

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081224\
 Data File : VU060408.D
 Acq On : 12 Aug 2024 16:21
 Operator : MD/SY
 Sample : P3540-02DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B39DL

Quant Time: Aug 13 02:25:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 13 02:20:56 2024
 Response via : Initial Calibration

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

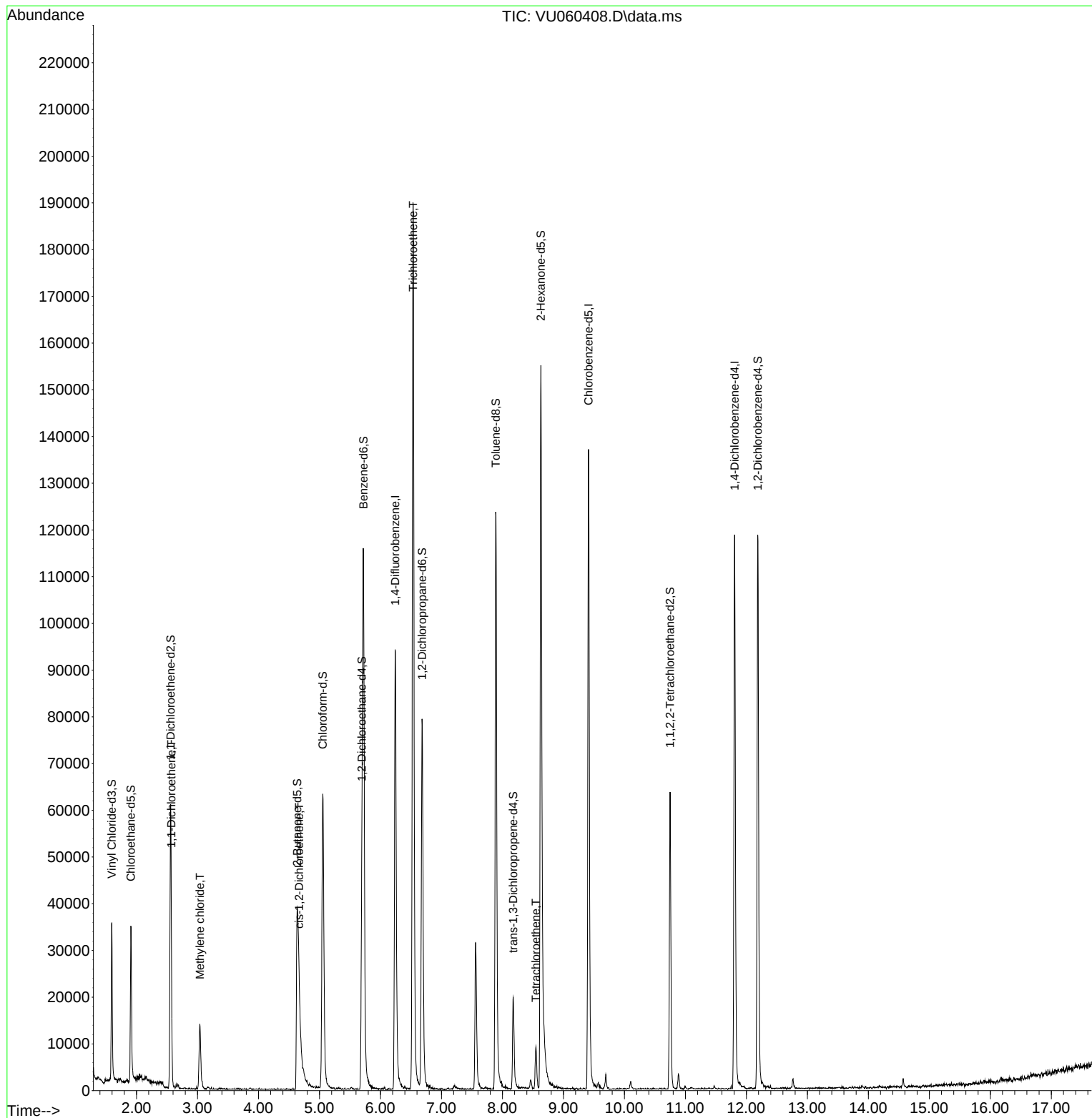
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78213	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83530	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23891	3.891	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.907	69	24859	4.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.560	65	10988	4.205	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.634	46	76696	58.865	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.720%
24) Chloroform-d	5.055	84	60741	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	31755	5.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.721	84	109630	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.685	67	39415	5.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	90075	4.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	11838	4.686	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.630	63	56431	50.338	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	31987	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	34122	5.504	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	1135	0.220	ug/L	# 1
16) Methylene chloride	3.039	84	7078	0.965	ug/L	88
22) cis-1,2-Dichloroethene	4.666	96	2567	0.420	ug/L	90
34) Trichloroethene	6.534	95	68267	10.844	ug/L	98
47) Tetrachloroethene	8.550	164	2446	0.497	ug/L	90

