

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056807.D
 Acq On : 13 Dec 2023 00:59
 Operator : MD/SY
 Sample : 05675-12DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB5DL

Quant Time: Dec 13 04:59:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

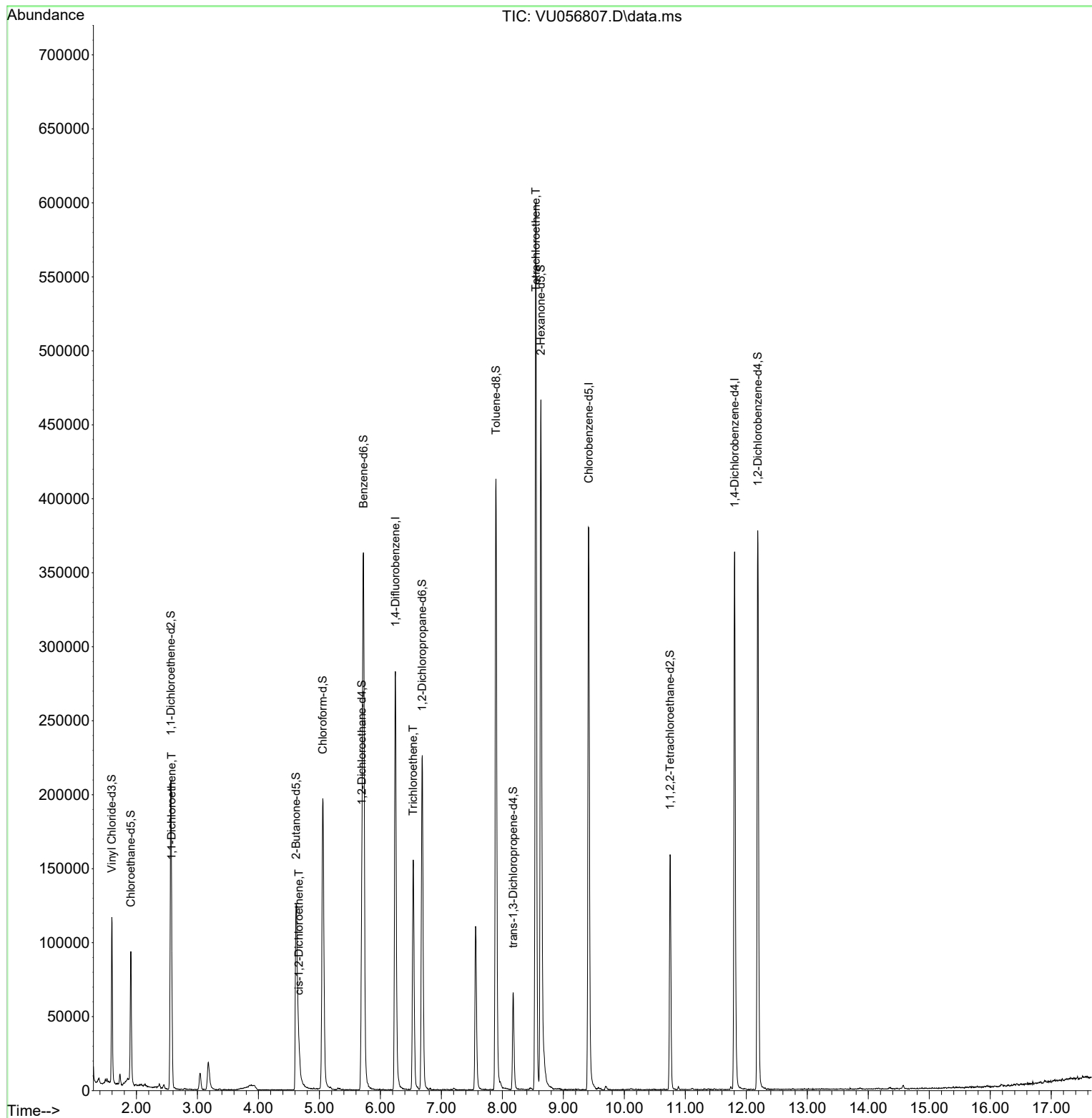
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	231906	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	229702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81946	4.122	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.400%	
7) Chloroethane-d5	1.907	69	67229	4.520	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.563	65	37306	4.386	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	4.618	46	199004	50.693	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.380%	
24) Chloroform-d	5.055	84	188153	4.998	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	5.695	65	92946	5.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
32) Benzene-d6	5.721	84	352817	4.952	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.685	67	111589	5.004	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.894	98	291159	4.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
43) trans-1,3-Dichloroprop...	8.177	79	40119	4.639	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.800%	
46) 2-Hexanone-d5	8.631	63	161198	49.422	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.840%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	80160	4.968	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	99094	5.118	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	13177	0.700	ug/L	# 1
22) cis-1,2-Dichloroethene	4.663	96	5495	0.265	ug/L	91
34) Trichloroethene	6.538	95	56032	2.530	ug/L	98
47) Tetrachloroethene	8.547	164	128013	8.260	ug/L	97

