

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054174.D
 Acq On : 18 May 2023 18:52
 Operator : JC/MD
 Sample : 02844-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBX02

Quant Time: May 19 02:09:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 02:02:28 2023
 Response via : Initial Calibration

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

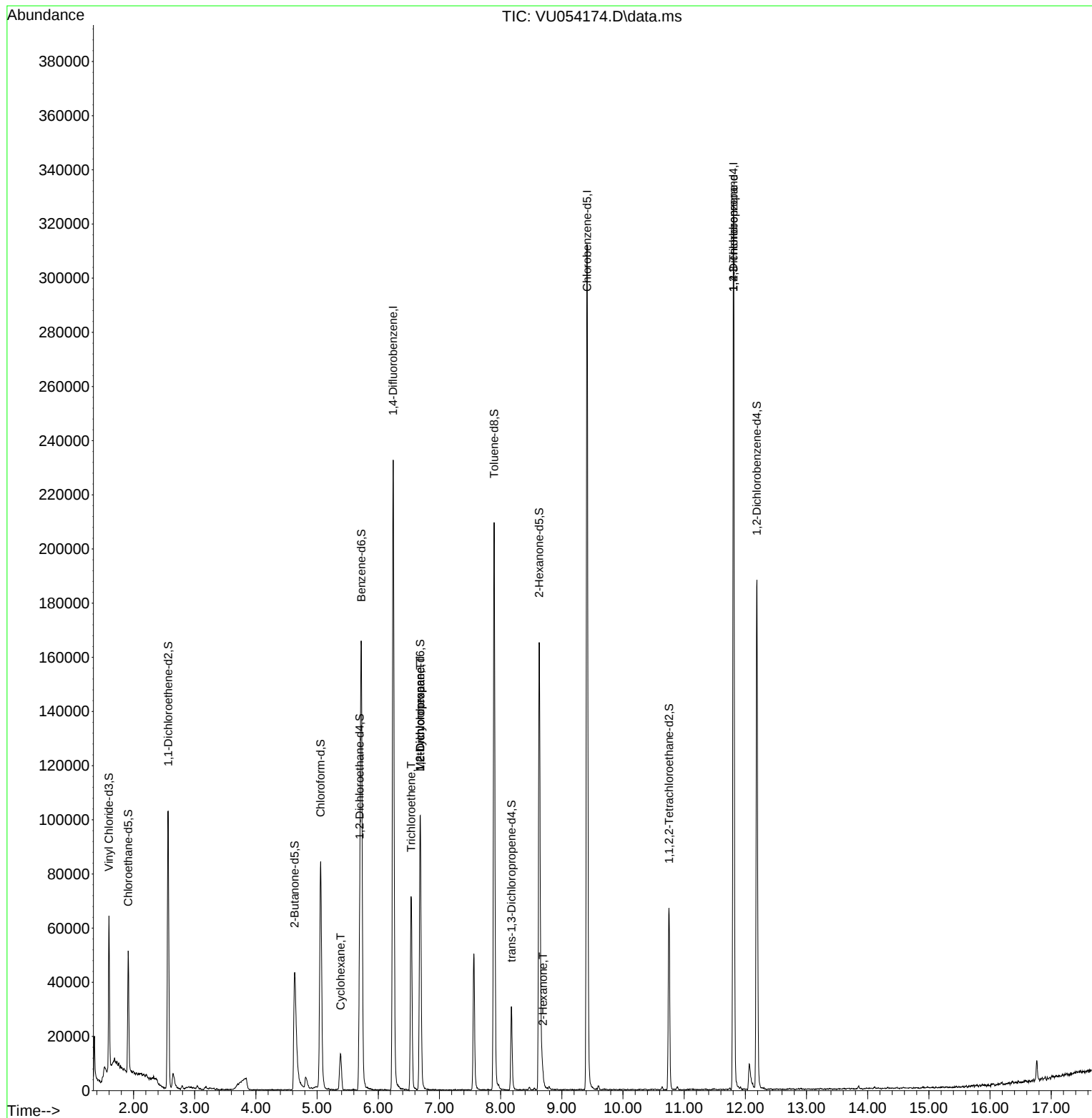
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	194428	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	184046	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	88666	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41796	3.987	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.913	69	33569	4.281	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.600%	
11) 1,1-Dichloroethene-d2	2.565	65	20085	4.243	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.800%	
20) 2-Butanone-d5	4.633	46	81425	43.558	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.120%	
24) Chloroform-d	5.057	84	79717	4.045	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.800%	
26) 1,2-Dichloroethane-d4	5.697	65	39726	4.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
32) Benzene-d6	5.723	84	160520	4.283	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
36) 1,2-Dichloropropane-d6	6.684	67	49464	4.566	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.400%	
41) Toluene-d8	7.893	98	142920	4.038	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	8.176	79	18380	4.201	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.629	63	56786	43.588	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.180%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34159	4.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.000%	
66) 1,2-Dichlorobenzene-d4	12.189	152	52835	4.883	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						Qvalue
30) Cyclohexane	5.385	56	6549	0.349	ug/L	99
34) Trichloroethene	6.536	95	24987	1.784	ug/L	95
35) Methylcyclohexane	6.684	83	11598	0.566	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	5313	0.388	ug/L #	89
48) 2-Hexanone	8.690	43	3823	0.726	ug/L #	42
61) 1,2,3-Trichloropropane	11.806	75	11525	1.603	ug/L #	61

