

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121422\
 Data File : VU052399.D
 Acq On : 14 Dec 2022 14:47
 Operator : JC/MD
 Sample : N6050-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AA8

Quant Time: Dec 14 21:39:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 21:38:14 2022
 Response via : Initial Calibration

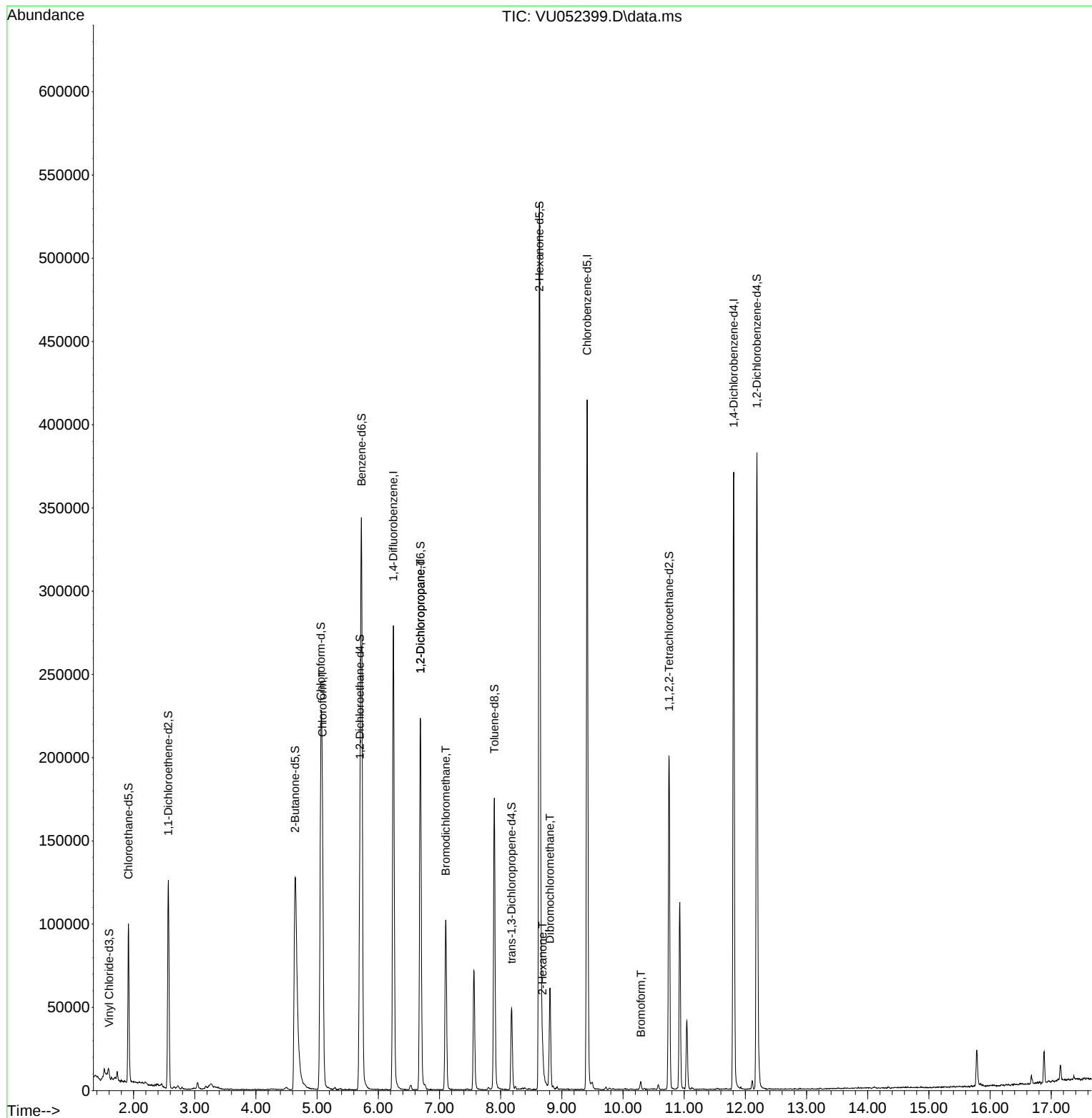
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	231872	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	240705	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	104574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	1635	0.072	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	1.400%#
7) Chloroethane-d5	1.916	69	73551	4.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.568	65	23546	2.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	4.642	46	269761	65.984	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.960%#
24) Chloroform-d	5.060	84	172622	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.700	65	89641	5.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.726	84	332013	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.687	67	115916	5.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.896	98	123270	1.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	38.200%#
43) trans-1,3-Dichloroprop...	8.179	79	26700	3.313	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.200%
46) 2-Hexanone-d5	8.632	63	184202	53.934	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.860%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105072	5.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	108184	5.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
25) Chloroform	5.086	83	136621	4.149	ug/L	98
37) 1,2-Dichloropropane	6.687	63	11375	0.561	ug/L #	88
38) Bromodichloromethane	7.102	83	68322	2.763	ug/L	98
48) 2-Hexanone	8.684	43	6910	0.890	ug/L #	45
49) Dibromochloromethane	8.806	129	30565	1.790	ug/L	95
59) Bromoform	10.291	173	2047	0.238	ug/L #	96

