.598 ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	2031	0.085 ug/L	91
48) 2-Hexanone	8.14	43	26042	2.869 ug/L #	86

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.072 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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MSVOA_V

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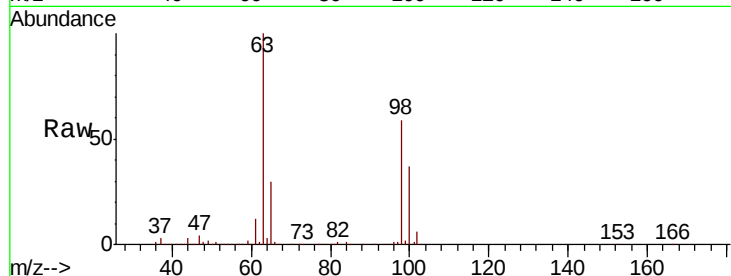
Tot Ion:101 Resp: 1259

Ion Ratio Lower Upper

101 100

85 5.6 35.3 52.9#

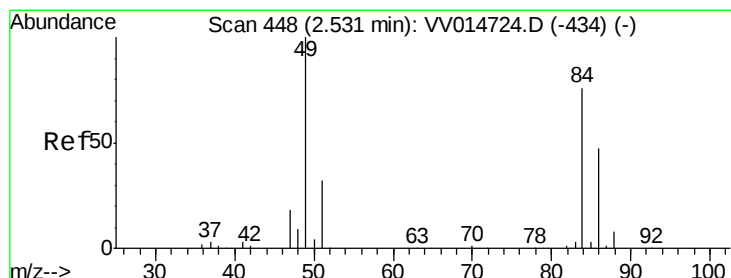
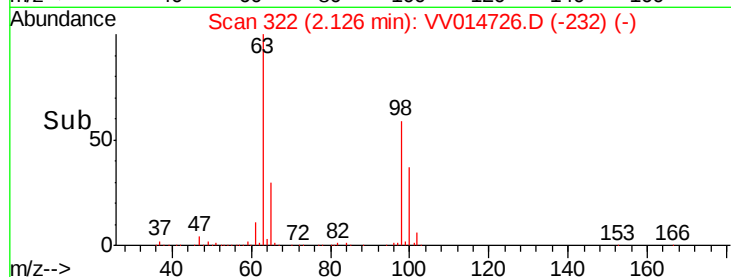
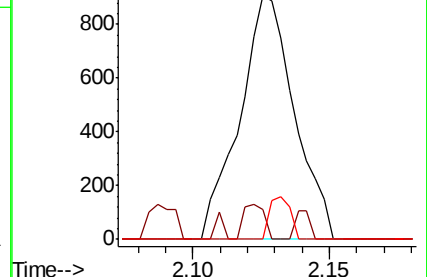
151 0.0 65.3 97.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.212 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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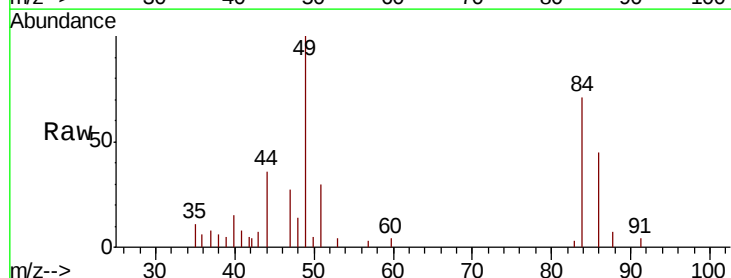
Tgt Ion: 84 Resp: 4442

Ion Ratio Lower Upper

84 100

86 63.8 44.9 83.5

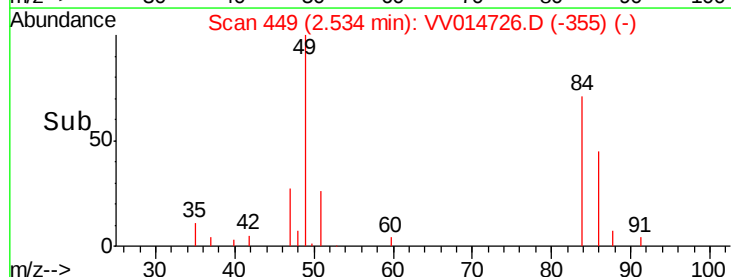
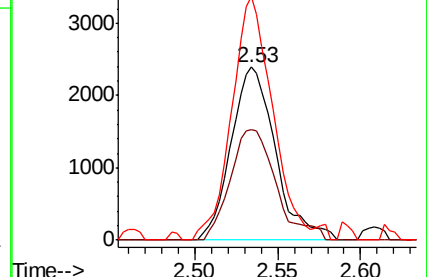
49 140.6 95.6 177.6

