

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056496.D
 Acq On : 18 Nov 2023 22:29
 Operator : MD/SY
 Sample : 05455-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E05N4

Quant Time: Nov 19 04:54:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

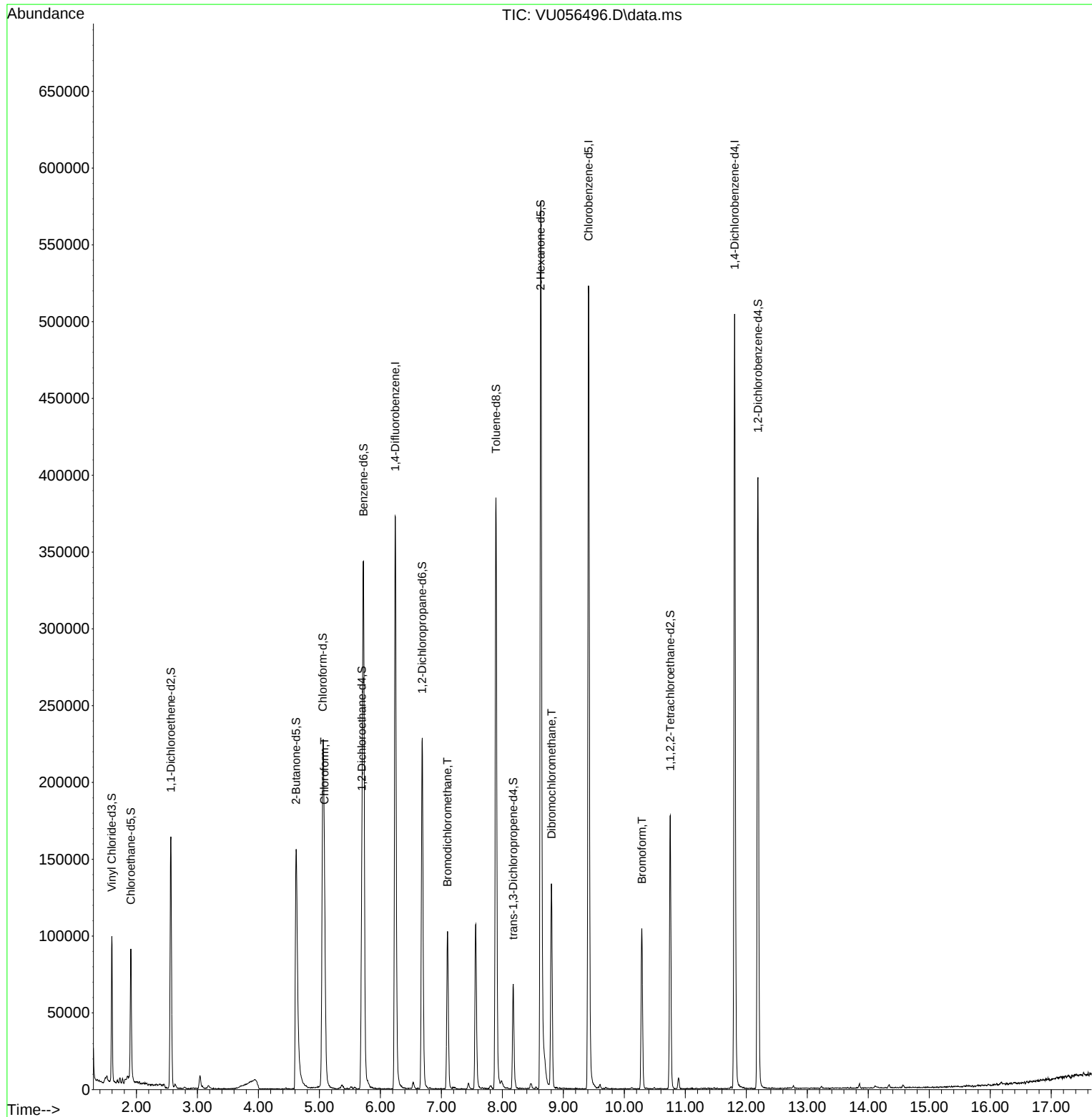
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	302100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	303714	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	134570	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65085	2.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.907	69	63273	3.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.563	65	32328	3.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.618	46	246804	54.776	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.560%
24) Chloroform-d	5.055	84	189647	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	95460	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.721	84	327511	3.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.685	67	110997	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.894	98	270153	3.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	8.177	79	39410	3.768	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.627	63	199186	48.459	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90008	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	106699	4.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						Qvalue
25) Chloroform	5.081	83	103687	2.539	ug/L	94
38) Bromodichloromethane	7.100	83	68397	2.344	ug/L	97
49) Dibromochloromethane	8.804	129	70222	4.103	ug/L	99
59) Bromoform	10.287	173	47550	5.673	ug/L	97

