

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059850.D
 Acq On : 05 Jul 2024 10:35
 Operator : MD/SY
 Sample : P3122-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BN9DL

Quant Time: Jul 06 03:01:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

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

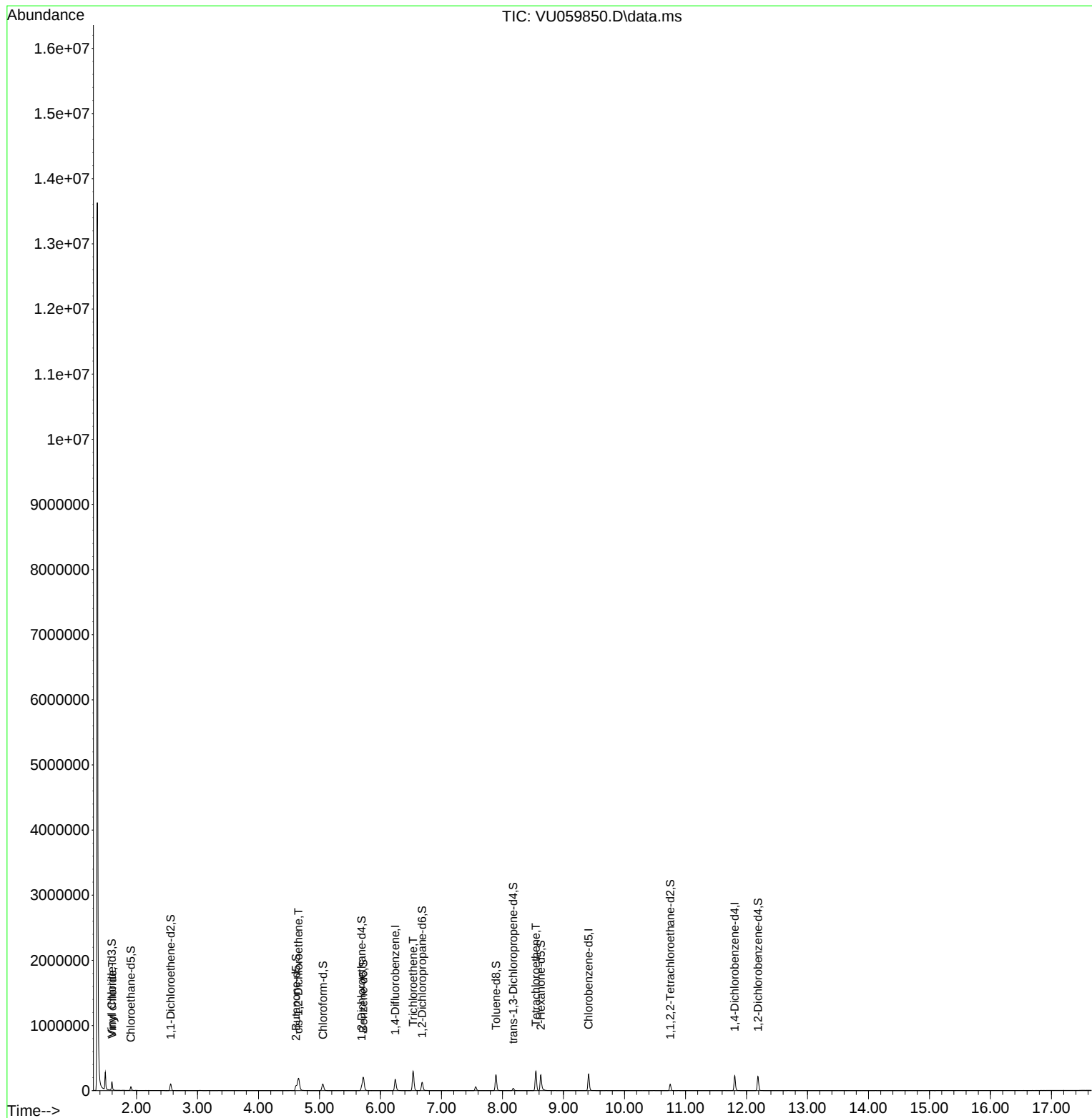
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	148943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155698	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49479	4.777	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.907	69	43835	4.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.560	65	18706	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.615	46	107039	50.174	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.340%
24) Chloroform-d	5.055	84	99977	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.692	65	50569	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.718	84	202976	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.682	67	65525	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.894	98	171983	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.177	79	22678	5.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.400%
46) 2-Hexanone-d5	8.627	63	85856	50.256	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53594	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	64372	5.310	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	21553	1.436	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	104431	8.624	ug/L	96
34) Trichloroethene	6.534	95	105567	8.244	ug/L	96
47) Tetrachloroethene	8.547	164	70978	7.143	ug/L	97

