

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
 Data File : VU062131.D
 Acq On : 06 Dec 2024 14:06
 Operator : MD/SY
 Sample : P5109-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 23:15:52 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

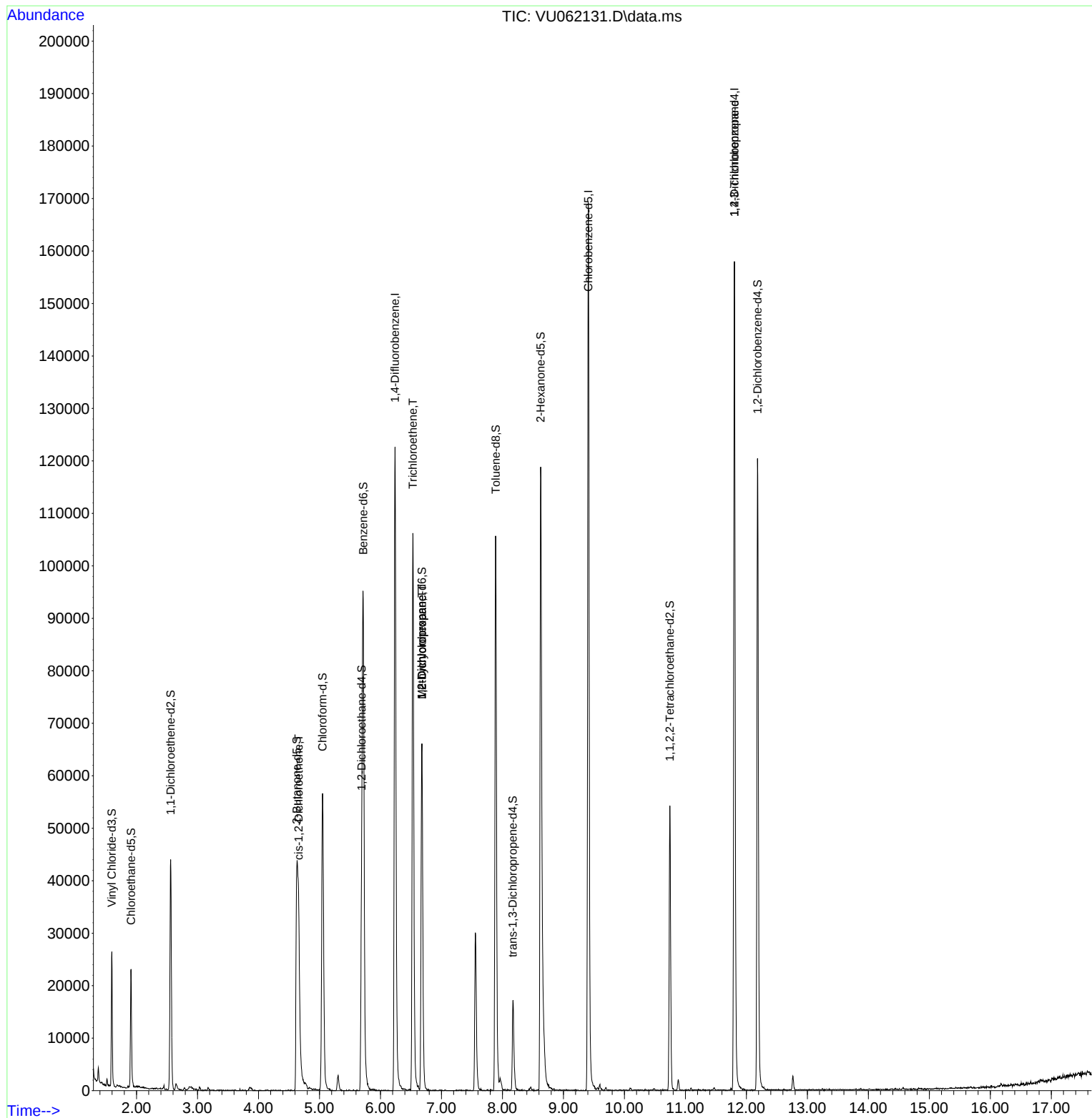
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	106187	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97180	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45379	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18439	3.540	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.800%	
7) Chloroethane-d5	1.911	69	16393	3.558	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.200%	
11) 1,1-Dichloroethene-d2	2.560	65	8446	4.059	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.200%	
20) 2-Butanone-d5	4.627	46	63514	38.831	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.660%	
24) Chloroform-d	5.049	84	57166	4.499	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.692	65	30332	4.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.717	84	93076	4.916	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
36) 1,2-Dichloropropane-d6	6.679	67	32063	4.984	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.891	98	76906	4.870	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	8.171	79	12296	5.163	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.200%	
46) 2-Hexanone-d5	8.627	63	44063	40.532	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.060%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27147	4.223	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.400%	
66) 1,2-Dichlorobenzene-d4	12.183	152	33982	5.064	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
22) cis-1,2-Dichloroethene	4.660	96	13367	1.578	ug/L	91
34) Trichloroethene	6.531	95	39624	5.059	ug/L	97
35) Methylcyclohexane	6.679	83	7938	0.663	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3771	0.495	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	4855	0.925	ug/L #	69

