

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055898.D
 Acq On : 26 Oct 2023 11:54
 Operator : MD/SY
 Sample : 04946-02DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 02:50:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 27 02:48:43 2023
 Response via : Initial Calibration

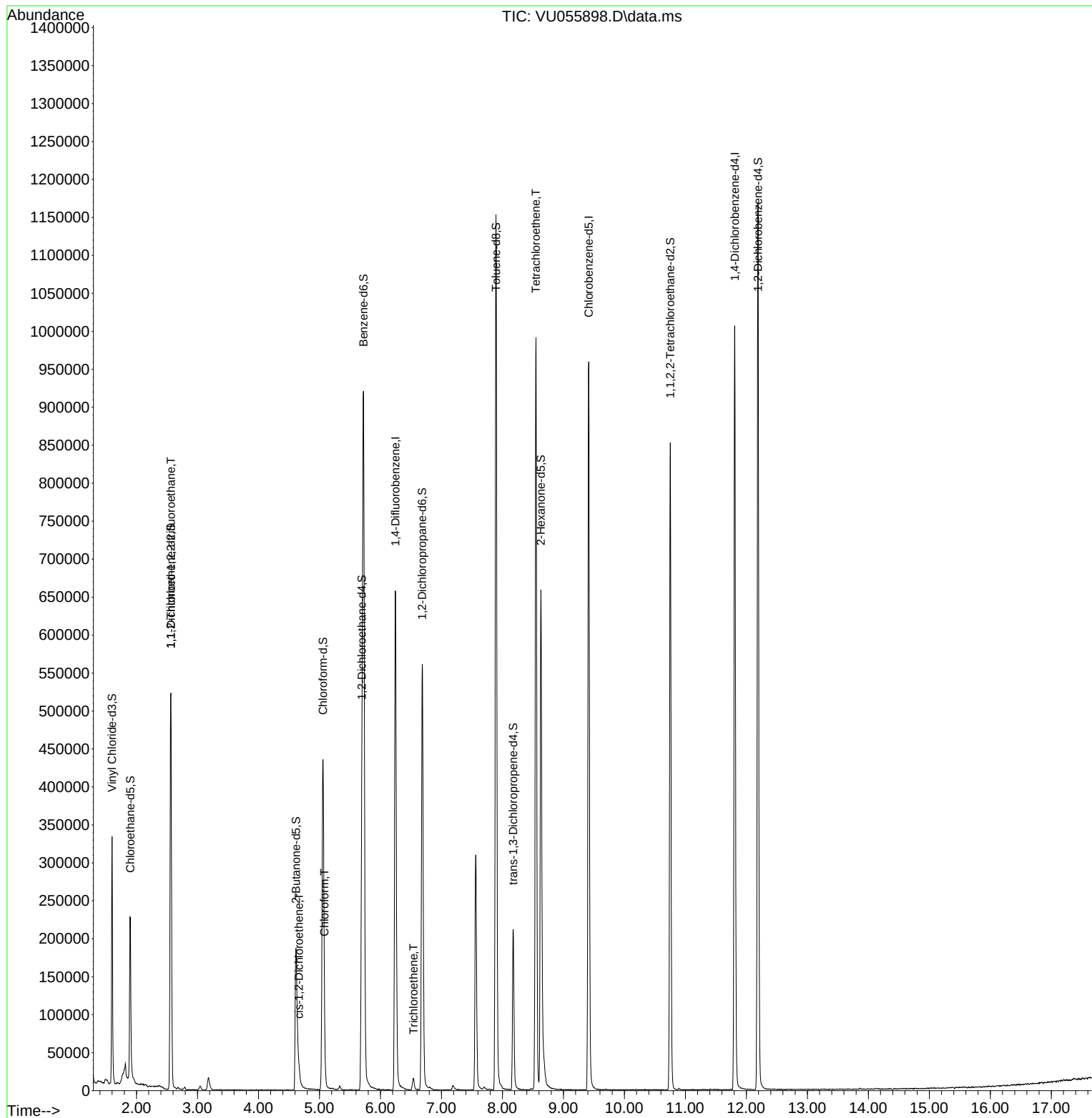
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	553017	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	544965	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	276511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	231646	46.699	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	93.400%	
7) Chloroethane-d5	1.898	69	188308	46.442	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.880%	
11) 1,1-Dichloroethene-d2	2.563	63	319508	36.125	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.240%	
21) 2-Butanone-d5	4.615	46	287541	78.231	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	78.230%	
24) Chloroform-d	5.058	84	420074	44.175	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.340%	
26) 1,2-Dichloroethane-d4	5.695	65	271603	46.402	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.800%	
32) Benzene-d6	5.721	84	897543	51.475	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.960%	
36) 1,2-Dichloropropane-d6	6.685	67	280023	50.729	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.460%	
41) Toluene-d8	7.894	98	789626	50.152	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.300%	
43) trans-1,3-Dichloroprop...	8.177	79	124883	47.097	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	94.200%	
47) 2-Hexanone-d5	8.631	63	241808	111.429	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	111.430%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	423153	49.802	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	307295	56.002	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.000%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	3087	0.701	ug/L #	20
20) cis-1,2-Dichloroethene	4.663	96	6727	1.470	ug/L	80
25) Chloroform	5.081	83	14225	1.656	ug/L	89
34) Trichloroethene	6.544	95	4650	0.987	ug/L	92
46) Tetrachloroethene	8.550	164	221543	65.647	ug/L	98

