

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
 Data File : VU062130.D
 Acq On : 06 Dec 2024 13:44
 Operator : MD/SY
 Sample : P5109-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 23:15:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

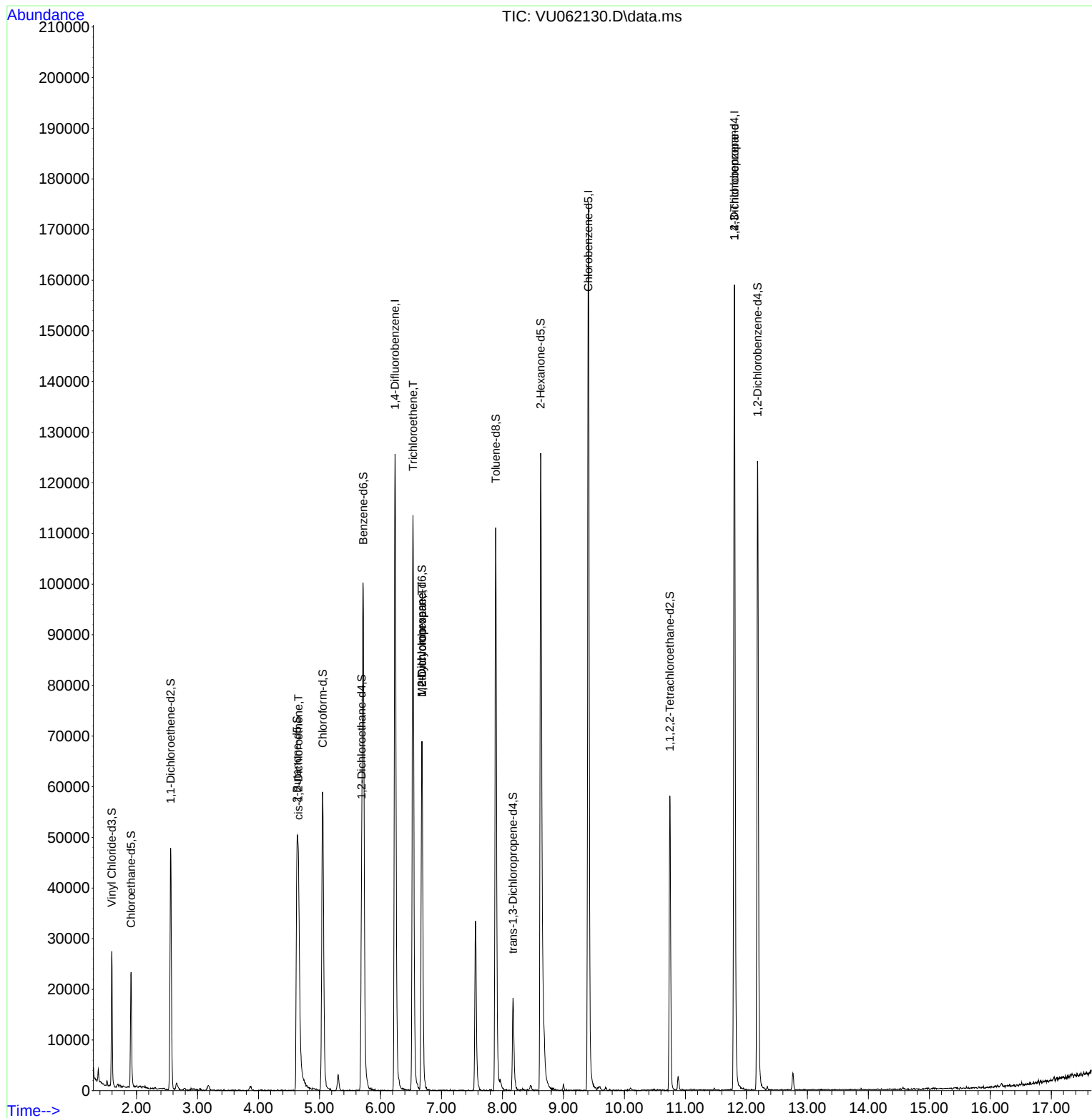
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	107840	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46511	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18600	3.516	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.400%	
7) Chloroethane-d5	1.911	69	16874	3.606	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.200%	
11) 1,1-Dichloroethene-d2	2.560	65	8900	4.211	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.200%	
20) 2-Butanone-d5	4.631	46	68751	41.389	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.780%	
24) Chloroform-d	5.052	84	58652	4.545	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.692	65	31692	4.772	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	5.718	84	95736	4.806	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.679	67	32745	4.837	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.891	98	78319	4.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	8.174	79	12603	5.029	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.600%	
46) 2-Hexanone-d5	8.627	63	47206	41.270	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.540%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29016	4.290	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.800%	
66) 1,2-Dichlorobenzene-d4	12.184	152	35523	5.165	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
22) cis-1,2-Dichloroethene	4.657	96	13932	1.619	ug/L	94
34) Trichloroethene	6.534	95	41336	5.016	ug/L	96
35) Methylcyclohexane	6.679	83	8416	0.668	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3676	0.458	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	5031	0.936	ug/L #	68