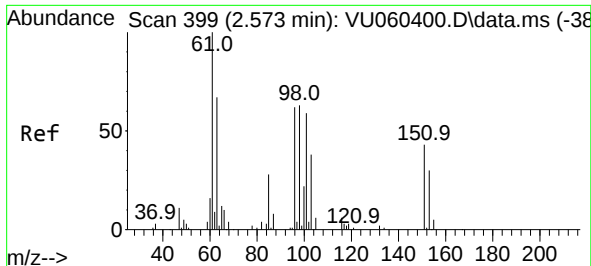
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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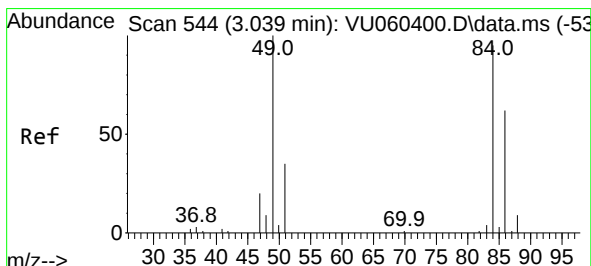
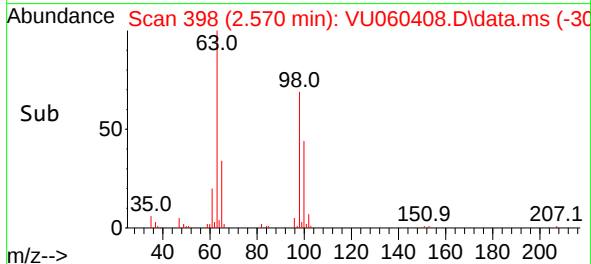
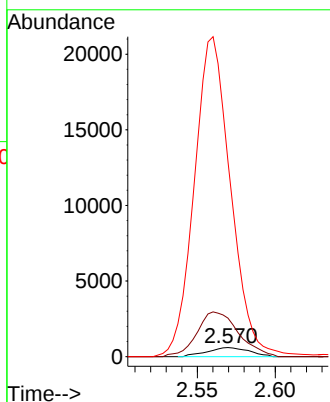
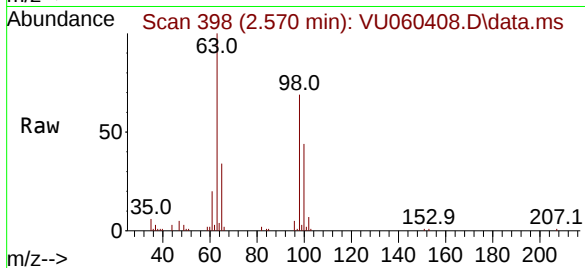




#12
1,1-Dichloroethene
Concen: 0.220 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060408.D
Acq: 12 Aug 2024 16:21