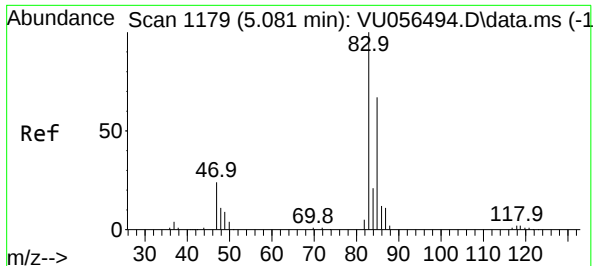
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 2.539 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

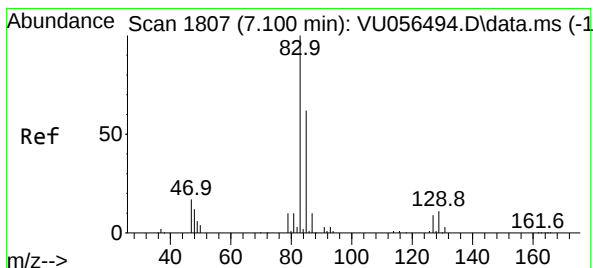
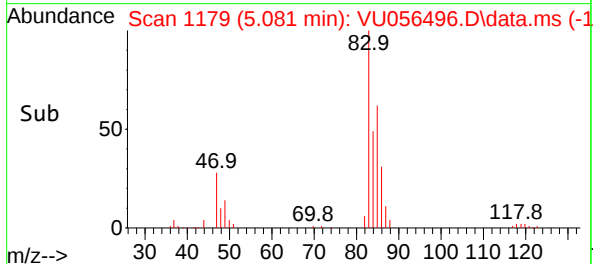
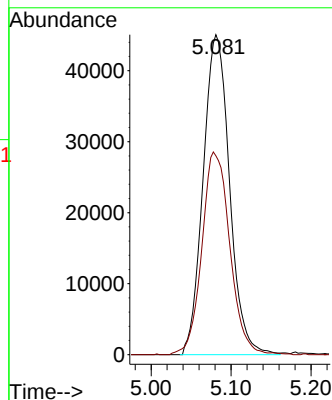
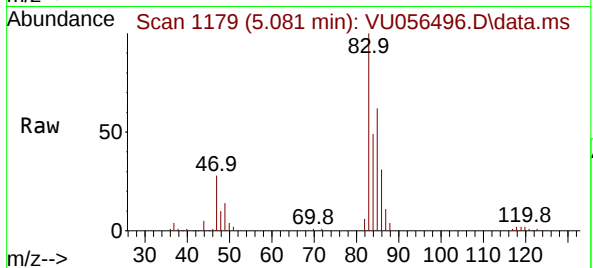
E05N4

