

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029884.D
 Acq On : 16 Jan 2023 18:23
 Operator : SY/MD
 Sample : 01136-14 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

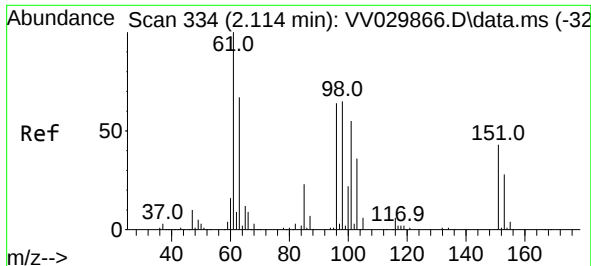
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJC7

Quant Time: Jan 17 00:39:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	203013	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	194129	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	106910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59087	3.837	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.565	69	59237	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.105	63	86998	3.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.889	46	166623	61.051	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.100%
24) Chloroform-d	4.339	84	142698	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.024	65	63032	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.040	84	303927	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.063	67	94749	5.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.400%
41) Toluene-d8	7.307	98	258841	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.613	79	29053	4.720	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.085	63	150070	59.889	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.780%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	75573	6.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.400%#
66) 1,2-Dichlorobenzene-d4	11.612	152	104542	5.379	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	2677	0.154	ug/L #	1
14) Carbon disulfide	2.294	76	2922	0.059	ug/L #	93
16) Methylene chloride	2.503	84	11287	0.524	ug/L	88
19) 1,1-Dichloroethane	3.185	63	10607	0.393	ug/L	93
22) cis-1,2-Dichloroethene	3.899	96	2627	0.153	ug/L	93
25) Chloroform	4.368	83	6636	0.226	ug/L	98
34) Trichloroethene	5.908	95	8411	0.517	ug/L	95
47) Tetrachloroethene	7.966	164	950	0.069	ug/L #	75

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



#12

1,1-Dichloroethene

Concen: 0.154 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV029884.D

Acq: 16 Jan 2023 18:23

Instrument :

MSVOA_V

ClientSampleId :

BGJC7

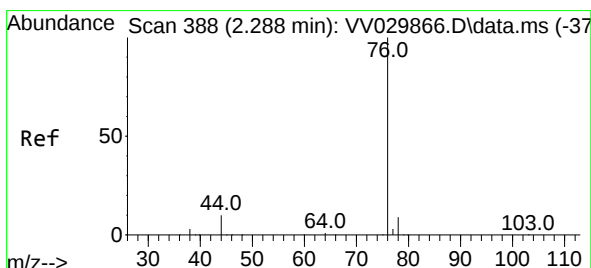
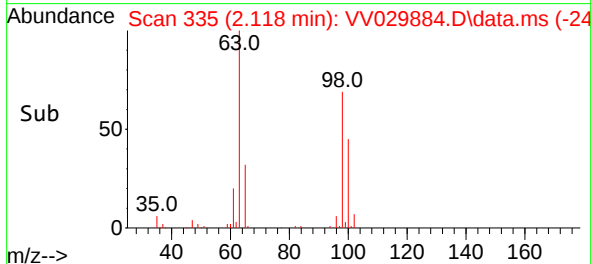
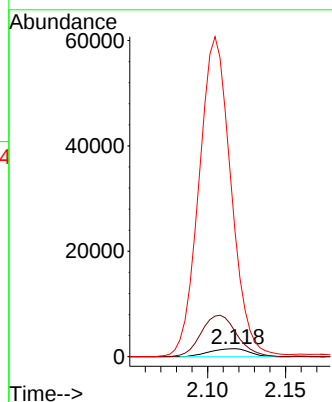
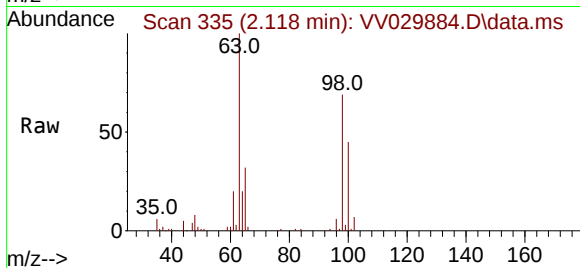
Tgt Ion: 96 Resp: 2677