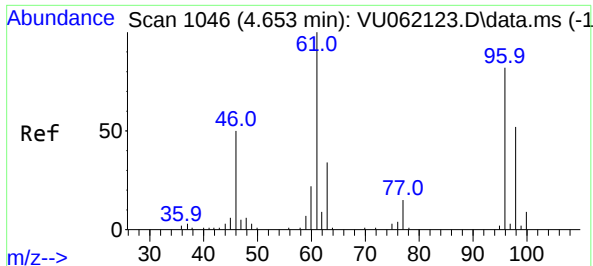
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 1.619 ug/L

RT: 4.657 min Scan# 1046

Delta R.T. -0.000 min

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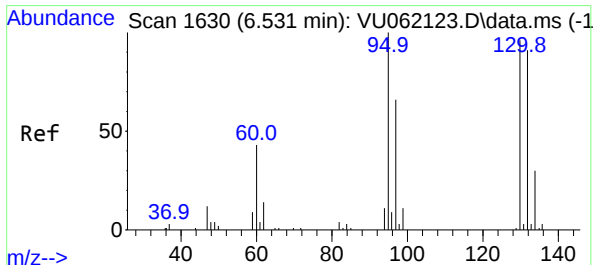
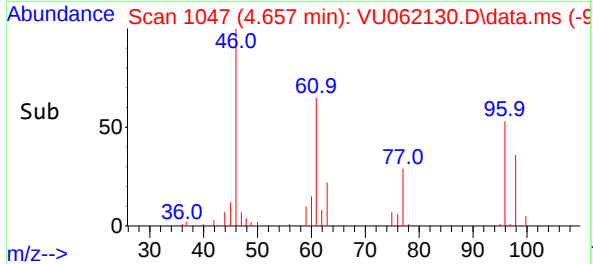
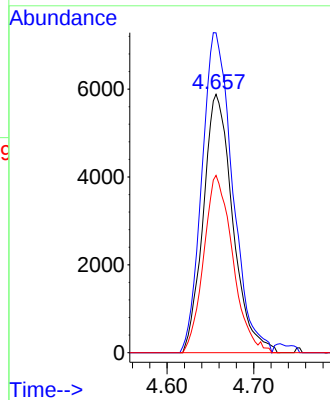
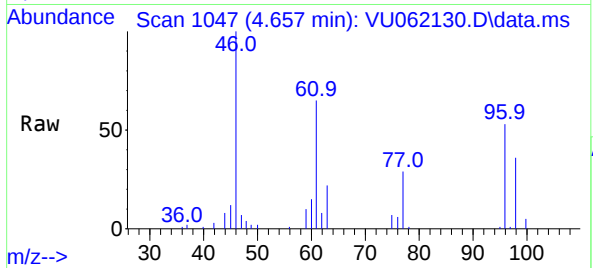
Tgt Ion: 96 Resp: 13932

