

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055599.D
 Acq On : 02 Oct 2023 12:41
 Operator : MD/SY
 Sample : 04692-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCJH7

Quant Time: Oct 02 13:31:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

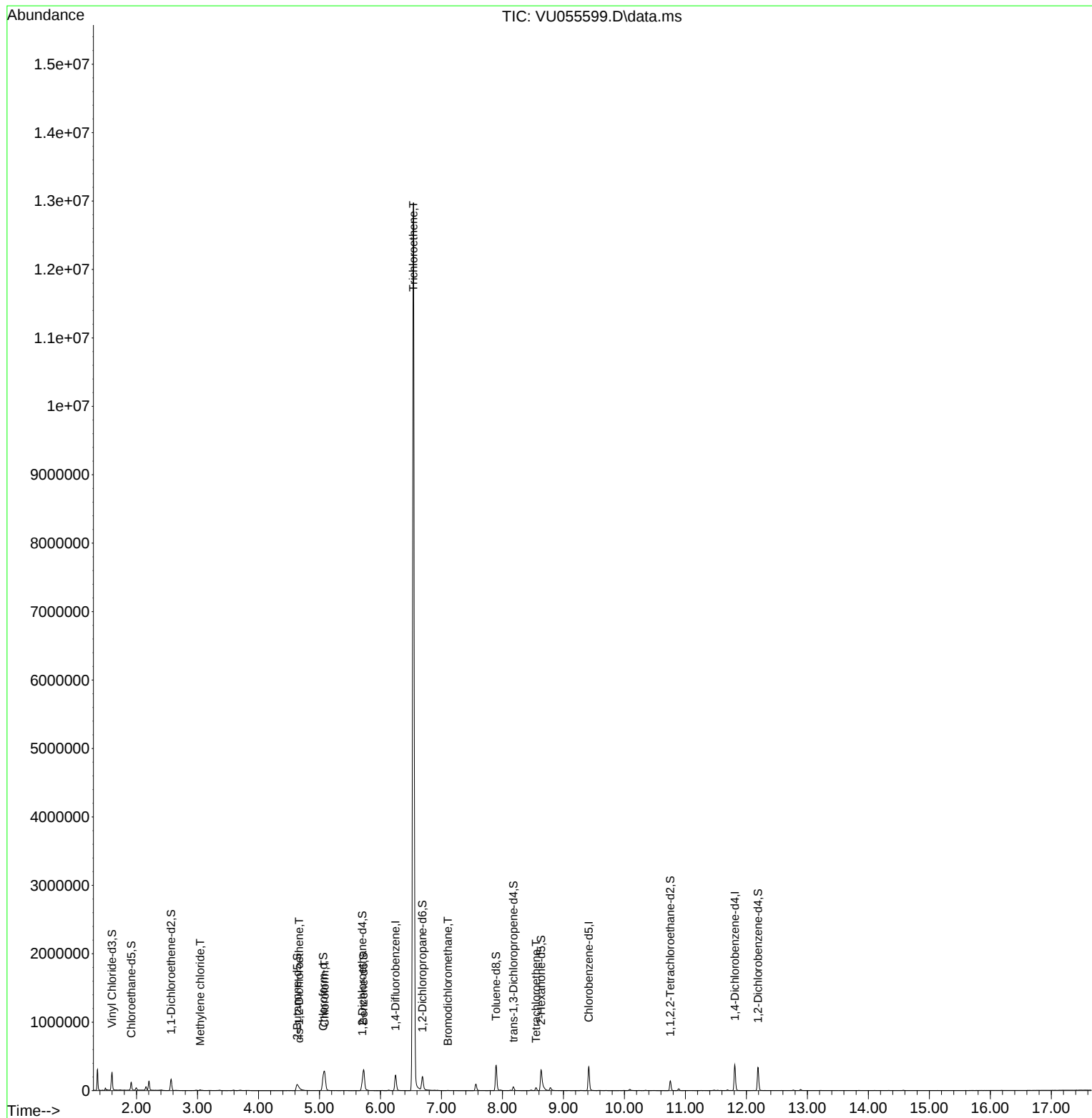
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	185592	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	198409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	99482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	77614	4.138	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.914	69	72980	4.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.566	65	30667	3.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.634	46	169845	50.130	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.260%
24) Chloroform-d	5.062	84	164481	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.701	65	75524	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.724	84	297015	4.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.688	67	92543	4.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.897	98	255640	4.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.180	79	33207	4.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.634	63	98768	44.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.240%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	72609	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	89571	4.461	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	5104	0.328	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	3400	0.224	ug/L	87
25) Chloroform	5.084	83	209375	8.175	ug/L	100
34) Trichloroethene	6.541	95	4400898	272.446	ug/L	97
38) Bromodichloromethane	7.106	83	2705	0.155	ug/L #	81
47) Tetrachloroethene	8.553	164	8986	0.775	ug/L	97

