

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058014.D
 Acq On : 08 Mar 2024 13:58
 Operator : MD/SY
 Sample : P1636-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCNP5

Quant Time: Mar 09 00:13:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

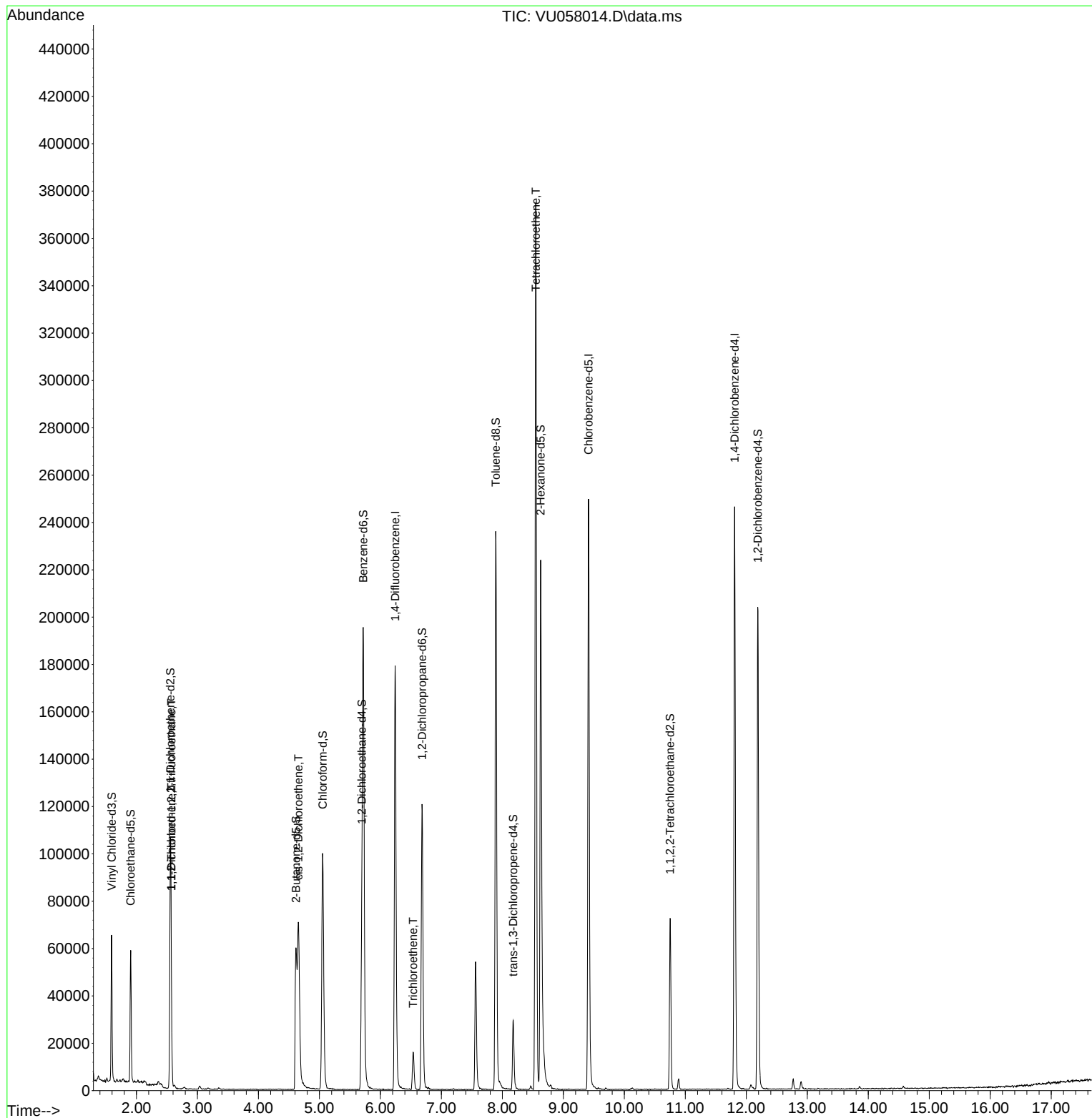
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142439	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	43521	4.247	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.904	69	38661	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.557	65	19815	4.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.615	46	95238	56.401	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.800%
24) Chloroform-d	5.052	84	94223	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.695	65	45599	5.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.718	84	186570	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.682	67	58745	4.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.891	98	158717	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.177	79	17444	4.162	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.627	63	79610	56.579	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	37177	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	51584	4.895	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3283	0.340	ug/L	91
12) 1,1-Dichloroethene	2.570	96	1664	0.194	ug/L	# 1
22) cis-1,2-Dichloroethene	4.657	96	31638	3.072	ug/L	97
34) Trichloroethene	6.538	95	5784	0.521	ug/L	92
47) Tetrachloroethene	8.547	164	76375	9.912	ug/L	98

