

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122922\
 Data File : VU052611.D
 Acq On : 29 Dec 2022 17:51
 Operator : JC/MD
 Sample : N6216-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA9

Quant Time: Dec 30 01:00:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 30 00:58:31 2022
 Response via : Initial Calibration

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

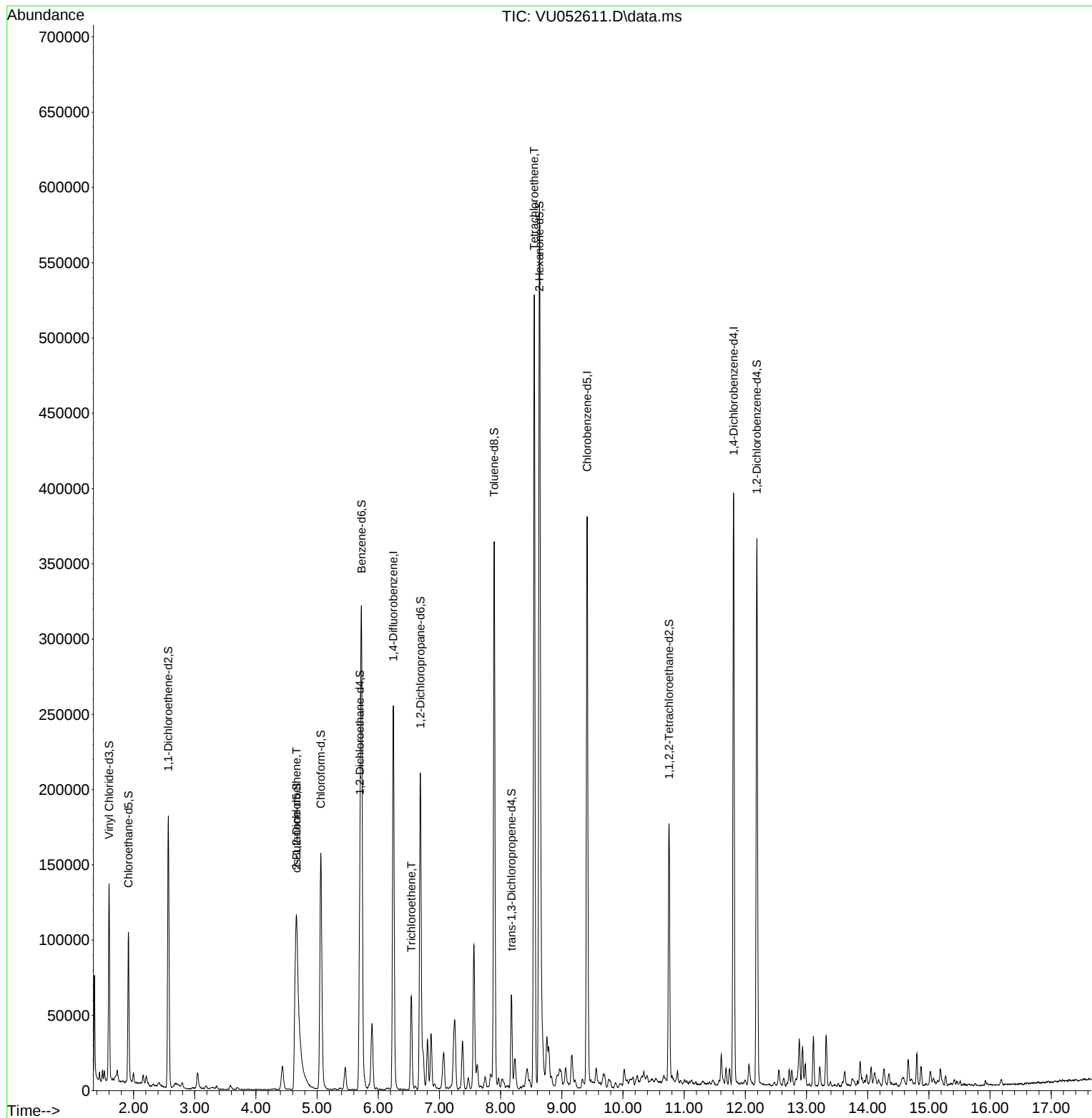
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	195444	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	196525	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	96223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	79408	4.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.916	69	74459	4.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.569	65	35121	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.662	46	297701	48.484	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.960%
24) Chloroform-d	5.060	84	145274	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.700	65	87052	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.726	84	292246	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.687	67	104494	4.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.893	98	235214	4.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.176	79	33748	4.249	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.633	63	216740	49.880	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.760%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	88687	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	87127	4.447	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.665	96	13889	0.839	ug/L	96
34) Trichloroethene	6.539	95	21639	1.308	ug/L	96
47) Tetrachloroethene	8.549	164	107778	9.330	ug/L	98

