

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060970.D
 Acq On : 23 Sep 2024 12:22
 Operator : MD/SY
 Sample : P4092-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B37

Quant Time: Sep 24 06:08:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

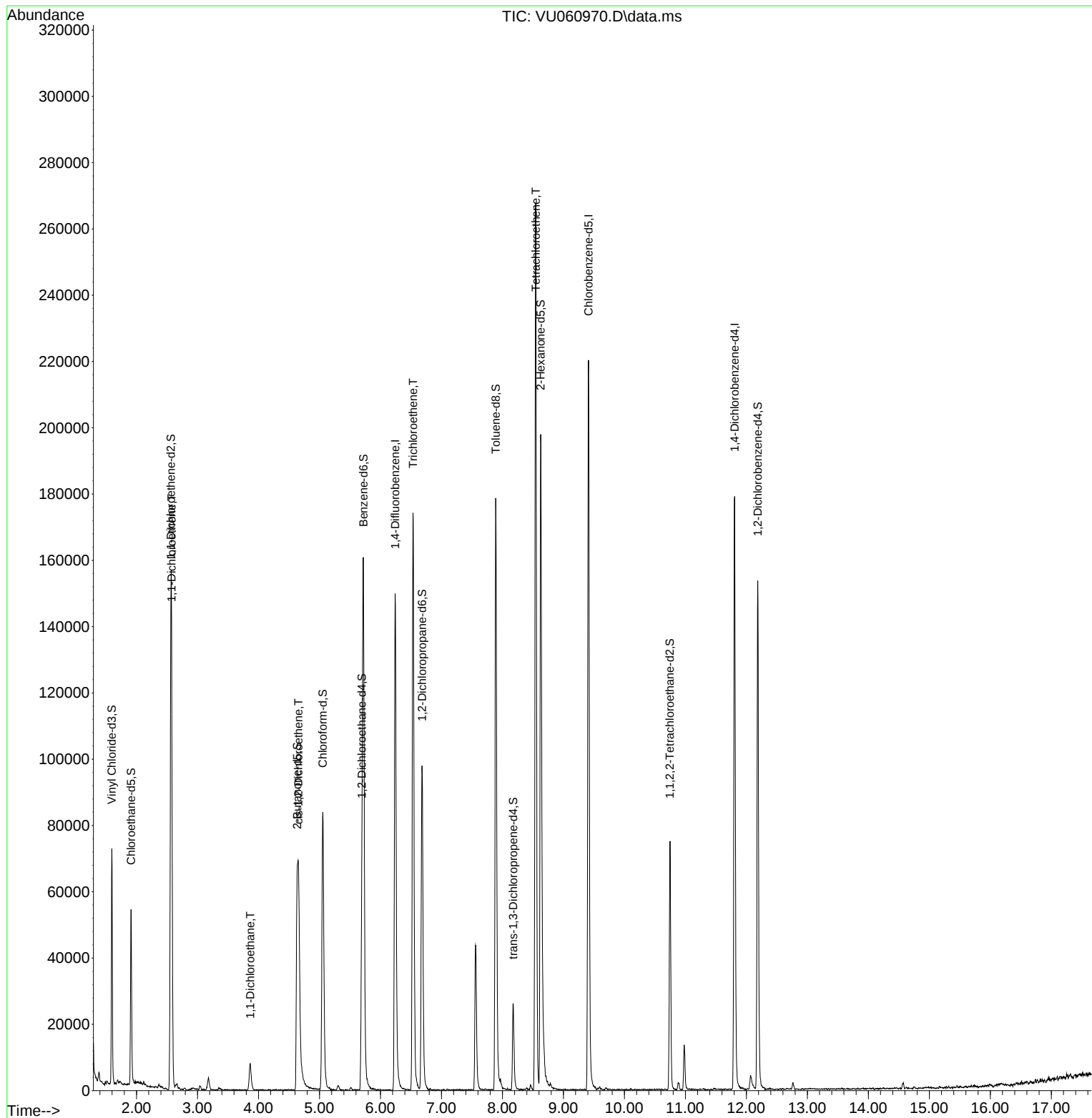
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	132784	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	138784	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	54342	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49893	4.178	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.911	69	39925	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.563	65	18836	4.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.634	46	85826	44.764	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.520%
24) Chloroform-d	5.055	84	82347	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	40945	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.721	84	156955	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.682	67	54293	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.891	98	132532	3.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.177	79	17320	4.181	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.627	63	74287	45.458	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	40445	4.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	44518	4.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	31407	3.760	ug/L	94
19) 1,1-Dichloroethane	3.865	63	10200	0.587	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	22579	2.357	ug/L	90
34) Trichloroethene	6.534	95	63892	6.387	ug/L	96
47) Tetrachloroethene	8.547	164	63844	8.031	ug/L	98

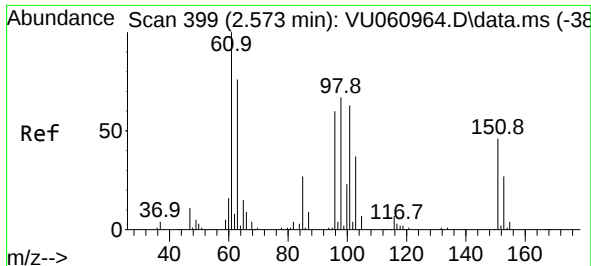
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.760 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU060970.D