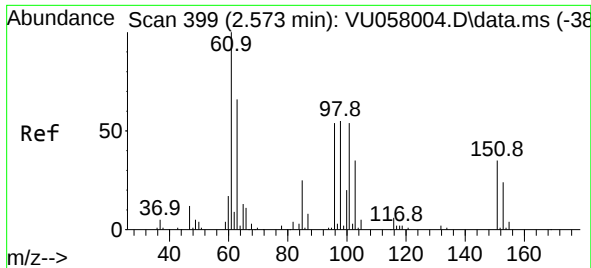
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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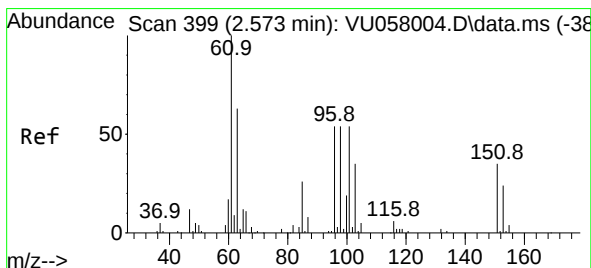
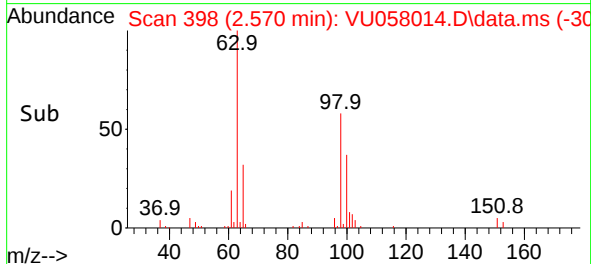
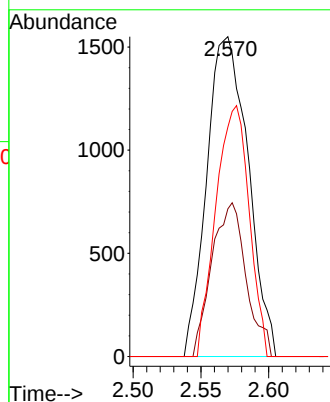
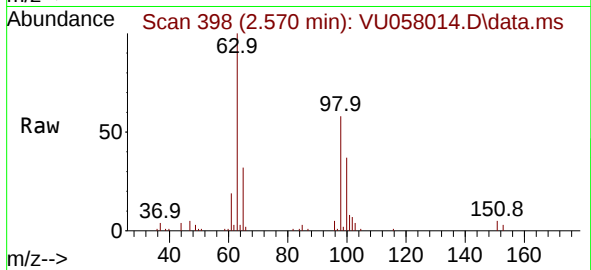




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.340 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU058014.D
 Acq: 08 Mar 2024 13:58