Ion Ratio Lower Upper

96 100

61 312.5 106.1 197.1#

63 1556.3 76.4 141.8#



#14

Carbon disulfide

Concen: 0.059 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.010 min

Lab File: VV029884.D

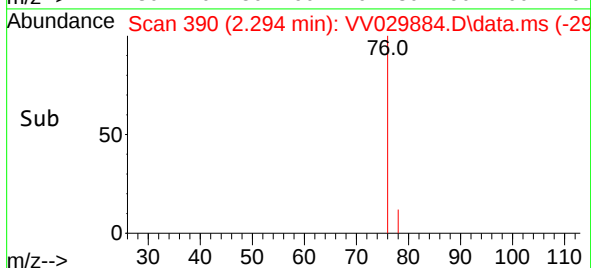
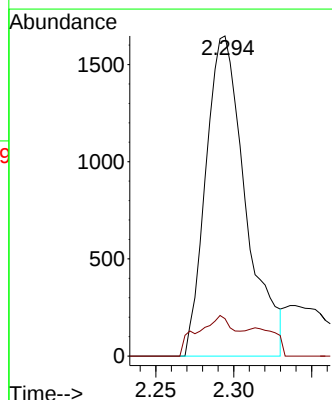
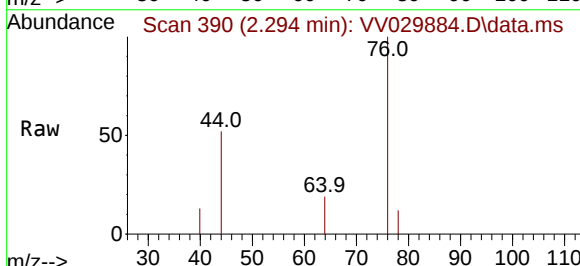
Acq: 16 Jan 2023 18:23

