

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055899.D
 Acq On : 26 Oct 2023 12:18
 Operator : MD/SY
 Sample : 04946-04DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 02:50:40 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)

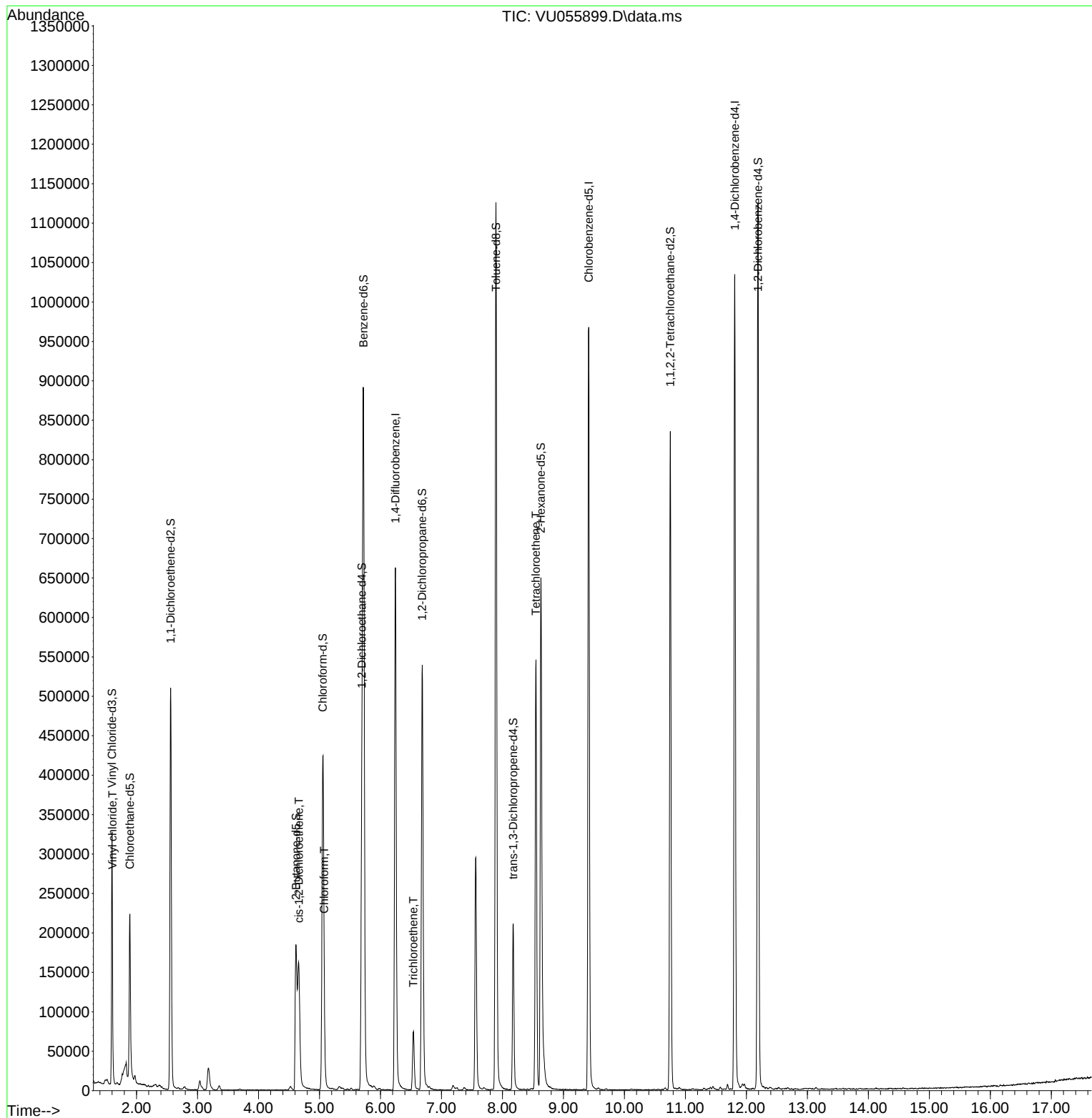
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	560563	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	552931	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	282191	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	226325	45.012	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.020%
7) Chloroethane-d5	1.891	69	186028	45.262	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.520%
11) 1,1-Dichloroethene-d2	2.560	63	305029	34.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.040%
21) 2-Butanone-d5	4.615	46	275786	74.023	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.020%
24) Chloroform-d	5.055	84	408963	42.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.860%
26) 1,2-Dichloroethane-d4	5.695	65	263678	44.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.880%
32) Benzene-d6	5.721	84	862609	48.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
36) 1,2-Dichloropropane-d6	6.685	67	267499	47.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	7.894	98	757418	47.414	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.820%
43) trans-1,3-Dichloroprop...	8.177	79	123603	45.942	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.880%
47) 2-Hexanone-d5	8.631	63	243913	110.780	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.780%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	421961	48.947	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.900%
66) 1,2-Dichlorobenzene-d4	12.190	152	308580	55.104	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	7603	1.564	ug/L	# 50
20) cis-1,2-Dichloroethene	4.663	96	75839	16.352	ug/L	98
25) Chloroform	5.078	83	6600	0.758	ug/L	84
34) Trichloroethene	6.541	95	26656	5.574	ug/L	98
46) Tetrachloroethene	8.550	164	120722	35.257	ug/L	96