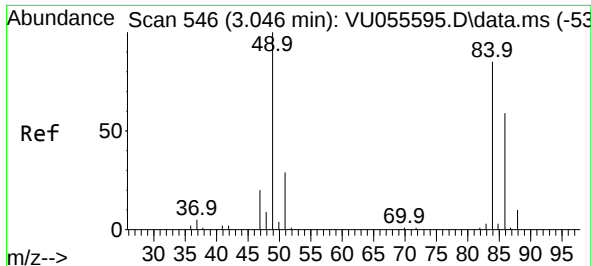
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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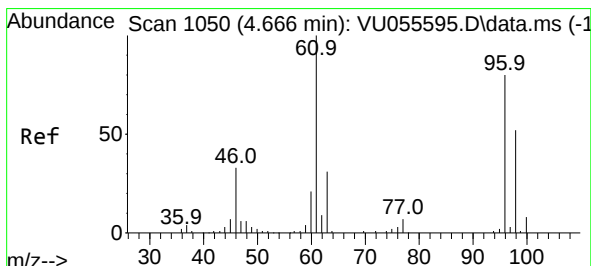
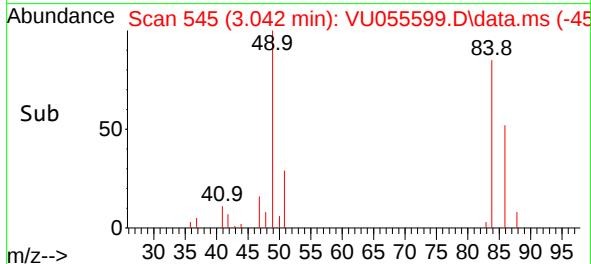
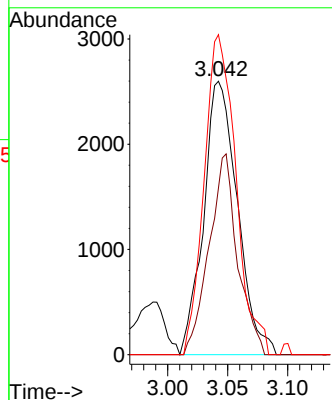
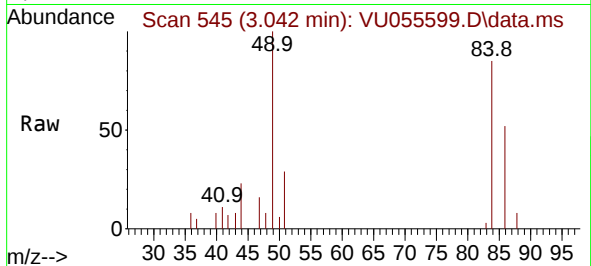




#16
Methylene chloride
Concen: 0.328 ug/L
RT: 3.042 min Scan# 546
Delta R.T. -0.000 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

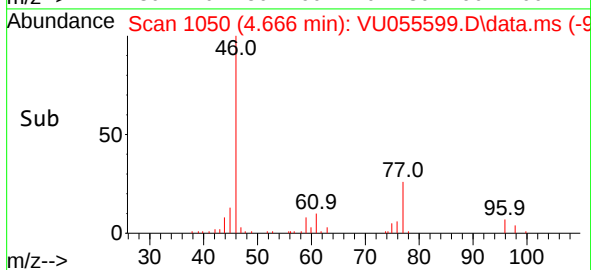
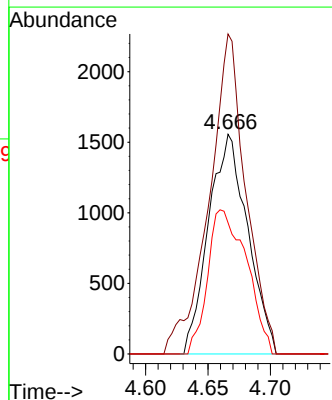
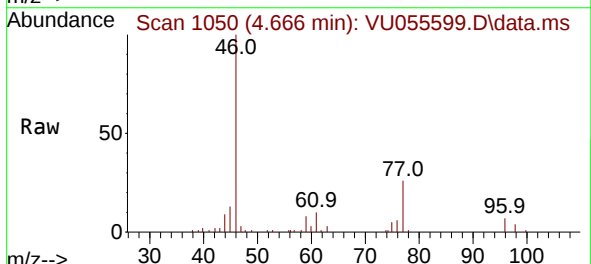
Instrument :
MSVOA_U
ClientSampleId :
DCJH7