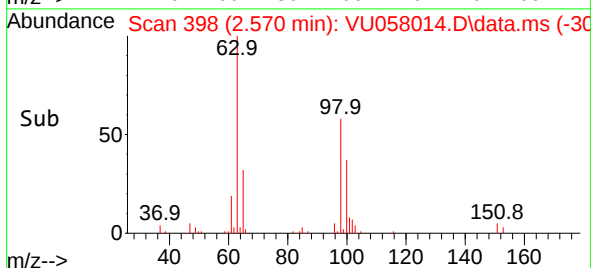
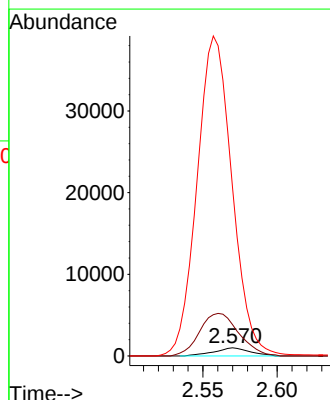
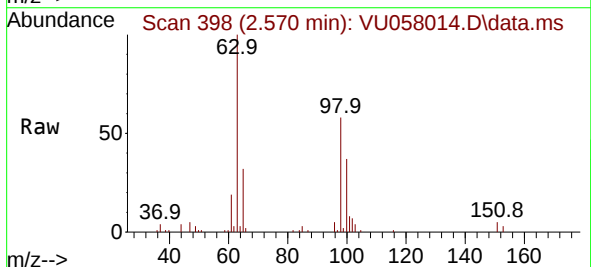
Instrument :
 MSVOA_U
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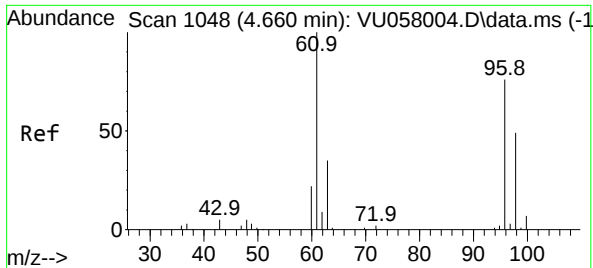
Tgt Ion:101 Resp: 3283
 Ion Ratio Lower Upper
 101 100
 85 40.1 37.3 55.9
 151 63.1 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 0.194 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU058014.D
 Acq: 08 Mar 2024 13:58

Tgt Ion: 96 Resp: 1664
 Ion Ratio Lower Upper
 96 100
 61 385.7 131.8 244.8#
 63 2066.5 98.1 182.1#



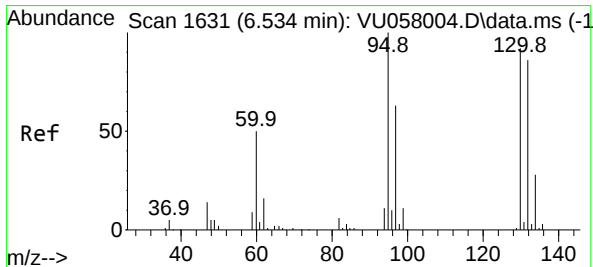
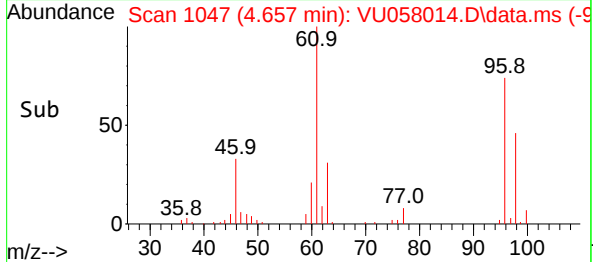
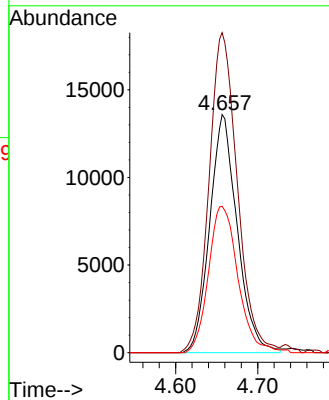
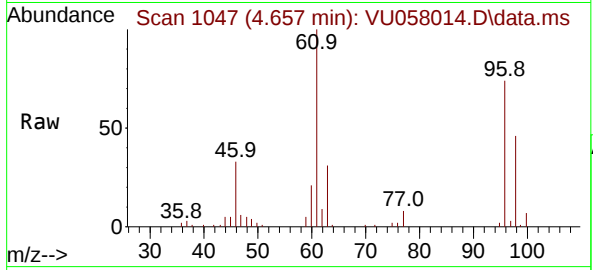


