

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055196.D
 Acq On : 07 Sep 2023 18:14
 Operator : MD/SY
 Sample : 04286-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4E2

Quant Time: Sep 08 05:09:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

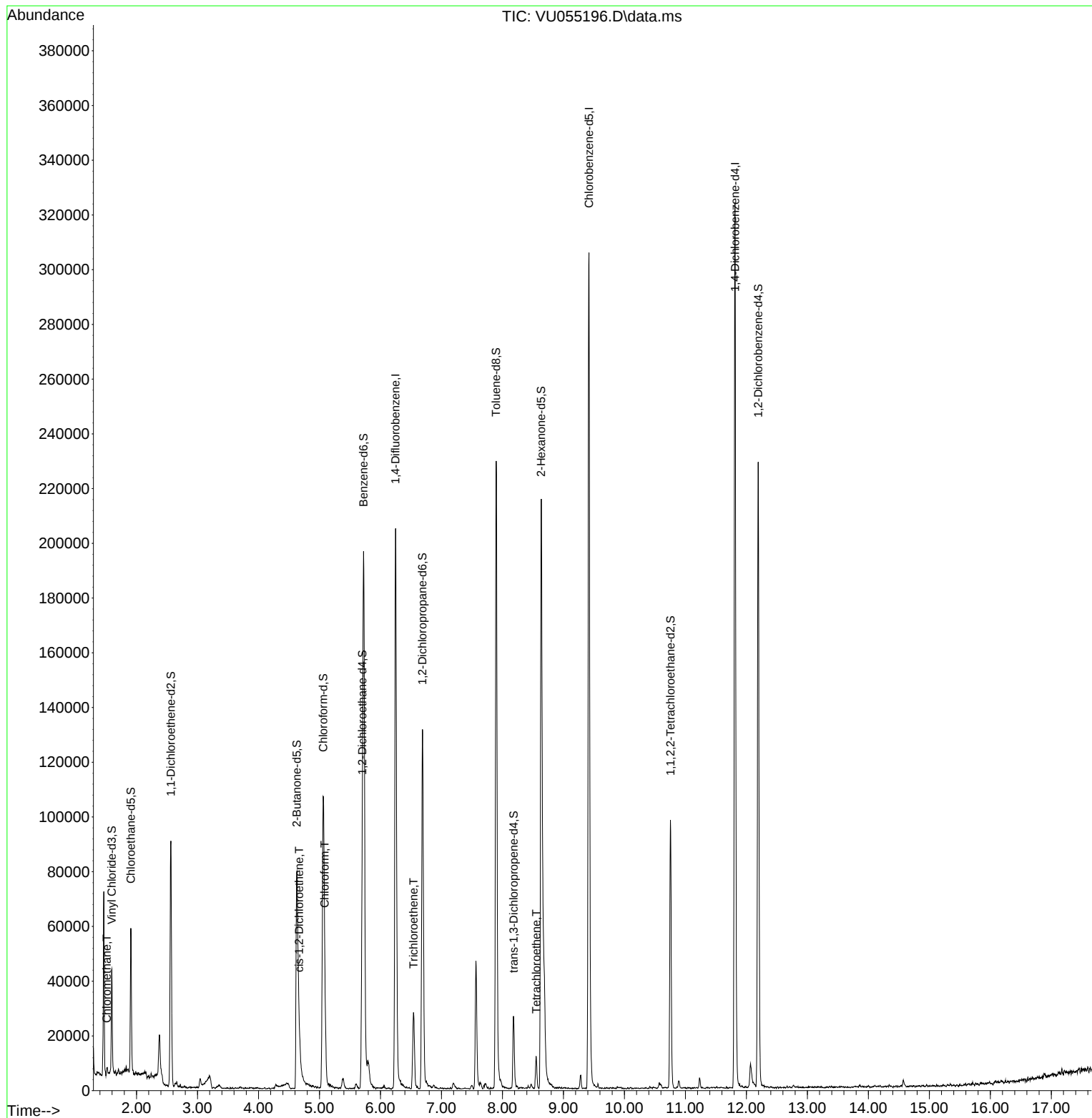
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	157720	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	167939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	82116	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26176	3.541	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.907	69	36636	4.282	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.563	65	17220	4.088	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.628	46	126343	58.898	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.800%
24) Chloroform-d	5.062	84	94796	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.701	65	50903	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.724	84	177608	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.689	67	63122	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.897	98	155065	4.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.184	79	15461	4.258	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.634	63	65843	44.667	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.340%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	49472	5.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	58021	4.841	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2409	0.258	ug/L	100
22) cis-1,2-Dichloroethene	4.666	96	2539	0.280	ug/L	86
25) Chloroform	5.087	83	22552	1.354	ug/L	98
34) Trichloroethene	6.544	95	9699	0.976	ug/L	90
47) Tetrachloroethene	8.557	164	2380	0.347	ug/L	84

