

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056591.D
 Acq On : 22 Nov 2023 16:13
 Operator : MD/SY
 Sample : 05441-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QK8

Quant Time: Nov 23 03:43:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

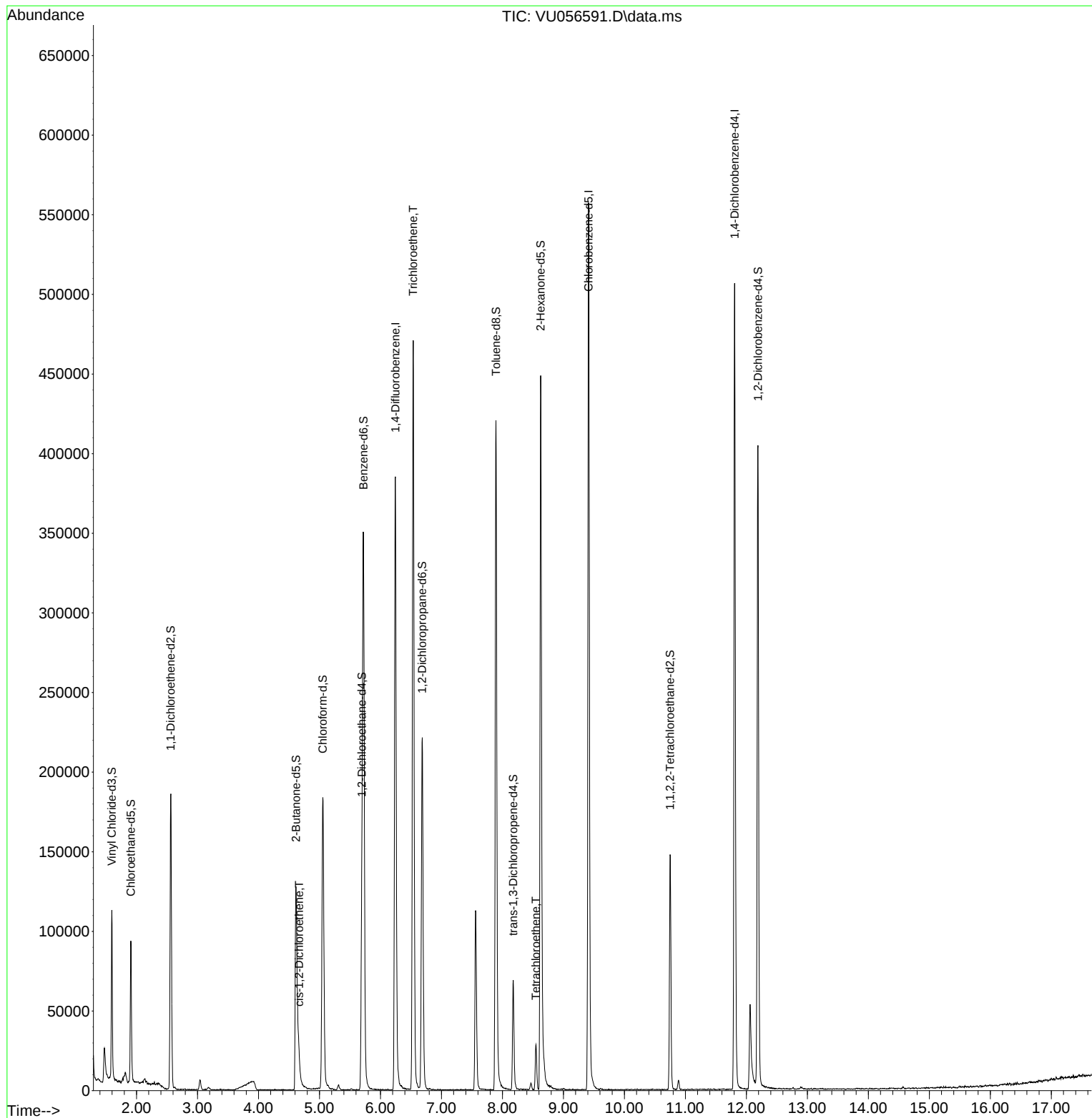
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	313129	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	320554	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	134337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	73398	3.134	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.907	69	65666	3.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.560	65	35007	3.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.615	46	189330	40.540	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.080%
24) Chloroform-d	5.055	84	174263	3.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	5.695	65	88318	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.721	84	337090	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	6.685	67	107039	3.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.400%
41) Toluene-d8	7.894	98	295873	3.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	8.177	79	40332	3.653	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.627	63	149159	34.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.760%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	74929	3.643	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	106839	4.305	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.666	96	5576	0.249	ug/L	92
34) Trichloroethene	6.537	95	169642	6.807	ug/L	99
47) Tetrachloroethene	8.550	164	6163	0.367	ug/L	94

