

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060939.D
 Acq On : 20 Sep 2024 13:40
 Operator : MD/SY
 Sample : P3952-19DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B31DL

Quant Time: Sep 21 01:40:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

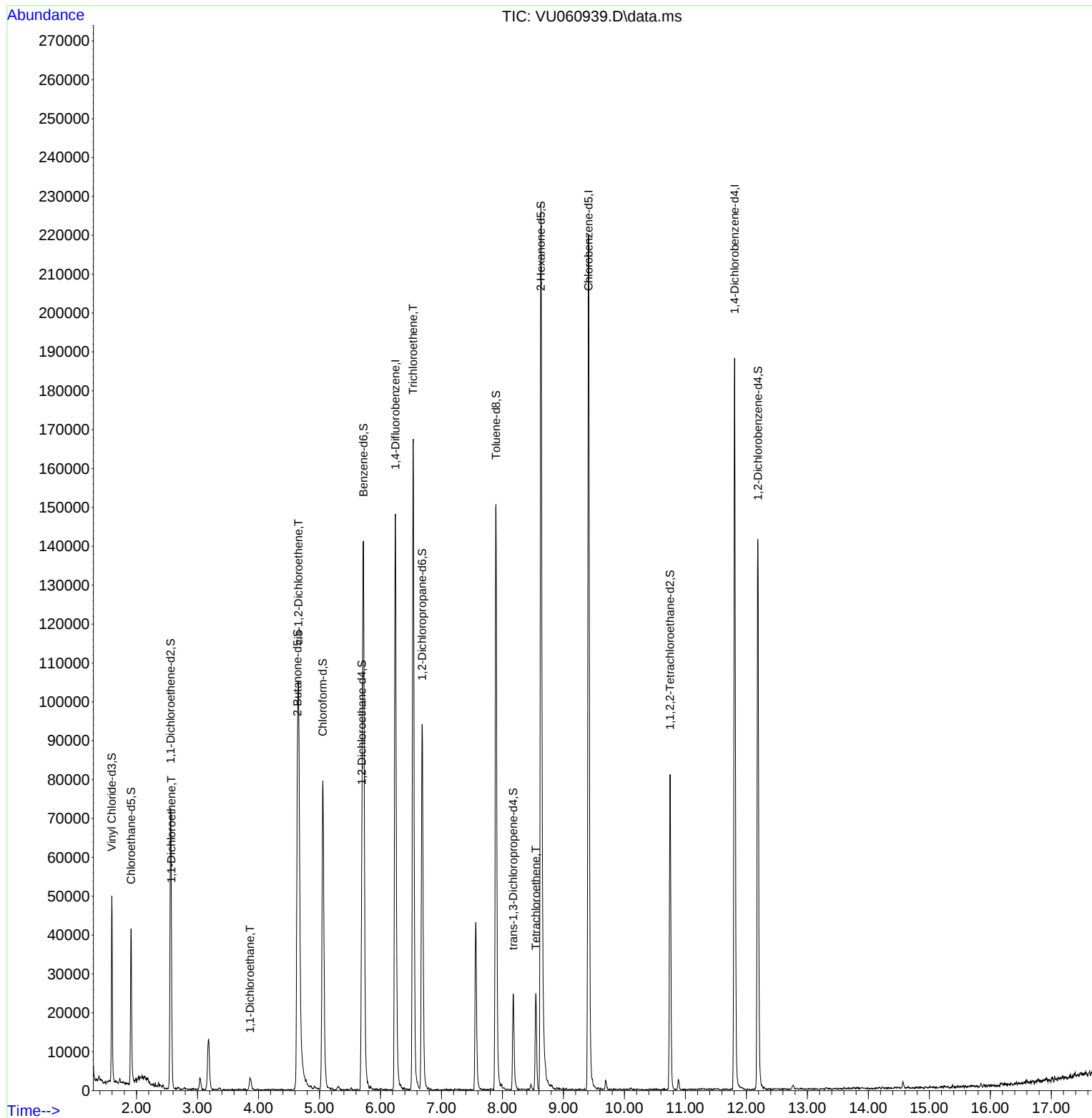
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	127555	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	54008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32278	2.813	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.200%	
7) Chloroethane-d5	1.910	69	30247	3.703	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.000%	
11) 1,1-Dichloroethene-d2	2.560	65	13712	3.372	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.400%	
20) 2-Butanone-d5	4.637	46	106764	57.967	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.940%	
24) Chloroform-d	5.055	84	77037	4.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.695	65	39919	4.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.721	84	135758	3.786	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.800%	
36) 1,2-Dichloropropane-d6	6.685	67	49982	4.505	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.000%	
41) Toluene-d8	7.894	98	105881	3.238	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	16942	4.242	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.630	63	84221	53.457	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.920%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	42077	4.841	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	40719	4.487	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	2322	0.289	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	4283	0.257	ug/L #	85
22) cis-1,2-Dichloroethene	4.656	96	33484	3.639	ug/L	98
34) Trichloroethene	6.537	95	60285	6.251	ug/L	97
47) Tetrachloroethene	8.550	164	5618	0.733	ug/L	96