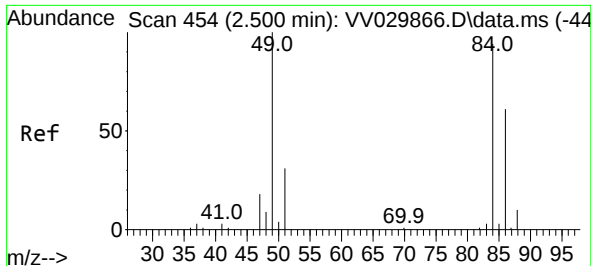
Tgt Ion: 76 Resp: 2922

Ion Ratio Lower Upper

76 100

78 11.7 7.4 11.0#

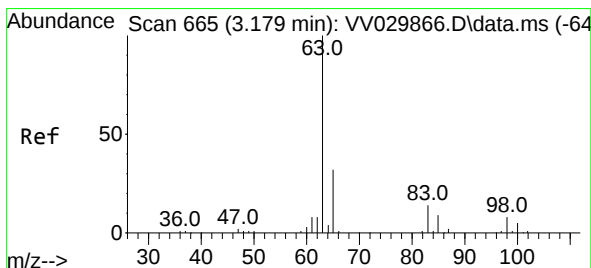
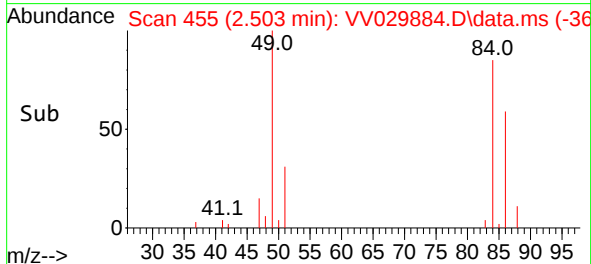
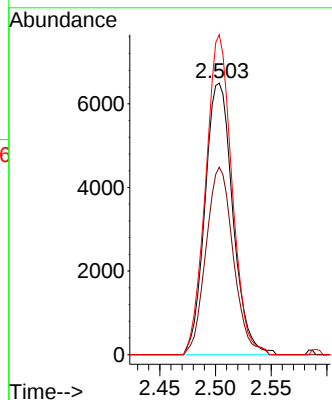
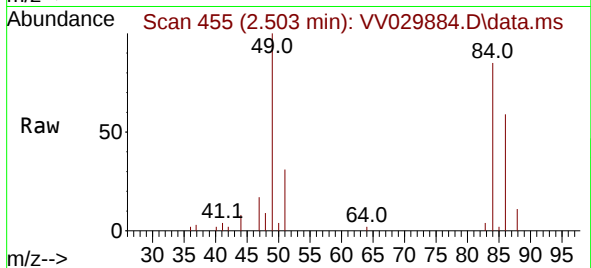




#16
Methylene chloride
Concen: 0.524 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029884.D
Acq: 16 Jan 2023 18:23

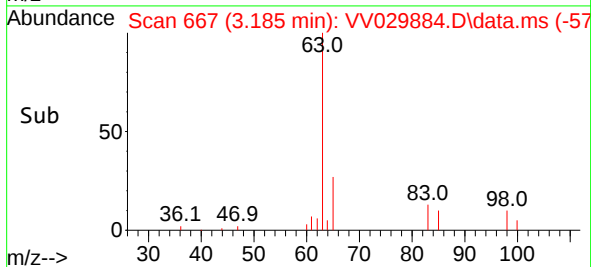
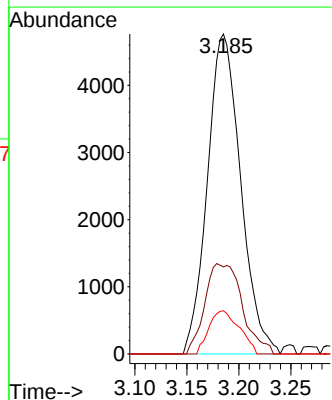
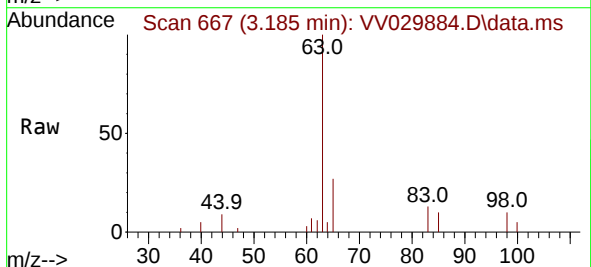
Instrument :
MSVOA_V
ClientSampleId :
BGJC7

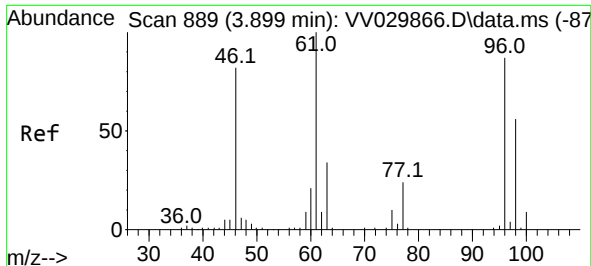
Tgt Ion: 84 Resp: 11287
Ion Ratio Lower Upper
84 100
86 69.0 45.0 83.6
49 117.8 71.5 132.7



#19
1,1-Dichloroethane
Concen: 0.393 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.006 min
Lab File: VV029884.D
Acq: 16 Jan 2023 18:23

Tgt Ion: 63 Resp: 10607
Ion Ratio Lower Upper
63 100
65 27.2 22.4 41.6
83 13.5 10.2 19.0