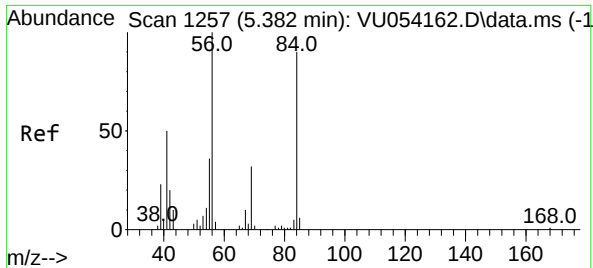
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Cyclohexane

Concen: 0.349 ug/L

RT: 5.385 min Scan# 11

Delta R.T. 0.003 min

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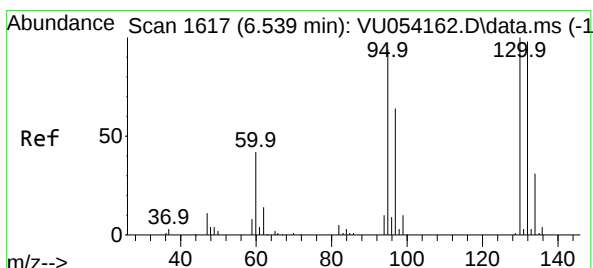
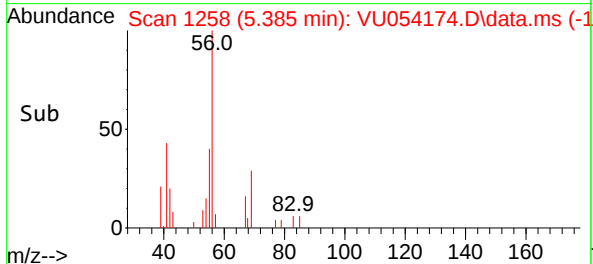
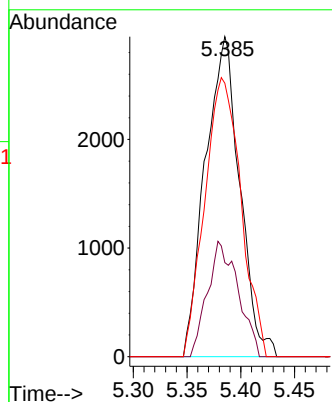
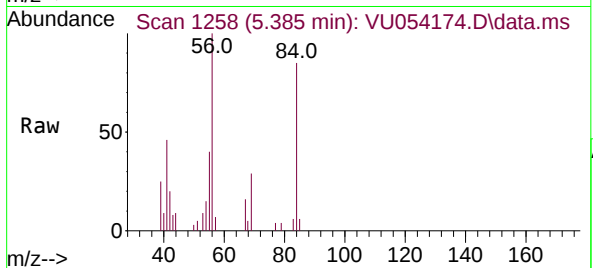
Tgt Ion: 56 Resp: 6549

