

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055174.D
 Acq On : 07 Sep 2023 05:24
 Operator : MD/SY
 Sample : 04267-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D6

Quant Time: Sep 07 15:40:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

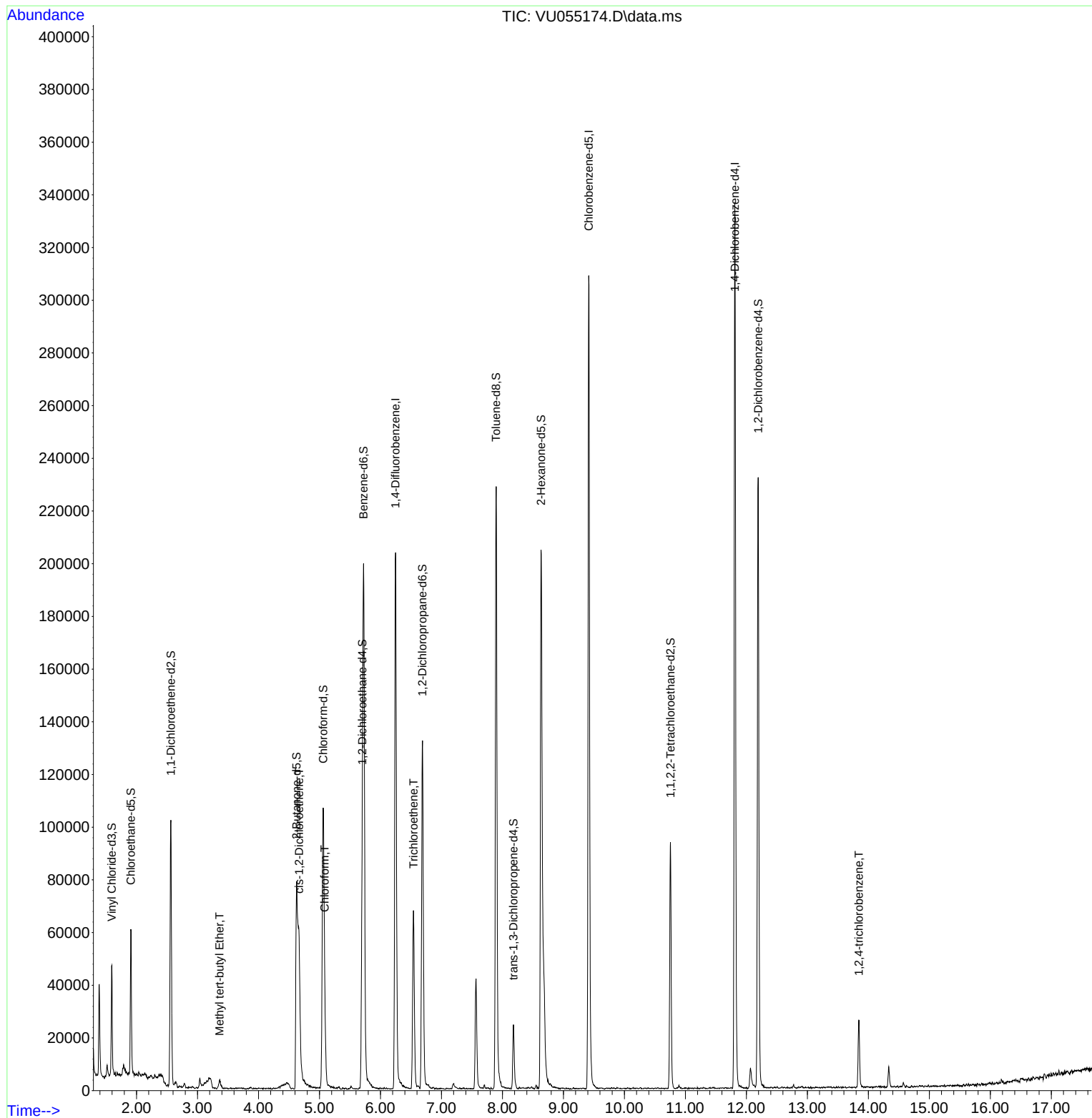
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	160148	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	165552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	84731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	29082	3.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.907	69	37596	4.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.563	65	18241	4.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.624	46	121491	55.777	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.560%
24) Chloroform-d	5.062	84	95548	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.701	65	51695	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.724	84	184771	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.689	67	64601	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.898	98	158762	4.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.180	79	14294	3.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.634	63	66450	45.728	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.460%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	47131	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	58412	4.723	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
17) Methyl tert-butyl Ether	3.361	73	3388	0.174	ug/L	# 74
22) cis-1,2-Dichloroethene	4.666	96	21577	2.347	ug/L	94
25) Chloroform	5.084	83	18981	1.123	ug/L	92
34) Trichloroethene	6.544	95	23213	2.371	ug/L	95
70) 1,2,4-trichlorobenzene	13.846	180	8272	0.615	ug/L	94