Acq: 23 Sep 2024 12:22

Instrument :

MSVOA_U

ClientSampleId :

C0B37

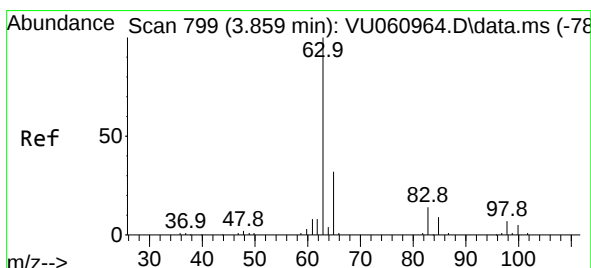
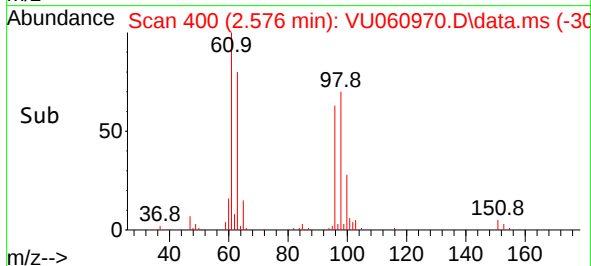
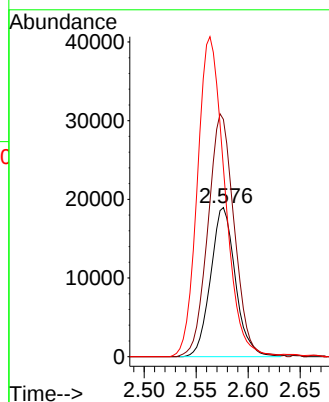
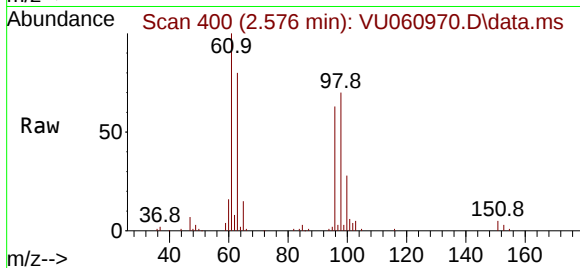
Tgt Ion: 96 Resp: 31407

Ion Ratio Lower Upper

96 100

61 159.1 120.7 224.1

63 126.7 90.0 167.2



#19

1,1-Dichloroethane

Concen: 0.587 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU060970.D

Acq: 23 Sep 2024 12:22

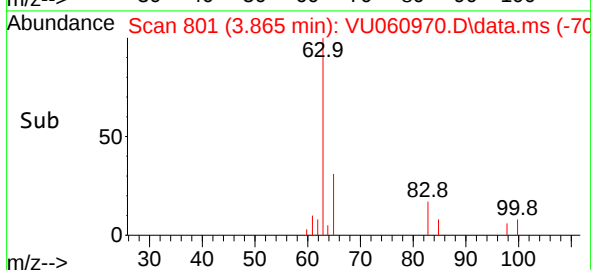
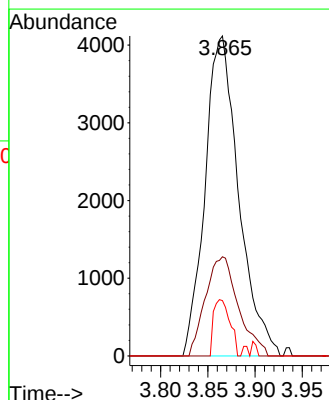
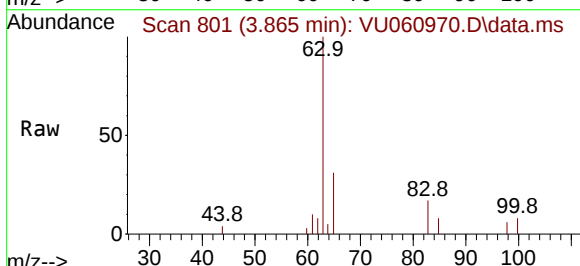
Tgt Ion: 63 Resp: 10200