Ion Ratio Lower Upper

96 100

61 123.8 92.0 170.8

98 68.6 44.5 82.7



#34

Trichloroethene

Concen: 5.016 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

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Tgt Ion: 95 Resp: 41336

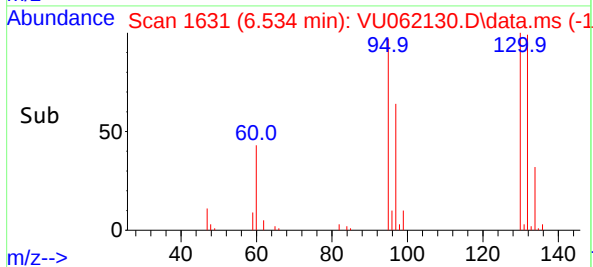
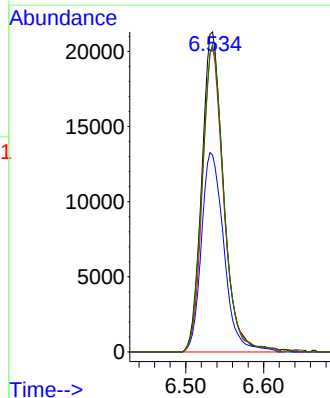
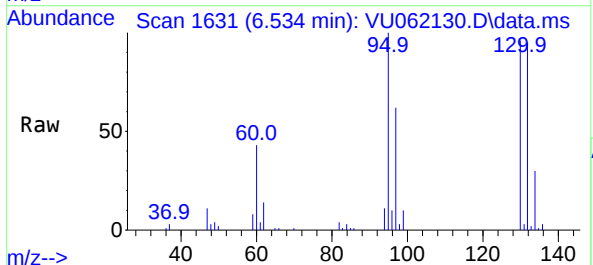
Ion Ratio Lower Upper

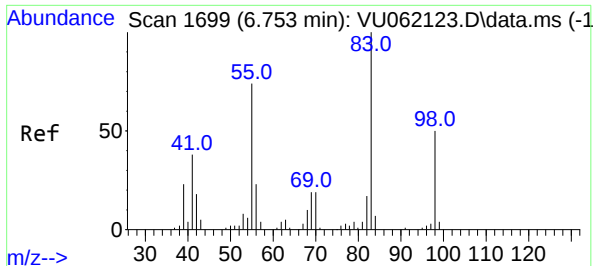
95 100

97 61.6 45.9 85.3

132 95.5 63.8 118.4

130 96.1 65.5 121.7

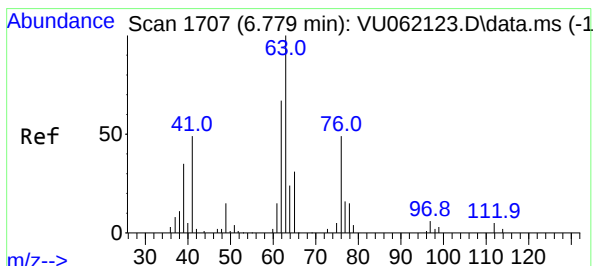
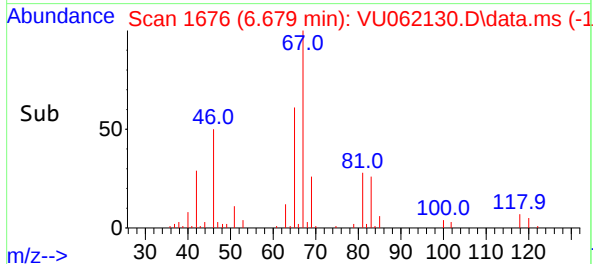
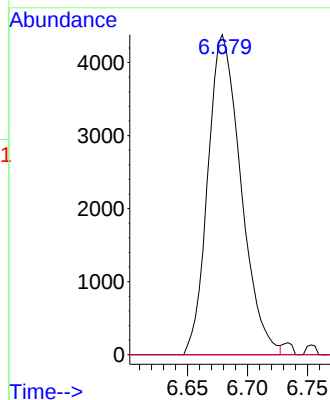
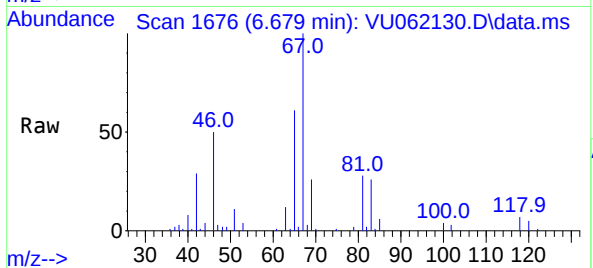




