

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051592.D
 Acq On : 29 Oct 2022 01:54
 Operator : JC/MD
 Sample : N5276-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4X2

Quant Time: Oct 29 04:44:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 29 00:39:42 2022
 Response via : Initial Calibration

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

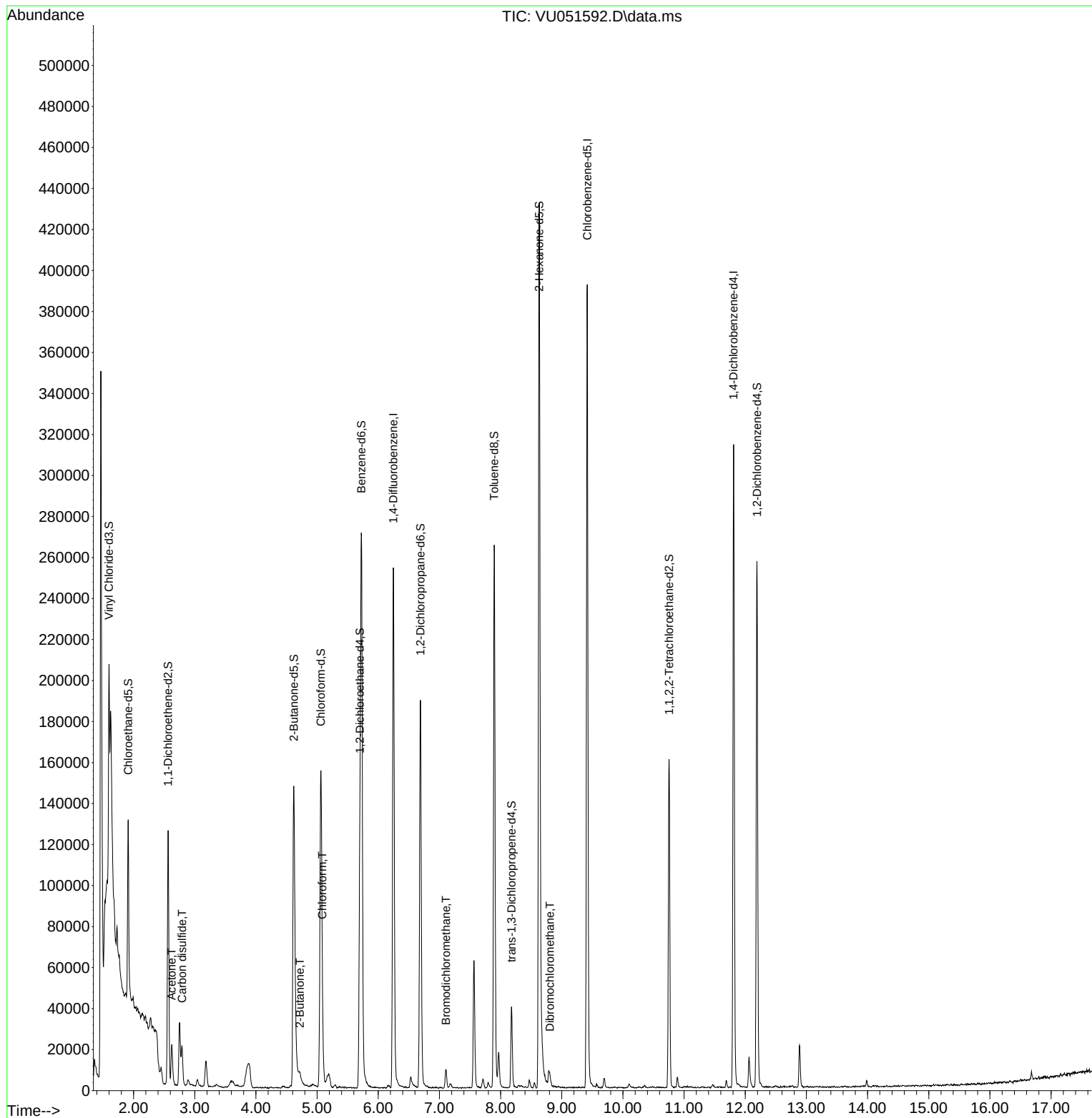
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	212446	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	224268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89295	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63867	3.992	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.912	69	67397	4.039	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.800%	
11) 1,1-Dichloroethene-d2	2.565	65	23426	4.034	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.600%	
20) 2-Butanone-d5	4.620	46	207332	35.780	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.560%	
24) Chloroform-d	5.060	84	144064	3.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.000%	
26) 1,2-Dichloroethane-d4	5.700	65	78838	3.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.000%	
32) Benzene-d6	5.726	84	266538	3.766	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.400%	
36) 1,2-Dichloropropane-d6	6.690	67	95122	3.844	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.800%	
41) Toluene-d8	7.896	98	185069	3.325	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.600%#	
43) trans-1,3-Dichloroprop...	8.179	79	22032	2.912	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	58.200%	
46) 2-Hexanone-d5	8.632	63	142249	31.228	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	62.460%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	84629	3.732	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	74.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	72031	4.395	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.800%	
Target Compounds						Qvalue
13) Acetone	2.623	43	21535	7.325	ug/L	97
14) Carbon disulfide	2.793	76	23801	0.400	ug/L	97
21) 2-Butanone	4.716	43	7017	1.524	ug/L	96
25) Chloroform	5.086	83	19306	0.509	ug/L	99
38) Bromodichloromethane	7.108	83	6253	0.225	ug/L	96
49) Dibromochloromethane	8.809	129	2029	0.106	ug/L	85