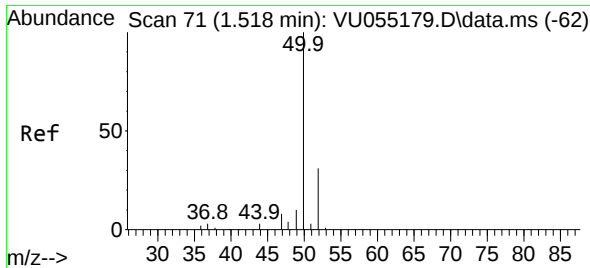
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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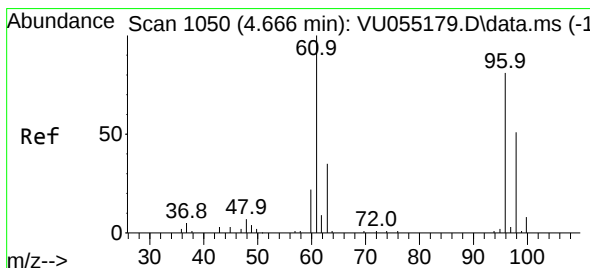
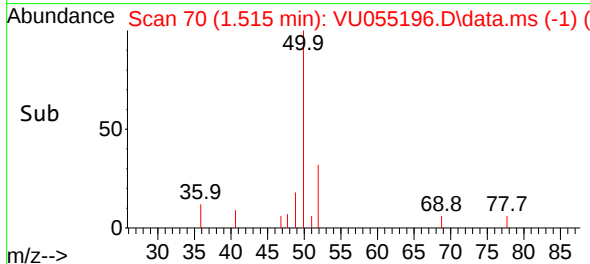
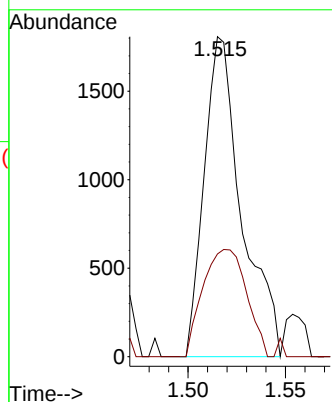
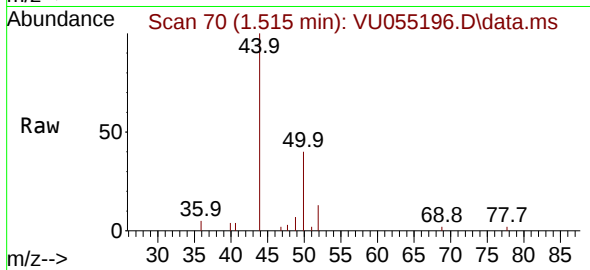




#3
Chloromethane
Concen: 0.258 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU055196.D
Acq: 07 Sep 2023 18:14