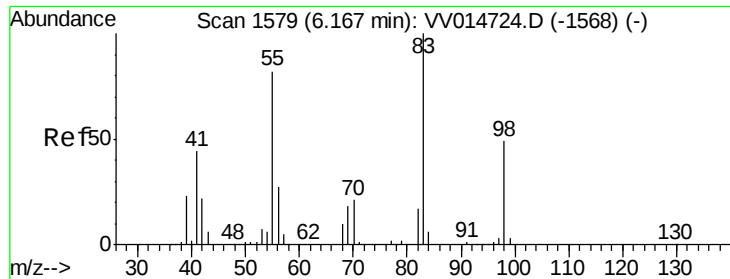


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

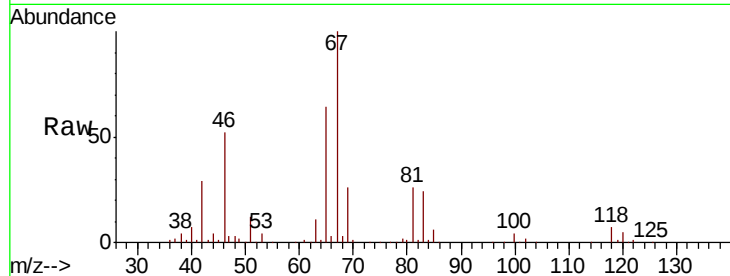




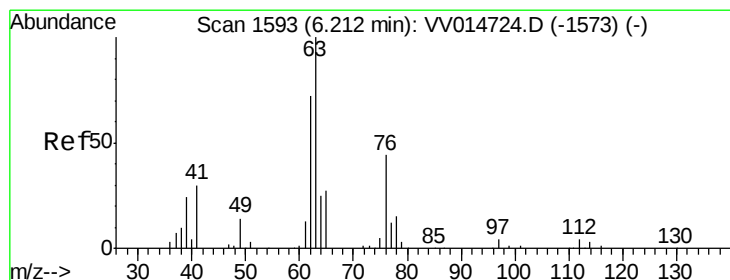
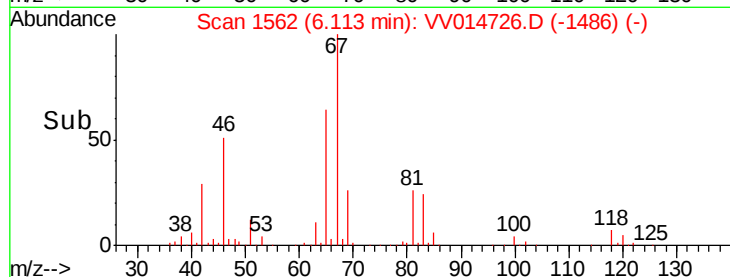
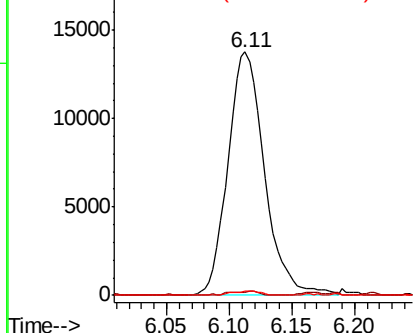
#35
Methvlcvclohexane
Concen: 0.753 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV014726.D
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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 27933
Ion Ratio Lower Upper
83 100
55 0.8 64.6 96.8#
98 1.4 37.8 56.8#

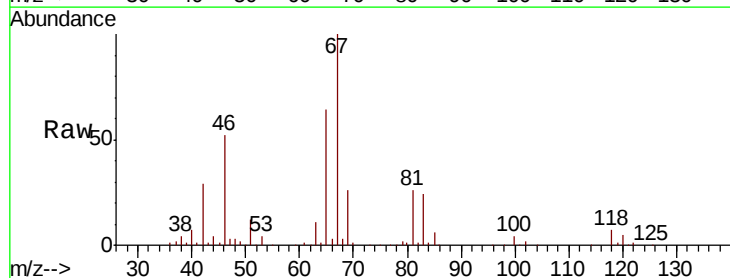


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

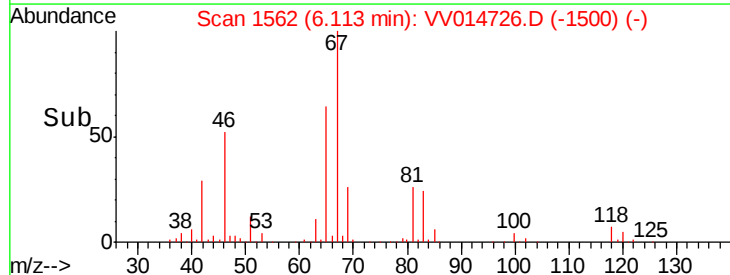
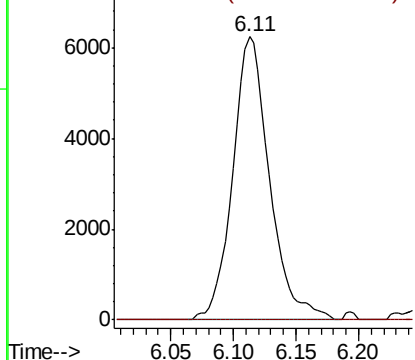