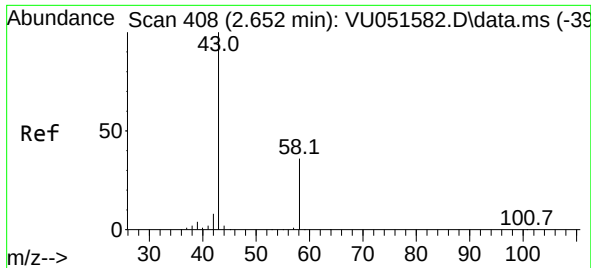
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.325 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.029 min

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Instrument :

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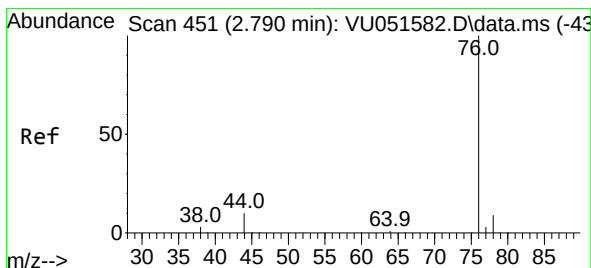
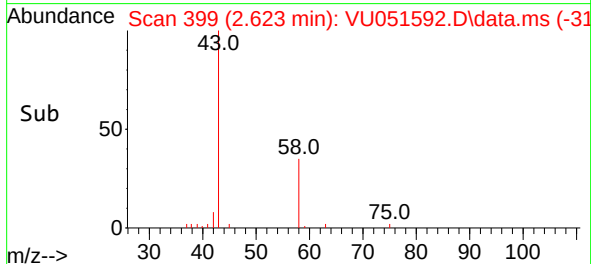
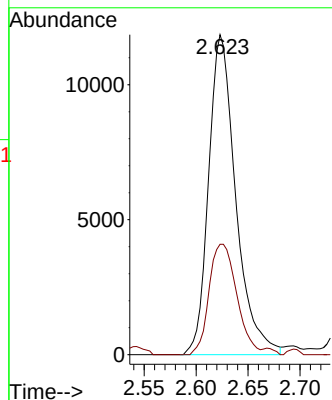
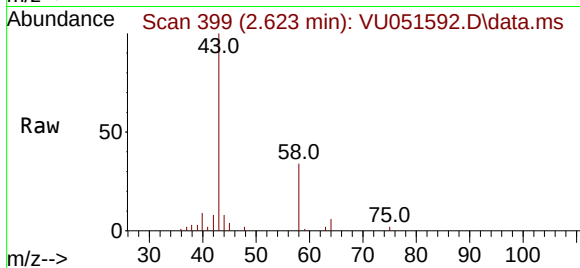
EW4X2