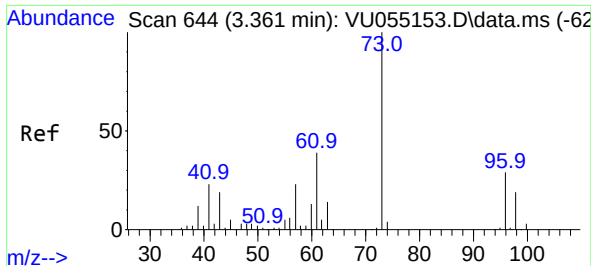
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
Data File : VU055174.D
Acq On : 07 Sep 2023 05:24
Operator : MD/SY
Sample : 04267-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4D6

Quant Time: Sep 07 15:40:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration

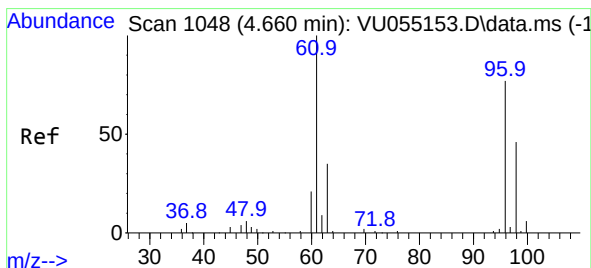
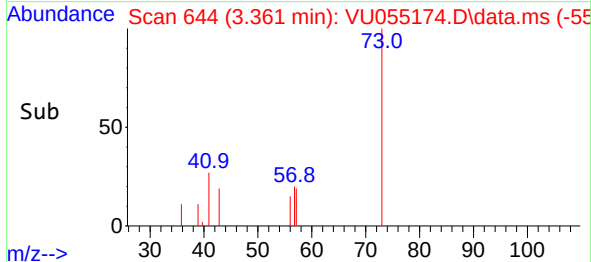
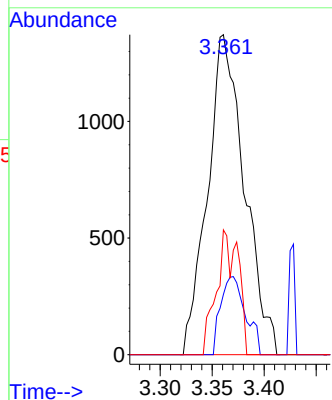
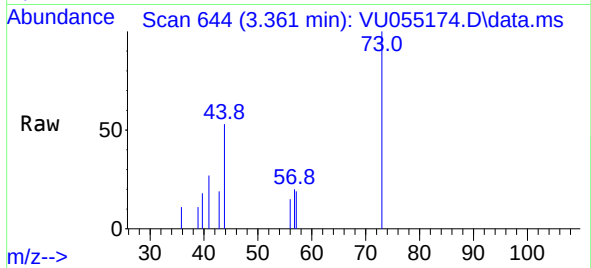




#17
Methyl tert-butyl Ether
Concen: 0.174 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055174.D
Acq: 07 Sep 2023 05:24