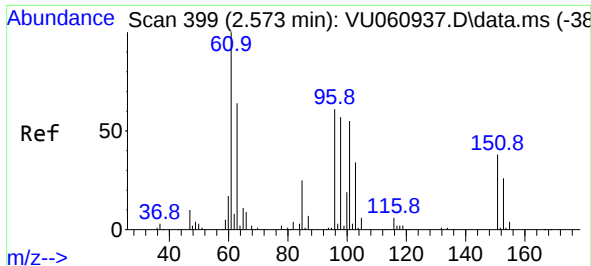
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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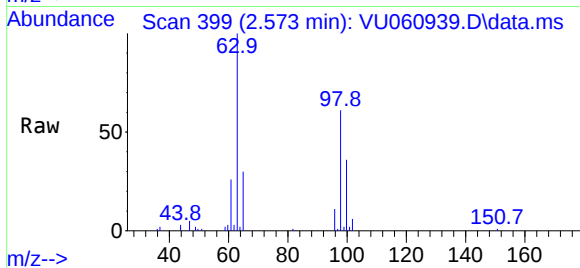
Quant Time: Sep 21 01:40:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
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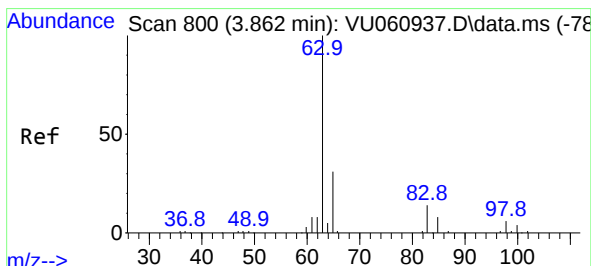
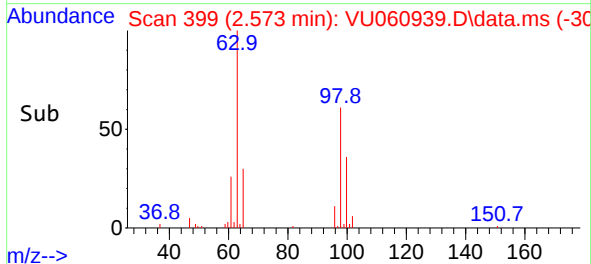
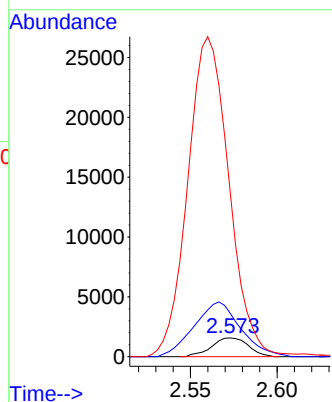


#12
1,1-Dichloroethene
Concen: 0.289 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060939.D
Acq: 20 Sep 2024 13:40