Tgt Ion: 83 Resp: 103687

Ion Ratio Lower Upper

83 100

85 62.2 47.0 87.2



#38

Bromodichloromethane

Concen: 2.344 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

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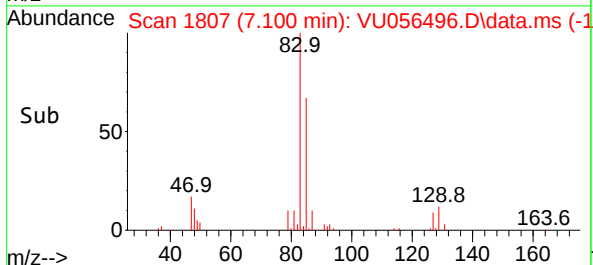
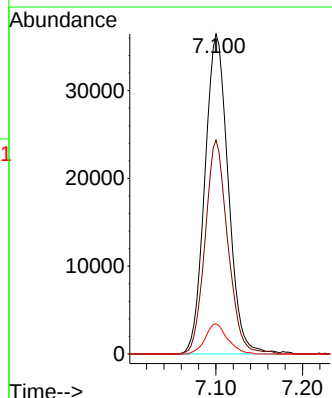
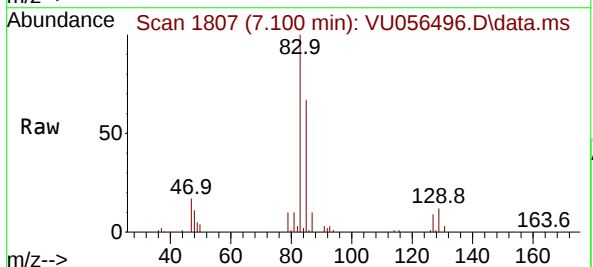
Tgt Ion: 83 Resp: 68397

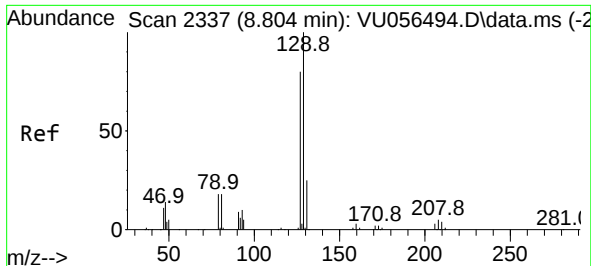
Ion Ratio Lower Upper

83 100

85 66.8 44.9 83.5

127 9.4 6.9 10.3

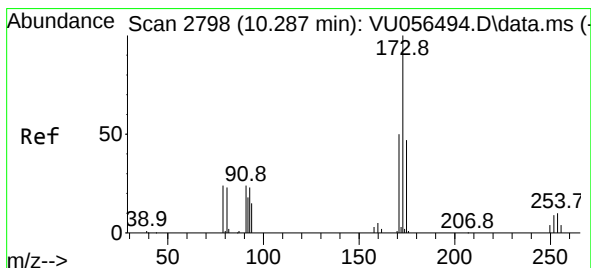
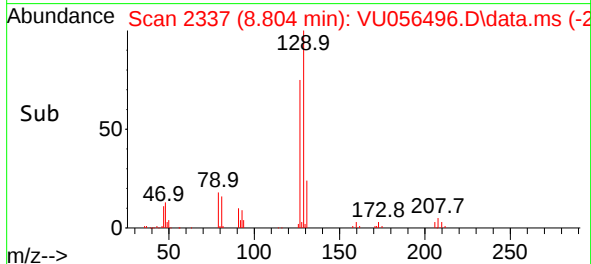
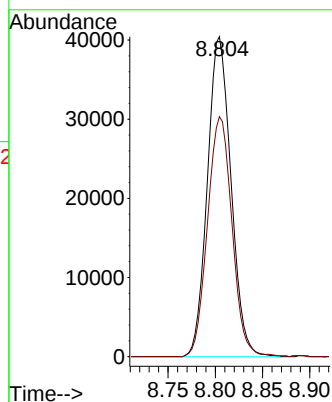
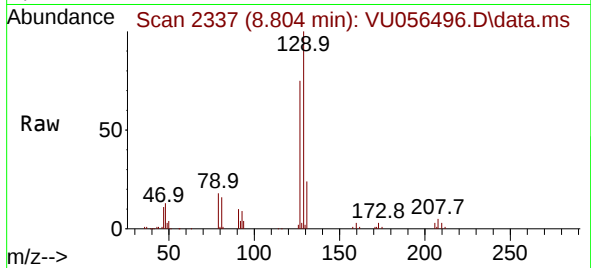




#49
Dibromochloromethane
Concen: 4.103 ug/L
RT: 8.804 min Scan# 21
Delta R.T. 0.000 min
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Instrument :
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E05N4

Tgt Ion:129 Resp: 70222
Ion Ratio Lower Upper
129 100
127 75.0 52.9 98.3



#59
Bromoform
Concen: 5.673 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056496.D
Acq: 18 Nov 2023 22:29

Tgt Ion:173 Resp: 47550
Ion Ratio Lower Upper
173 100
175 50.5 38.9 58.3
254 9.7 6.7 10.1

