

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062194.D
 Acq On : 10 Dec 2024 06:53
 Operator : MD/SY
 Sample : P5111-01DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG450DL

Quant Time: Dec 10 07:37:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:32:19 2024
 Response via : Initial Calibration

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

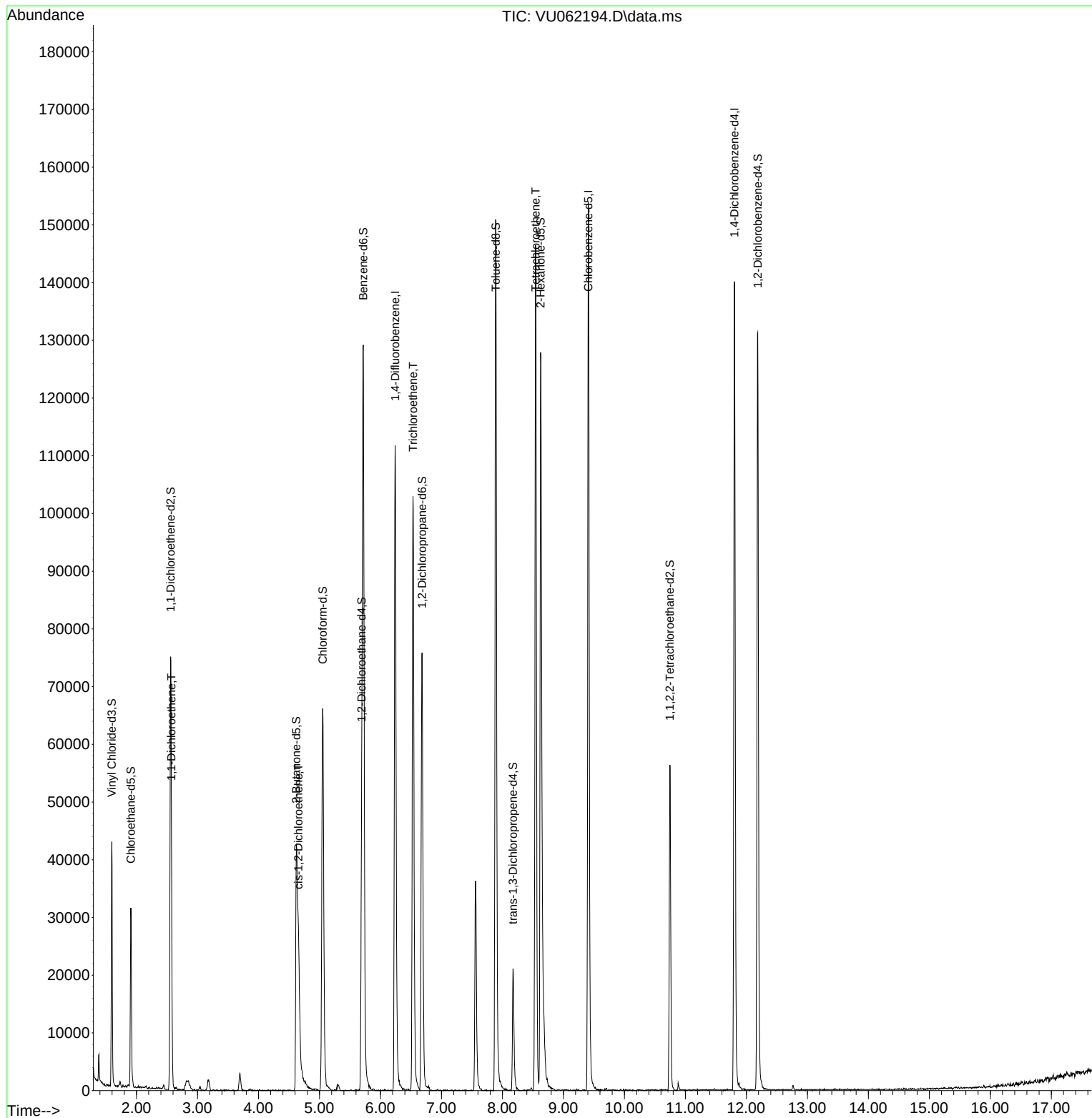
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	96079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29385	4.534	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.907	69	22048	4.783	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.560	65	13580	4.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.621	46	60412	48.641	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.280%
24) Chloroform-d	5.052	84	66233	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.692	65	36690	5.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.718	84	121086	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.682	67	35282	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	108767	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.174	79	14219	4.355	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.627	63	45571	46.263	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.520%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28029	4.856	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	38817	5.082	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	3663	0.565	ug/L	# 1
22) cis-1,2-Dichloroethene	4.656	96	7982	1.068	ug/L	96
34) Trichloroethene	6.534	95	37783	4.782	ug/L	96
47) Tetrachloroethene	8.544	164	33457	5.484	ug/L	97

