

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030450.D
 Acq On : 07 Apr 2023 18:10
 Operator : SY/MD
 Sample : 02225-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC2

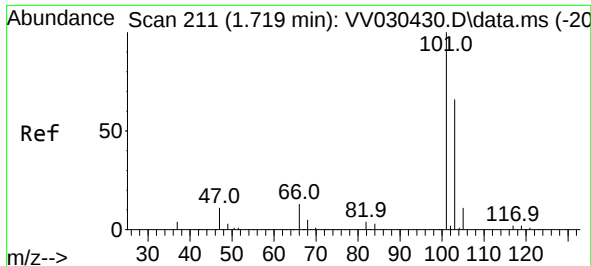
Quant Time: Apr 10 03:59:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124701	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	120969	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	33381	4.042	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.536	69	37285	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.073	63	774412	39.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	790.200%#
20) 2-Butanone-d5	3.822	46	91850	43.027	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.060%
24) Chloroform-d	4.259	84	94816	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.953	65	48156	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	4.970	84	171187	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	5.998	67	52318	4.902	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.252	98	142655	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.561	79	16978	4.225	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.037	63	71784	44.459	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.920%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37659	4.477	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	55556	5.280	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
9) Trichlorofluoromethane	1.719	101	4351	0.205	ug/L	99
12) 1,1-Dichloroethene	2.076	96	1210956	116.222	ug/L #	69
13) Acetone	2.147	43	3253	1.594	ug/L	81
19) 1,1-Dichloroethane	3.121	63	367985	17.293	ug/L	98
27) 1,2-Dichloroethane	5.066	62	2615	0.201	ug/L #	73
29) 1,1,1-Trichloroethane	4.523	97	5157952	265.283	ug/L	99
34) Trichloroethene	5.844	95	14525	1.253	ug/L	97
47) Tetrachloroethene	7.918	164	1401	0.137	ug/L	88

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

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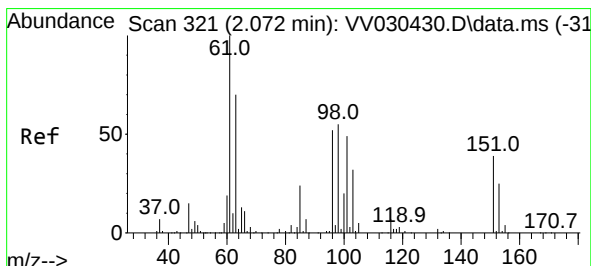
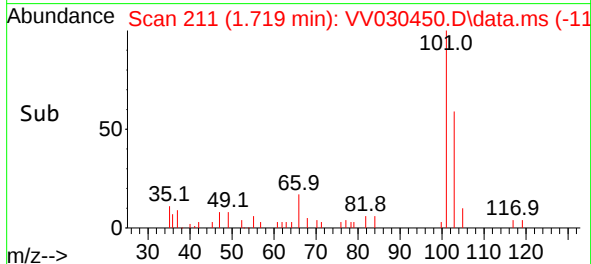
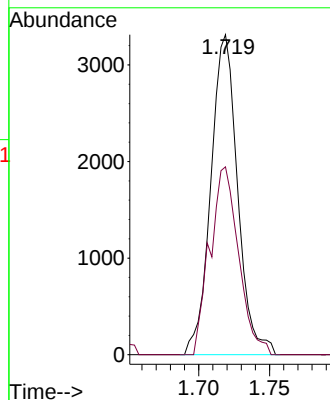
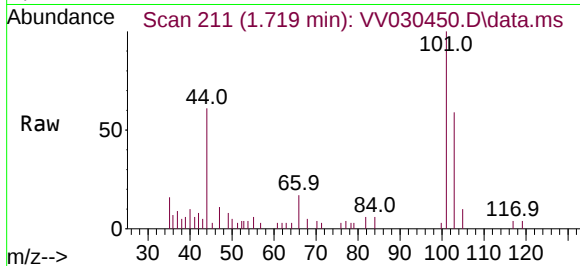




#9
 Trichlorofluoromethane
 Concen: 0.205 ug/L
 RT: 1.719 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VV030450.D
 Acq: 07 Apr 2023 18:10