Tgt Ion: 43 Resp: 21535

Ion Ratio Lower Upper

43 100

58 35.1 0.0 73.8



#14

Carbon disulfide

Concen: 0.400 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051592.D

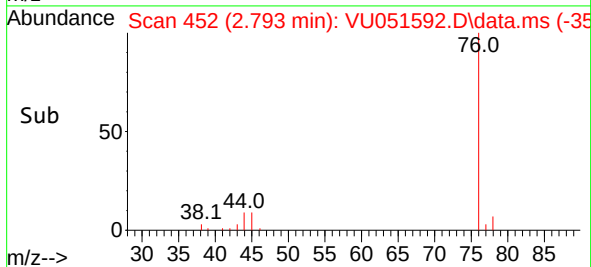
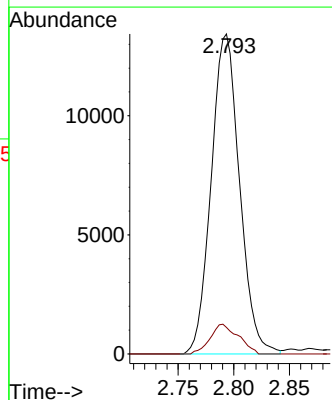
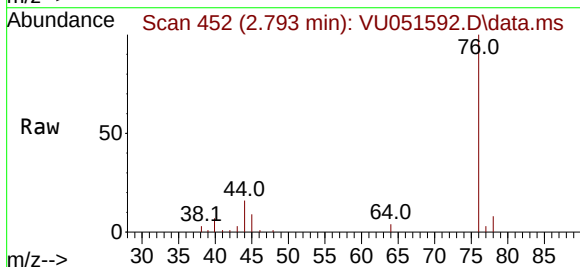
Acq: 29 Oct 2022 01:54

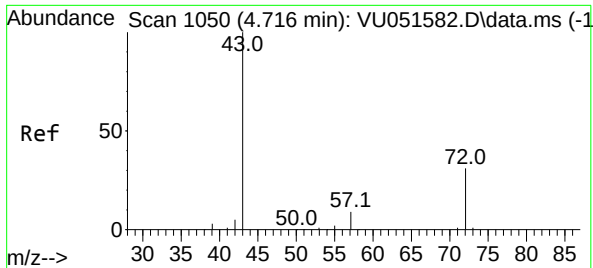
Tgt Ion: 76 Resp: 23801

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.2





#21

2-Butanone

Concen: 1.524 ug/L

RT: 4.716 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VU051592.D

Acq: 29 Oct 2022 01:54

Instrument :

MSVOA_U

ClientSampleId :

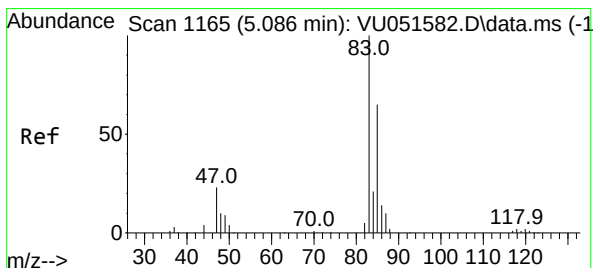
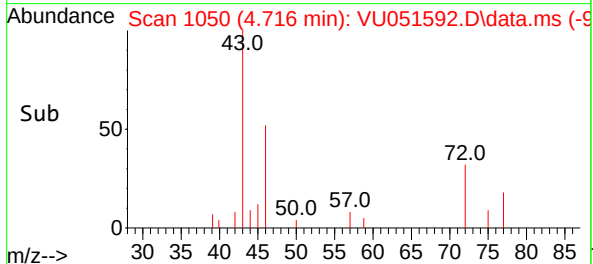
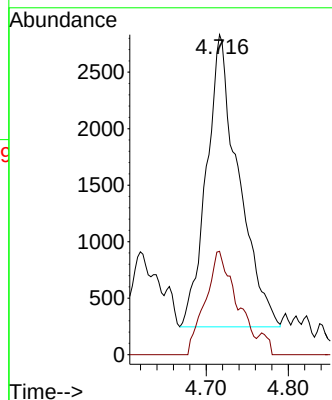
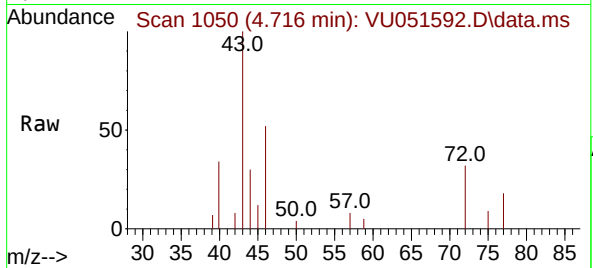
EW4X2