#22
 cis-1,2-Dichloroethene
 Concen: 3.072 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU058014.D
 Acq: 08 Mar 2024 13:58

Instrument :
 MSVOA_U
 ClientSampleId :
 DCNP5

Tgt Ion: 96 Resp: 31638

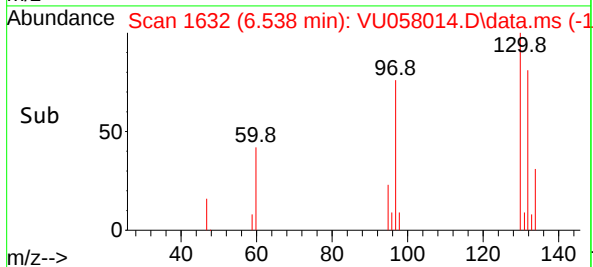
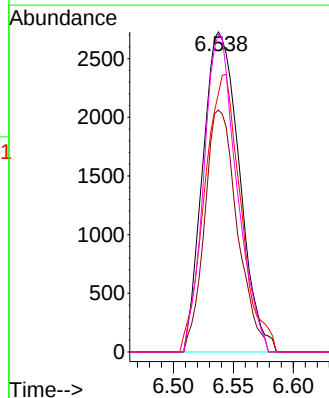
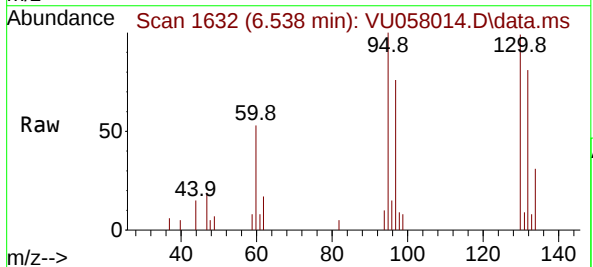
Ion	Ratio	Lower	Upper
96	100		
61	134.4	97.2	180.4
98	62.9	45.5	84.5

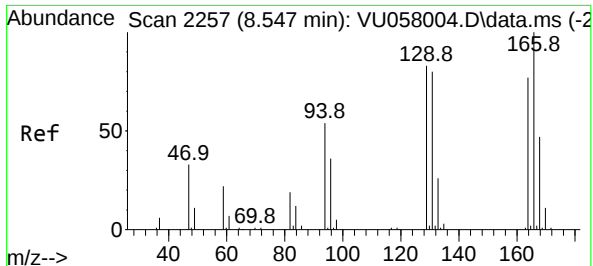


#34
 Trichloroethene
 Concen: 0.521 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU058014.D
 Acq: 08 Mar 2024 13:58

Tgt Ion: 95 Resp: 5784

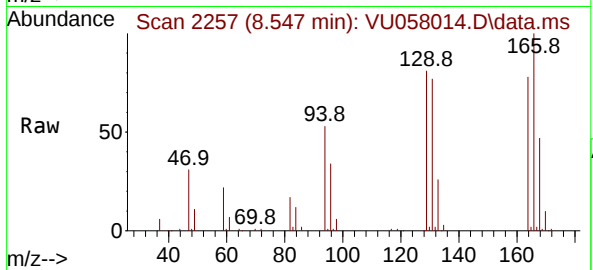
Ion	Ratio	Lower	Upper
95	100		
97	75.6	45.3	84.1
132	80.8	63.1	117.1
130	99.2	67.6	125.6





#47
 Tetrachloroethene
 Concen: 9.912 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058014.D
 Acq: 08 Mar 2024 13:58

Instrument :
 MSVOA_U
 ClientSampleId :
 DCNP5



Tgt Ion:	164	Resp:	76375
Ion	Ratio	Lower	Upper
164	100		
129	104.1	69.3	128.7
131	99.4	69.9	129.9
166	128.5	90.1	167.3

