

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\
 Data File : VV018390.D
 Acq On : 22 Sep 2020 13:06
 Operator : SY/MD
 Sample : L4090-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWZ4

Quant Time: Sep 23 05:57:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 05:49:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	239618	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	240135	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114648	50.00	ug/L	0.00

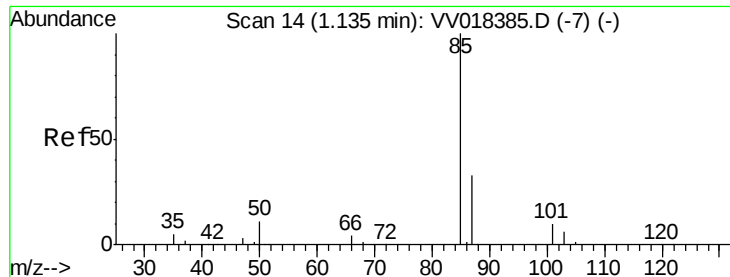
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98766	50.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.16%
7) Chloroethane-d5	1.58	69	85094	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.50%
11) 1,1-Dichloroethene-d2	2.12	63	150670	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.12%
21) 2-Butanone-d5	3.92	46	131964	110.41	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.41%
24) Chloroform-d	4.38	84	195709	57.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.52%
26) 1,2-Dichloroethane-d4	5.06	65	129224	59.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.00%
32) Benzene-d6	5.08	84	394644	57.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.82%
36) 1,2-Dichloropropane-d6	6.09	67	127707	58.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.94%
41) Toluene-d8	7.34	98	359092	57.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.64%
43) trans-1,3-Dichloropropene-	7.64	79	61611	55.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.02%
47) 2-Hexanone-d5	8.11	63	85766	103.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	148741	54.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	150507	63.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.84%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	27191	15.562	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1274	0.788	ug/L # 19
34) Trichloroethene	5.94	95	17800	9.517	ug/L 96
37) 1,2-Dichloropropane	6.09	63	13708	7.535	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	3621	1.292	ug/L # 71
48) 2-Hexanone	8.16	43	4175	2.399	ug/L # 39
59) 1,2,3-Trichloropropane	11.27	75	13000	6.075	ug/L 93

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



#2

Dichlorodifluoromethane

Concen: 15.562 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

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MSVOA_V

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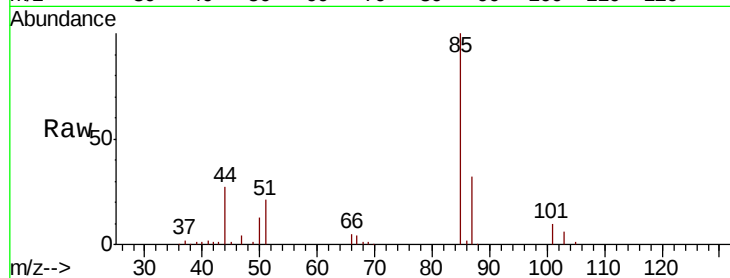
BFWZ4