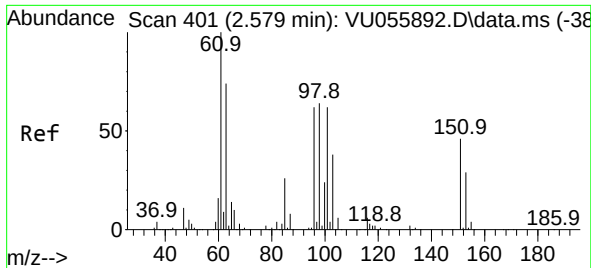
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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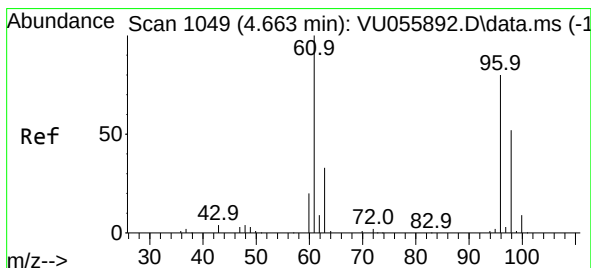
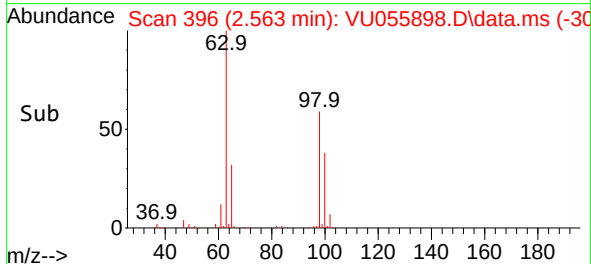
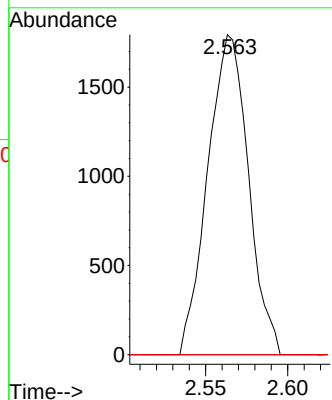
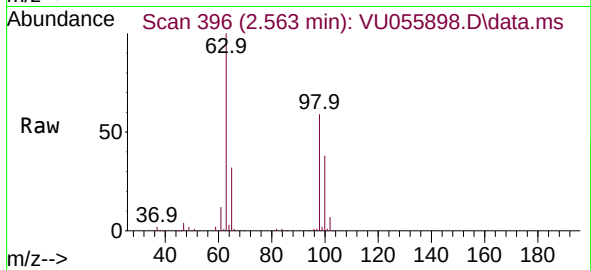




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.701 ug/L
 RT: 2.563 min Scan# 396
 Delta R.T. -0.016 min
 Lab File: VU055898.D
 Acq: 26 Oct 2023 11:54