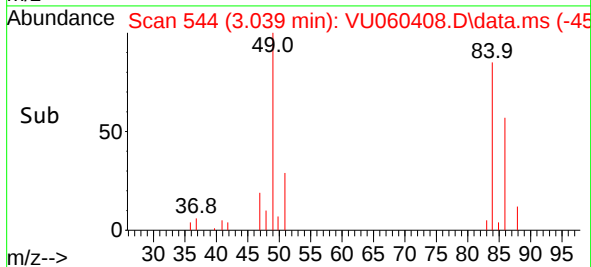
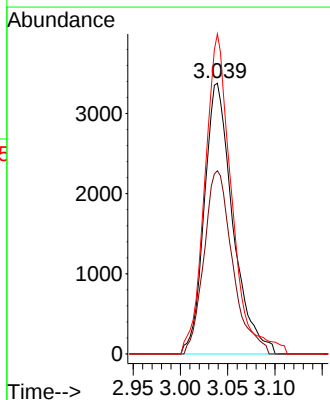
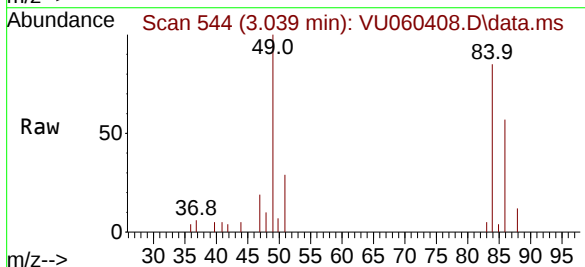
Instrument :
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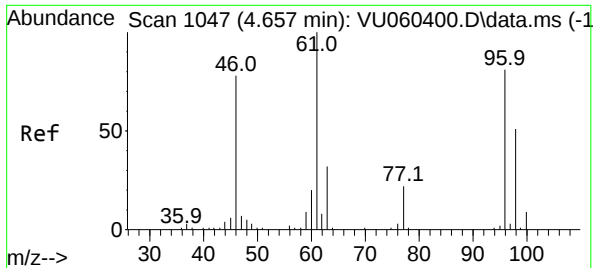
Tgt Ion: 96 Resp: 1135
Ion Ratio Lower Upper
96 100
61 422.1 114.4 212.4#
63 2143.1 96.0 178.4#



#16
Methylene chloride
Concen: 0.965 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060408.D
Acq: 12 Aug 2024 16:21

Tgt Ion: 84 Resp: 7078
Ion Ratio Lower Upper
84 100
86 67.6 47.1 87.5
49 126.1 73.9 137.3

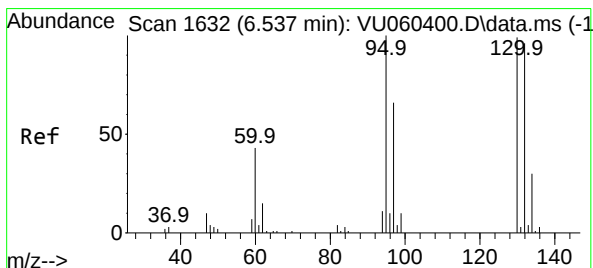
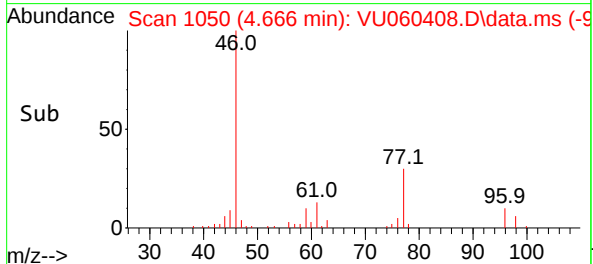
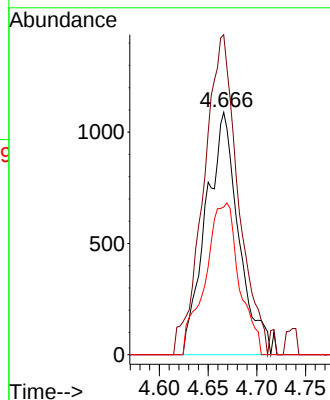
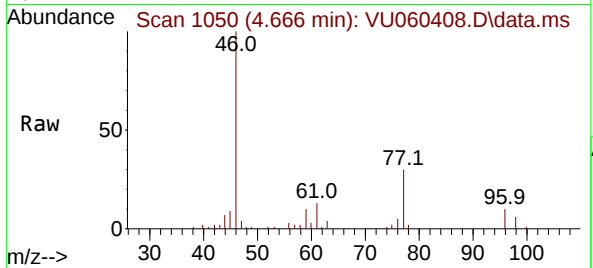