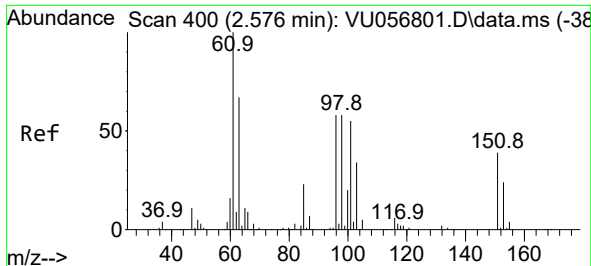
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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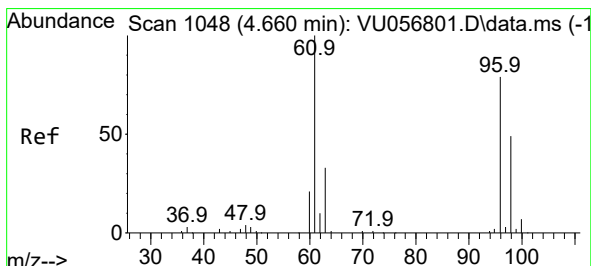
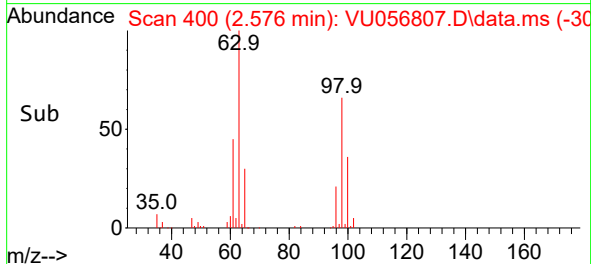
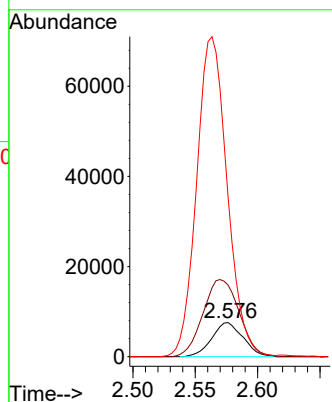
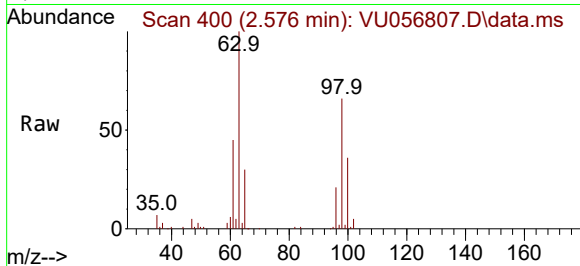




#12
 1,1-Dichloroethene
 Concen: 0.700 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056807.D
 Acq: 13 Dec 2023 00:59

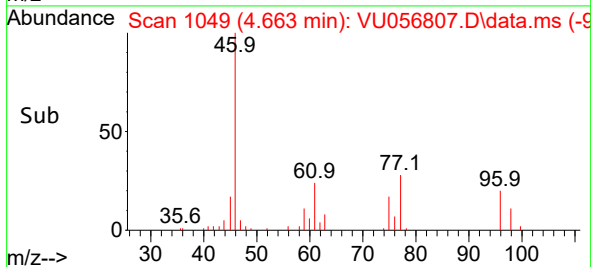
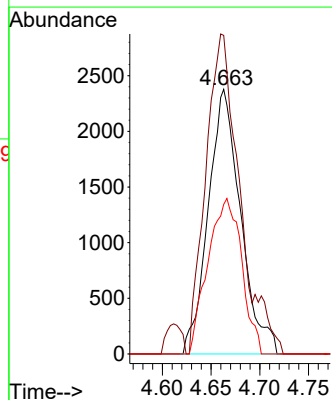
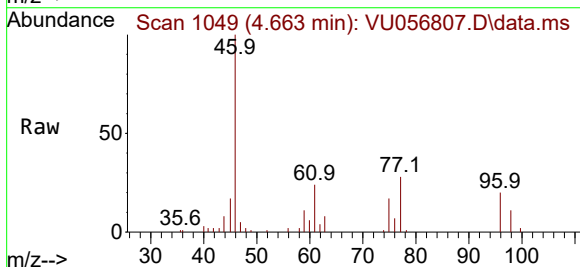
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB5DL

