

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
 Data File : VU055879.D
 Acq On : 25 Oct 2023 15:09
 Operator : MD/SY
 Sample : 04946-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B6

Quant Time: Oct 26 01:53:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 26 01:50:39 2023
 Response via : Initial Calibration

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

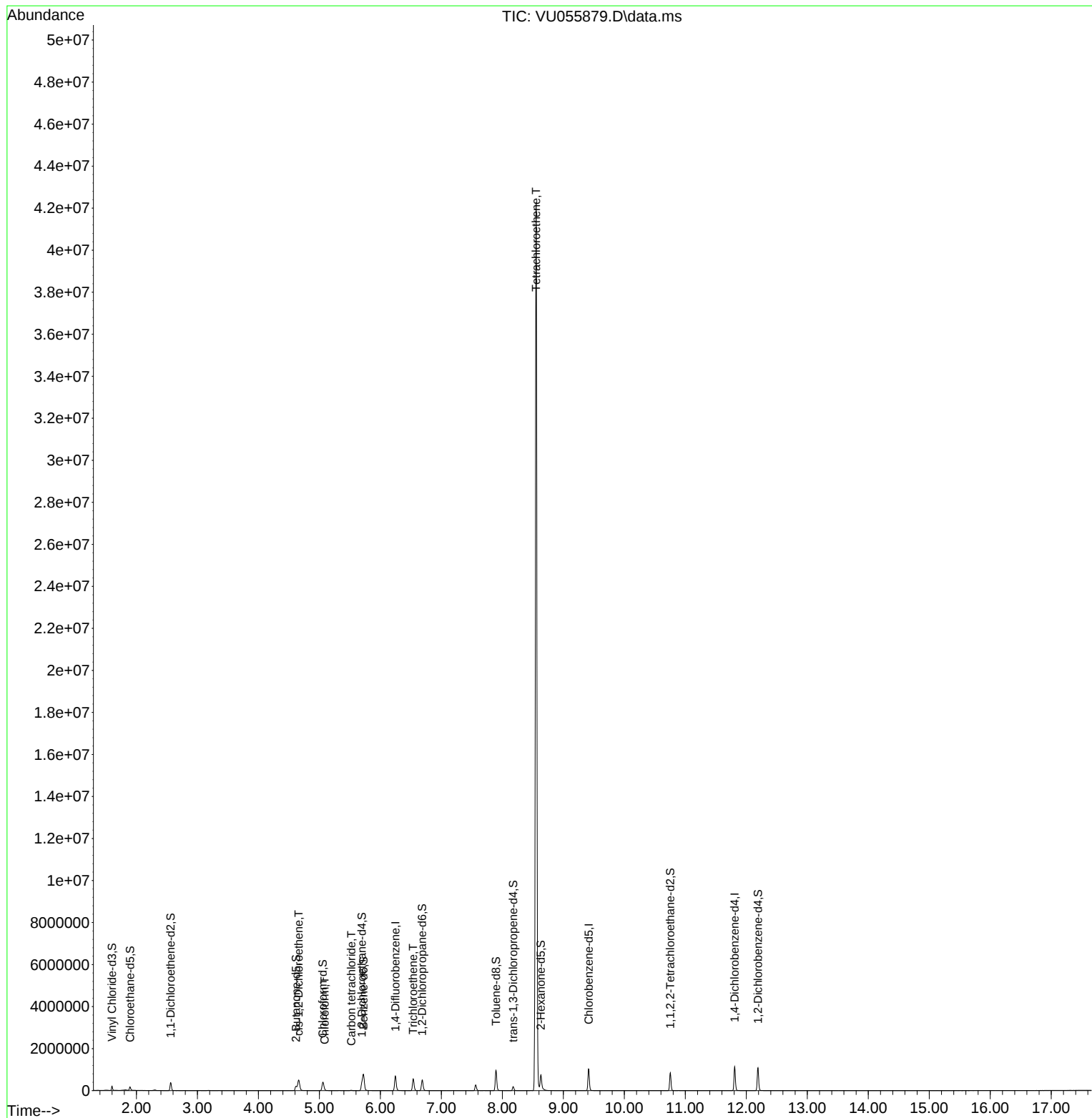
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	574469	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	584026	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	301762	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	149635	29.040	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.080%#
7) Chloroethane-d5	1.895	69	145671	34.585	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.160%#
11) 1,1-Dichloroethene-d2	2.560	63	230732	25.113	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.220%#
21) 2-Butanone-d5	4.615	46	297064	77.804	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.800%
24) Chloroform-d	5.055	84	384656	38.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.880%
26) 1,2-Dichloroethane-d4	5.695	65	252268	41.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.980%
32) Benzene-d6	5.721	84	751730	40.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.460%
36) 1,2-Dichloropropane-d6	6.685	67	252624	42.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.400%
41) Toluene-d8	7.894	98	658742	39.041	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.080%#
43) trans-1,3-Dichloroprop...	8.177	79	112316	39.524	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.040%
47) 2-Hexanone-d5	8.631	63	265838	114.309	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.310%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	427539	46.953	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.900%
66) 1,2-Dichlorobenzene-d4	12.190	152	293623	49.033	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.060%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.660	96	263924	55.528	ug/L	95
25) Chloroform	5.084	83	18785	2.106	ug/L	93
31) Carbon tetrachloride	5.521	117	11737	1.777	ug/L	94
34) Trichloroethene	6.538	95	197335	39.065	ug/L	99
46) Tetrachloroethene	8.554	164	9390771	2596.539	ug/L	98