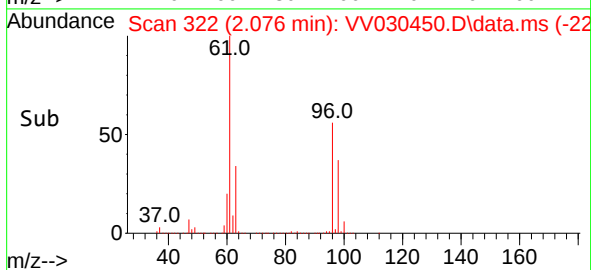
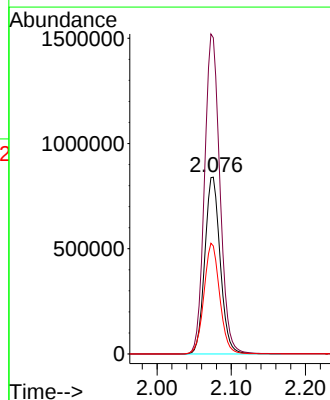
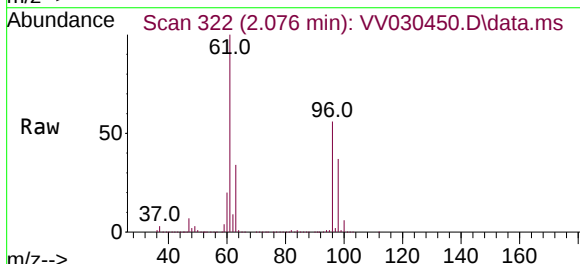
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC2

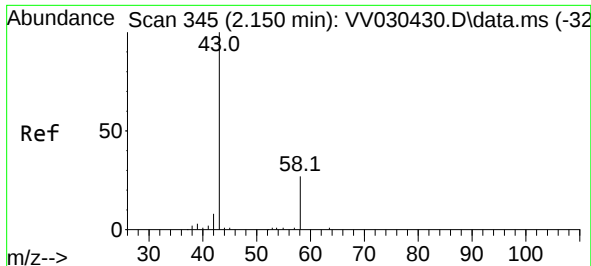
Tgt Ion:101 Resp: 4351
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.0 76.6



#12
 1,1-Dichloroethene
 Concen: 116.222 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VV030450.D
 Acq: 07 Apr 2023 18:10

Tgt Ion: 96 Resp: 1210956
 Ion Ratio Lower Upper
 96 100
 61 178.9 136.3 253.1
 63 61.1 92.1 171.1#





#13

Acetone

Concen: 1.594 ug/L

RT: 2.147 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV030450.D

Acq: 07 Apr 2023 18:10

Instrument :

MSVOA_V

ClientSampleId :

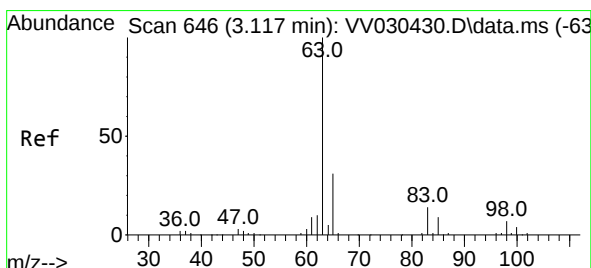
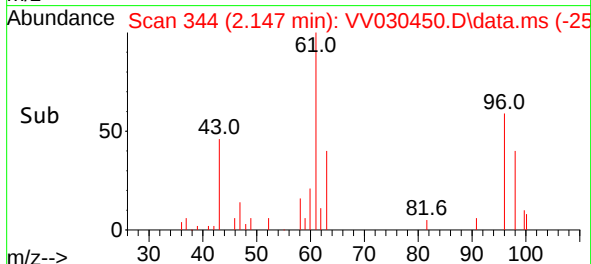
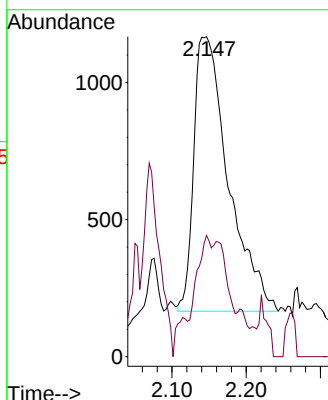
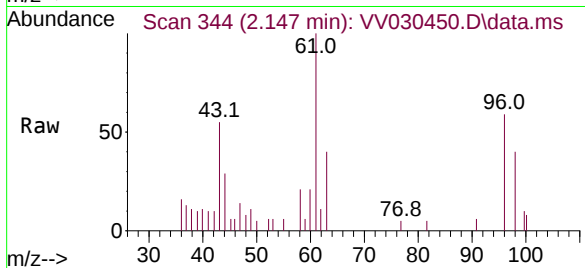
C0AC2