Tot Ion: 85 Resp: 27191

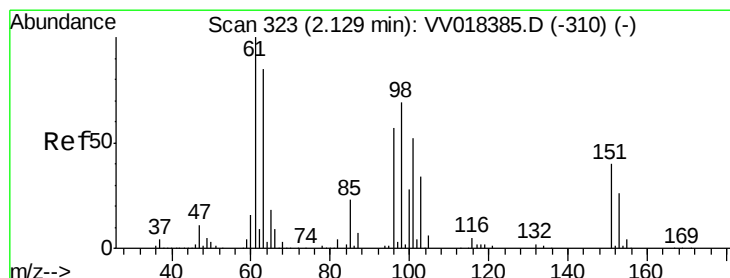
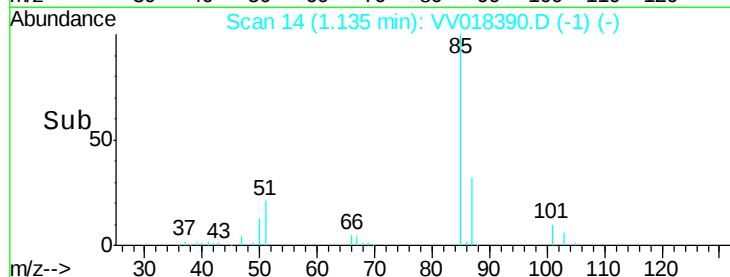
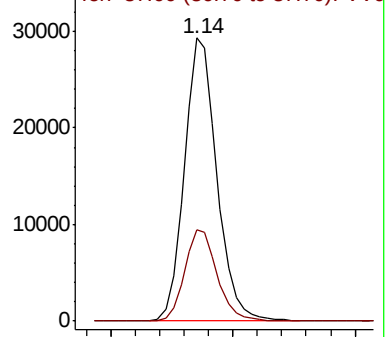
Ion Ratio Lower Upper

85 100

87 32.1 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV018390.D (-1) (-)



#10

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

Concen: 0.788 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018390.D

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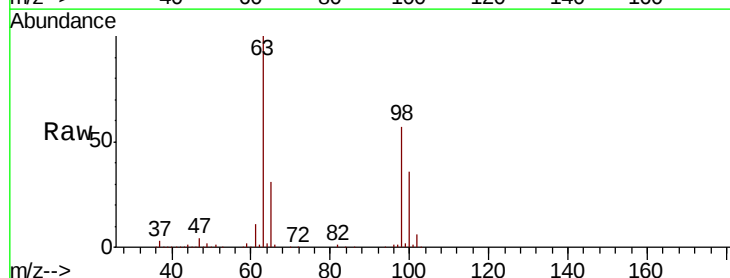
Tgt Ion: 101 Resp: 1274

Ion Ratio Lower Upper

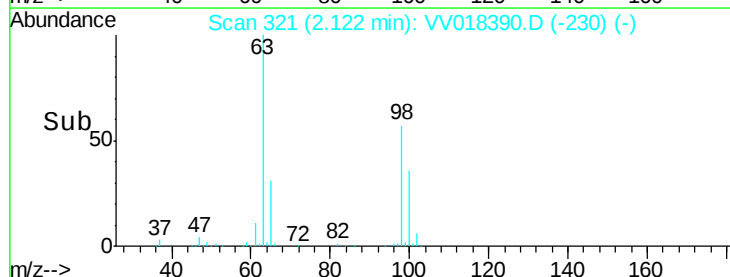
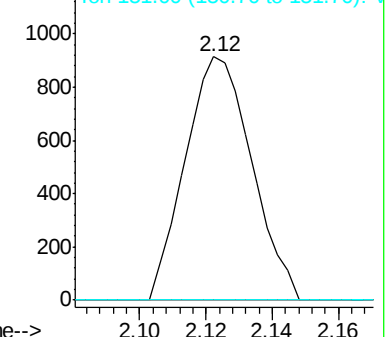
101 100

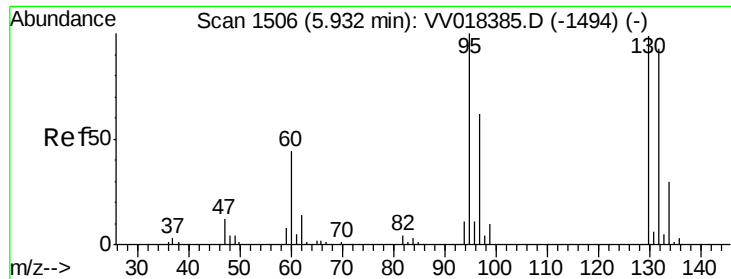
85 0.0 33.5 50.3#

151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): VV018390.D (-230) (-)

