

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055159.D
 Acq On : 06 Sep 2023 23:21
 Operator : MD/SY
 Sample : 04286-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4F8

Quant Time: Sep 07 02:28:07 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)

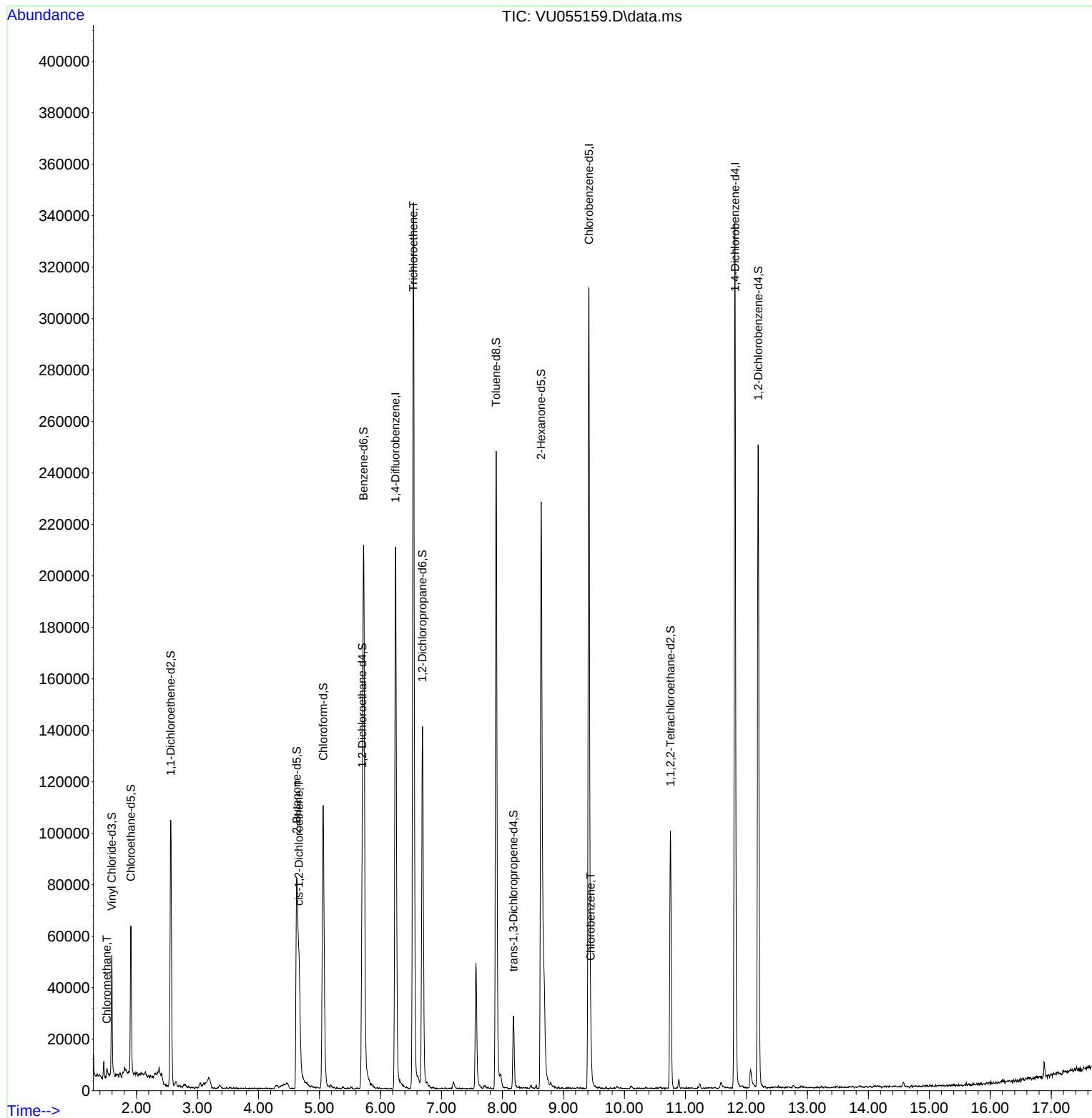
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167188	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	168549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	84107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30622	3.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.907	69	39057	4.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	20171	4.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.627	46	131454	57.810	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.620%
24) Chloroform-d	5.061	84	101169	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.701	65	53451	5.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.724	84	193637	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.688	67	64722	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.897	98	163107	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.180	79	15304	4.200	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.634	63	73481	49.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.340%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	49649	5.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	61748	5.030	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2431	0.246	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	16697	1.739	ug/L	89
34) Trichloroethene	6.541	95	115010	11.536	ug/L	97
51) Chlorobenzene	9.447	112	6090	0.240	ug/L	98

