

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060953.D
 Acq On : 20 Sep 2024 19:16
 Operator : MD/SY
 Sample : P3987-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q3

Quant Time: Sep 21 01:44:27 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)

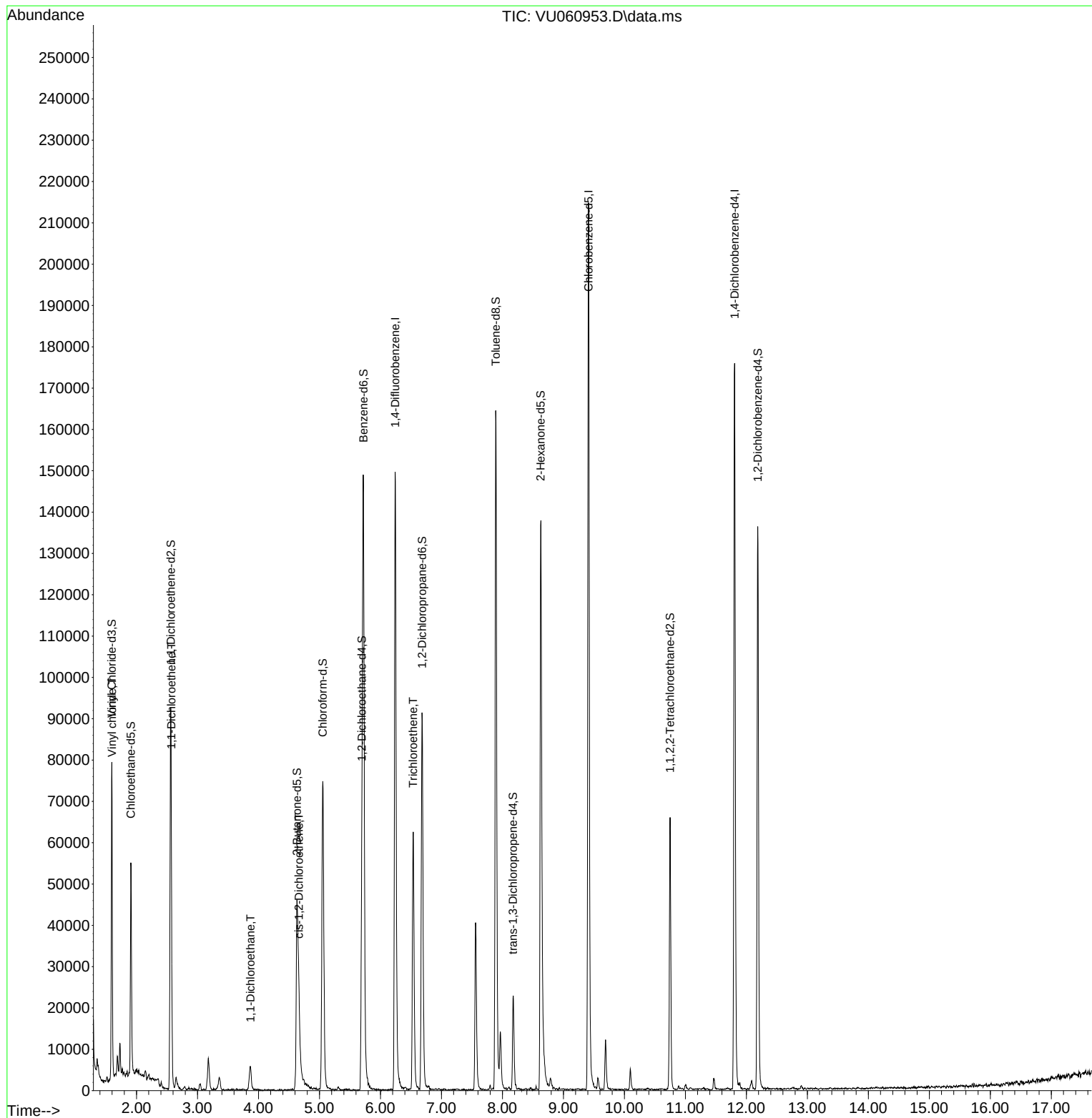
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	123372	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	130111	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52064	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47715	4.300	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.907	69	37258	4.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.563	65	16787	4.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.631	46	60505	33.965	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.920%
24) Chloroform-d	5.055	84	74207	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.695	65	36011	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.721	84	145064	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.682	67	47558	4.408	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.891	98	116137	3.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.174	79	15068	3.880	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.627	63	50194	32.762	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	33024	3.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	39464	4.511	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
5) Vinyl chloride	1.599	62	6074	0.570	ug/L	88
12) 1,1-Dichloroethene	2.570	96	3478	0.448	ug/L	# 1
19) 1,1-Dichloroethane	3.869	63	7556	0.468	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	4890	0.549	ug/L	90
34) Trichloroethene	6.537	95	22546	2.404	ug/L	93