Tgt Ion: 43 Resp: 3253

Ion Ratio Lower Upper

43 100

58 11.7 0.0 40.8



#19

1,1-Dichloroethane

Concen: 17.293 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030450.D

Acq: 07 Apr 2023 18:10

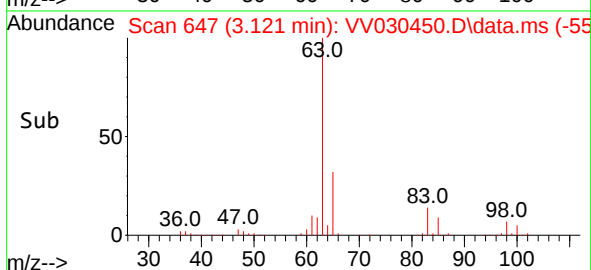
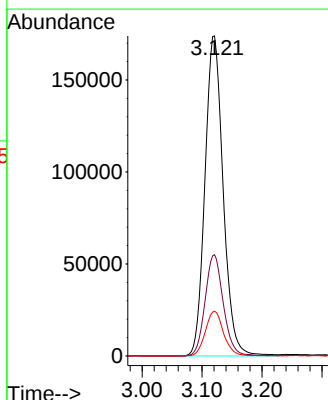
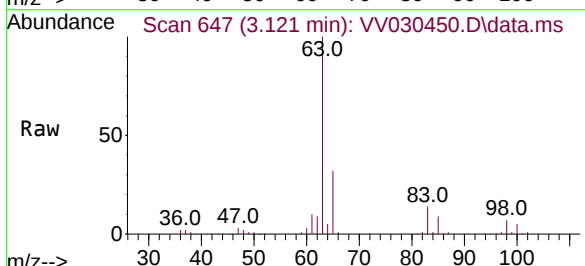
Tgt Ion: 63 Resp: 367985

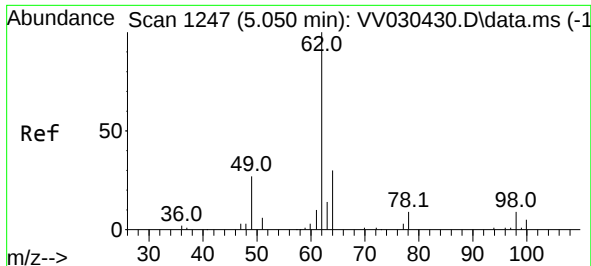
Ion Ratio Lower Upper

63 100

65 31.6 21.7 40.3

83 14.0 9.1 16.9





#27

1,2-Dichloroethane

Concen: 0.201 ug/L

RT: 5.066 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV030450.D

Acq: 07 Apr 2023 18:10

Instrument :

MSVOA_V

ClientSampleId :

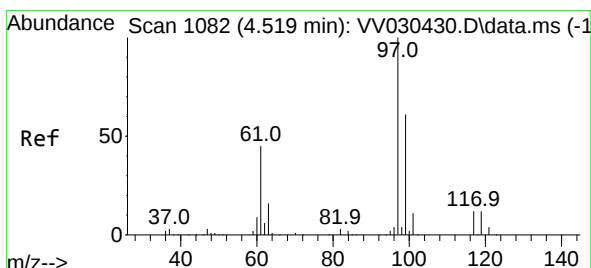
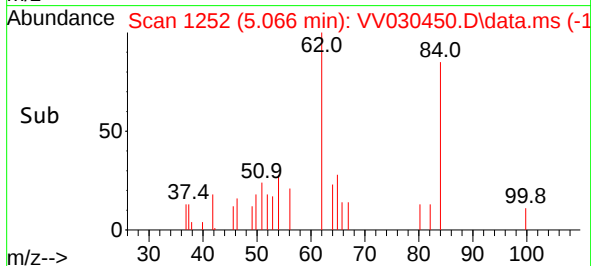
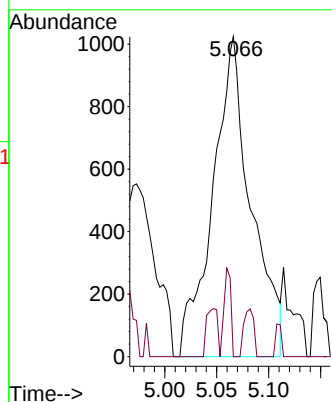
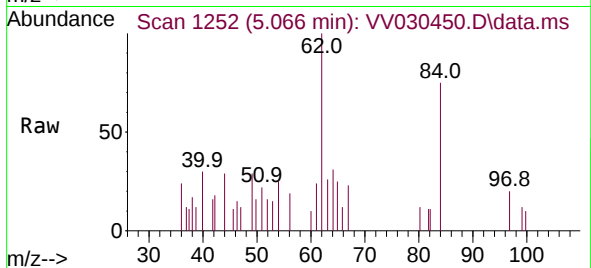
C0AC2