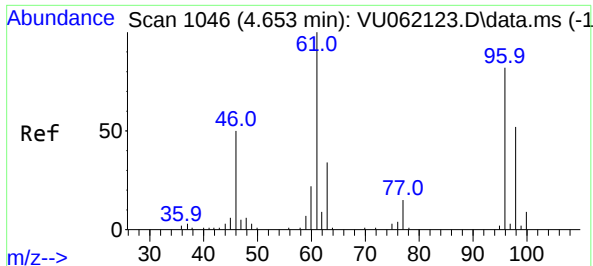
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 1.578 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

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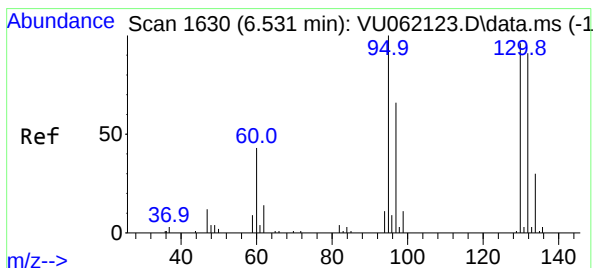
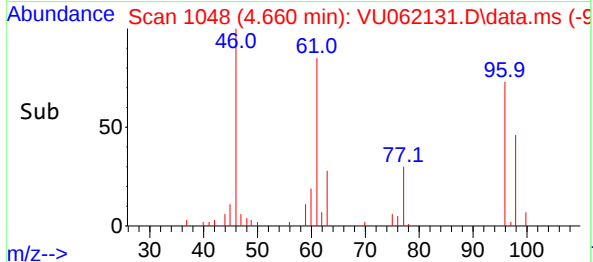
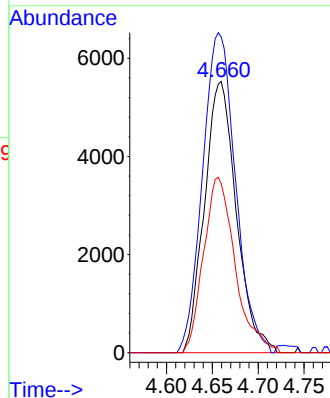
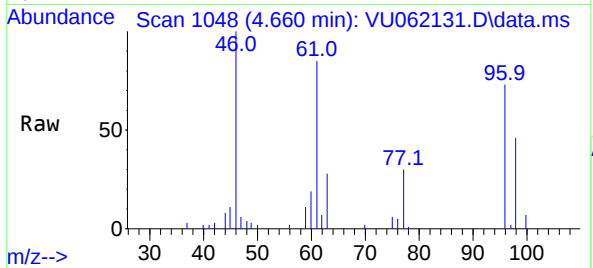
Tgt Ion: 96 Resp: 13367