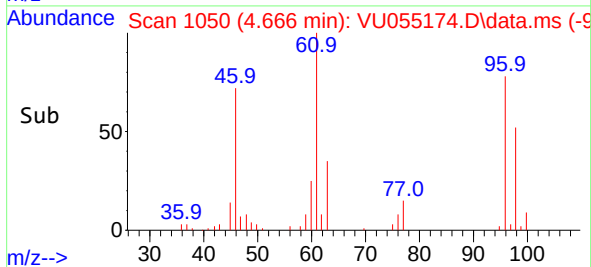
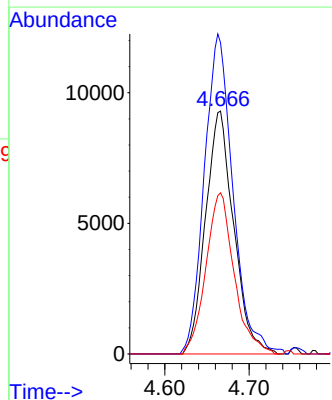
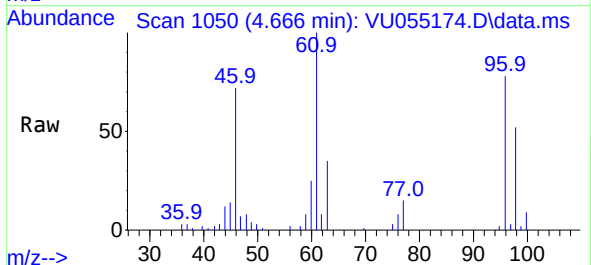
Instrument :
MSVOA_U
ClientSampleId :
BH4D6

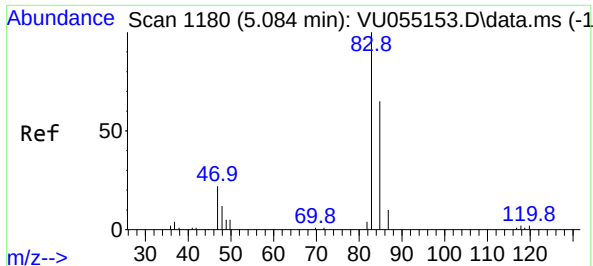
Tgt Ion: 73 Resp: 3388
Ion Ratio Lower Upper
73 100
43 3.1 16.2 24.2#
57 14.3 17.4 26.2#



#22
cis-1,2-Dichloroethene
Concen: 2.347 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055174.D
Acq: 07 Sep 2023 05:24

Tgt Ion: 96 Resp: 21577
Ion Ratio Lower Upper
96 100
61 128.2 97.2 180.4
98 66.4 46.1 85.7

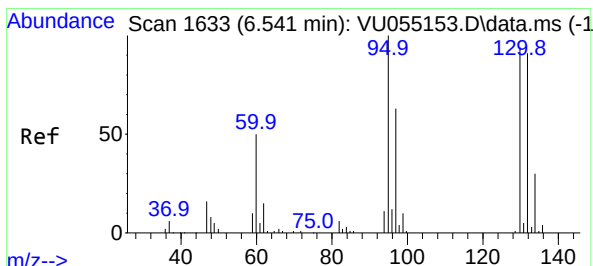
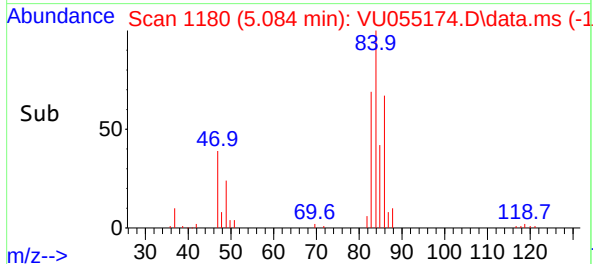
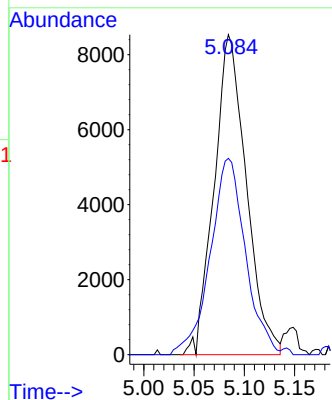
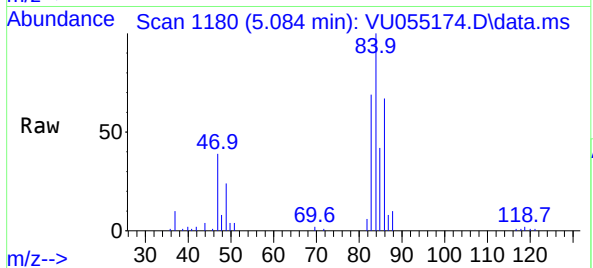




