

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023498.D
 Acq On : 15 Nov 2021 21:33
 Operator : SY/MD
 Sample : M4617-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXR5

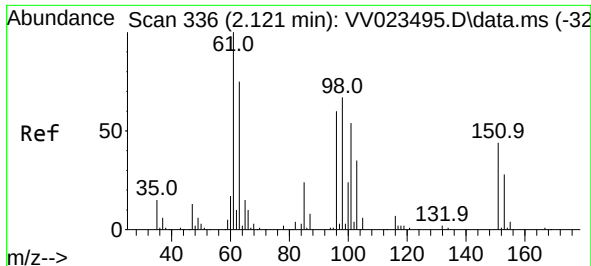
Quant Time: Nov 16 05:15:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126498	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54985	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40520	5.113	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.200%	
7) Chloroethane-d5	1.568	69	33969	5.259	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.200%	
11) 1,1-Dichloroethene-d2	2.108	63	57180	3.854	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.000%	
20) 2-Butanone-d5	3.905	46	54453	39.884	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.760%	
24) Chloroform-d	4.349	84	78067	4.622	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	5.030	65	37811	4.979	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	5.050	84	153878	4.806	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.069	67	45320	4.809	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.200%	
41) Toluene-d8	7.317	98	131656	4.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	7.625	79	16025	4.484	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.091	63	43244	32.888	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	65.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24818	3.662	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	73.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	50097	5.472	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.105	96	589	0.078	ug/L #	1
34) Trichloroethene	5.924	95	778	0.084	ug/L	80
35) Methylcyclohexane	6.066	83	11290	0.771	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	5377	0.660	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1380	0.118	ug/L #	77
48) 2-Hexanone	8.146	43	11514	4.351	ug/L #	94
61) 1,2,3-Trichloropropane	11.249	75	5975	1.636	ug/L #	64

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

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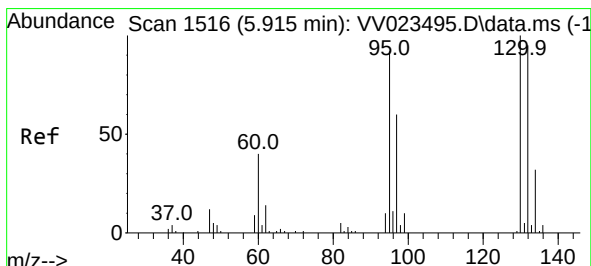
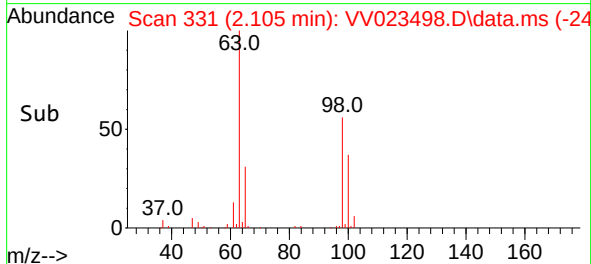
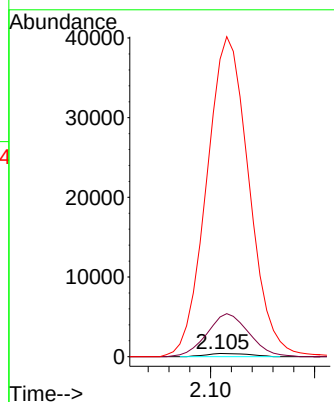
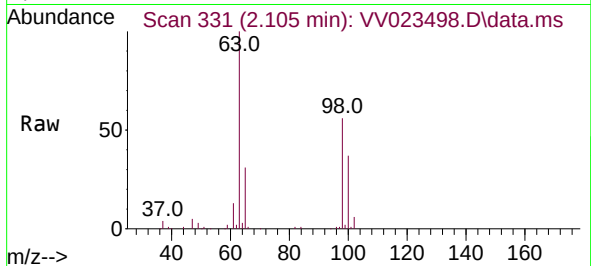




#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.105 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV023498.D
Acq: 15 Nov 2021 21:33