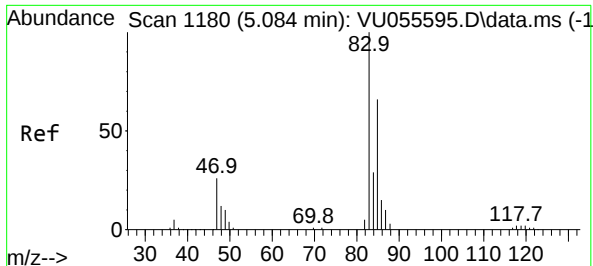
Tgt Ion: 84 Resp: 5104
Ion Ratio Lower Upper
84 100
86 60.9 44.9 83.3
49 117.1 78.8 146.3



#22
cis-1,2-Dichloroethene
Concen: 0.224 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

Tgt Ion: 96 Resp: 3400
Ion Ratio Lower Upper
96 100
61 145.7 87.8 163.2
98 59.8 44.4 82.4





#25

Chloroform

Concen: 8.175 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055599.D

Acq: 02 Oct 2023 12:41

Instrument :

MSVOA_U

ClientSampleId :

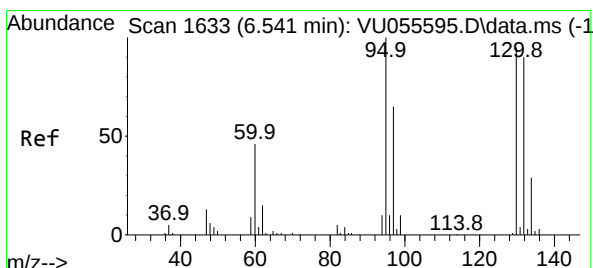
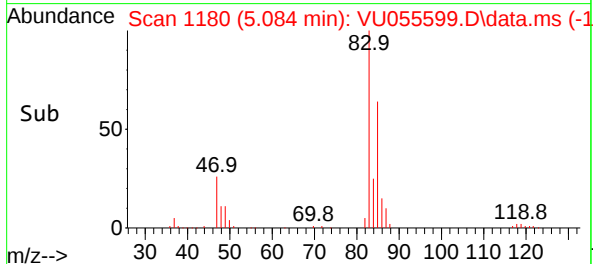
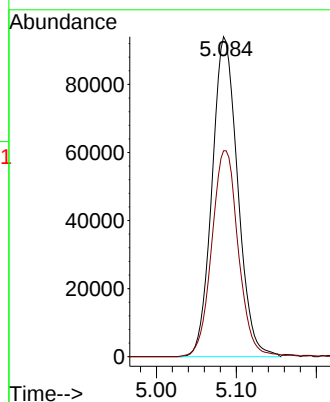
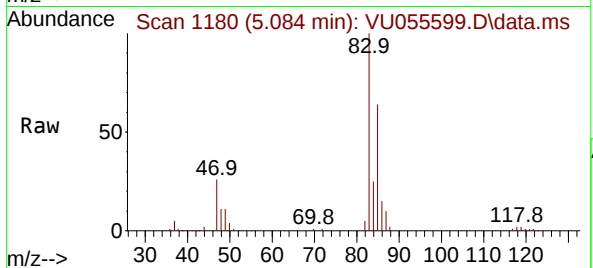
DCJH7