#25
Chloroform
Concen: 1.123 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VU055174.D
Acq: 07 Sep 2023 05:24

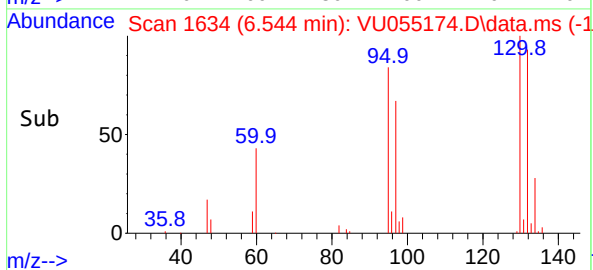
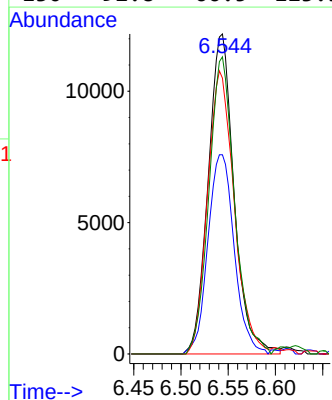
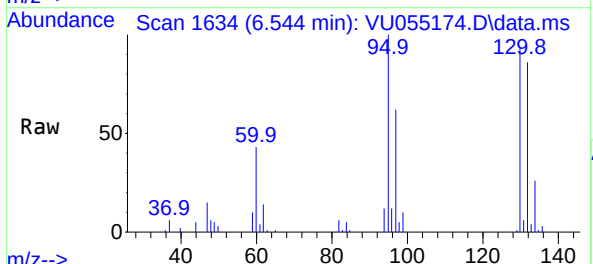
Instrument :
MSVOA_U
ClientSampleId :
BH4D6

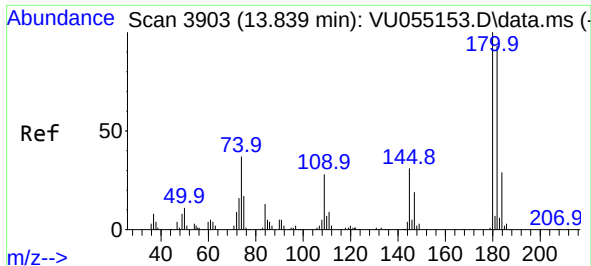
Tgt Ion: 83 Resp: 18981
Ion Ratio Lower Upper
83 100
85 61.4 47.2 87.6



#34
Trichloroethene
Concen: 2.371 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VU055174.D
Acq: 07 Sep 2023 05:24

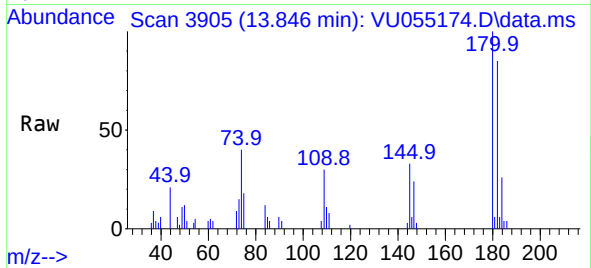
Tgt Ion: 95 Resp: 23213
Ion Ratio Lower Upper
95 100
97 62.3 44.7 83.1
132 86.2 66.6 123.6
130 92.8 66.5 123.5





#70
 1,2,4-trichlorobenzene
 Concen: 0.615 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.007 min
 Lab File: VU055174.D
 Acq: 07 Sep 2023 05:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D6



Tgt Ion:	180	Resp:	8272
Ion	Ratio	Lower	Upper
180	100		
182	85.8	73.6	110.4
145	34.2	25.8	38.8