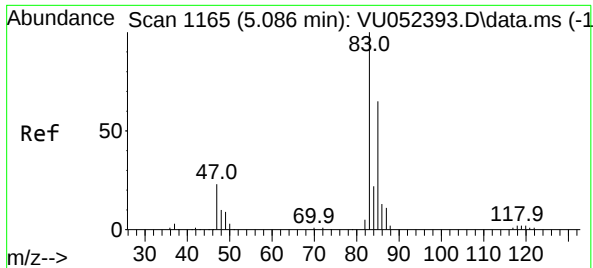
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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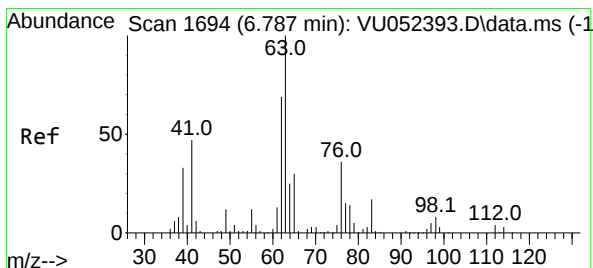
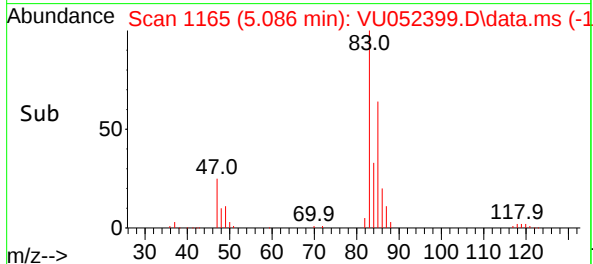
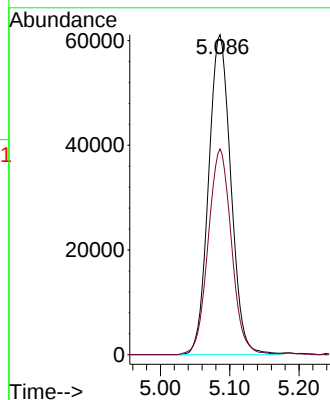
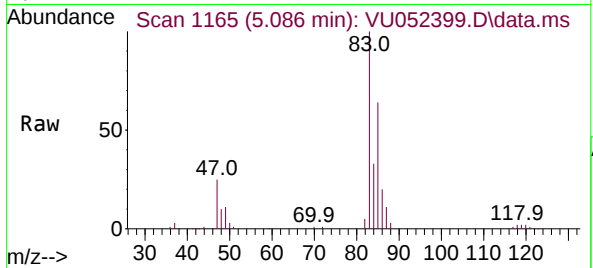




#25
Chloroform
Concen: 4.149 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU052399.D
Acq: 14 Dec 2022 14:47

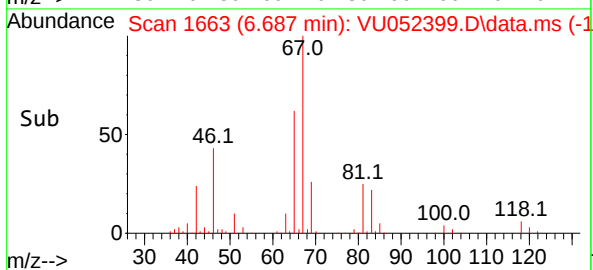
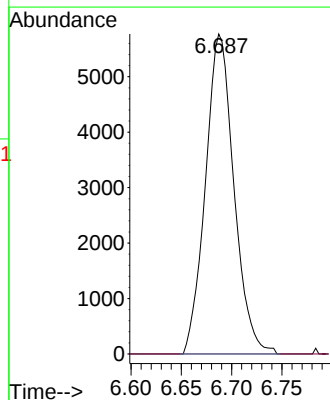
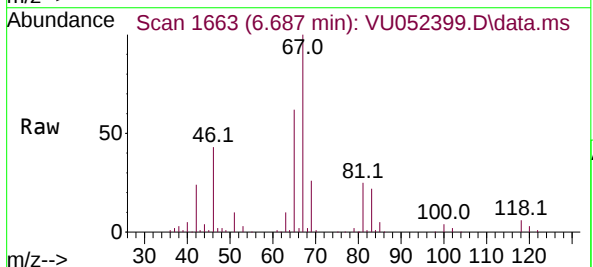
Instrument :
MSVOA_U
ClientSampleId :
B0AA8