#35
Methylcyclohexane
Concen: 0.668 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
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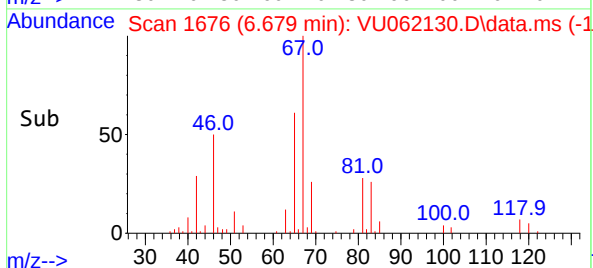
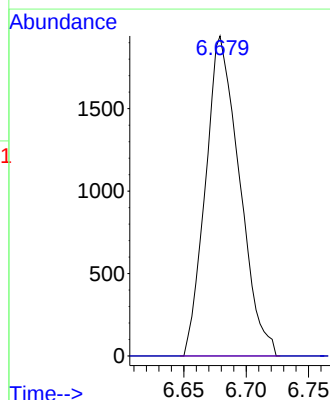
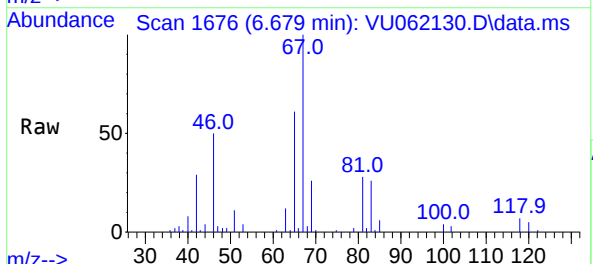
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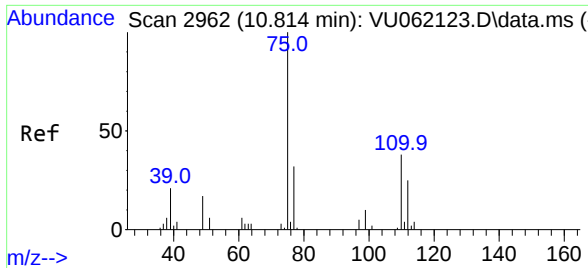
Tgt Ion: 83 Resp: 8416
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 3.5 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.458 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU062130.D
Acq: 06 Dec 2024 13:44

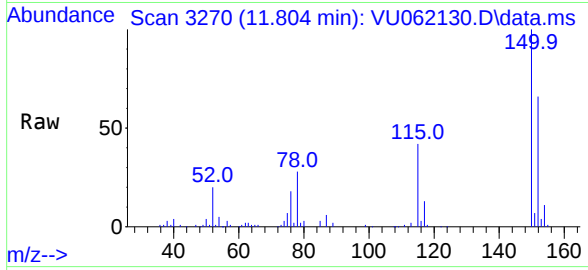
Tgt Ion: 63 Resp: 3676
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#61
1,2,3-Trichloropropane
Concen: 0.936 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062130.D
Acq: 06 Dec 2024 13:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 5031
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 32.6 26.5 39.7