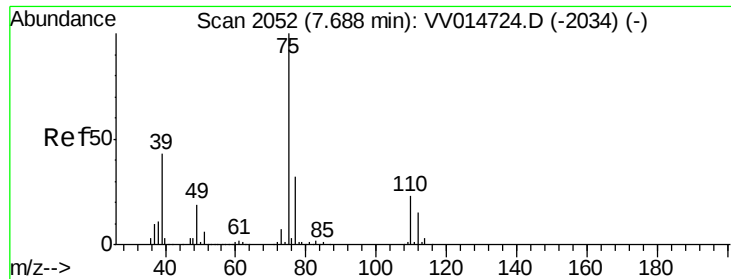
#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014726.D
Acq: 02 Mar 2020 11:28

Tgt Ion: 63 Resp: 12714
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014726.D

Acq: 02 Mar 2020 11:28

Instrument :

MSVOA_V

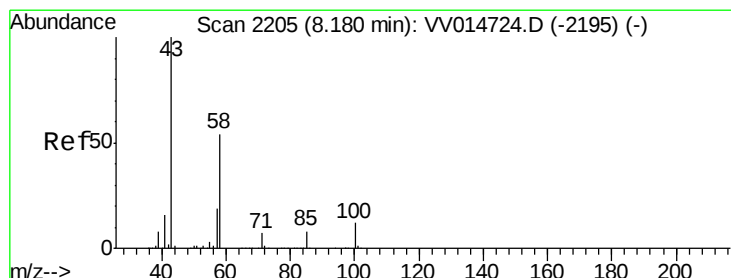
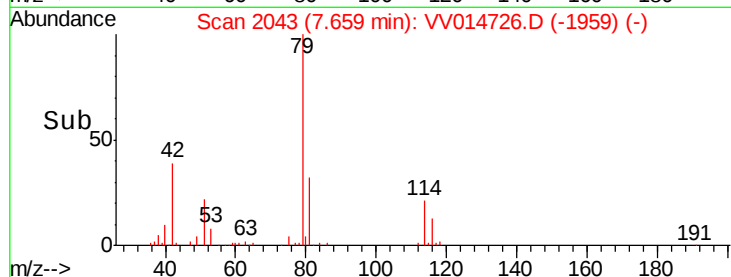
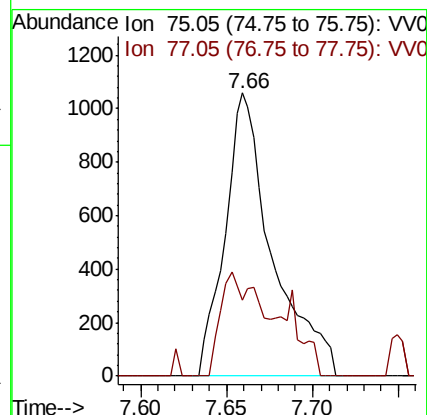
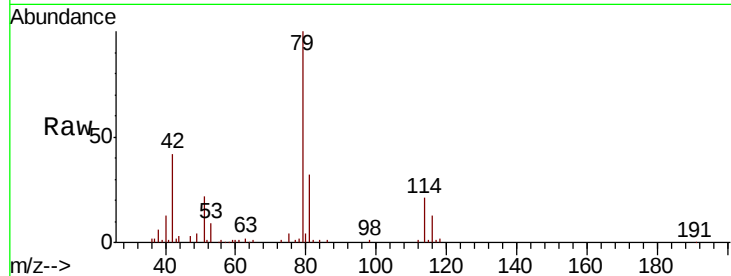
ClientSampleId :

Tot Ion: 75 Resp: 2031

Ion Ratio Lower Upper

75 100

77 27.0 22.5 41.9



#48

2-Hexanone

Concen: 2.869 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.04 min

Lab File: VV014726.D

Acq: 02 Mar 2020 11:28

Tgt Ion: 43 Resp: 26042

Ion Ratio Lower Upper

43 100

58 45.5 43.1 64.7

57 24.2 14.6 21.8#

100 0.1 9.0 13.4#