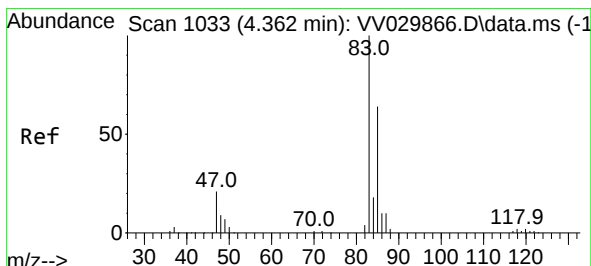
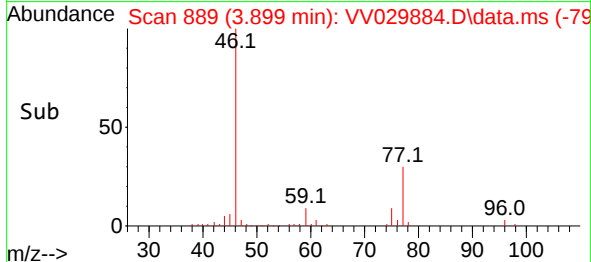
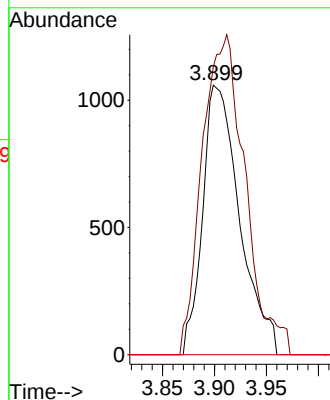
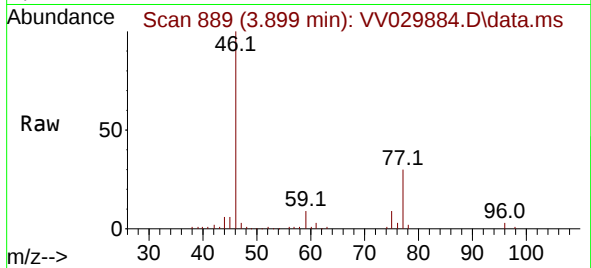




#22
 cis-1,2-Dichloroethene
 Concen: 0.153 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. 0.000 min
 Lab File: VV029884.D
 Acq: 16 Jan 2023 18:23

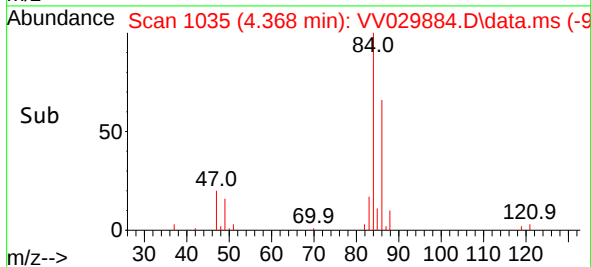
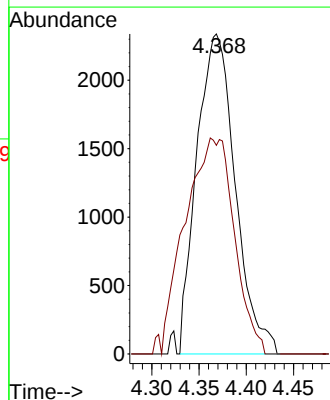
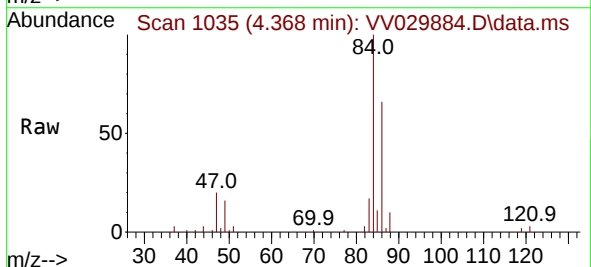
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJC7

