

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052045.D
 Acq On : 22 Nov 2022 17:01
 Operator : JC/MD
 Sample : N5684-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

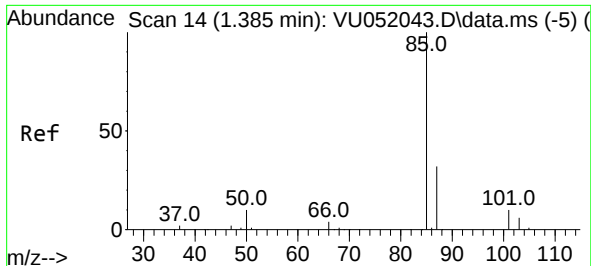
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J5

Quant Time: Nov 23 00:49:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	218674	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	220826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	80513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	101220	4.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.913	69	84974	5.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.565	65	34858	4.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.617	46	197291	51.171	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.340%
24) Chloroform-d	5.060	84	157173	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.700	65	82351	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.726	84	330997	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.687	67	109484	5.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.896	98	262670	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.179	79	29640	4.009	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.629	63	145439	46.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.840%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	86951	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	86329	5.600	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	7594	0.400	ug/L	94
9) Trichlorofluoromethane	2.138	101	9086	0.347	ug/L	93
12) 1,1-Dichloroethene	2.575	96	6817	0.430	ug/L #	1
19) 1,1-Dichloroethane	3.868	63	18150	0.592	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	13113	0.735	ug/L	99
25) Chloroform	5.089	83	18537	0.597	ug/L	99
34) Trichloroethene	6.539	95	120317	6.712	ug/L	99
47) Tetrachloroethene	8.552	164	46033	3.351	ug/L	95

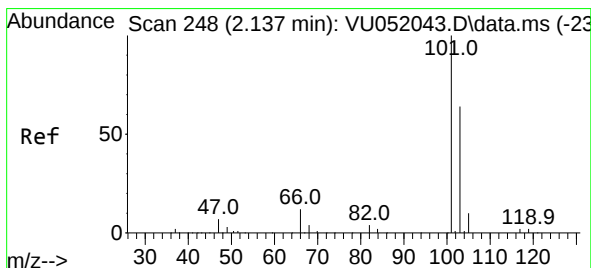
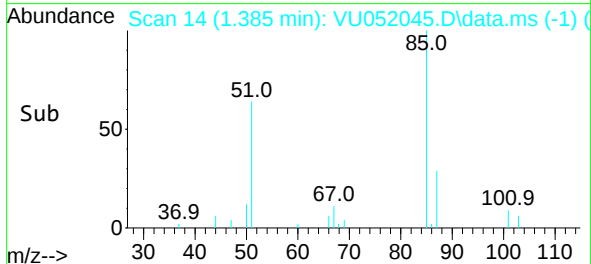
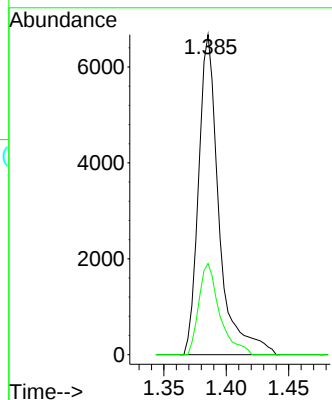
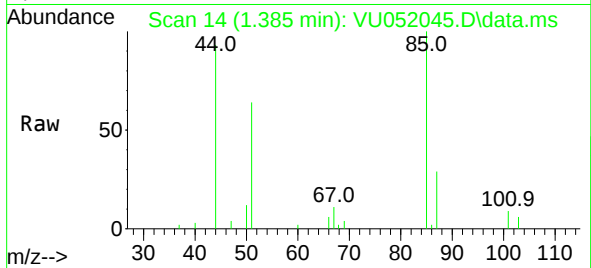
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.400 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052045.D
Acq: 22 Nov 2022 17:01