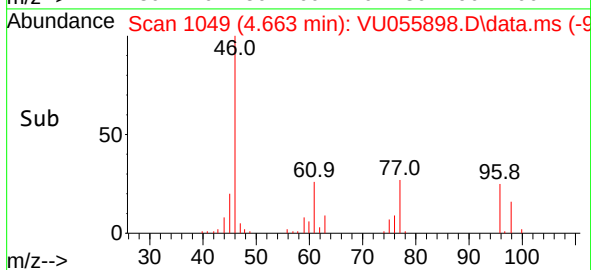
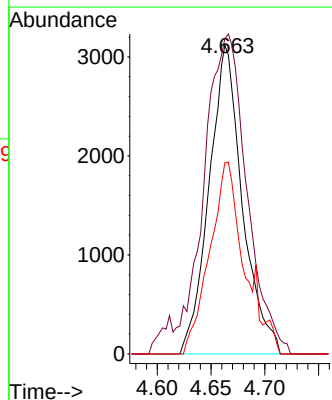
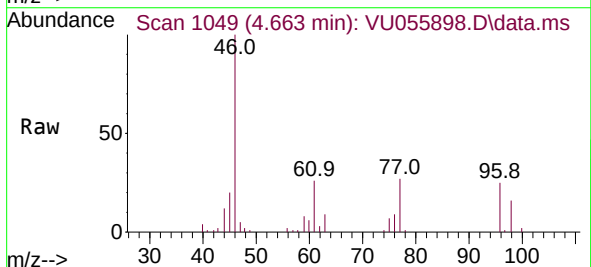
Instrument :
 MSVOA_U
 ClientSampleId :

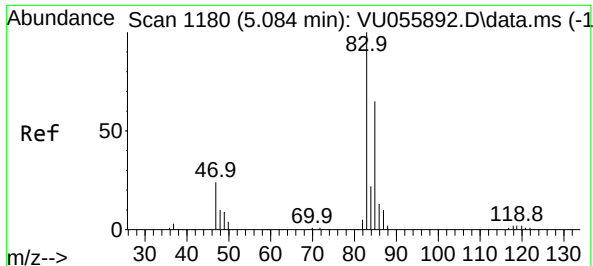
Tgt Ion:101 Resp: 3087
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.1 55.7#
 151 0.0 58.2 87.4#



#20
 cis-1,2-Dichloroethene
 Concen: 1.470 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055898.D
 Acq: 26 Oct 2023 11:54

Tgt Ion: 96 Resp: 6727
 Ion Ratio Lower Upper
 96 100
 61 98.6 92.3 171.5
 98 59.8 43.9 81.5





#25

Chloroform

Concen: 1.656 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055898.D

Acq: 26 Oct 2023 11:54

Instrument :

MSVOA_U

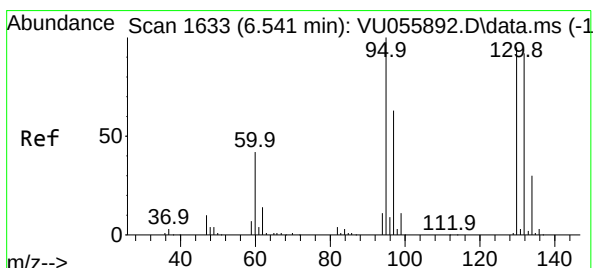
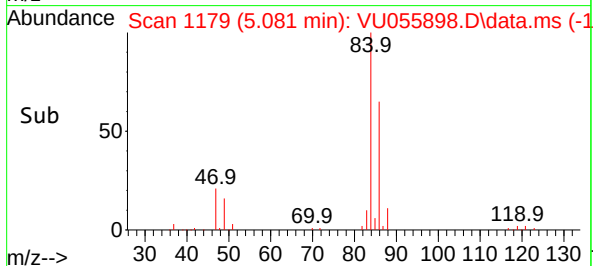
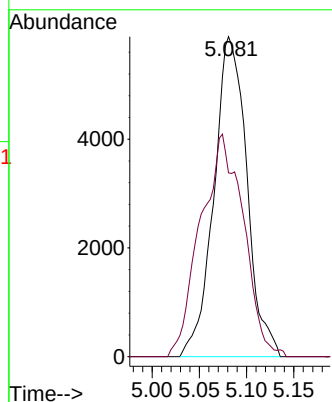
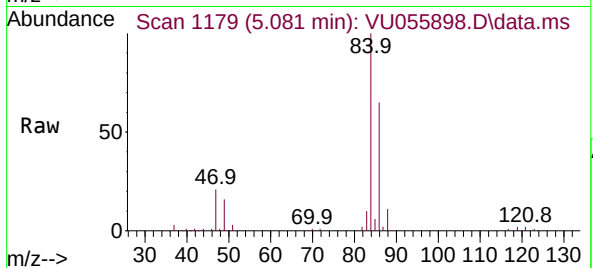
ClientSampleId :