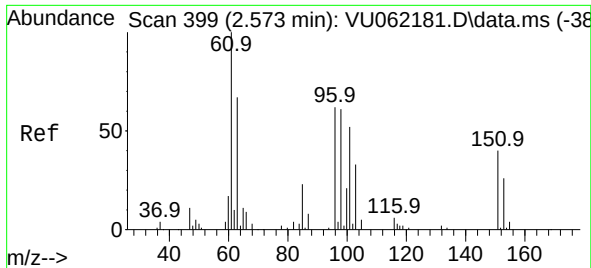
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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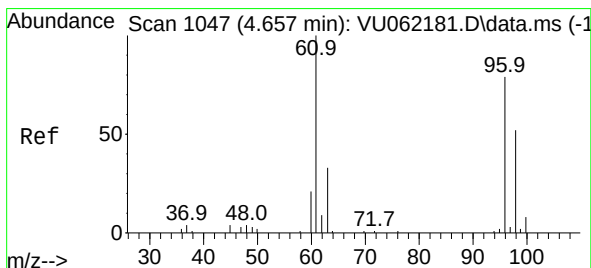
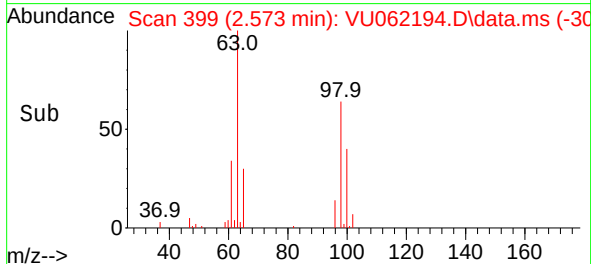
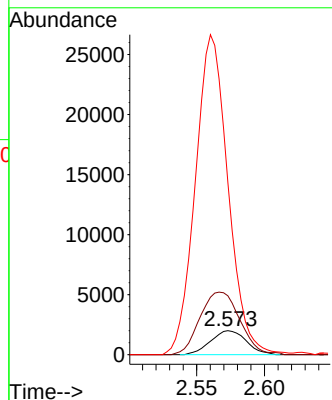
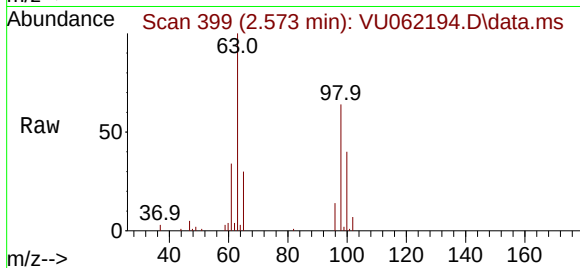




#12
1,1-Dichloroethene
Concen: 0.565 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062194.D
Acq: 10 Dec 2024 06:53

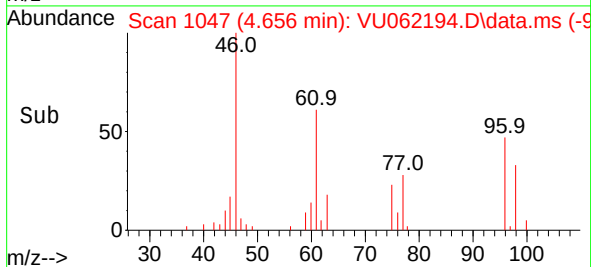
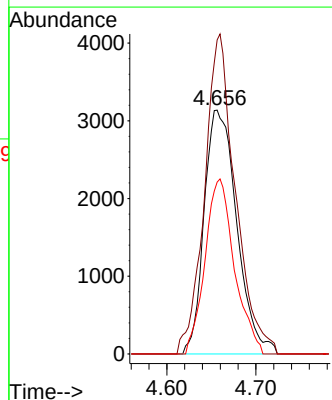
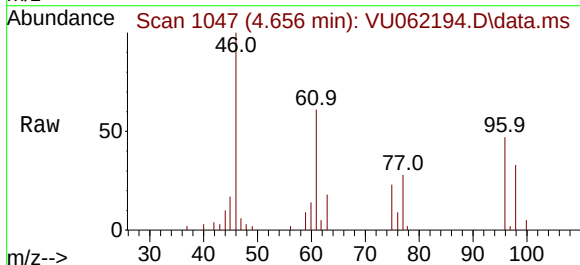
Instrument :
MSVOA_U
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BG450DL