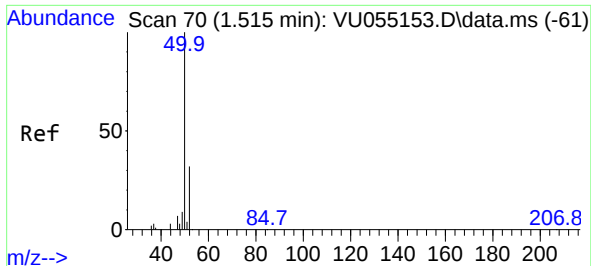
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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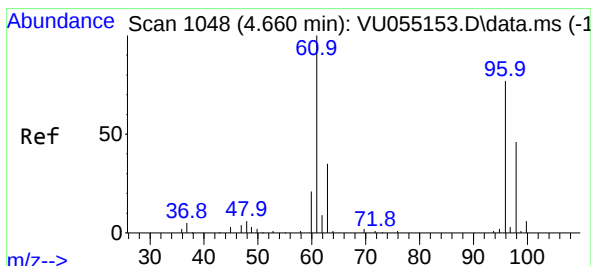
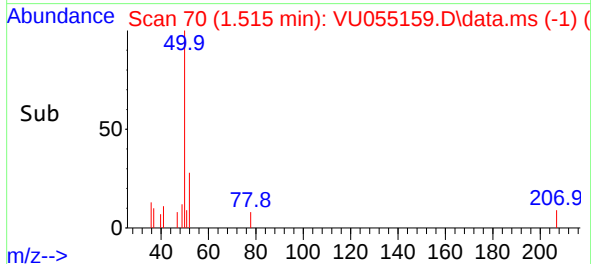
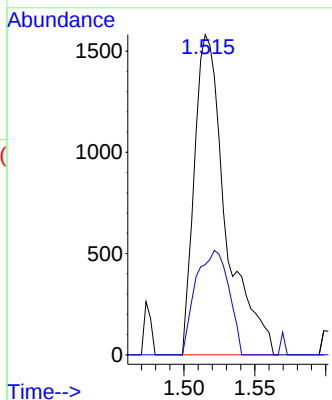
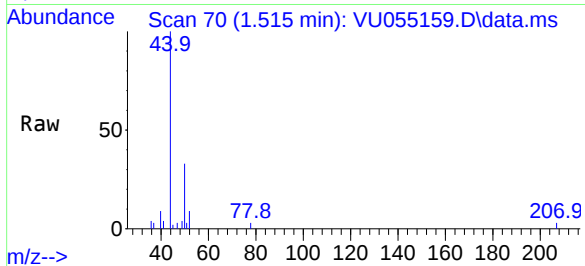




#3
Chloromethane
Concen: 0.246 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU055159.D
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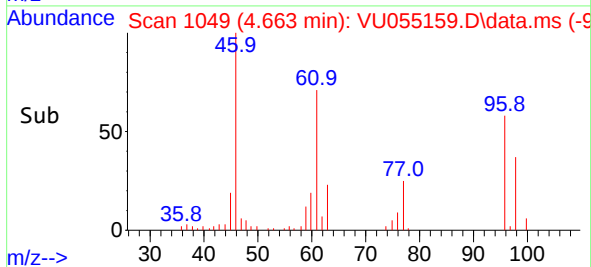
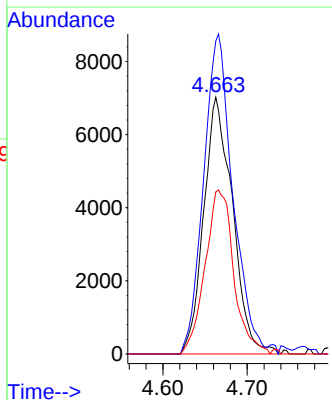
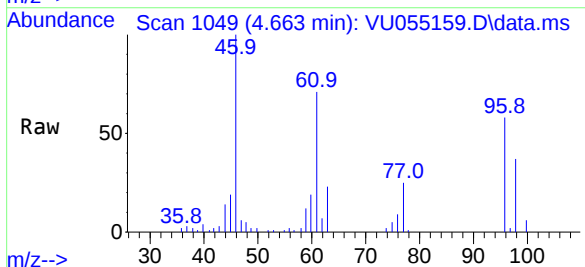
Instrument :
MSVOA_U
ClientSampleId :
BH4F8