Ion Ratio Lower Upper

96 100

61 116.5 92.0 170.8

98 62.4 44.5 82.7



#34

Trichloroethene

Concen: 5.059 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. -0.003 min

Lab File: VU062131.D

Acq: 06 Dec 2024 14:06

Tgt Ion: 95 Resp: 39624

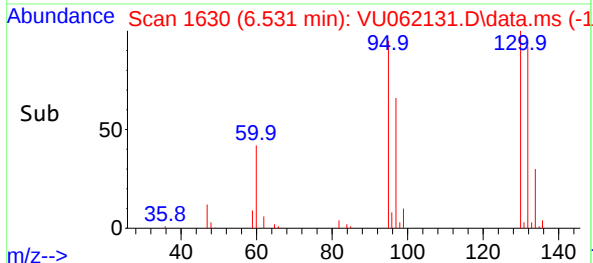
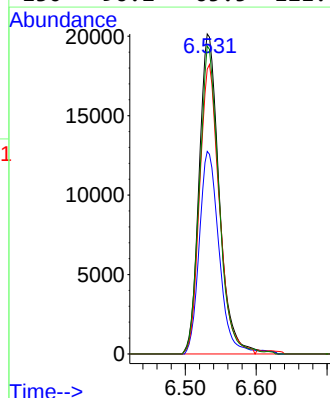
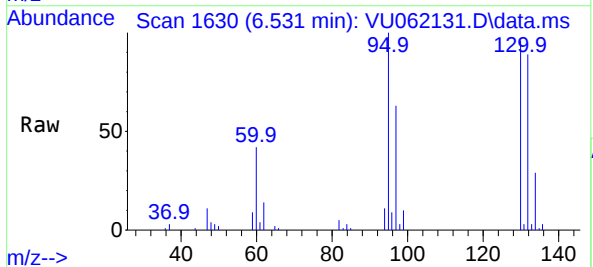
Ion Ratio Lower Upper

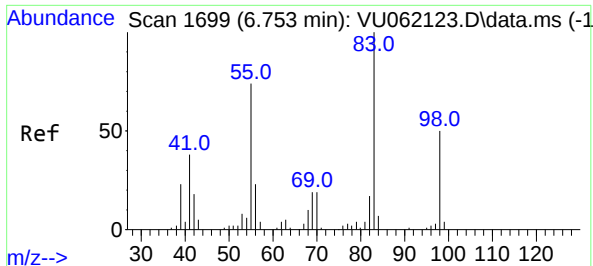
95 100

97 63.3 45.9 85.3

132 89.0 63.8 118.4

130 96.2 65.5 121.7





#35

Methylcyclohexane

Concen: 0.663 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

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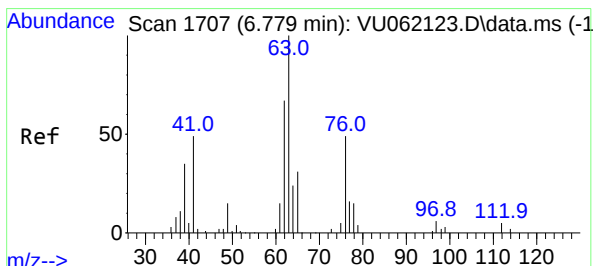
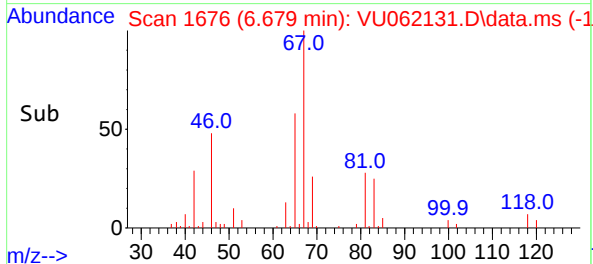
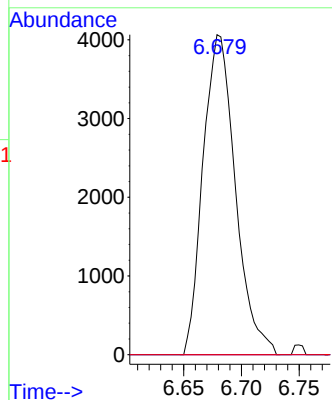
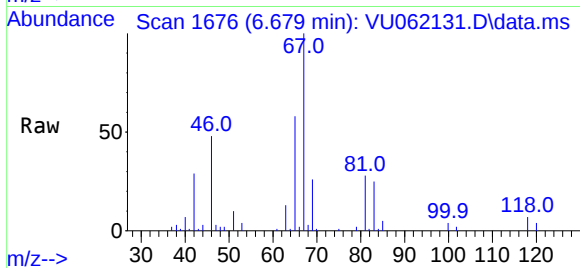
Tgt Ion: 83 Resp: 7938