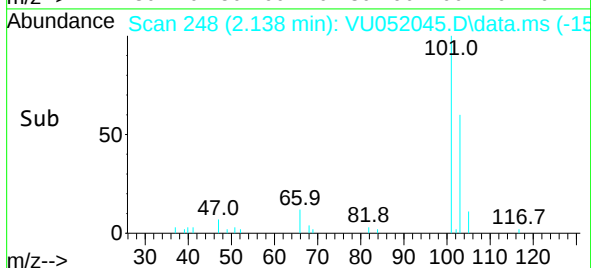
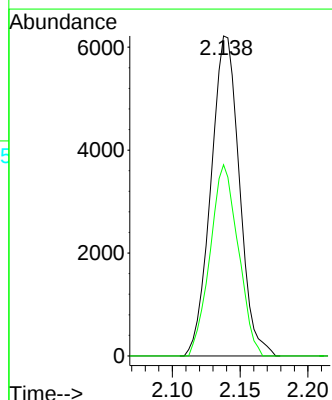
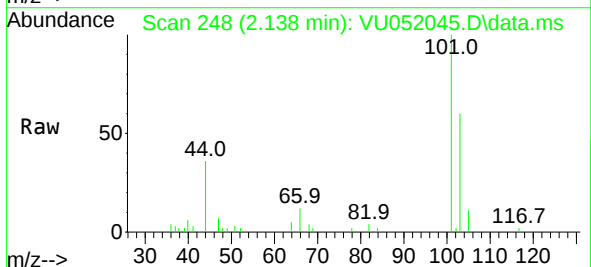
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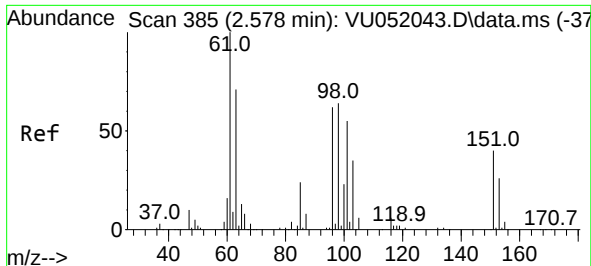
Tgt Ion: 85 Resp: 7594
Ion Ratio Lower Upper
85 100
87 29.0 25.8 38.8



#9
Trichlorofluoromethane
Concen: 0.347 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.004 min
Lab File: VU052045.D
Acq: 22 Nov 2022 17:01

Tgt Ion:101 Resp: 9086
Ion Ratio Lower Upper
101 100
103 58.9 51.6 77.4





#12

1,1-Dichloroethene

Concen: 0.430 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU052045.D

Acq: 22 Nov 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

BH1J5

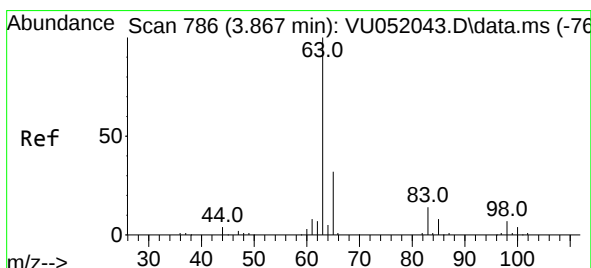
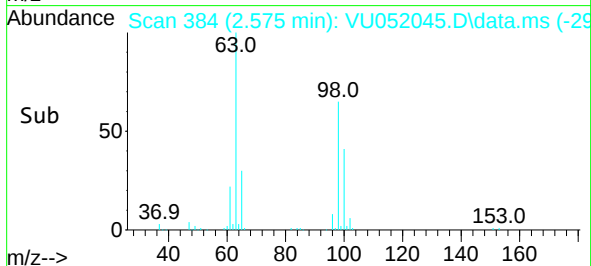
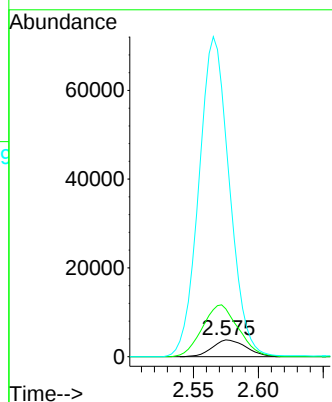
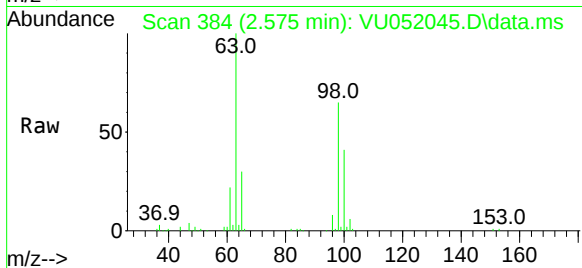
Tgt Ion: 96 Resp: 6817