Instrument :
MSVOA_U
ClientSampleId :
C0B31DL

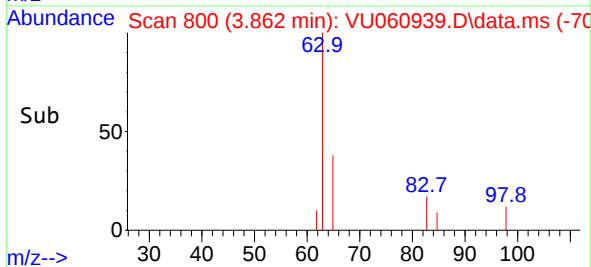
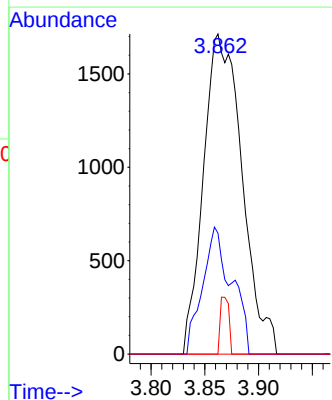
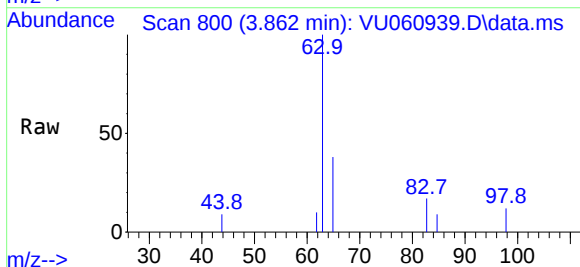


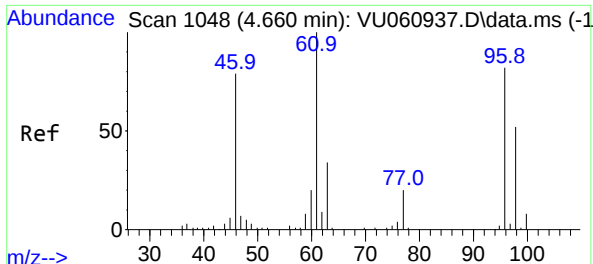
Tgt Ion: 96 Resp: 2322
Ion Ratio Lower Upper
96 100
61 232.5 120.7 224.1#
63 885.9 90.0 167.2#



#19
1,1-Dichloroethane
Concen: 0.257 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060939.D
Acq: 20 Sep 2024 13:40

Tgt Ion: 63 Resp: 4283
Ion Ratio Lower Upper
63 100
65 37.7 23.0 42.8
83 0.0 9.0 16.6#

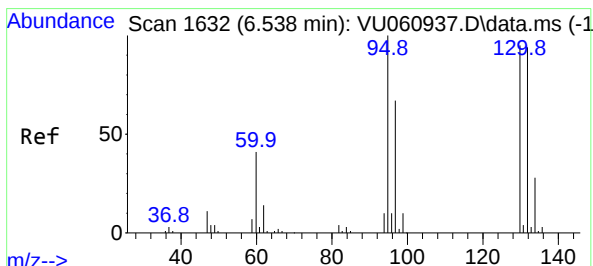
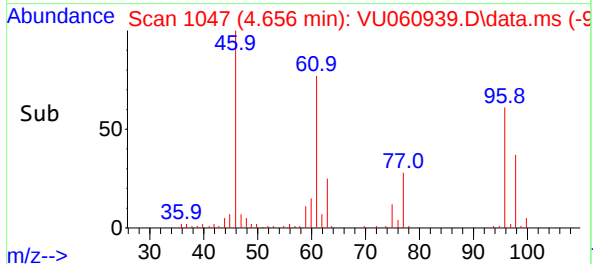
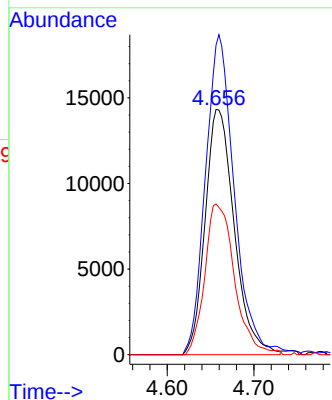
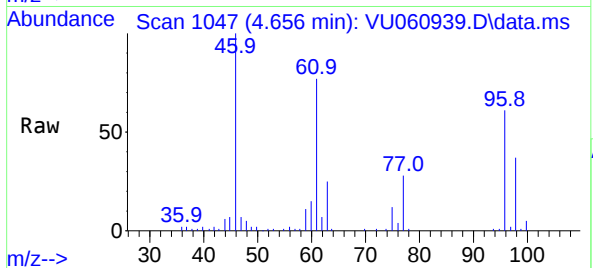