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.9 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.495 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU062131.D

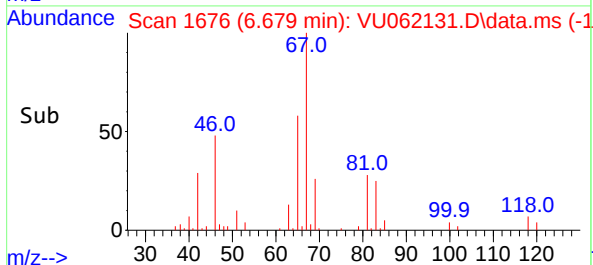
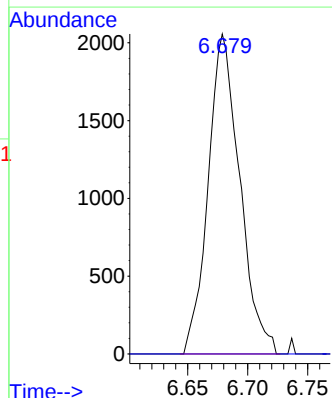
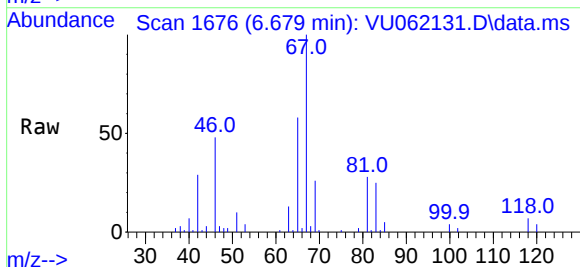
Acq: 06 Dec 2024 14:06

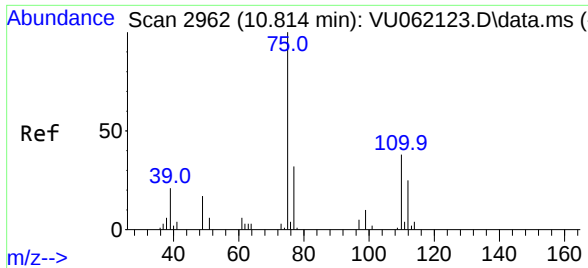
Tgt Ion: 63 Resp: 3771

Ion Ratio Lower Upper

63 100

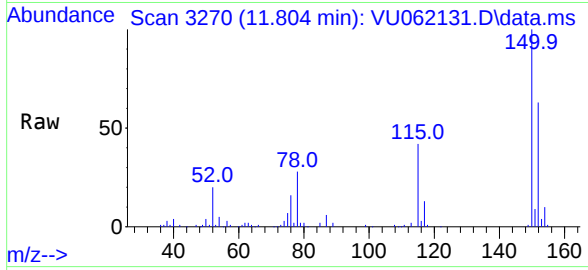
112 0.0 3.4 5.0#





#61
 1,2,3-Trichloropropane
 Concen: 0.925 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062131.D
 Acq: 06 Dec 2024 14:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4855

Ion	Ratio	Lower	Upper
75	100		
110	1.4	28.9	43.3#
77	33.3	26.5	39.7