Ion Ratio Lower Upper

96 100

61 283.8 114.8 213.2#

63 1293.2 93.7 174.1#



#19

1,1-Dichloroethane

Concen: 0.592 ug/L

RT: 3.868 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU052045.D

Acq: 22 Nov 2022 17:01

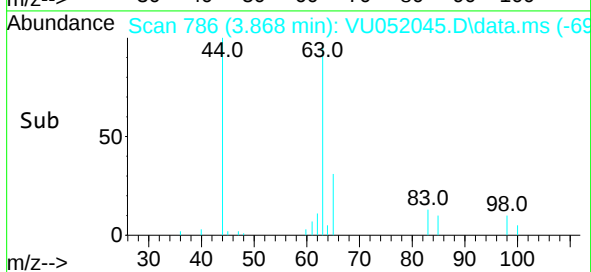
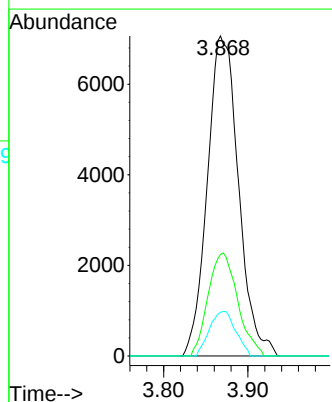
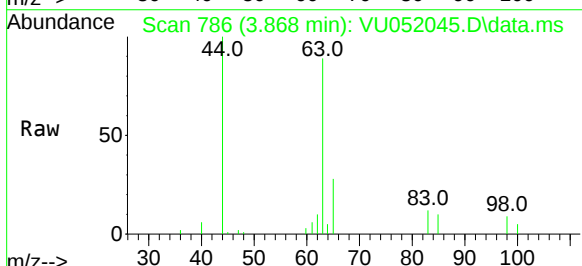
Tgt Ion: 63 Resp: 18150

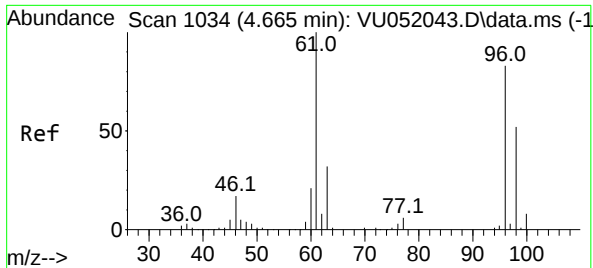
Ion Ratio Lower Upper

63 100

65 31.7 22.2 41.2

83 13.6 9.2 17.0

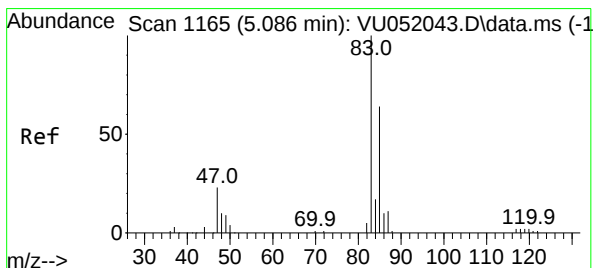
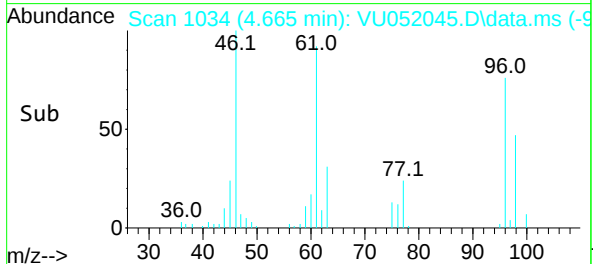
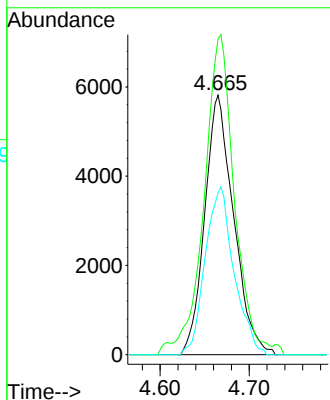
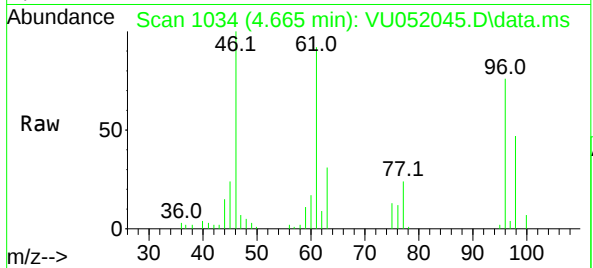




#22
 cis-1,2-Dichloroethene
 Concen: 0.735 ug/L
 RT: 4.665 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VU052045.D
 Acq: 22 Nov 2022 17:01