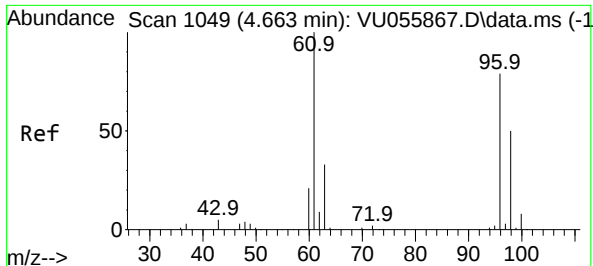
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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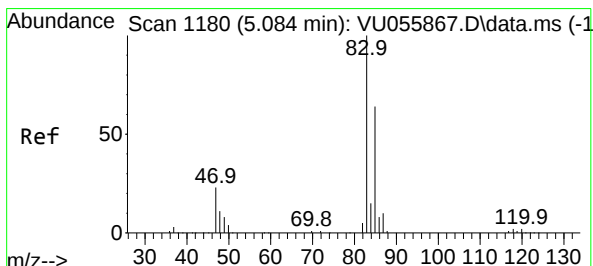
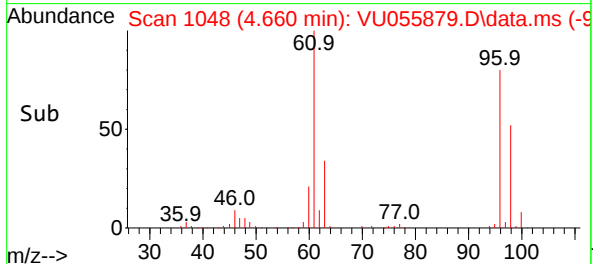
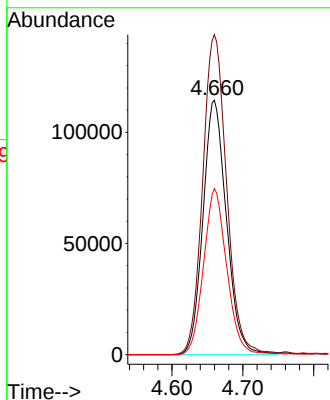
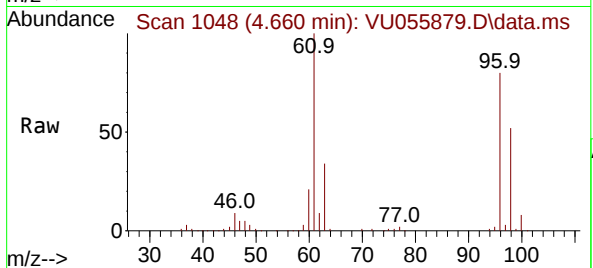




#20
 cis-1,2-Dichloroethene
 Concen: 55.528 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU055879.D
 Acq: 25 Oct 2023 15:09