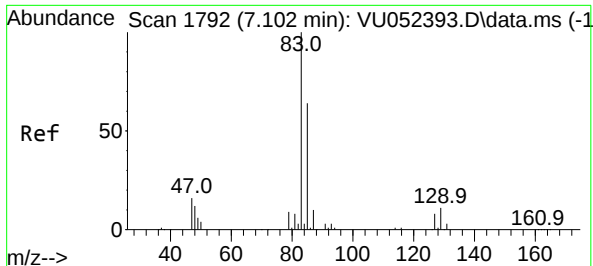
Tgt Ion: 83 Resp: 136621
Ion Ratio Lower Upper
83 100
85 64.3 43.8 81.4



#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU052399.D
Acq: 14 Dec 2022 14:47

Tgt Ion: 63 Resp: 11375
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#38

Bromodichloromethane

Concen: 2.763 ug/L

RT: 7.102 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052399.D

Acq: 14 Dec 2022 14:47

Instrument :

MSVOA_U

ClientSampleId :

B0AA8

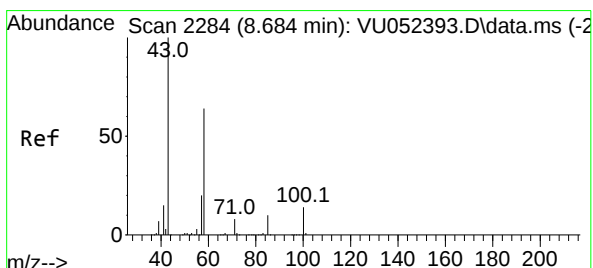
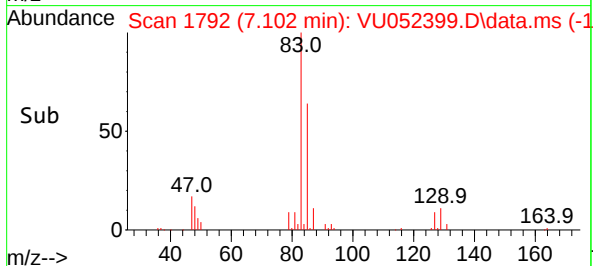
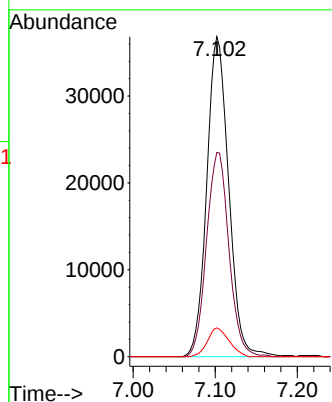
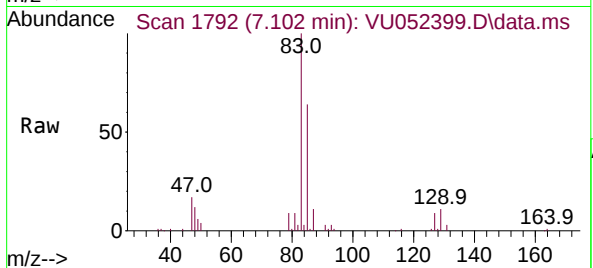
Tgt Ion: 83 Resp: 68322