#22
cis-1,2-Dichloroethene
Concen: 3.639 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060939.D
Acq: 20 Sep 2024 13:40

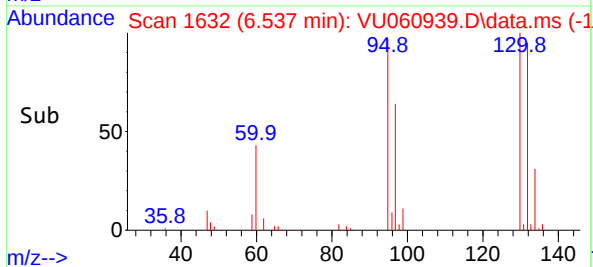
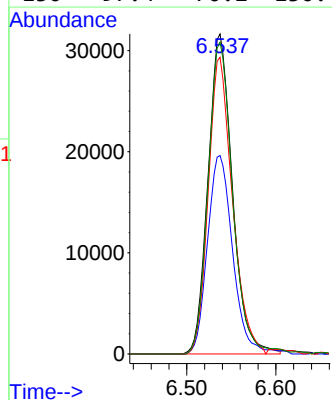
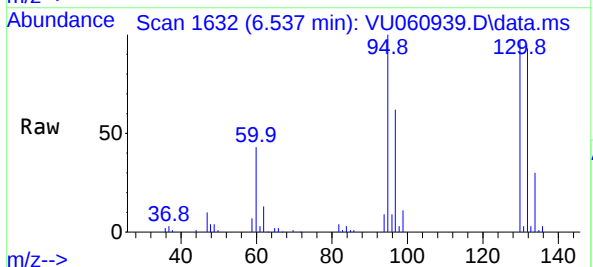
Instrument :
MSVOA_U
ClientSampleId :
C0B31DL

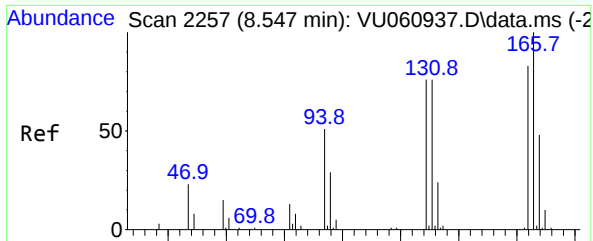
Tgt Ion: 96 Resp: 33484
Ion Ratio Lower Upper
96 100
61 126.2 89.7 166.5
98 61.5 45.1 83.9



#34
Trichloroethene
Concen: 6.251 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU060939.D
Acq: 20 Sep 2024 13:40

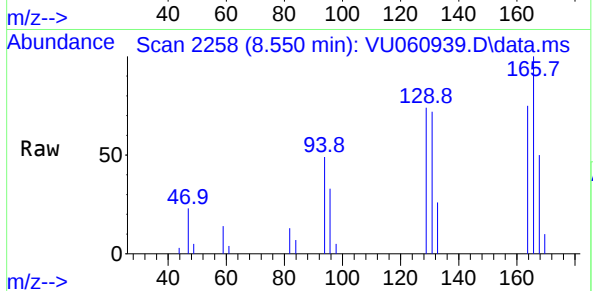
Tgt Ion: 95 Resp: 60285
Ion Ratio Lower Upper
95 100
97 62.0 44.9 83.5
132 92.7 63.5 117.9
130 97.4 70.2 130.4





#47
 Tetrachloroethene
 Concen: 0.733 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU060939.D
 Acq: 20 Sep 2024 13:40

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B31DL



Tgt Ion:164 Resp: 5618

Ion	Ratio	Lower	Upper
164	100		
129	99.8	67.3	124.9
131	96.2	65.4	121.4
166	134.2	89.5	166.1