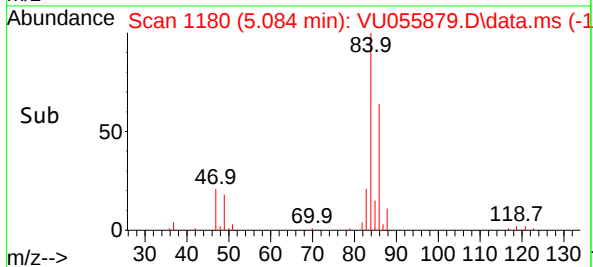
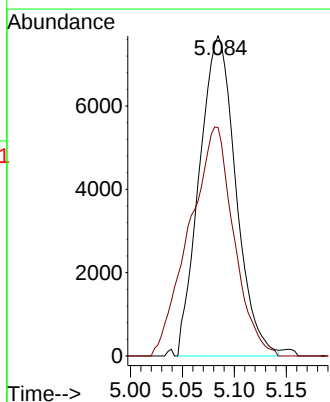
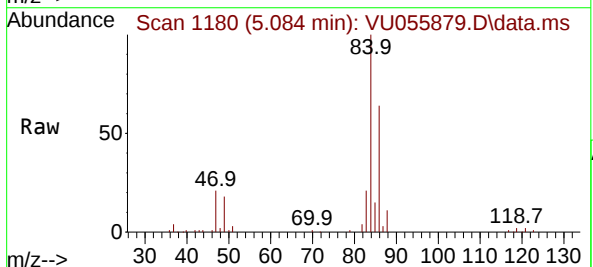
Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B6

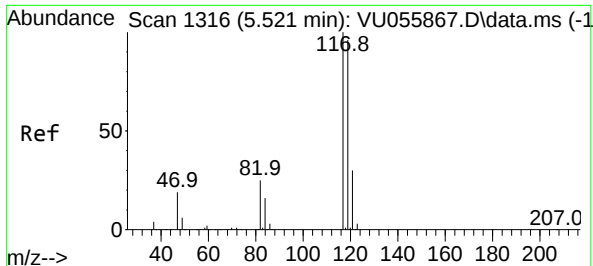
Tgt Ion: 96 Resp: 263924
 Ion Ratio Lower Upper
 96 100
 61 125.7 92.3 171.5
 98 65.2 43.9 81.5



#25
 Chloroform
 Concen: 2.106 ug/L
 RT: 5.084 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VU055879.D
 Acq: 25 Oct 2023 15:09

Tgt Ion: 83 Resp: 18785
 Ion Ratio Lower Upper
 83 100
 85 71.4 46.3 86.1

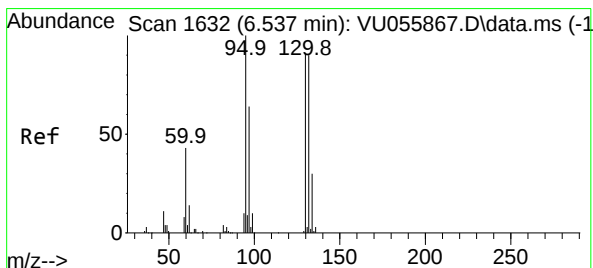
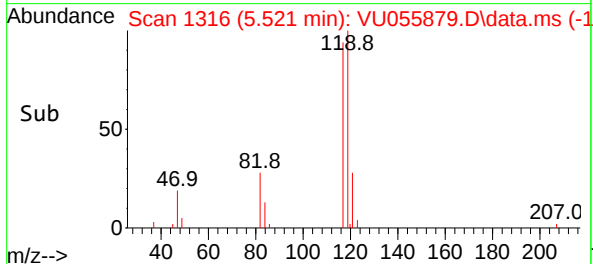
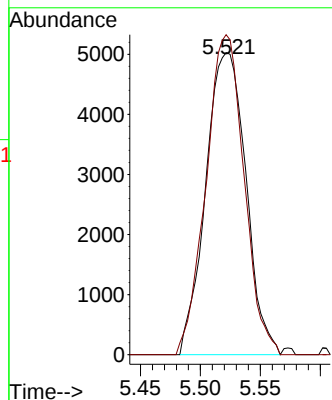
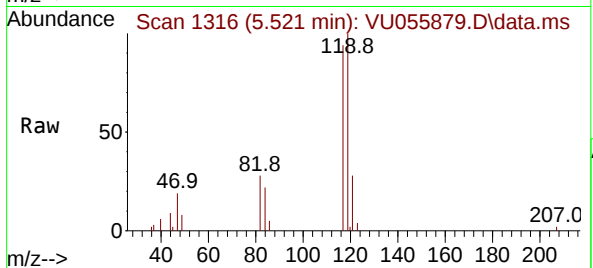