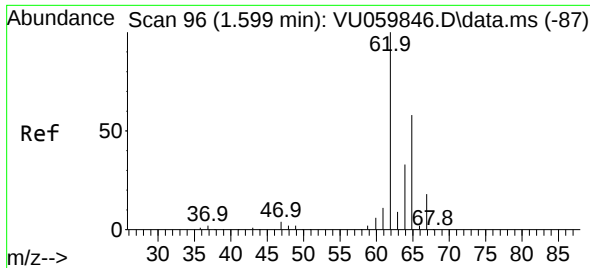
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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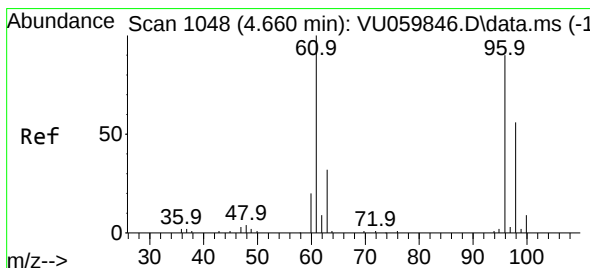
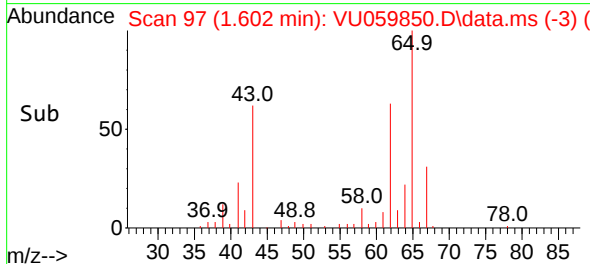
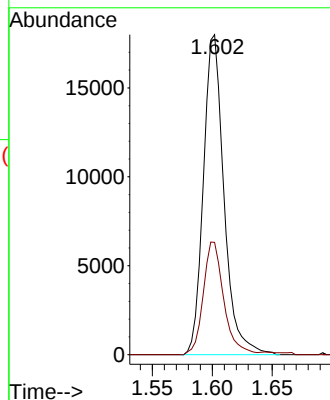
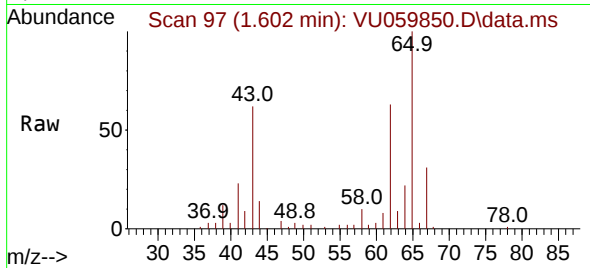




#5
 Vinyl chloride
 Concen: 1.436 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU059850.D
 Acq: 05 Jul 2024 10:35

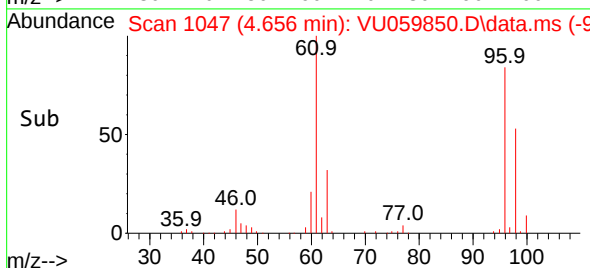
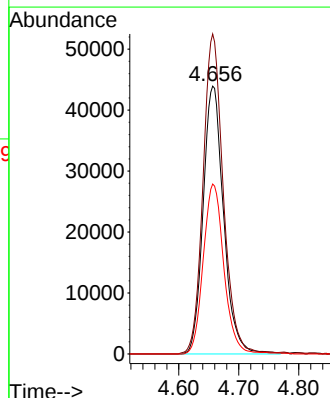
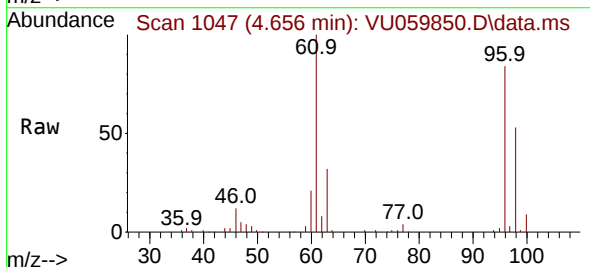
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BN9DL