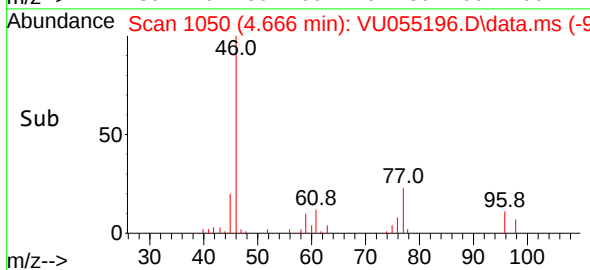
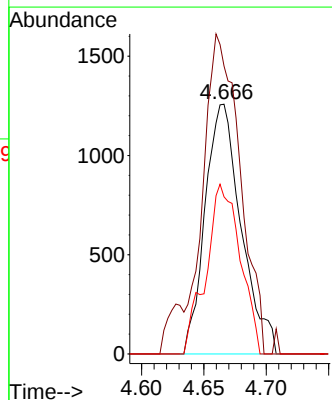
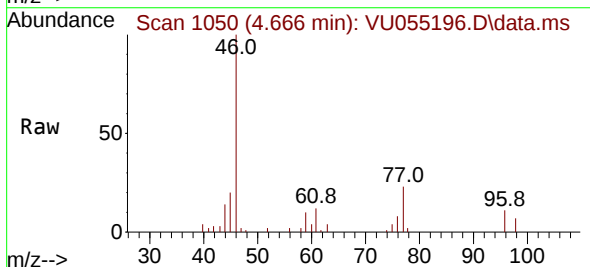
Instrument :
MSVOA_U
ClientSampleId :
BH4E2

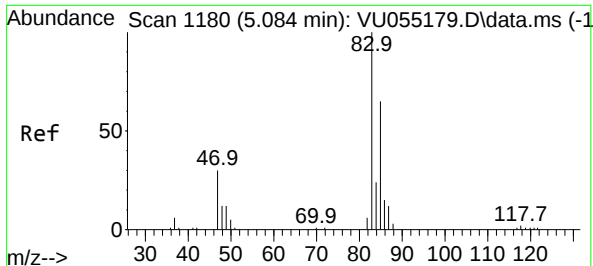
Tgt Ion: 50 Resp: 2409
Ion Ratio Lower Upper
50 100
52 32.1 22.5 41.7



#22
cis-1,2-Dichloroethene
Concen: 0.280 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU055196.D
Acq: 07 Sep 2023 18:14

Tgt Ion: 96 Resp: 2539
Ion Ratio Lower Upper
96 100
61 115.3 97.2 180.4
98 63.0 46.1 85.7





#25

Chloroform

Concen: 1.354 ug/L

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055196.D

Acq: 07 Sep 2023 18:14

Instrument :

MSVOA_U

ClientSampleId :

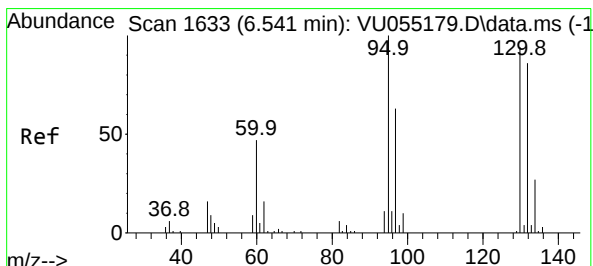
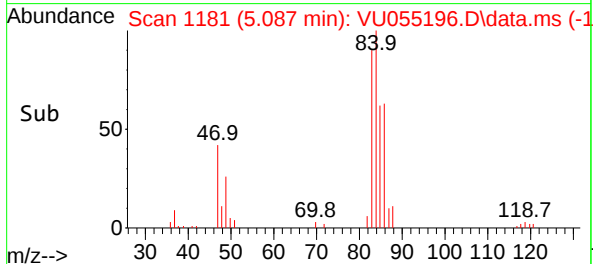
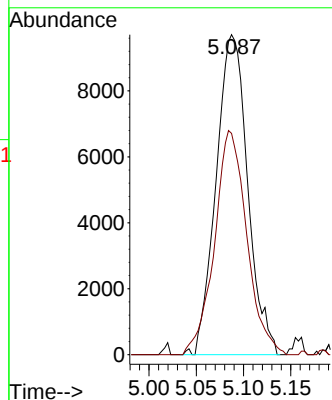
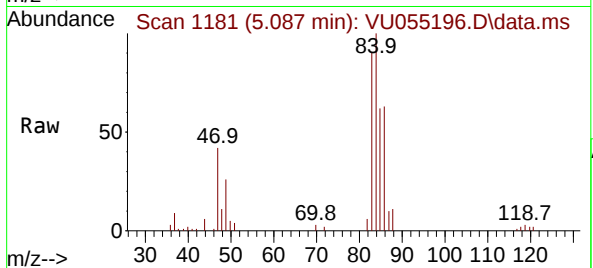
BH4E2