Tgt Ion: 83 Resp: 209375

Ion Ratio Lower Upper

83 100

85 64.3 44.9 83.5



#34

Trichloroethene

Concen: 272.446 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU055599.D

Acq: 02 Oct 2023 12:41

Tgt Ion: 95 Resp: 4400898

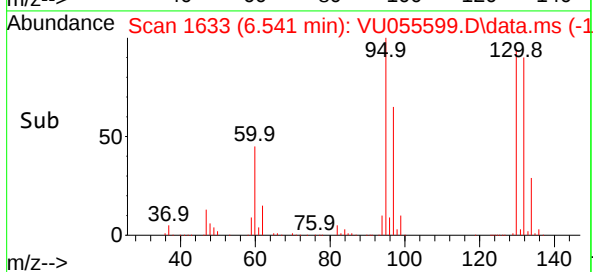
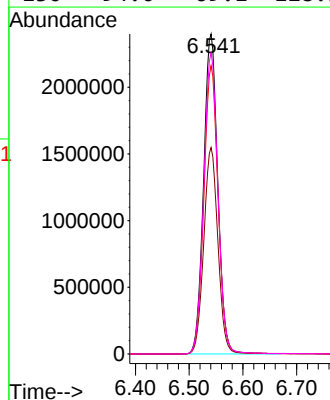
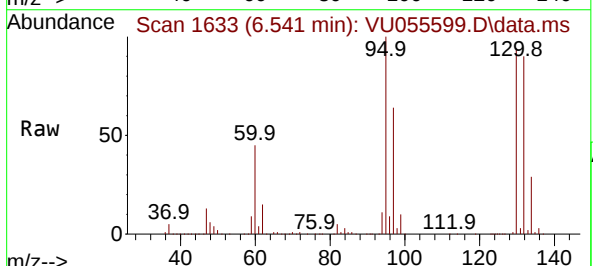
Ion Ratio Lower Upper

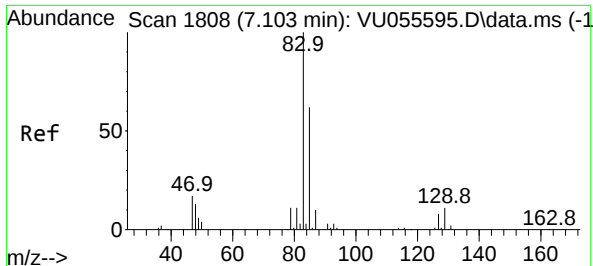
95 100

97 64.5 45.4 84.2

132 90.1 65.2 121.2

130 94.0 69.1 128.3





#38

Bromodichloromethane

Concen: 0.155 ug/L

RT: 7.106 min Scan# 1809

Delta R.T. 0.003 min

Lab File: VU055599.D

Acq: 02 Oct 2023 12:41

Instrument :

MSVOA_U

ClientSampleId :

DCJH7

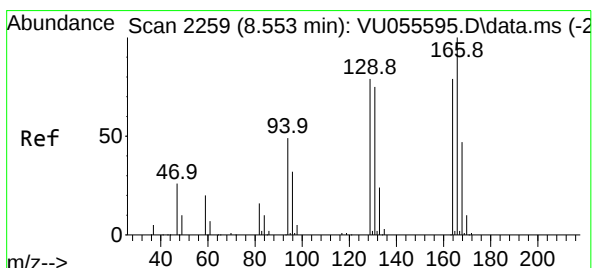
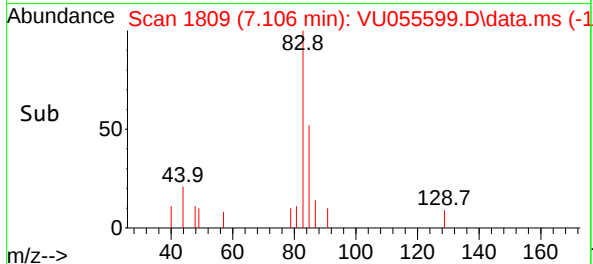
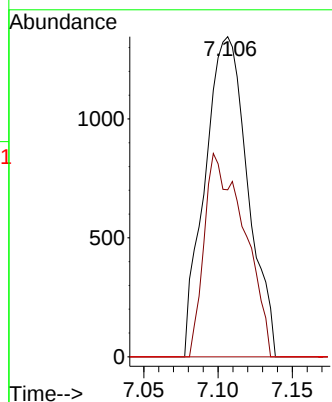
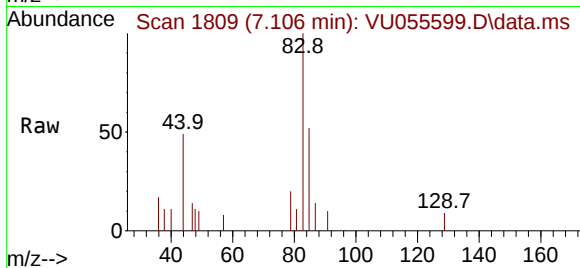
Tgt Ion: 83 Resp: 2705

Ion Ratio Lower Upper

83 100

85 52.2 46.8 86.8

127 0.0 7.2 10.8#



#47

Tetrachloroethene

Concen: 0.775 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU055599.D

Acq: 02 Oct 2023 12:41

Tgt Ion:164 Resp: 8986

Ion Ratio Lower Upper

164 100

129 97.9 67.4 125.2

131 91.7 66.4 123.2

166 123.7 88.8 165.0