Ion Ratio Lower Upper

83 100

85 63.8 43.5 80.9

127 9.0 6.8 10.2



#48

2-Hexanone

Concen: 0.890 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VU052399.D

Acq: 14 Dec 2022 14:47

Tgt Ion: 43 Resp: 6910

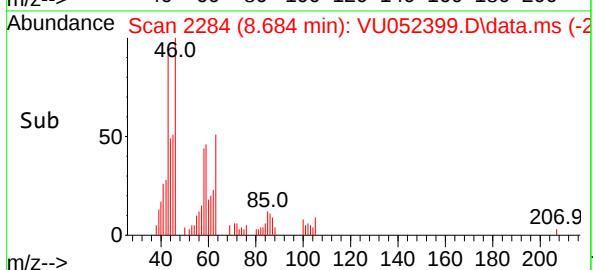
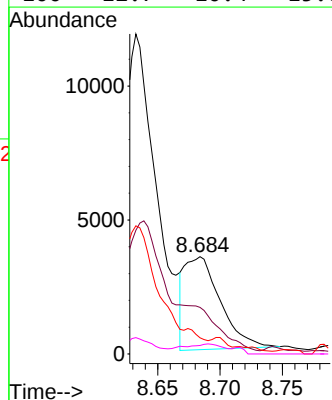
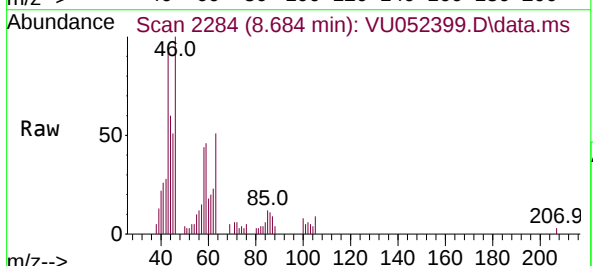
Ion Ratio Lower Upper

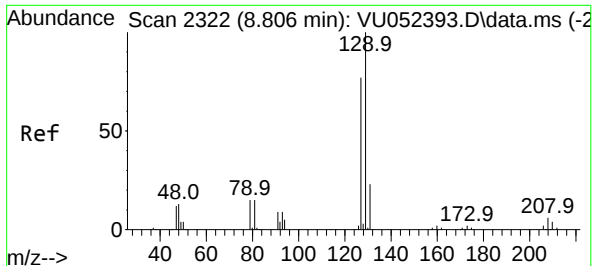
43 100

58 0.0 49.4 74.0#

57 13.5 16.3 24.5#

100 12.7 10.4 15.6

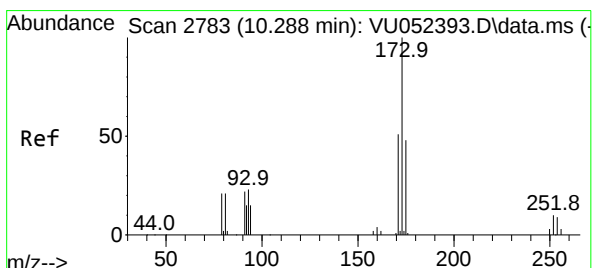
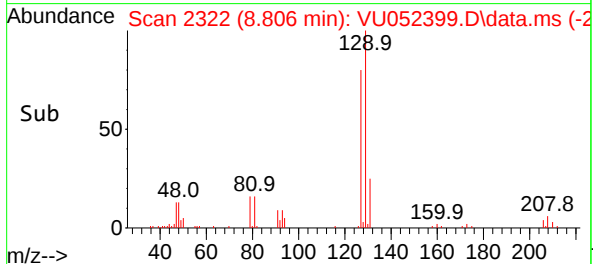
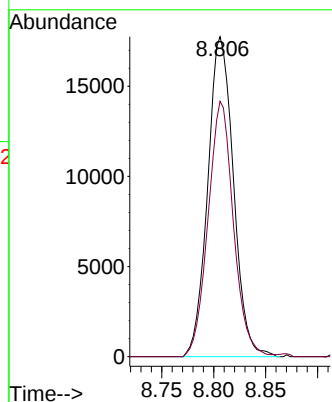
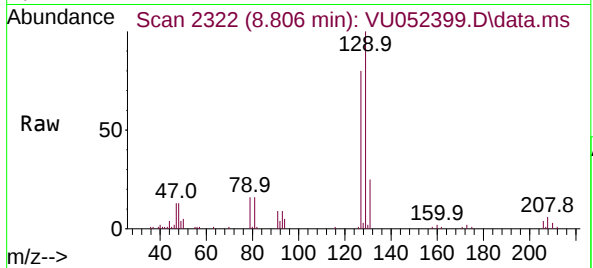




#49
Dibromochloromethane
Concen: 1.790 ug/L
RT: 8.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052399.D
Acq: 14 Dec 2022 14:47

Instrument :
MSVOA_U
ClientSampleId :
B0AA8

Tgt Ion:129 Resp: 30565
Ion Ratio Lower Upper
129 100
127 79.8 52.8 98.2



#59
Bromoform
Concen: 0.238 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU052399.D
Acq: 14 Dec 2022 14:47

Tgt Ion:173 Resp: 2047
Ion Ratio Lower Upper
173 100
175 48.5 37.2 55.8
254 4.6 7.0 10.6#