#31
Carbon tetrachloride
Concen: 1.777 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU055879.D
Acq: 25 Oct 2023 15:09

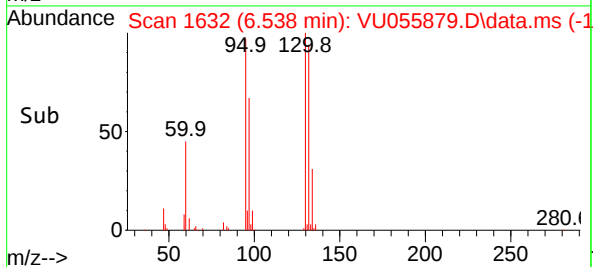
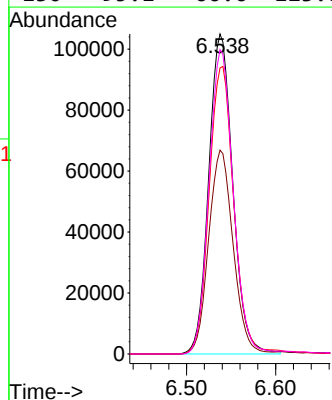
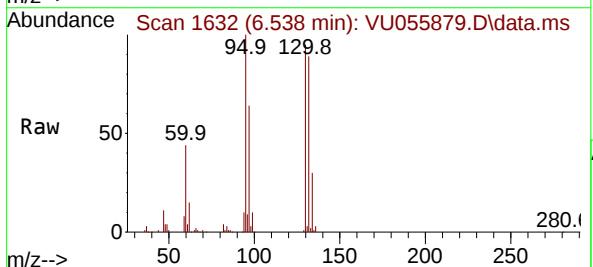
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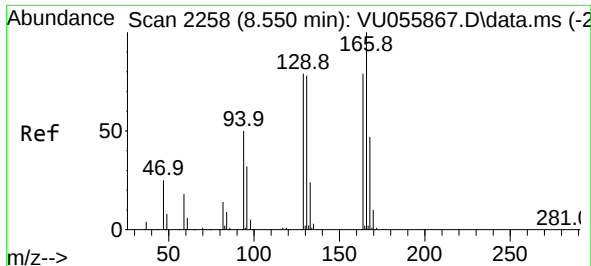
Tgt Ion:117 Resp: 11737
Ion Ratio Lower Upper
117 100
119 100.2 75.4 113.0



#34
Trichloroethene
Concen: 39.065 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU055879.D
Acq: 25 Oct 2023 15:09

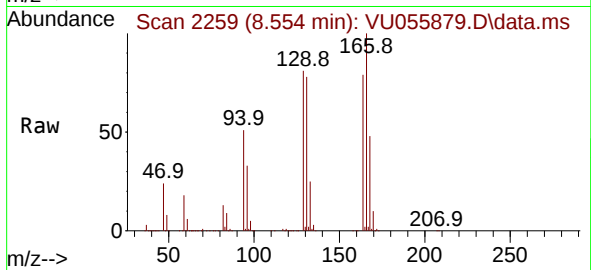
Tgt Ion: 95 Resp: 197335
Ion Ratio Lower Upper
95 100
97 63.7 44.4 82.5
132 89.4 61.8 114.8
130 95.1 66.6 123.8





#46
 Tetrachloroethene
 Concen: 2596.539 ug/L
 RT: 8.554 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU055879.D
 Acq: 25 Oct 2023 15:09

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B6



Tgt Ion:164 Resp: 9390771

Ion	Ratio	Lower	Upper
164	100		
129	102.3	70.7	131.3
131	99.0	65.9	122.5
166	126.8	87.8	163.0