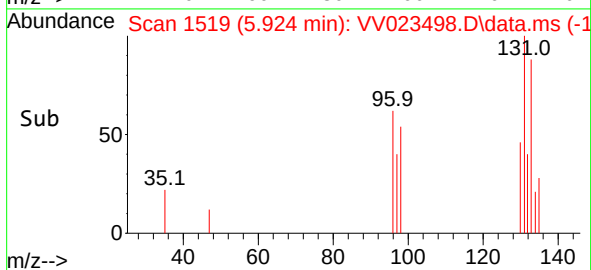
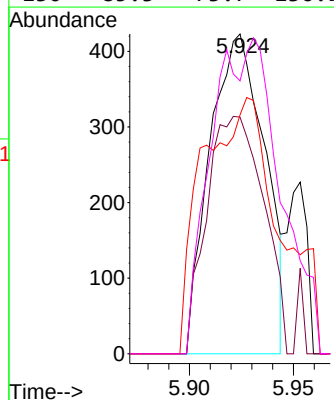
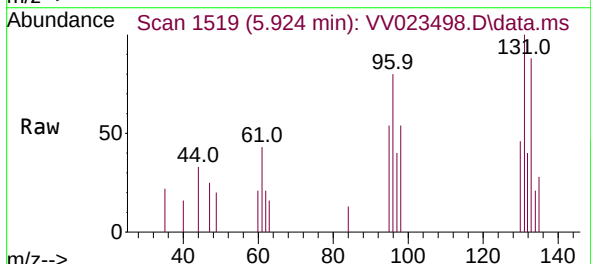
Instrument :
MSVOA_V
ClientSampleId :
BFXR5

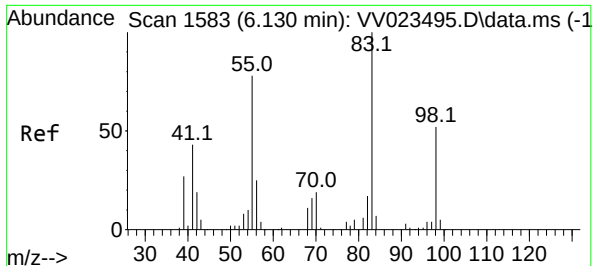
Tgt Ion: 96 Resp: 589
Ion Ratio Lower Upper
96 100
61 1226.0 121.5 225.7#
63 9171.5 99.6 185.0#



#34
Trichloroethene
Concen: 0.084 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.009 min
Lab File: VV023498.D
Acq: 15 Nov 2021 21:33

Tgt Ion: 95 Resp: 778
Ion Ratio Lower Upper
95 100
97 74.0 45.0 83.6
132 74.7 69.7 129.4
130 85.3 73.7 136.9





#35

Methylcyclohexane

Concen: 0.771 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV023498.D

Acq: 15 Nov 2021 21:33

Instrument :

MSVOA_V

ClientSampleId :

BFXR5

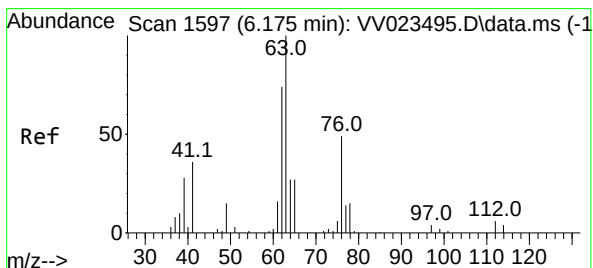
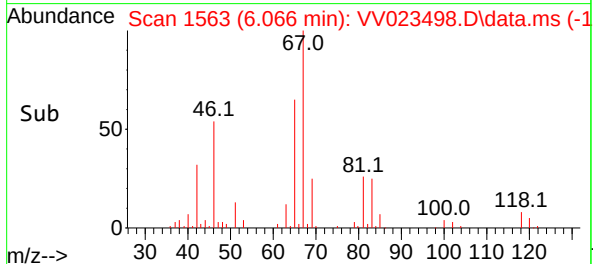
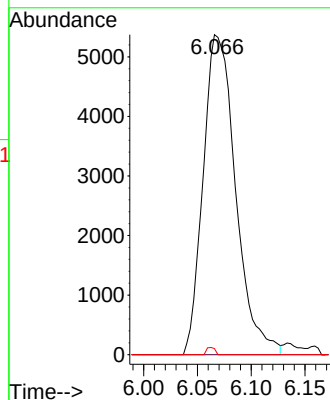
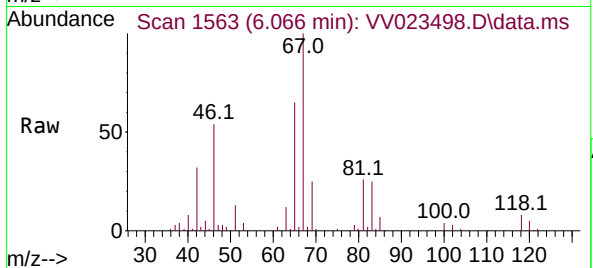
Tgt Ion: 83 Resp: 11290