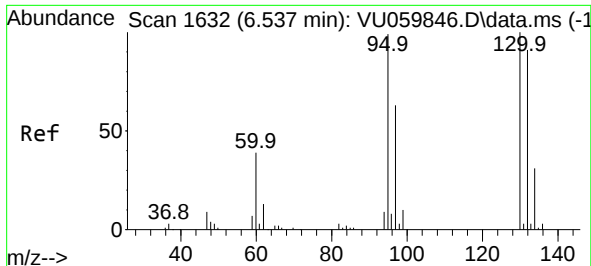
Tgt Ion: 62 Resp: 21553
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.1 42.9



#22
 cis-1,2-Dichloroethene
 Concen: 8.624 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU059850.D
 Acq: 05 Jul 2024 10:35

Tgt Ion: 96 Resp: 104431
 Ion Ratio Lower Upper
 96 100
 61 119.5 87.4 162.2
 98 63.4 42.3 78.5

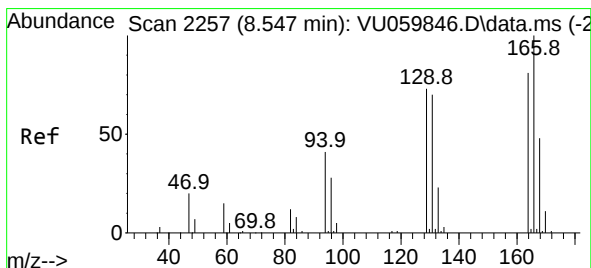
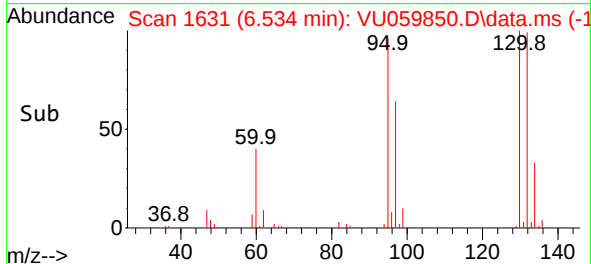
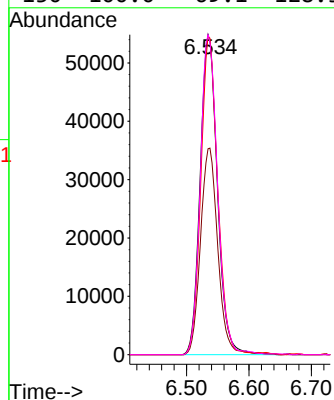
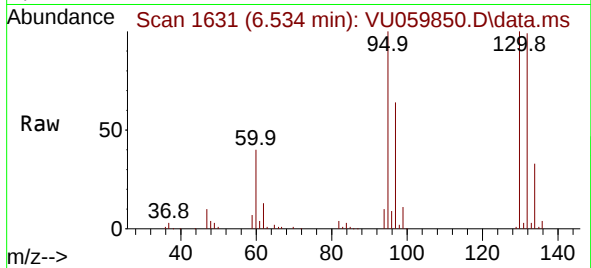




#34
Trichloroethene
Concen: 8.244 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059850.D
Acq: 05 Jul 2024 10:35

Instrument :
MSVOA_U
ClientSampleId :
C0BN9DL

Tgt Ion: 95 Resp: 105567
Ion Ratio Lower Upper
95 100
97 64.4 45.3 84.1
132 99.4 64.0 119.0
130 100.0 69.1 128.3



#47
Tetrachloroethene
Concen: 7.143 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059850.D
Acq: 05 Jul 2024 10:35

Tgt Ion: 164 Resp: 70978
Ion Ratio Lower Upper
164 100
129 95.6 70.8 131.4
131 93.1 64.8 120.3
166 127.8 91.1 169.1