Ion Ratio Lower Upper

56 100

69 32.1 26.2 39.4

84 91.6 74.2 111.4



#34

Trichloroethene

Concen: 1.784 ug/L

RT: 6.536 min Scan# 1616

Delta R.T. -0.003 min

Lab File: VU054174.D

Acq: 18 May 2023 18:52

Tgt Ion: 95 Resp: 24987

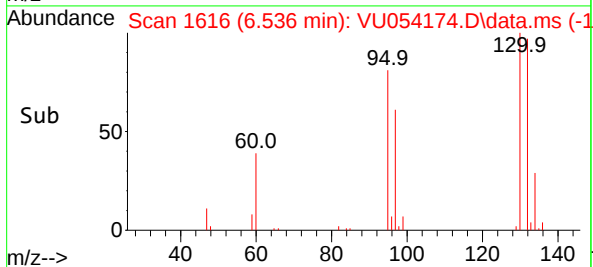
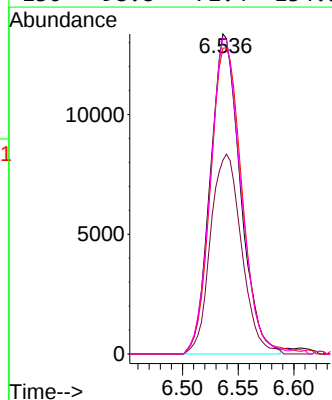
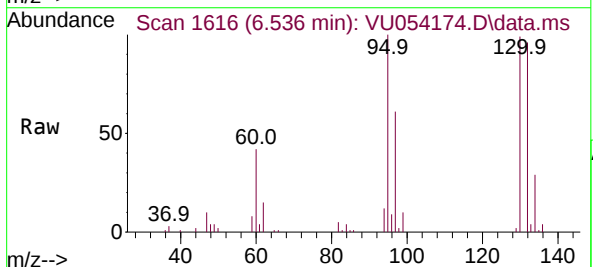
Ion Ratio Lower Upper

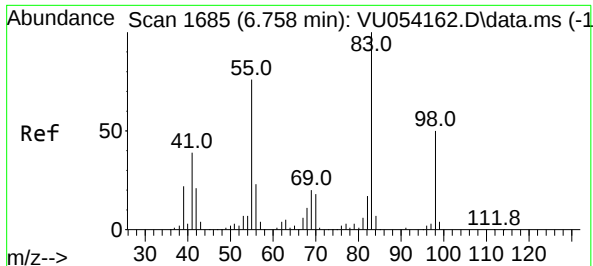
95 100

97 60.5 45.8 85.0

132 95.6 70.1 130.3

130 98.8 72.4 134.5





#35

Methylcyclohexane

Concen: 0.566 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

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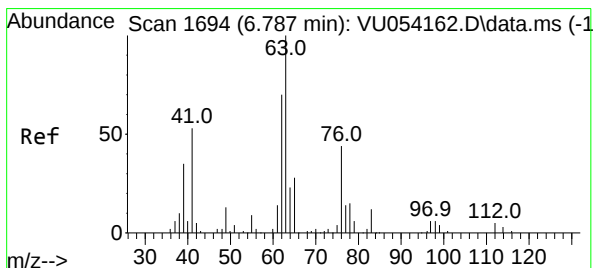
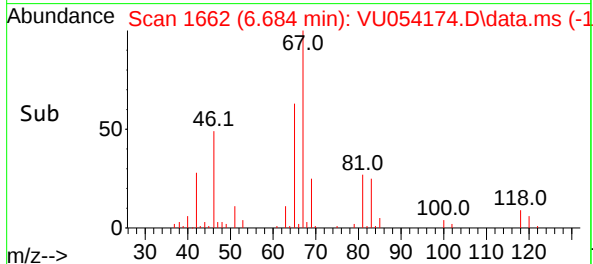
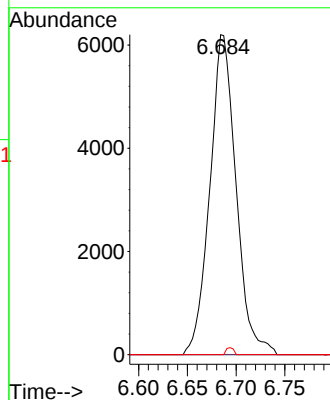
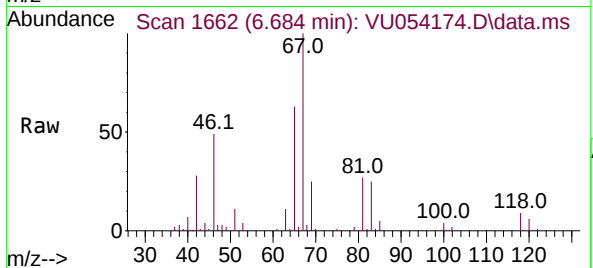
Tgt Ion: 83 Resp: 11598