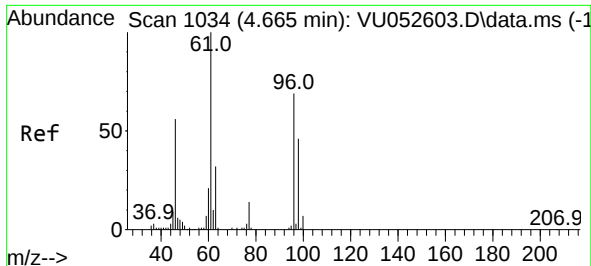
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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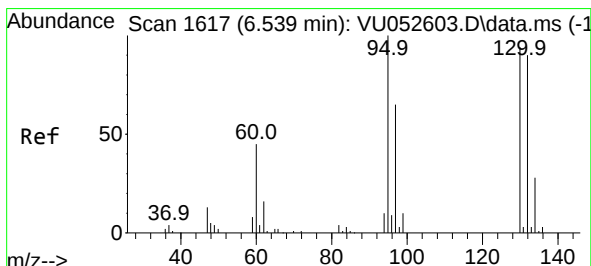
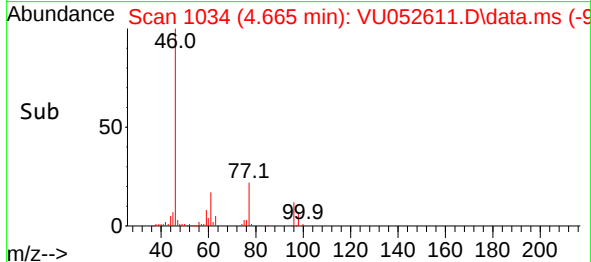
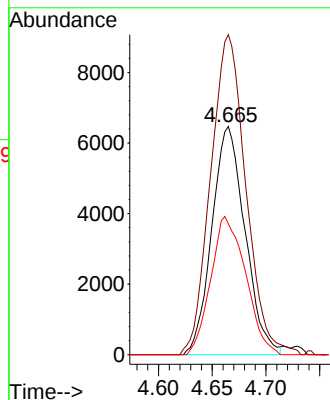
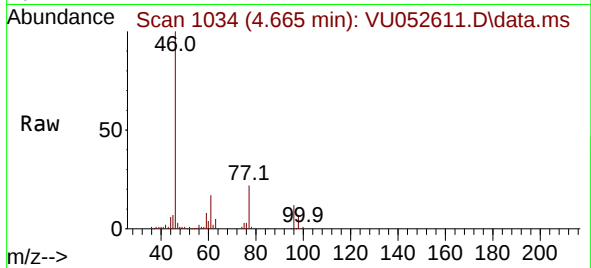




#22
 cis-1,2-Dichloroethene
 Concen: 0.839 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052611.D
 Acq: 29 Dec 2022 17:51

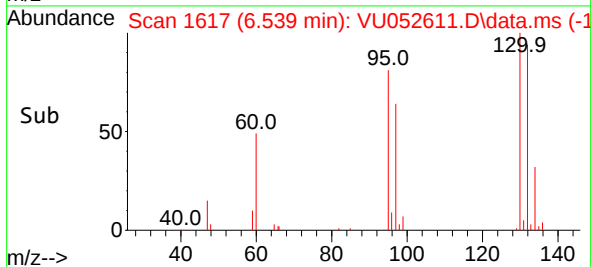
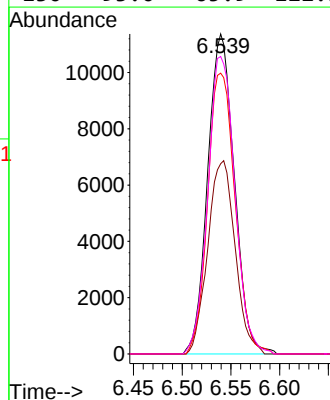
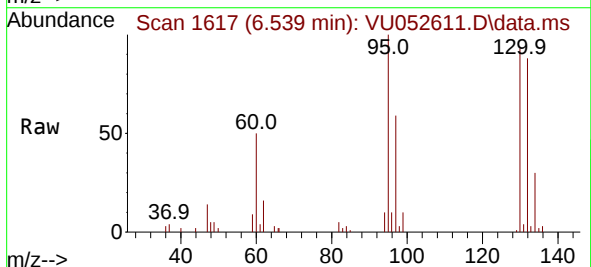
Instrument :
 MSVOA_U
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 H0AA9

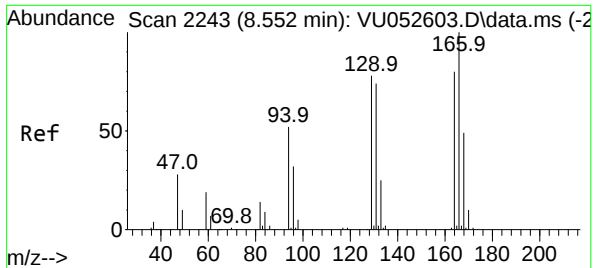
Tgt Ion: 96 Resp: 13889
 Ion Ratio Lower Upper
 96 100
 61 140.2 96.9 180.1
 98 57.3 44.7 83.1



#34
 Trichloroethene
 Concen: 1.308 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU052611.D
 Acq: 29 Dec 2022 17:51

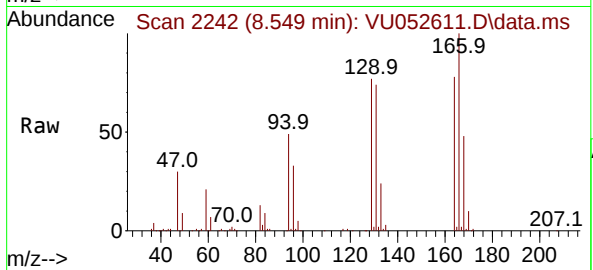
Tgt Ion: 95 Resp: 21639
 Ion Ratio Lower Upper
 95 100
 97 59.5 46.3 86.1
 132 87.7 63.9 118.7
 130 93.0 65.9 122.5





#47
 Tetrachloroethene
 Concen: 9.330 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU052611.D
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Tgt Ion:164 Resp: 107778

Ion	Ratio	Lower	Upper
164	100		
129	99.2	68.1	126.5
131	94.9	66.5	123.5
166	128.9	87.9	163.3