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.6 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.660 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.109 min

Lab File: VV023498.D

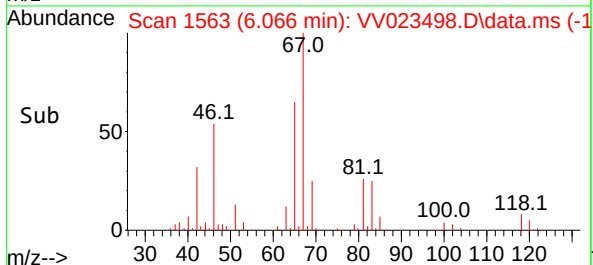
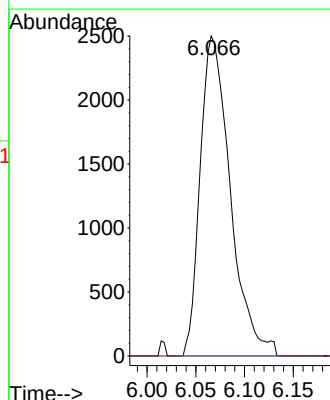
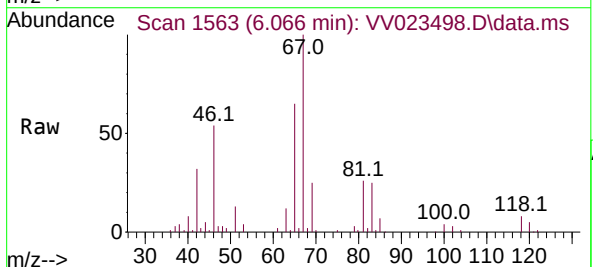
Acq: 15 Nov 2021 21:33

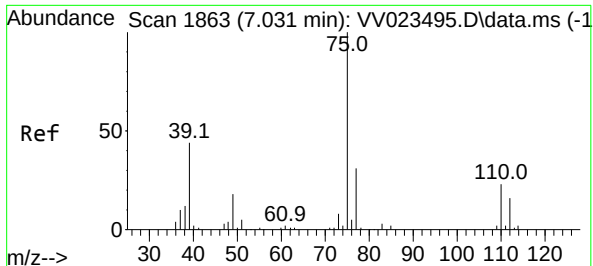
Tgt Ion: 63 Resp: 5377

Ion Ratio Lower Upper

63 100

112 0.7 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023498.D

Acq: 15 Nov 2021 21:33

Instrument :

MSVOA_V

ClientSampleId :