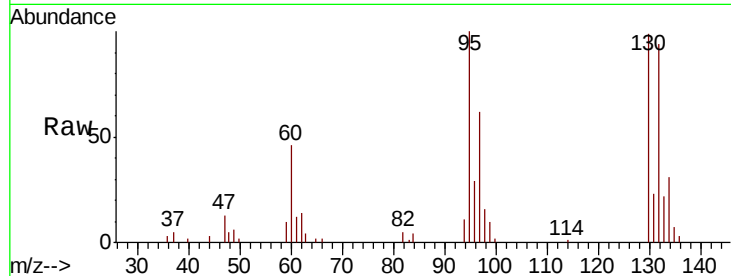




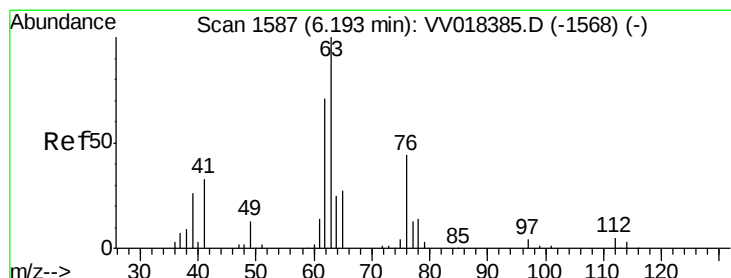
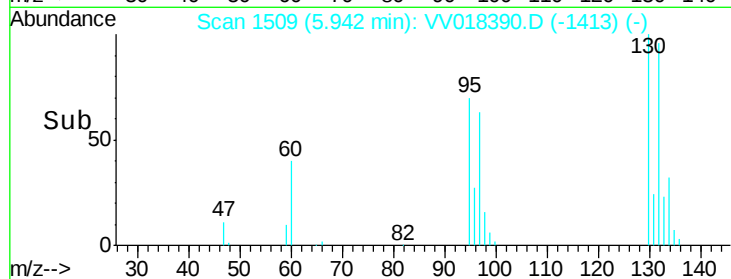
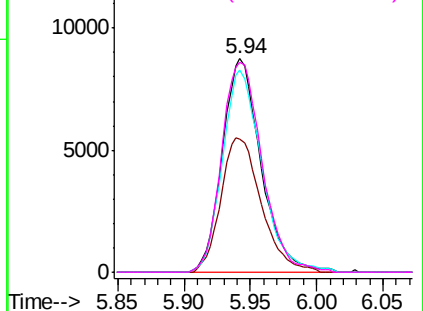
#34
 Trichloroethene
 Concen: 9.517 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018390.D
 Acq: 22 Sep 2020 13:06

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 MSVOA_V
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 BFWZ4

Tot Ion: 95 Resp: 17800
 Ion Ratio Lower Upper
 95 100
 97 62.4 46.3 85.9
 132 94.5 68.1 126.5
 130 98.6 71.5 132.9