Tgt Ion: 83 Resp: 14225

Ion Ratio Lower Upper

83 100

85 57.5 46.3 86.1



#34

Trichloroethene

Concen: 0.987 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VU055898.D

Acq: 26 Oct 2023 11:54

Tgt Ion: 95 Resp: 4650

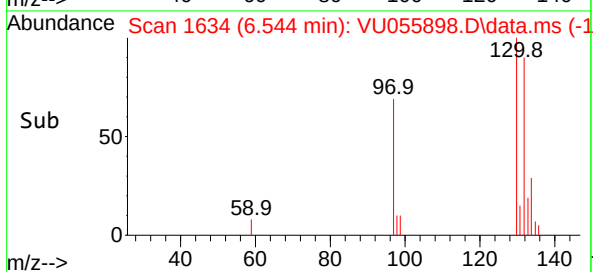
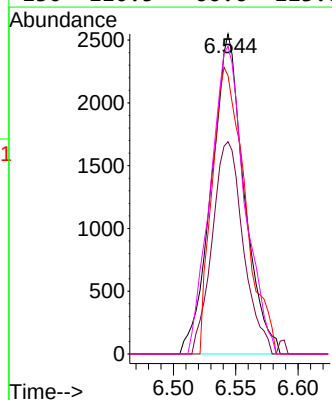
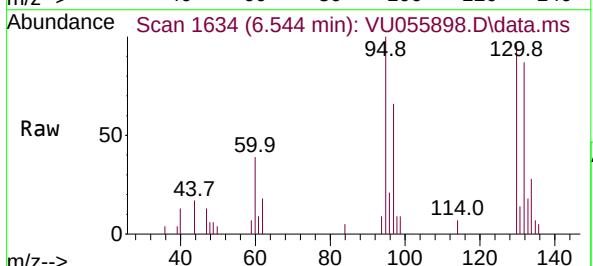
Ion Ratio Lower Upper

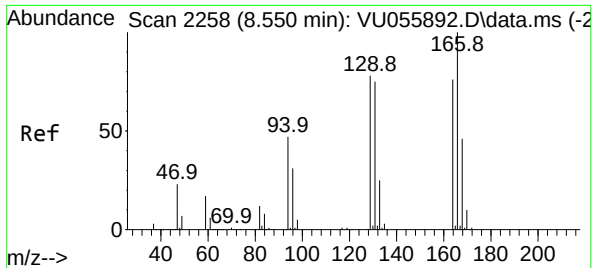
95 100

97 66.3 44.4 82.5

132 86.9 61.8 114.8

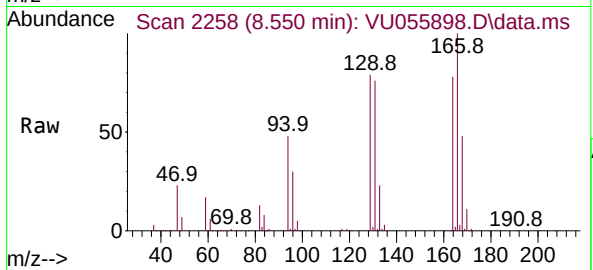
130 110.5 66.6 123.8





#46
 Tetrachloroethene
 Concen: 65.647 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU055898.D
 Acq: 26 Oct 2023 11:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:164 Resp: 221543

Ion	Ratio	Lower	Upper
164	100		
129	101.3	70.7	131.3
131	96.7	65.9	122.5
166	127.5	87.8	163.0