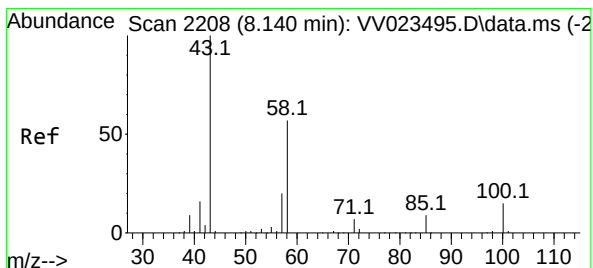
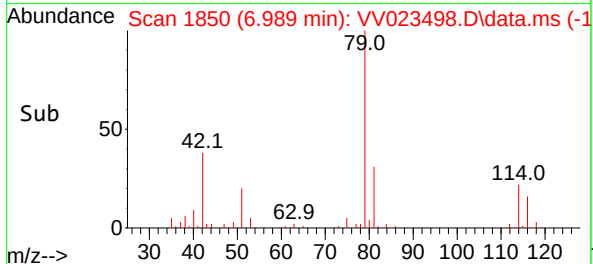
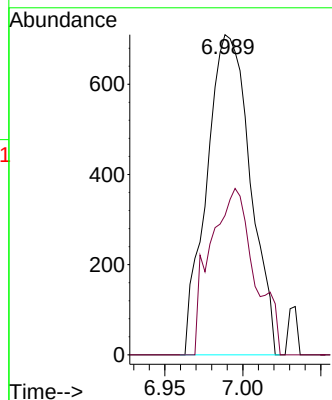
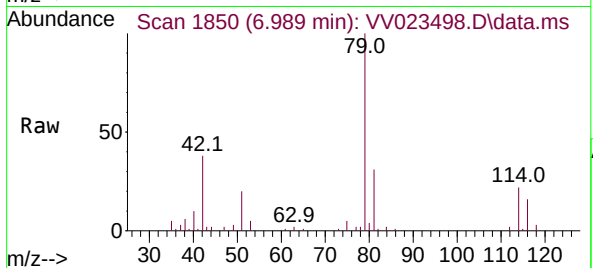
BFXR5

Tgt Ion: 75 Resp: 1380

Ion Ratio Lower Upper

75 100

77 43.5 21.6 40.2#



#48

2-Hexanone

Concen: 4.351 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV023498.D

Acq: 15 Nov 2021 21:33

Tgt Ion: 43 Resp: 11514

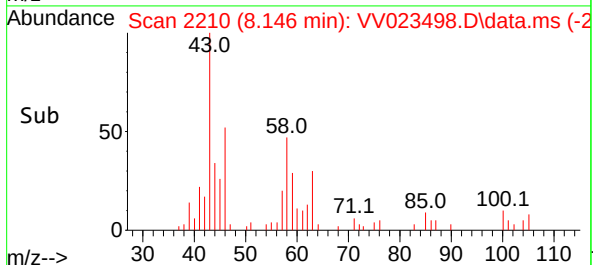
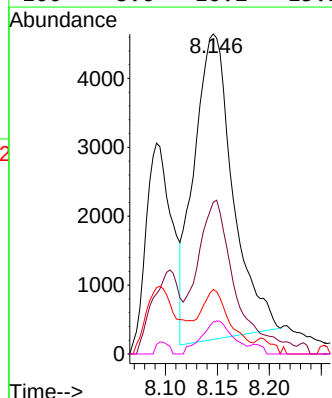
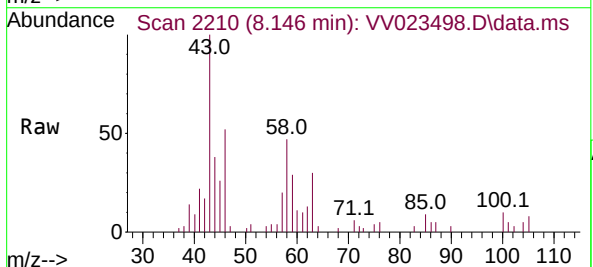
Ion Ratio Lower Upper

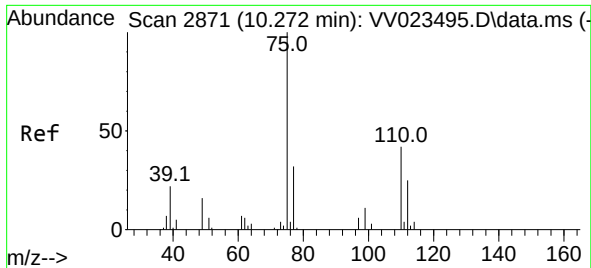
43 100

58 49.9 43.7 65.5

57 16.1 14.1 21.1

100 8.6 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.636 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV023498.D
 Acq: 15 Nov 2021 21:33

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXR5

Tgt Ion: 75	Resp:	5975
Ion Ratio	Lower	Upper
75	100	
77	35.1	26.6 39.8
110	0.8	31.8 47.6#