Tgt Ion: 83 Resp: 22552

Ion Ratio Lower Upper

83 100

85 69.2 47.2 87.6



#34

Trichloroethene

Concen: 0.976 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VU055196.D

Acq: 07 Sep 2023 18:14

Tgt Ion: 95 Resp: 9699

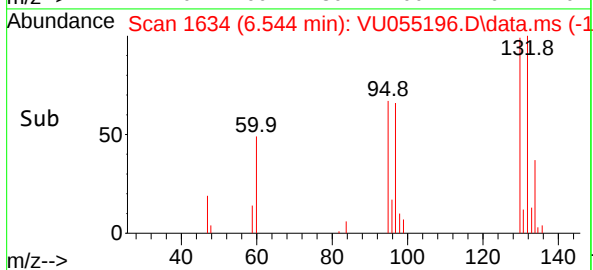
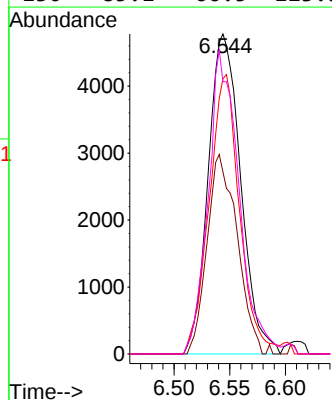
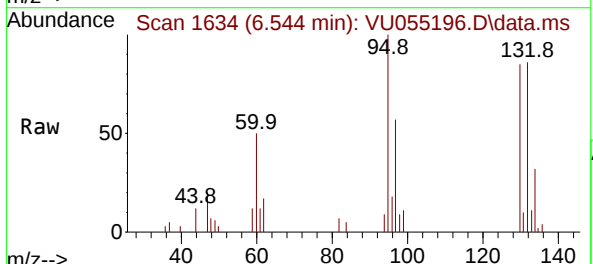
Ion Ratio Lower Upper

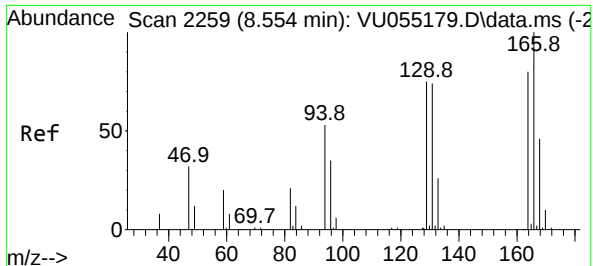
95 100

97 57.0 44.7 83.1

132 86.0 66.6 123.6

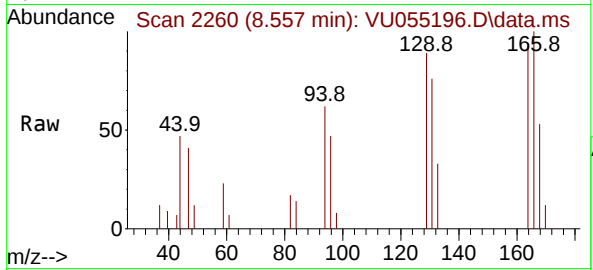
130 85.1 66.5 123.5





#47
 Tetrachloroethene
 Concen: 0.347 ug/L
 RT: 8.557 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU055196.D
 Acq: 07 Sep 2023 18:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4E2



Tgt Ion:	164	Resp:	2380
Ion	Ratio	Lower	Upper
164	100		
129	94.0	69.2	128.6
131	80.1	68.8	127.8
166	105.9	92.3	171.5