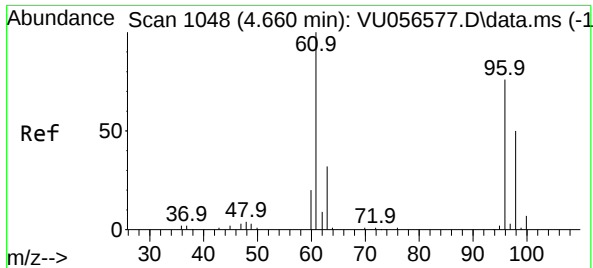
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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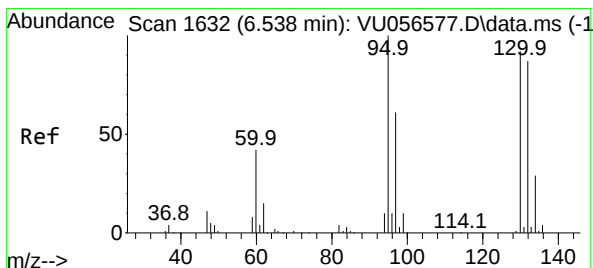
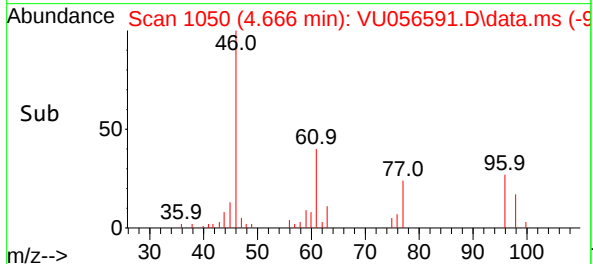
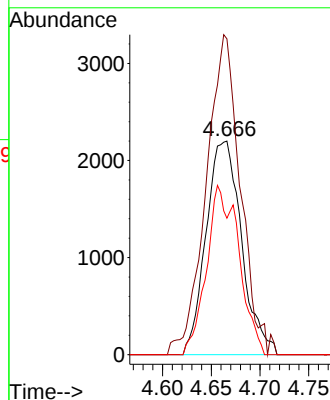
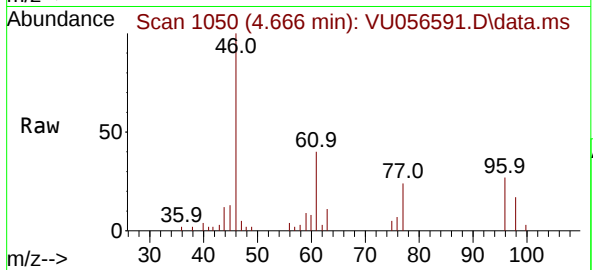




#22
 cis-1,2-Dichloroethene
 Concen: 0.249 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.006 min
 Lab File: VU056591.D
 Acq: 22 Nov 2023 16:13

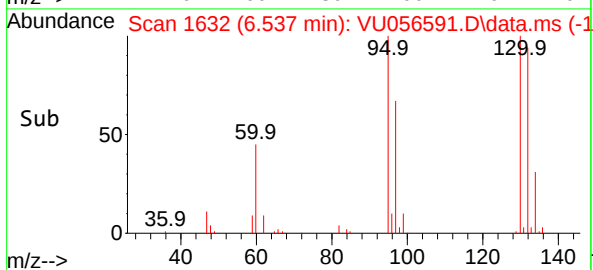
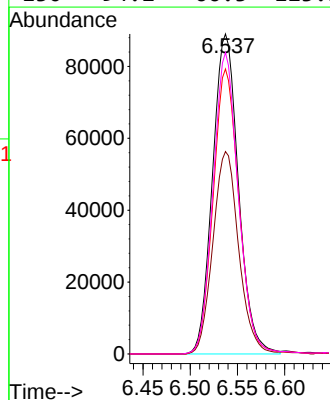
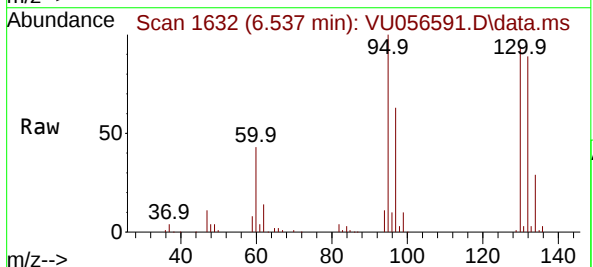
Instrument :
 MSVOA_U
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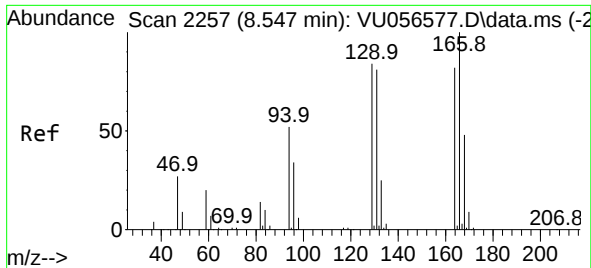
Tgt Ion: 96 Resp: 5576
 Ion Ratio Lower Upper
 96 100
 61 147.9 93.2 173.2
 98 63.9 44.8 83.2



#34
 Trichloroethene
 Concen: 6.807 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056591.D
 Acq: 22 Nov 2023 16:13

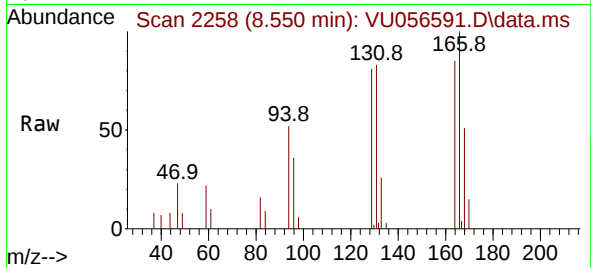
Tgt Ion: 95 Resp: 169642
 Ion Ratio Lower Upper
 95 100
 97 63.2 46.5 86.3
 132 89.1 62.0 115.2
 130 94.2 66.3 123.1





#47
 Tetrachloroethene
 Concen: 0.367 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
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Tgt Ion:	164	Resp:	6163
Ion	Ratio	Lower	Upper
164	100		
129	95.5	71.0	131.9
131	98.1	70.3	130.7
166	118.0	89.8	166.8