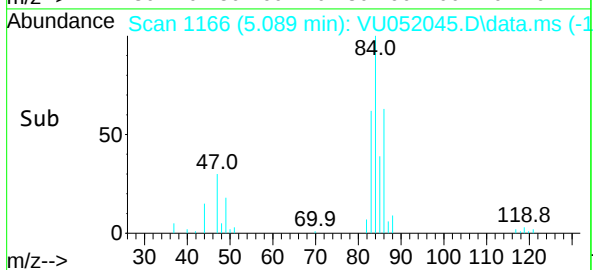
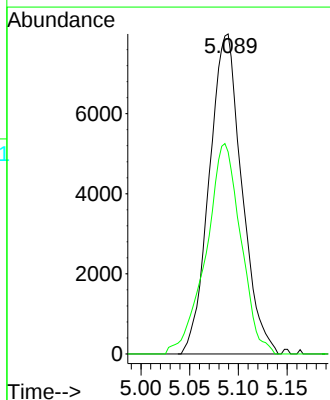
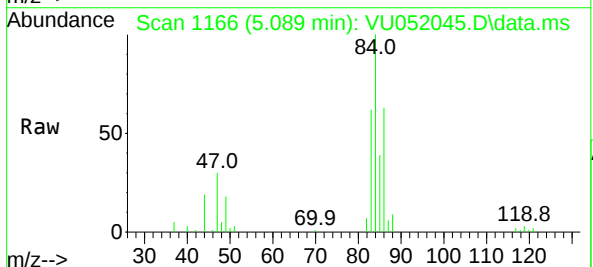
Instrument :
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 BH1J5

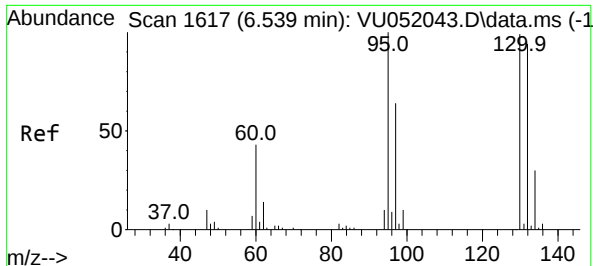
Tgt Ion: 96 Resp: 13113
 Ion Ratio Lower Upper
 96 100
 61 121.7 85.1 158.1
 98 62.3 42.8 79.6



#25
 Chloroform
 Concen: 0.597 ug/L
 RT: 5.089 min Scan# 1166
 Delta R.T. 0.003 min
 Lab File: VU052045.D
 Acq: 22 Nov 2022 17:01

Tgt Ion: 83 Resp: 18537
 Ion Ratio Lower Upper
 83 100
 85 63.1 43.8 81.4

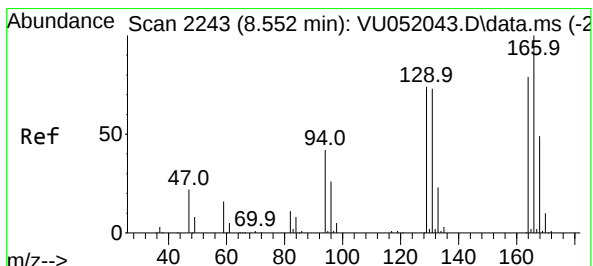
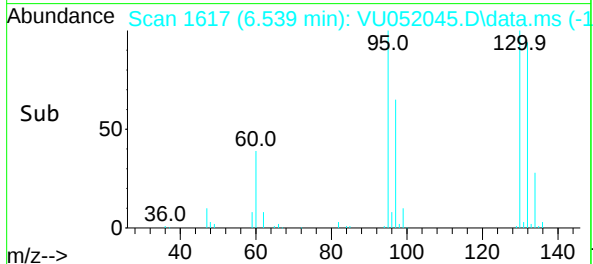
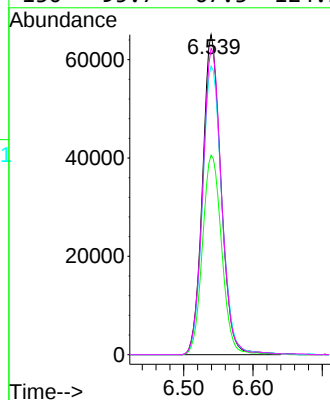
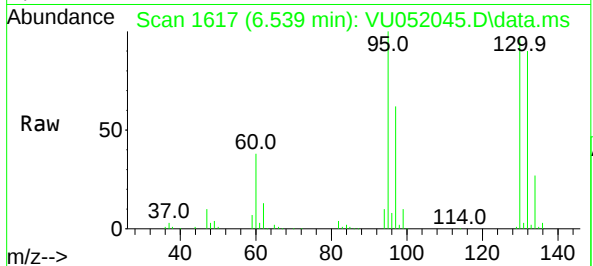




#34
Trichloroethene
Concen: 6.712 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052045.D
Acq: 22 Nov 2022 17:01

Instrument :
MSVOA_U
ClientSampleId :
BH1J5

Tgt Ion: 95 Resp: 120317
Ion Ratio Lower Upper
95 100
97 62.3 43.7 81.1
132 90.1 64.3 119.3
130 95.7 67.3 124.9



#47
Tetrachloroethene
Concen: 3.351 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052045.D
Acq: 22 Nov 2022 17:01

Tgt Ion: 164 Resp: 46033
Ion Ratio Lower Upper
164 100
129 92.0 67.4 125.2
131 88.2 67.1 124.7
166 125.6 89.7 166.5