Tgt Ion: 43 Resp: 7017

Ion Ratio Lower Upper

43 100

72 34.3 16.2 48.5



#25

Chloroform

Concen: 0.509 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051592.D

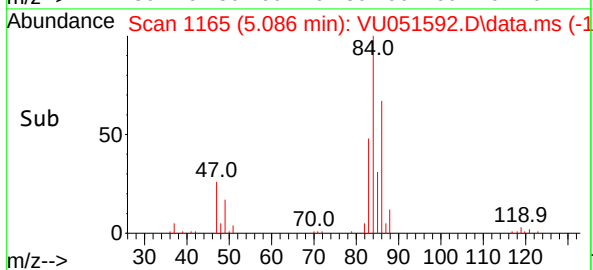
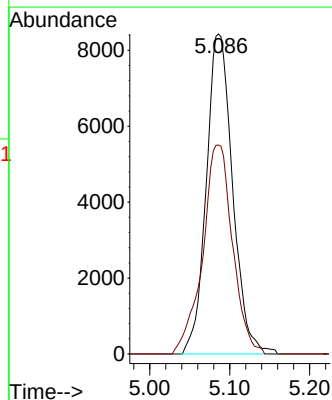
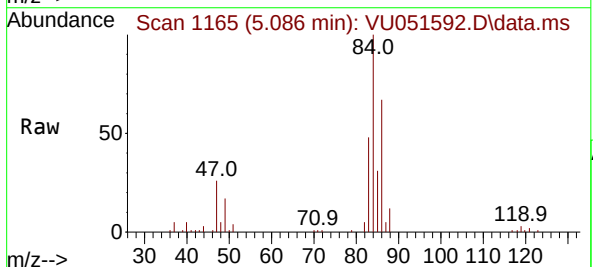
Acq: 29 Oct 2022 01:54

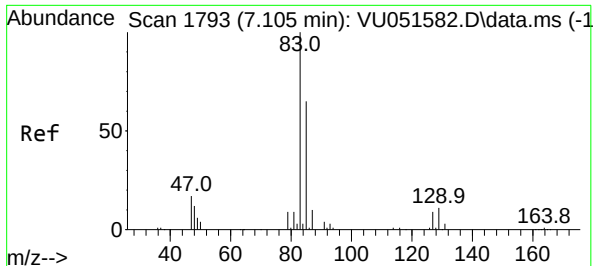
Tgt Ion: 83 Resp: 19306

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0

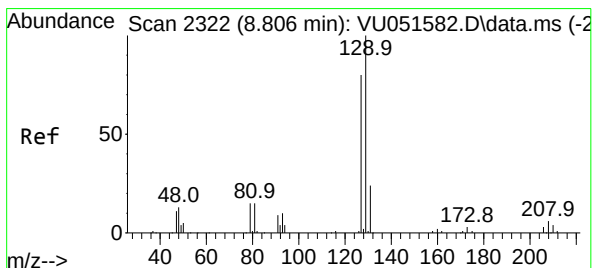
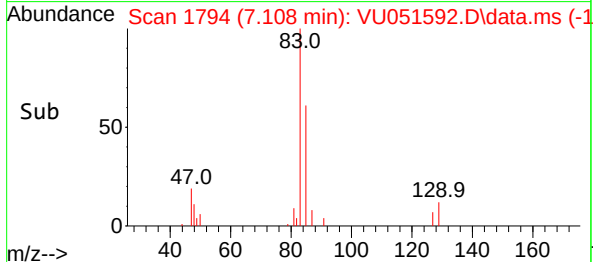
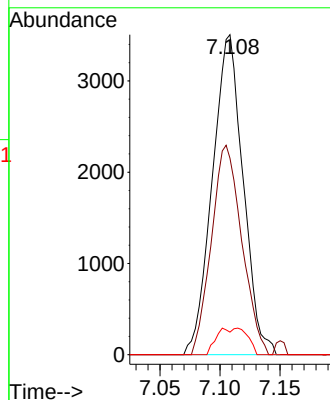
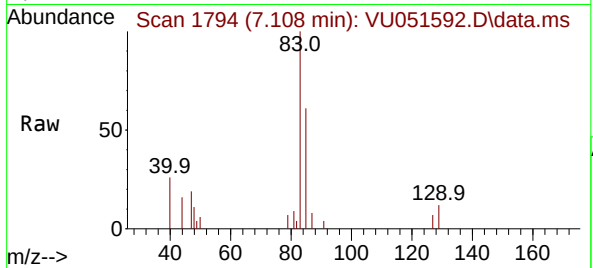




#38
Bromodichloromethane
Concen: 0.225 ug/L
RT: 7.108 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051592.D
Acq: 29 Oct 2022 01:54

Instrument :
MSVOA_U
ClientSampleId :
EW4X2

Tgt Ion: 83 Resp: 6253
Ion Ratio Lower Upper
83 100
85 61.4 45.1 83.7
127 7.1 6.6 9.8



#49
Dibromochloromethane
Concen: 0.106 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051592.D
Acq: 29 Oct 2022 01:54

Tgt Ion: 129 Resp: 2029
Ion Ratio Lower Upper
129 100
127 91.1 54.8 101.8