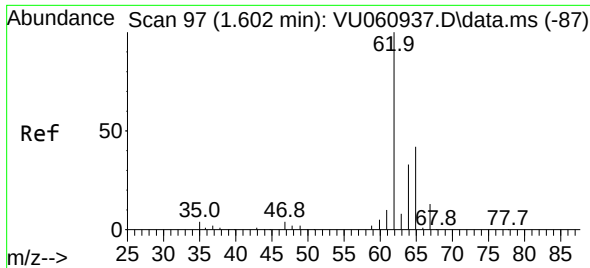
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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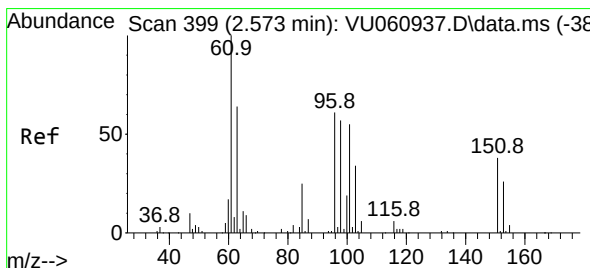
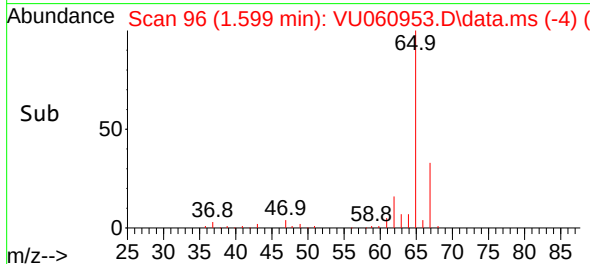
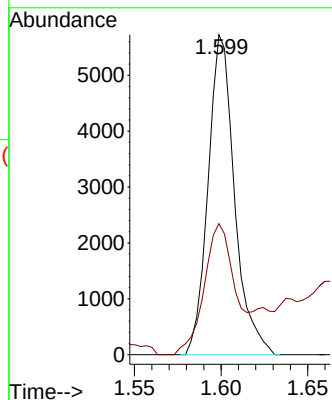
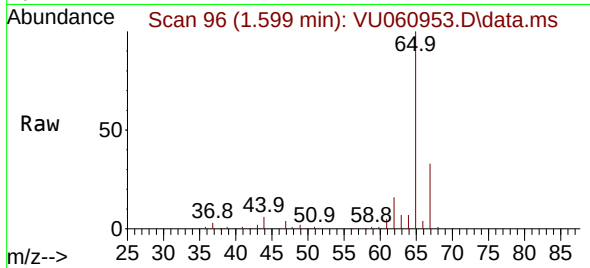




#5
 Vinyl chloride
 Concen: 0.570 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU060953.D
 Acq: 20 Sep 2024 19:16