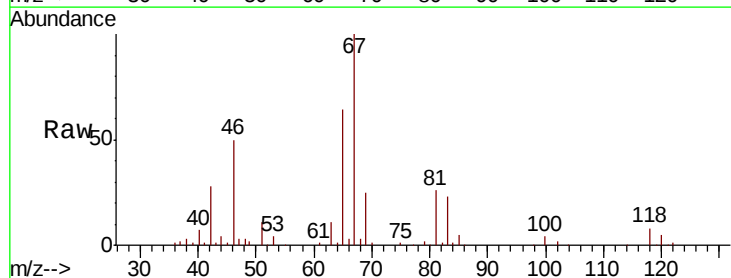


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

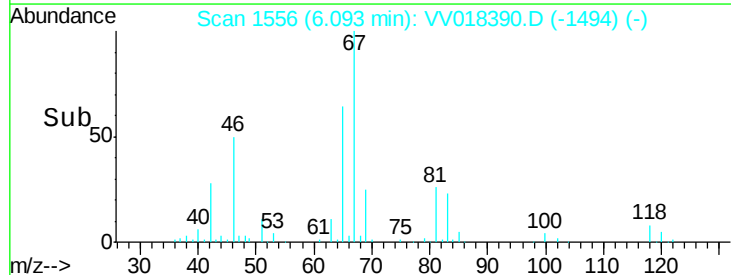
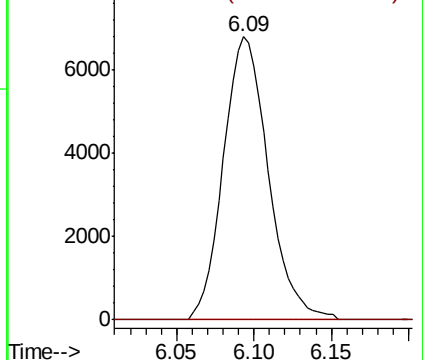


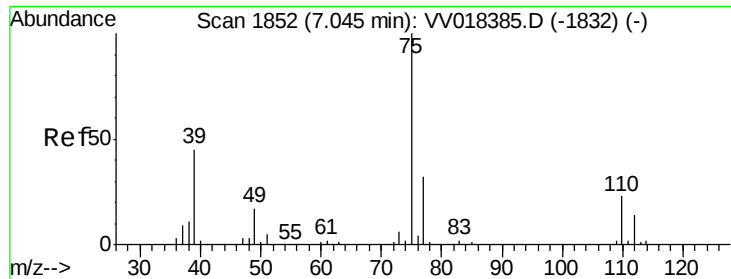
#37
 1,2-Dichloropropane
 Concen: 7.535 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018390.D
 Acq: 22 Sep 2020 13:06

Tgt Ion: 63 Resp: 13708
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 112.00 (111.70 to 112.70): VV0

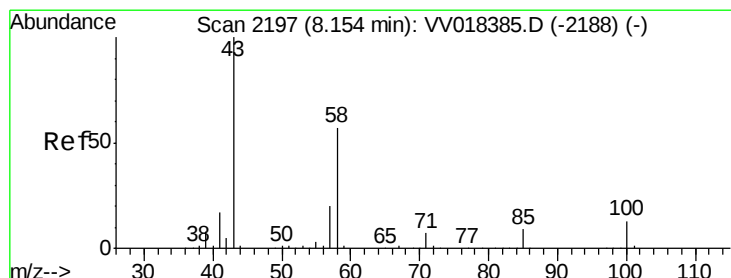
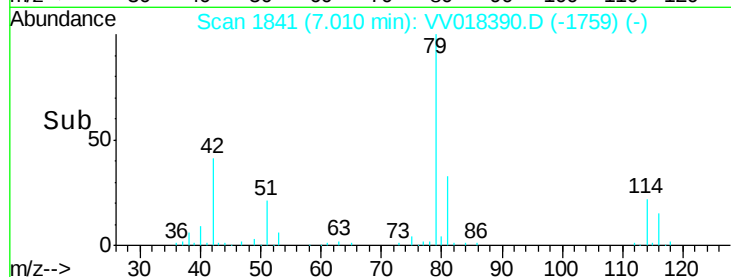
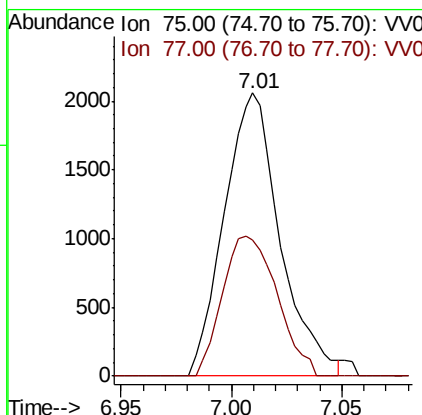
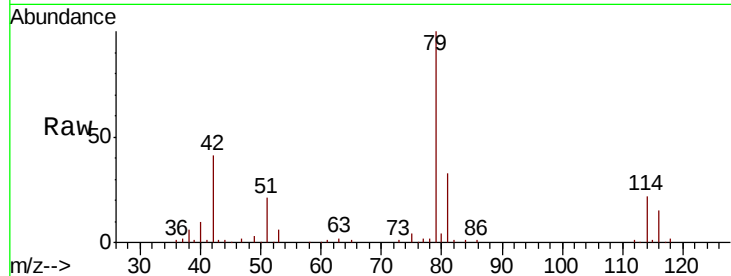