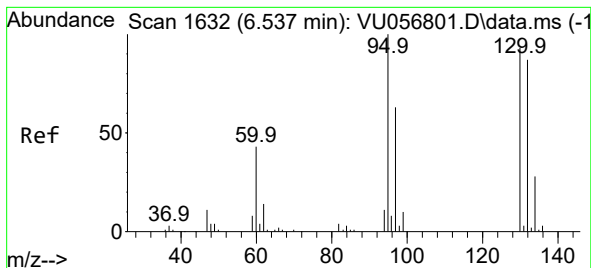
Tgt Ion: 96 Resp: 13177
 Ion Ratio Lower Upper
 96 100
 61 210.6 119.0 221.0
 63 471.0 88.7 164.7#



#22
 cis-1,2-Dichloroethene
 Concen: 0.265 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU056807.D
 Acq: 13 Dec 2023 00:59

Tgt Ion: 96 Resp: 5495
 Ion Ratio Lower Upper
 96 100
 61 120.4 91.3 169.6
 98 56.5 44.2 82.0





#34

Trichloroethene

Concen: 2.530 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056807.D

Acq: 13 Dec 2023 00:59

Instrument :

MSVOA_U

ClientSampleId :

H0AB5DL

Tgt Ion: 95 Resp: 56032

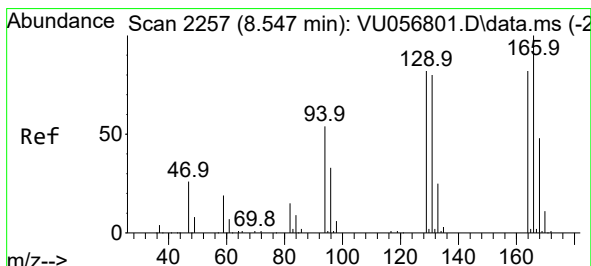
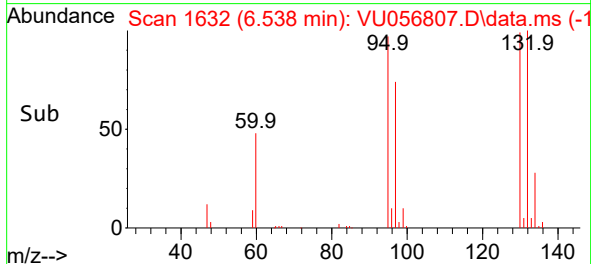
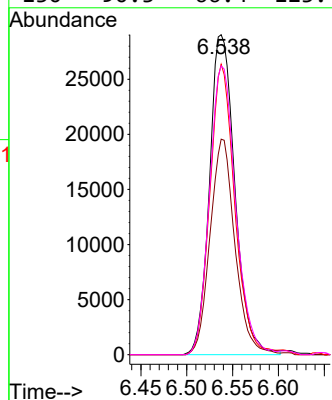
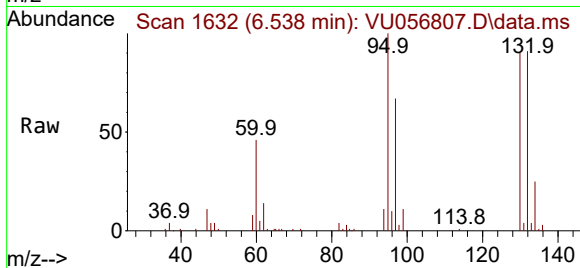
Ion Ratio Lower Upper

95 100

97 67.3 46.1 85.5

132 90.8 63.6 118.0

130 90.3 66.4 123.4



#47

Tetrachloroethene

Concen: 8.260 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU056807.D

Acq: 13 Dec 2023 00:59

Tgt Ion: 164 Resp: 128013

Ion Ratio Lower Upper

164 100

129 101.2 73.4 136.4

131 100.9 71.5 132.9

166 127.4 92.7 172.1