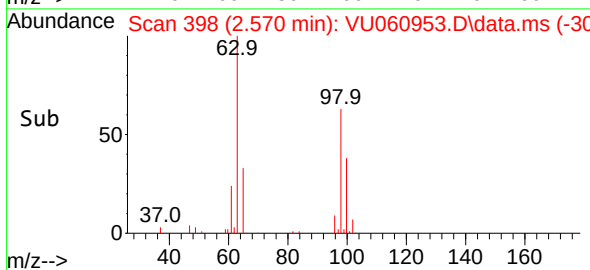
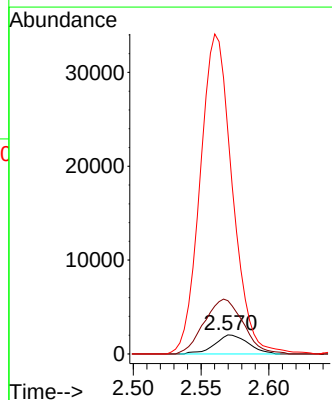
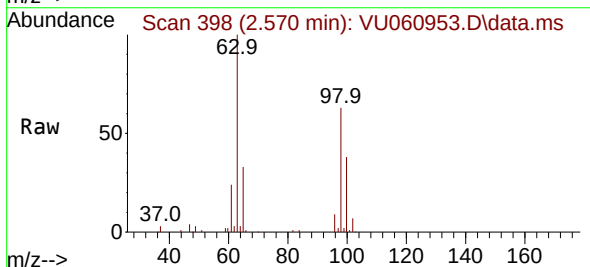
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q3

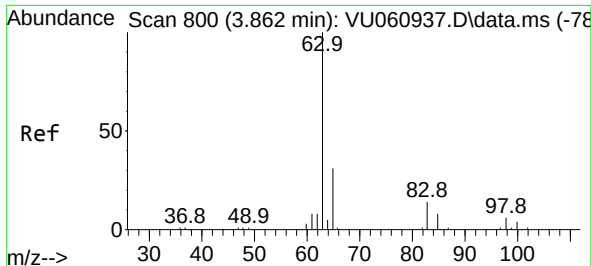
Tgt Ion: 62 Resp: 6074
 Ion Ratio Lower Upper
 62 100
 64 40.9 24.0 44.6



#12
 1,1-Dichloroethene
 Concen: 0.448 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU060953.D
 Acq: 20 Sep 2024 19:16

Tgt Ion: 96 Resp: 3478
 Ion Ratio Lower Upper
 96 100
 61 279.4 120.7 224.1#
 63 1163.0 90.0 167.2#

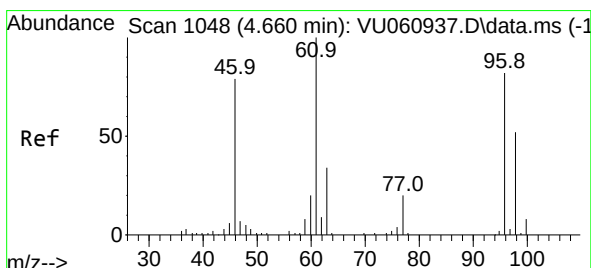
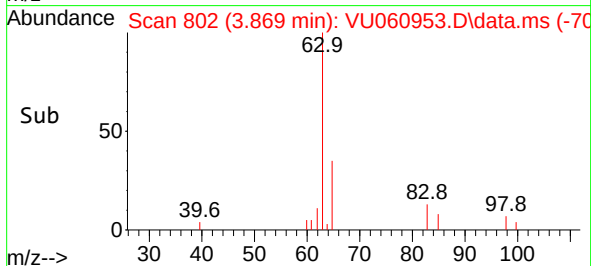
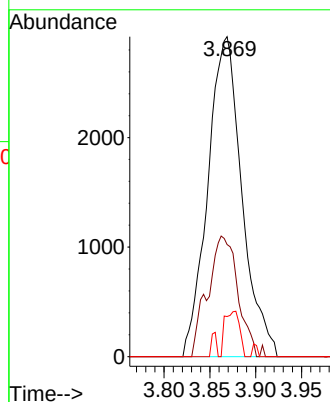
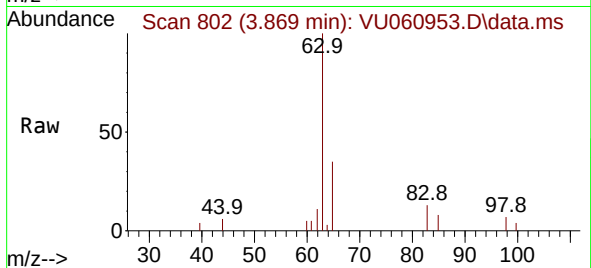