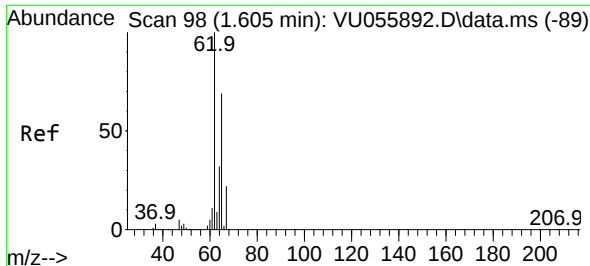
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 27 02:48:43 2023
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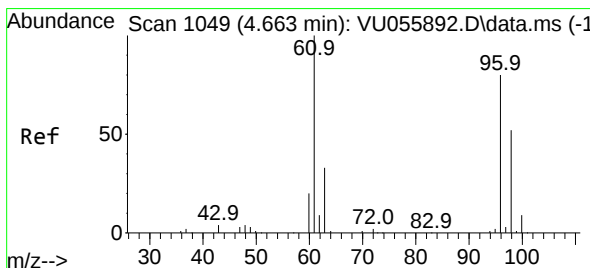
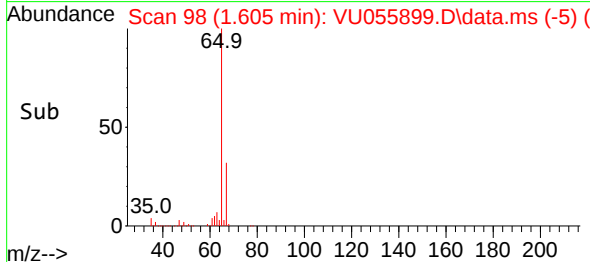
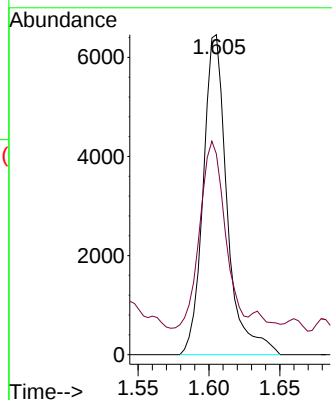
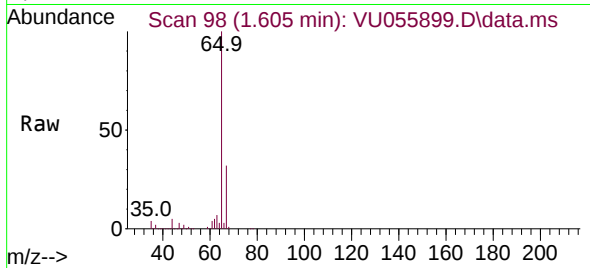




#5
 Vinyl chloride
 Concen: 1.564 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VU055899.D
 Acq: 26 Oct 2023 12:18