Tgt Ion: 62 Resp: 2615

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#29

1,1,1-Trichloroethane

Concen: 265.283 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030450.D

Acq: 07 Apr 2023 18:10

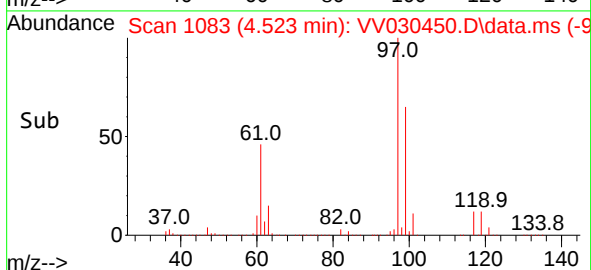
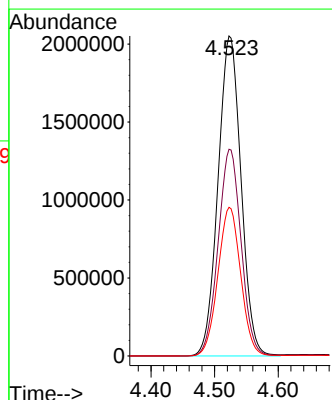
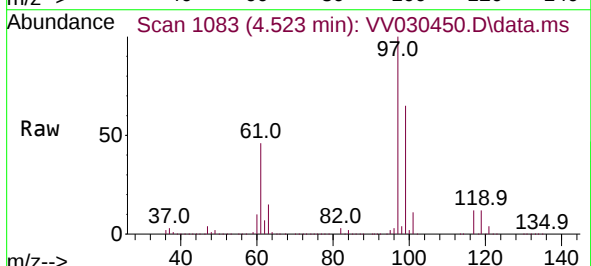
Tgt Ion: 97 Resp: 5157952

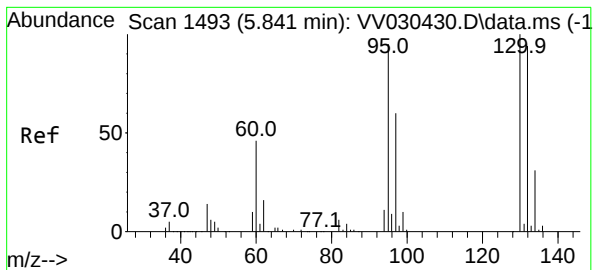
Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

61 46.2 35.9 53.9





#34

Trichloroethene

Concen: 1.253 ug/L

RT: 5.844 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030450.D

Acq: 07 Apr 2023 18:10

Instrument :

MSVOA_V

ClientSampleId :

C0AC2

Tgt Ion: 95 Resp: 14525

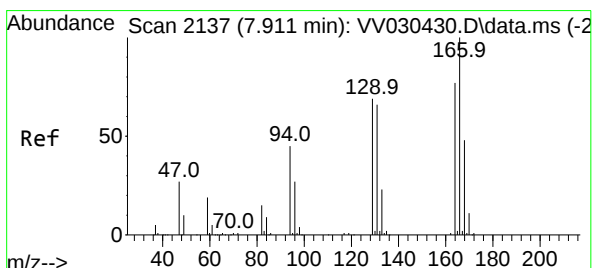
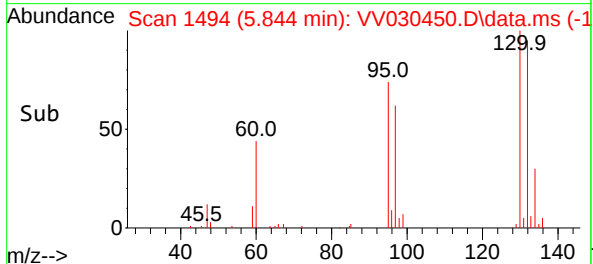
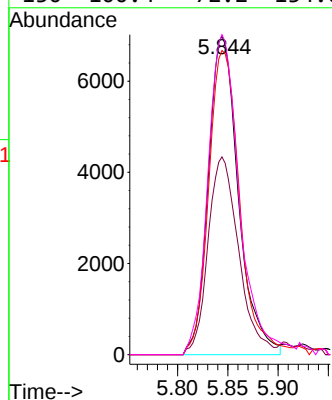
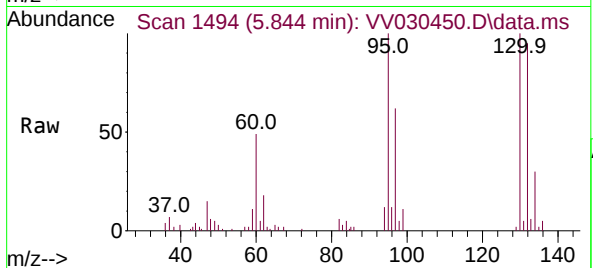
Ion Ratio Lower Upper

95 100

97 62.0 44.2 82.2

132 95.4 69.5 129.1

130 100.4 72.2 134.0



#47

Tetrachloroethene

Concen: 0.137 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.007 min

Lab File: VV030450.D

Acq: 07 Apr 2023 18:10

Tgt Ion:164 Resp: 1401

Ion Ratio Lower Upper

164 100

129 82.4 60.8 112.8

131 78.5 61.7 114.7

166 102.6 85.6 159.0