#19
1,1-Dichloroethane
Concen: 0.468 ug/L
RT: 3.869 min Scan# 800
Delta R.T. 0.006 min
Lab File: VU060953.D
Acq: 20 Sep 2024 19:16

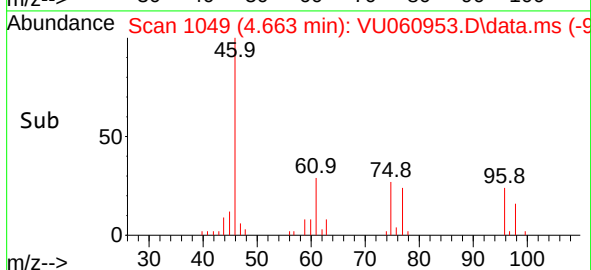
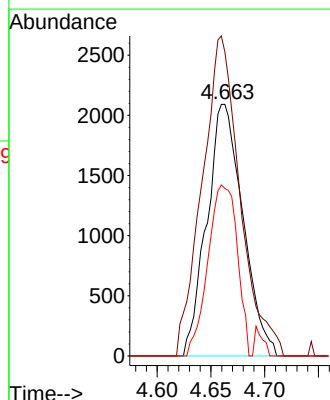
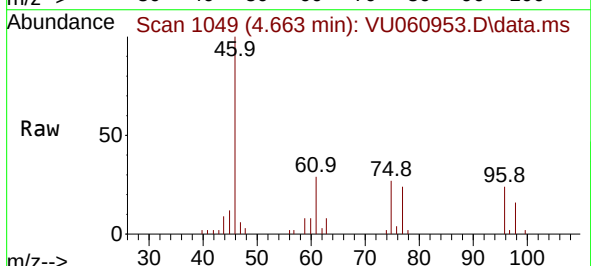
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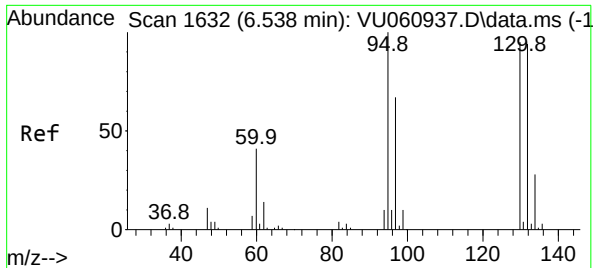
Tgt Ion: 63 Resp: 7556
Ion Ratio Lower Upper
63 100
65 33.9 23.0 42.8
83 12.1 9.0 16.6



#22
cis-1,2-Dichloroethene
Concen: 0.549 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU060953.D
Acq: 20 Sep 2024 19:16

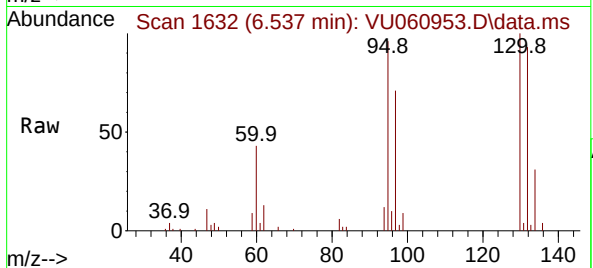
Tgt Ion: 96 Resp: 4890
Ion Ratio Lower Upper
96 100
61 113.0 89.7 166.5
98 62.2 45.1 83.9





#34
 Trichloroethene
 Concen: 2.404 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU060953.D
 Acq: 20 Sep 2024 19:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q3



Tgt Ion: 95 Resp: 22546

Ion	Ratio	Lower	Upper
95	100		
97	73.9	44.9	83.5
132	97.6	63.5	117.9
130	104.7	70.2	130.4