#22
cis-1,2-Dichloroethene
Concen: 0.420 ug/L
RT: 4.666 min Scan# 1047
Delta R.T. 0.010 min
Lab File: VU060408.D
Acq: 12 Aug 2024 16:21

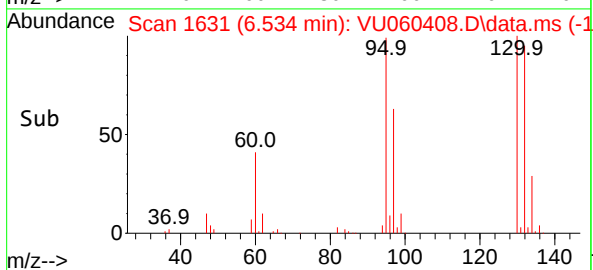
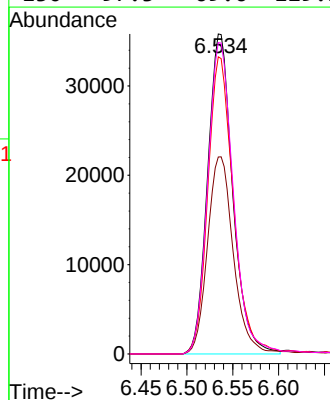
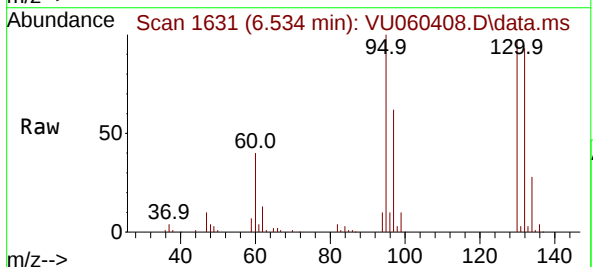
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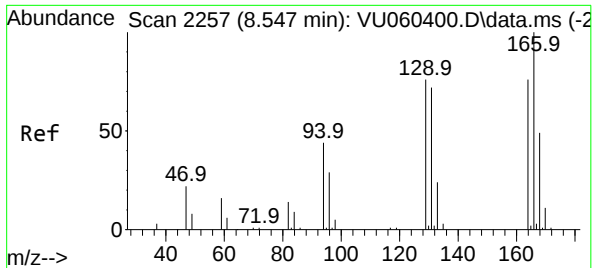
Tgt Ion: 96 Resp: 2567
Ion Ratio Lower Upper
96 100
61 132.0 81.5 151.5
98 61.0 43.5 80.7



#34
Trichloroethene
Concen: 10.844 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060408.D
Acq: 12 Aug 2024 16:21

Tgt Ion: 95 Resp: 68267
Ion Ratio Lower Upper
95 100
97 61.5 43.6 81.0
132 92.9 67.1 124.5
130 97.3 69.6 129.2





#47
 Tetrachloroethene
 Concen: 0.497 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU060408.D
 Acq: 12 Aug 2024 16:21

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B39DL

Tgt Ion:164	Resp:	2446
Ion	Ratio	Lower Upper
164	100	
129	93.8	69.0 128.1
131	63.2	62.6 116.3
166	124.9	89.2 165.8