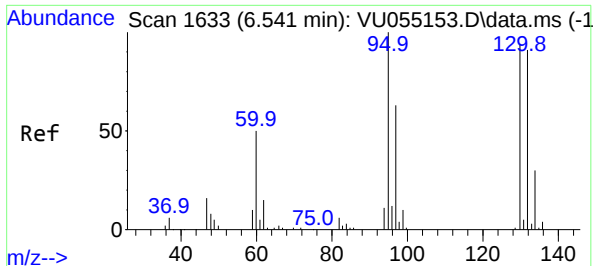
Tgt Ion: 50 Resp: 2431
Ion Ratio Lower Upper
50 100
52 28.1 22.5 41.7



#22
cis-1,2-Dichloroethene
Concen: 1.739 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055159.D
Acq: 06 Sep 2023 23:21

Tgt Ion: 96 Resp: 16697
Ion Ratio Lower Upper
96 100
61 121.9 97.2 180.4
98 63.2 46.1 85.7

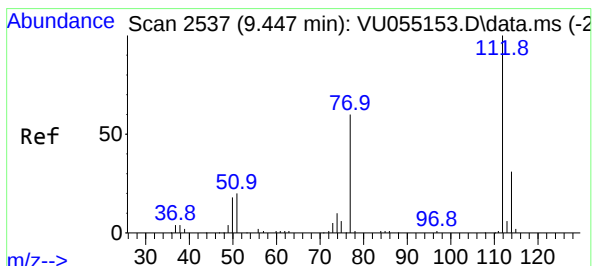
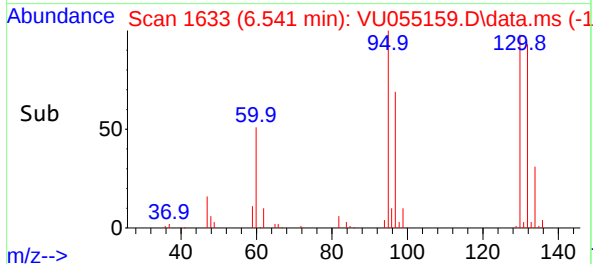
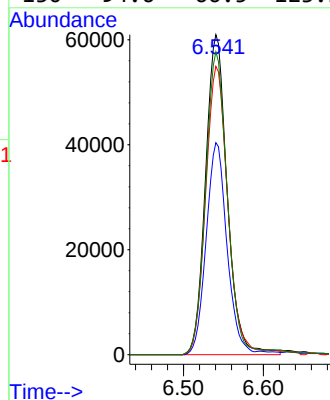
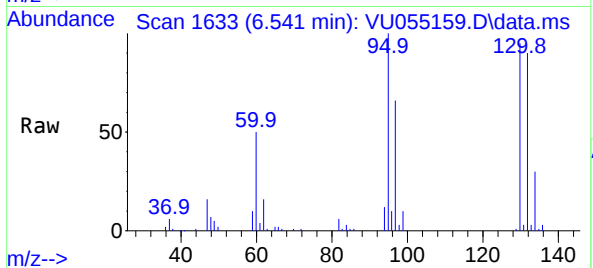




#34
Trichloroethene
Concen: 11.536 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
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ClientSampleId :
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Tgt Ion: 95 Resp: 115010
Ion Ratio Lower Upper
95 100
97 66.3 44.7 83.1
132 90.1 66.6 123.6
130 94.6 66.5 123.5



#51
Chlorobenzene
Concen: 0.240 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. -0.000 min
Lab File: VU055159.D
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Tgt Ion: 112 Resp: 6090
Ion Ratio Lower Upper
112 100
114 33.9 21.7 40.3
77 61.0 48.6 72.8