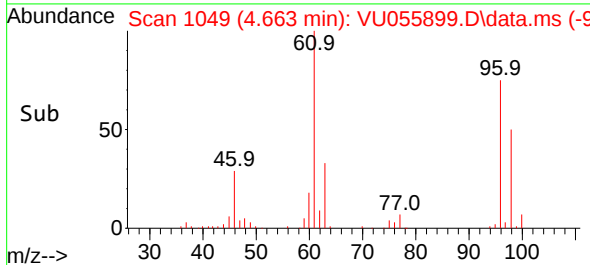
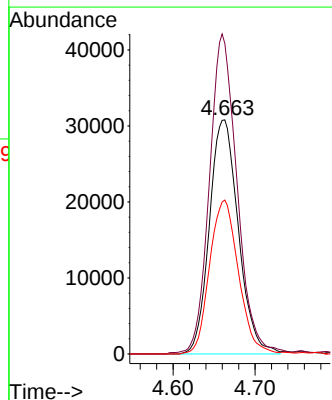
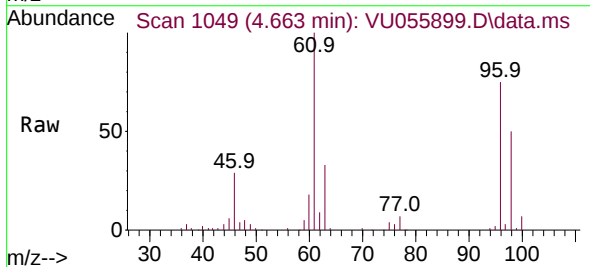
Instrument :
 MSVOA_U
 ClientSampleId :

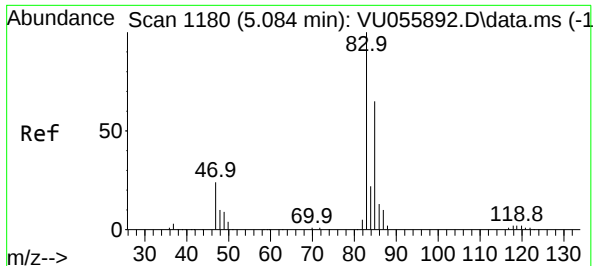
Tgt Ion: 62 Resp: 7603
 Ion Ratio Lower Upper
 62 100
 64 62.8 23.9 44.5#



#20
 cis-1,2-Dichloroethene
 Concen: 16.352 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055899.D
 Acq: 26 Oct 2023 12:18

Tgt Ion: 96 Resp: 75839
 Ion Ratio Lower Upper
 96 100
 61 132.6 92.3 171.5
 98 65.7 43.9 81.5





#25

Chloroform

Concen: 0.758 ug/L

RT: 5.078 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU055899.D

Acq: 26 Oct 2023 12:18

Instrument :

MSVOA_U

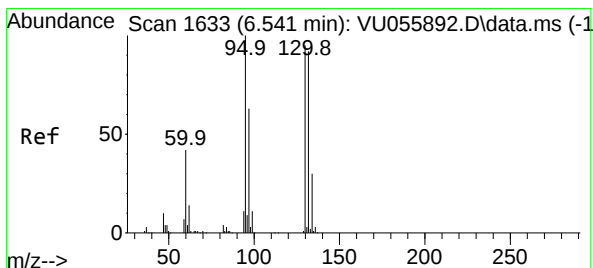
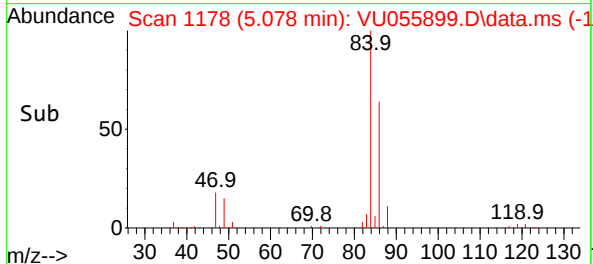
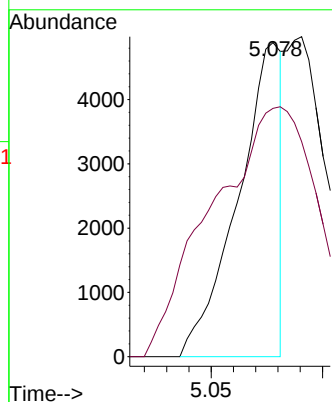
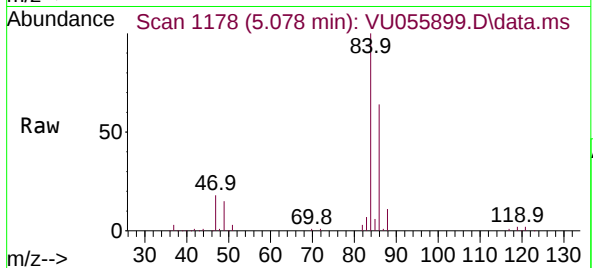
ClientSampleId :