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.6 41.3 61.9#



#37

1,2-Dichloropropane

Concen: 0.388 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU054174.D

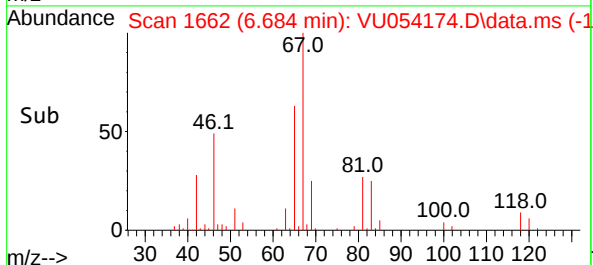
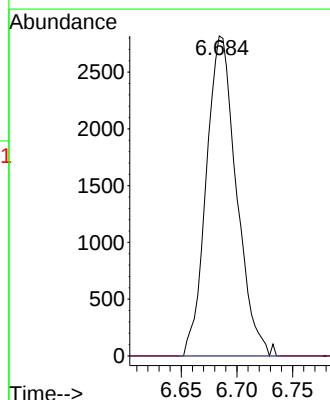
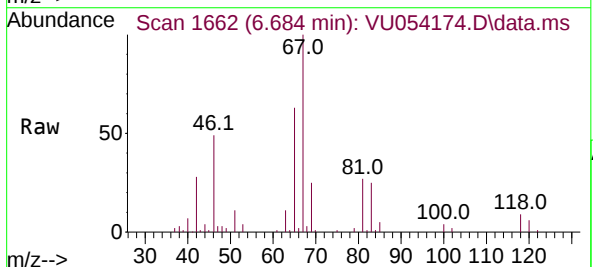
Acq: 18 May 2023 18:52

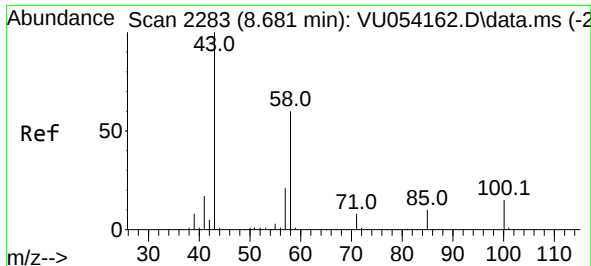
Tgt Ion: 63 Resp: 5313

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#

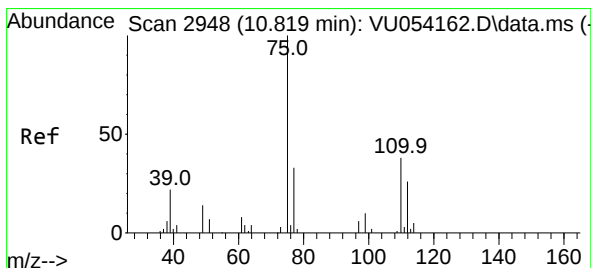
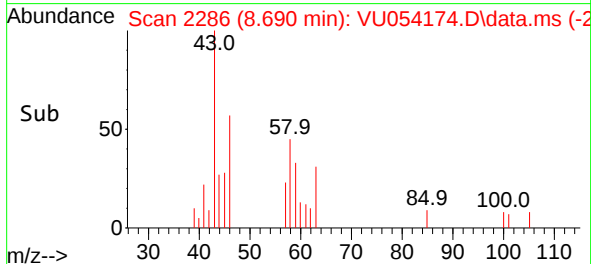
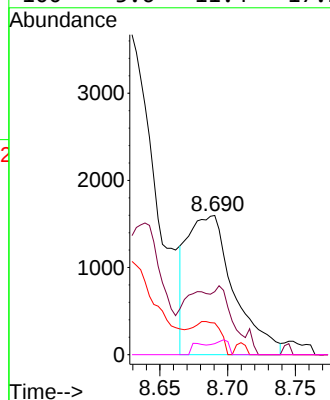
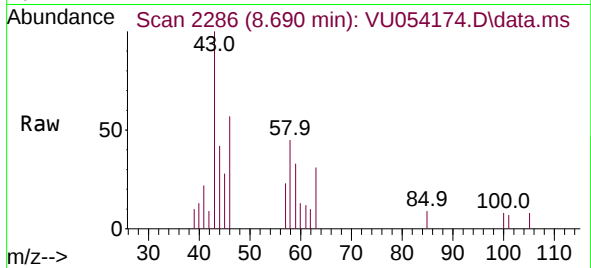




#48
2-Hexanone
Concen: 0.726 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU054174.D
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GBX02

Tgt Ion: 43	Resp:	3823
Ion	Ratio	Lower Upper
43	100	
58	0.0	48.6 72.8#
57	13.4	16.7 25.1#
100	3.6	11.4 17.2#



#61
1,2,3-Trichloropropane
Concen: 1.603 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU054174.D
Acq: 18 May 2023 18:52

Tgt Ion: 75	Resp:	11525
Ion	Ratio	Lower Upper
75	100	
110	1.3	32.3 48.5#
77	27.4	26.3 39.5