#39
 cis-1,3-Dichloropropene
 Concen: 1.292 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018390.D
 Acq: 22 Sep 2020 13:06

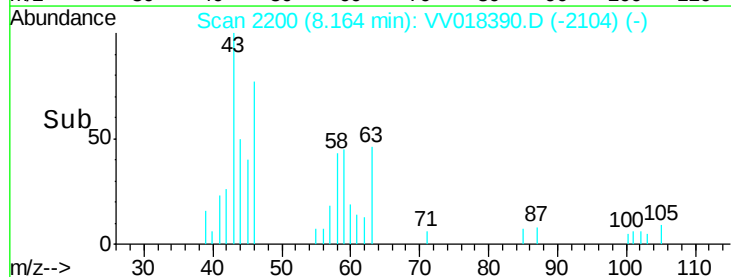
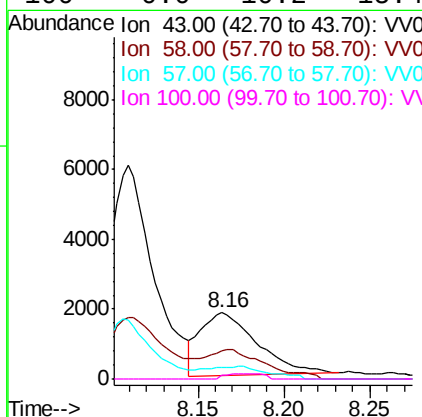
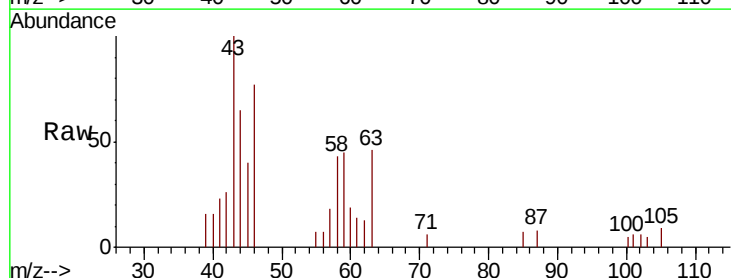
Instrument :
 MSVOA_V
 ClientSampled :
 BFWZ4

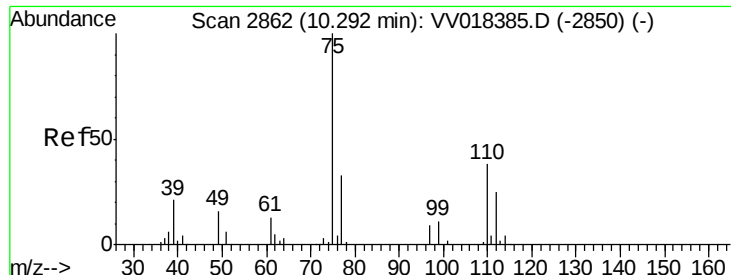
Tot Ion: 75 Resp: 3621
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.3 41.3#



#48
 2-Hexanone
 Concen: 2.399 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018390.D
 Acq: 22 Sep 2020 13:06

Tgt Ion: 43 Resp: 4175
 Ion Ratio Lower Upper
 43 100
 58 0.0 44.8 67.2#
 57 4.4 15.8 23.6#
 100 0.0 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.075 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018390.D

Acq: 22 Sep 2020 13:06

Instrument :

MSVOA_V

ClientSampleId :

BFWZ4

Tot Ion: 75 Resp: 13000

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.6