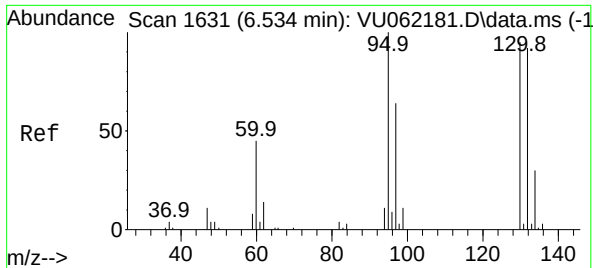
Tgt Ion: 96 Resp: 3663
Ion Ratio Lower Upper
96 100
61 245.3 119.6 222.2#
63 717.7 65.0 120.6#



#22
cis-1,2-Dichloroethene
Concen: 1.068 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU062194.D
Acq: 10 Dec 2024 06:53

Tgt Ion: 96 Resp: 7982
Ion Ratio Lower Upper
96 100
61 128.8 92.0 170.8
98 70.5 44.5 82.7

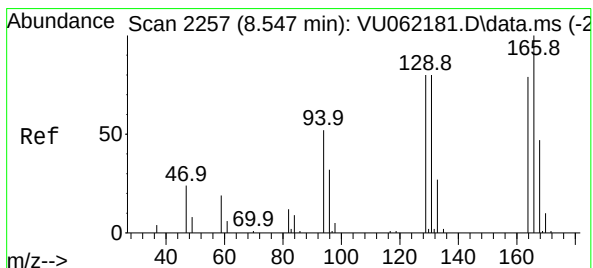
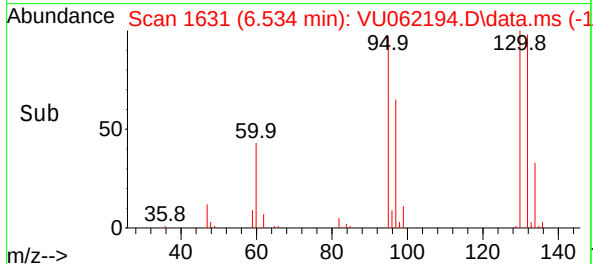
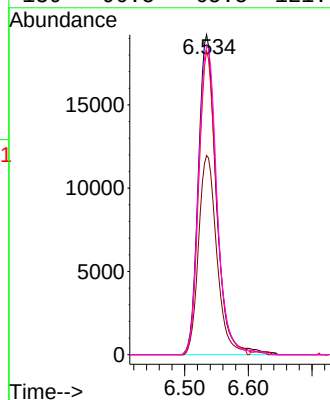
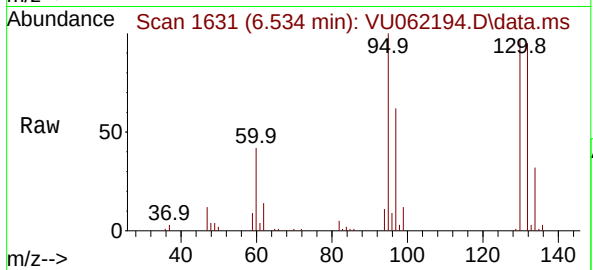




#34
Trichloroethene
Concen: 4.782 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
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Instrument :
MSVOA_U
ClientSampleId :
BG450DL

Tgt Ion: 95 Resp: 37783
Ion Ratio Lower Upper
95 100
97 62.3 45.9 85.3
132 95.0 63.8 118.4
130 96.5 65.5 121.7



#47
Tetrachloroethene
Concen: 5.484 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062194.D
Acq: 10 Dec 2024 06:53

Tgt Ion:164 Resp: 33457
Ion Ratio Lower Upper
164 100
129 102.5 73.2 136.0
131 97.5 72.3 134.3
166 126.0 90.2 167.4