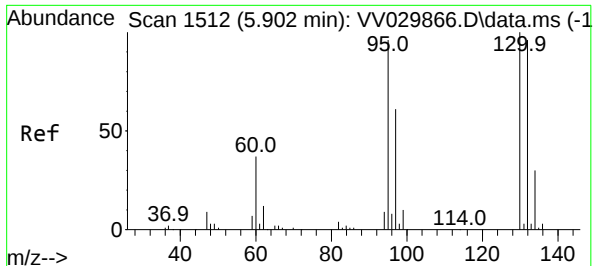
Tgt Ion:	96	Resp:	2627
Ion	Ratio	Lower	Upper
96	100		
61	106.8	80.0	148.6
68	0.0	0.0	0.0



#25
 Chloroform
 Concen: 0.226 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. 0.006 min
 Lab File: VV029884.D
 Acq: 16 Jan 2023 18:23

Tgt Ion:	83	Resp:	6636
Ion	Ratio	Lower	Upper
83	100		
85	65.2	46.5	86.5





#34

Trichloroethene

Concen: 0.517 ug/L

RT: 5.908 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029884.D

Acq: 16 Jan 2023 18:23

Instrument :

MSVOA_V

ClientSampleId :

BGJC7

Tgt Ion: 95 Resp: 8411

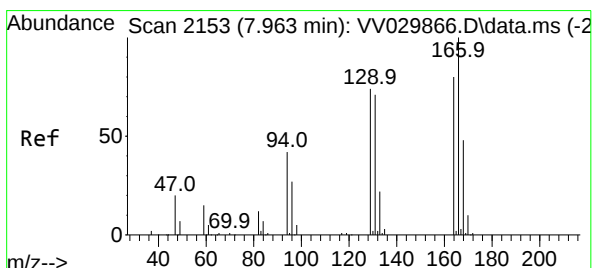
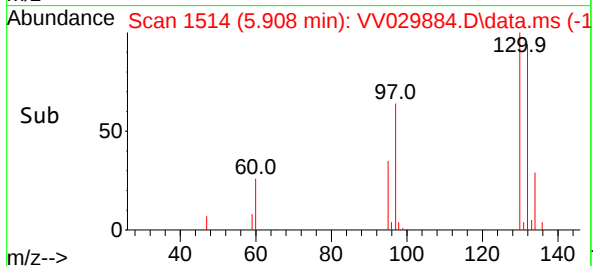
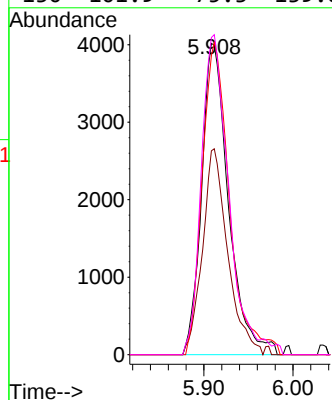
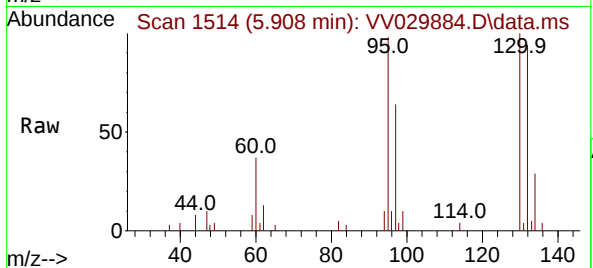
Ion Ratio Lower Upper

95 100

97 65.5 44.9 83.3

132 96.1 71.8 133.4

130 101.9 75.3 139.8



#47

Tetrachloroethene

Concen: 0.069 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VV029884.D

Acq: 16 Jan 2023 18:23

Tgt Ion: 164 Resp: 950

Ion Ratio Lower Upper

164 100

129 53.1 64.5 119.7#

131 81.7 62.9 116.7

166 101.2 90.7 168.5