Tgt Ion: 83 Resp: 6600

Ion Ratio Lower Upper

83 100

85 79.0 46.3 86.1



#34

Trichloroethene

Concen: 5.574 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055899.D

Acq: 26 Oct 2023 12:18

Tgt Ion: 95 Resp: 26656

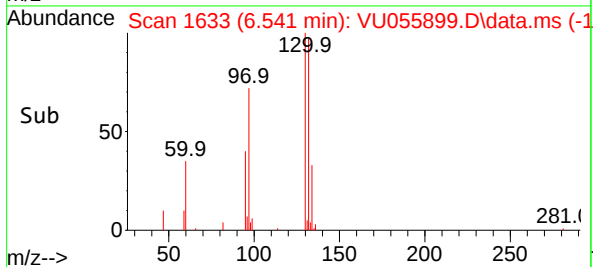
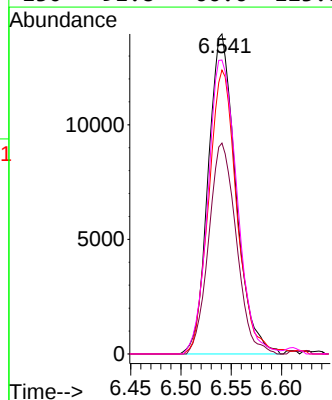
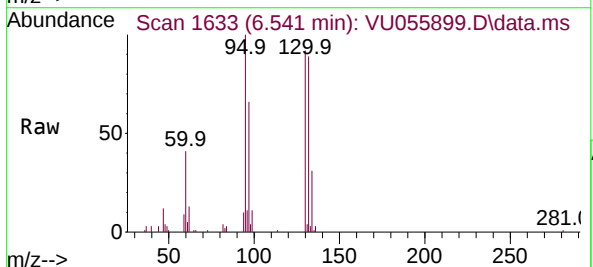
Ion Ratio Lower Upper

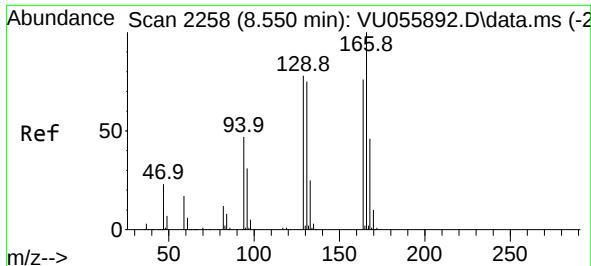
95 100

97 65.9 44.4 82.5

132 88.7 61.8 114.8

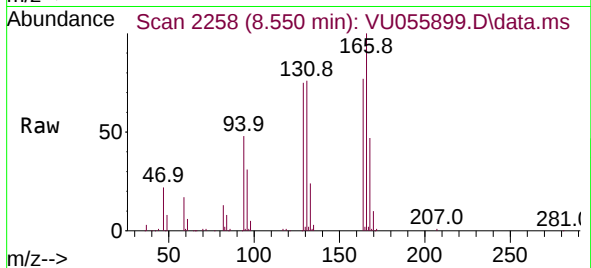
130 91.8 66.6 123.8





#46
 Tetrachloroethene
 Concen: 35.257 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU055899.D
 Acq: 26 Oct 2023 12:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:164 Resp: 120722
 Ion Ratio Lower Upper
 164 100
 129 97.6 70.7 131.3
 131 98.8 65.9 122.5
 166 129.3 87.8 163.0