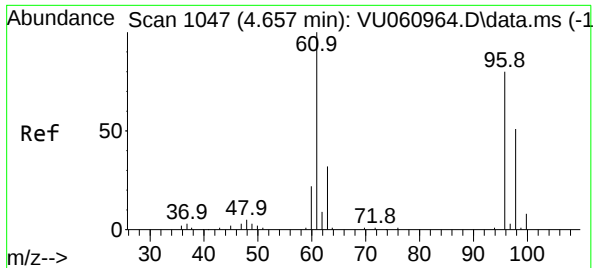
Ion Ratio Lower Upper

63 100

65 29.6 23.0 42.8

83 16.5 9.0 16.6

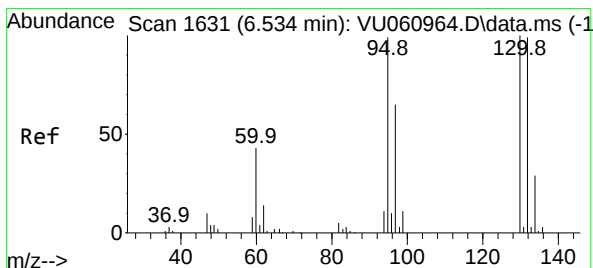
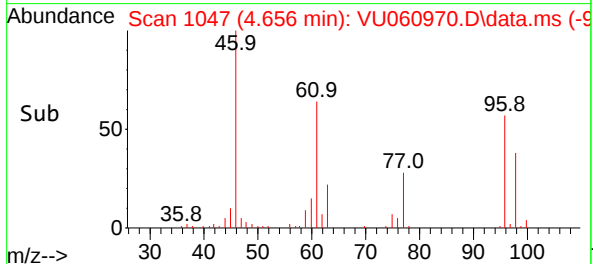
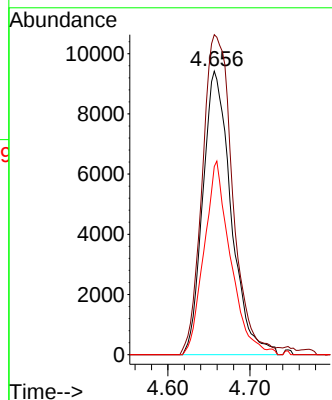
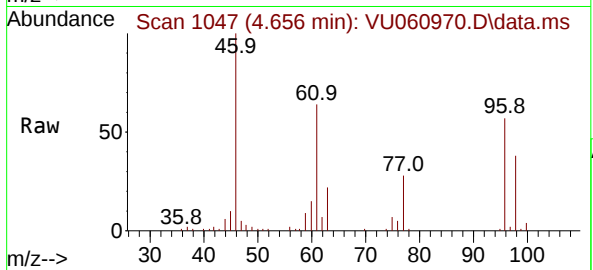




#22
 cis-1,2-Dichloroethene
 Concen: 2.357 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU060970.D
 Acq: 23 Sep 2024 12:22

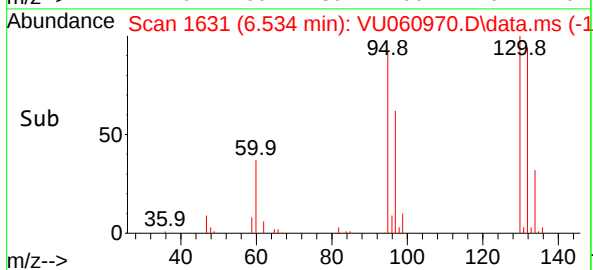
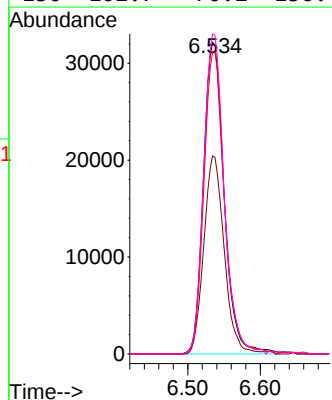
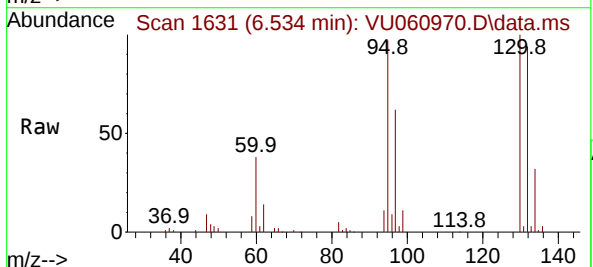
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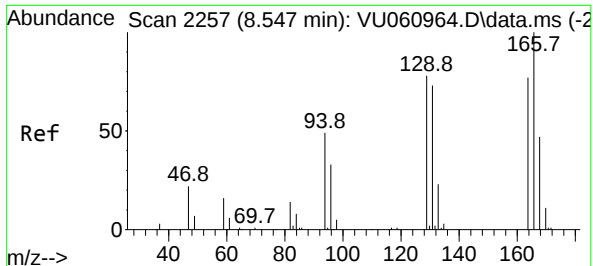
Tgt Ion:	96	Resp:	22579
Ion	Ratio	Lower	Upper
96	100		
61	112.9	89.7	166.5
98	66.4	45.1	83.9



#34
 Trichloroethene
 Concen: 6.387 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VU060970.D
 Acq: 23 Sep 2024 12:22

Tgt Ion:	95	Resp:	63892
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.9	83.5
132	97.0	63.5	117.9
130	102.7	70.2	130.4





#47
 Tetrachloroethene
 Concen: 8.031 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU060970.D
 Acq: 23 Sep 2024 12:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B37

Tgt Ion:164 Resp: 63844

Ion	Ratio	Lower	Upper
164	100		
129	94.8	67.3	124.9
131	90.7	65.4	121.4
166	129.2	89.5	166.1

