

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057023.D
 Acq On : 19 Dec 2023 04:07
 Operator : MD/SY
 Sample : 05843-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 05:14:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 02:36:03 2023
 Response via : Initial Calibration

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

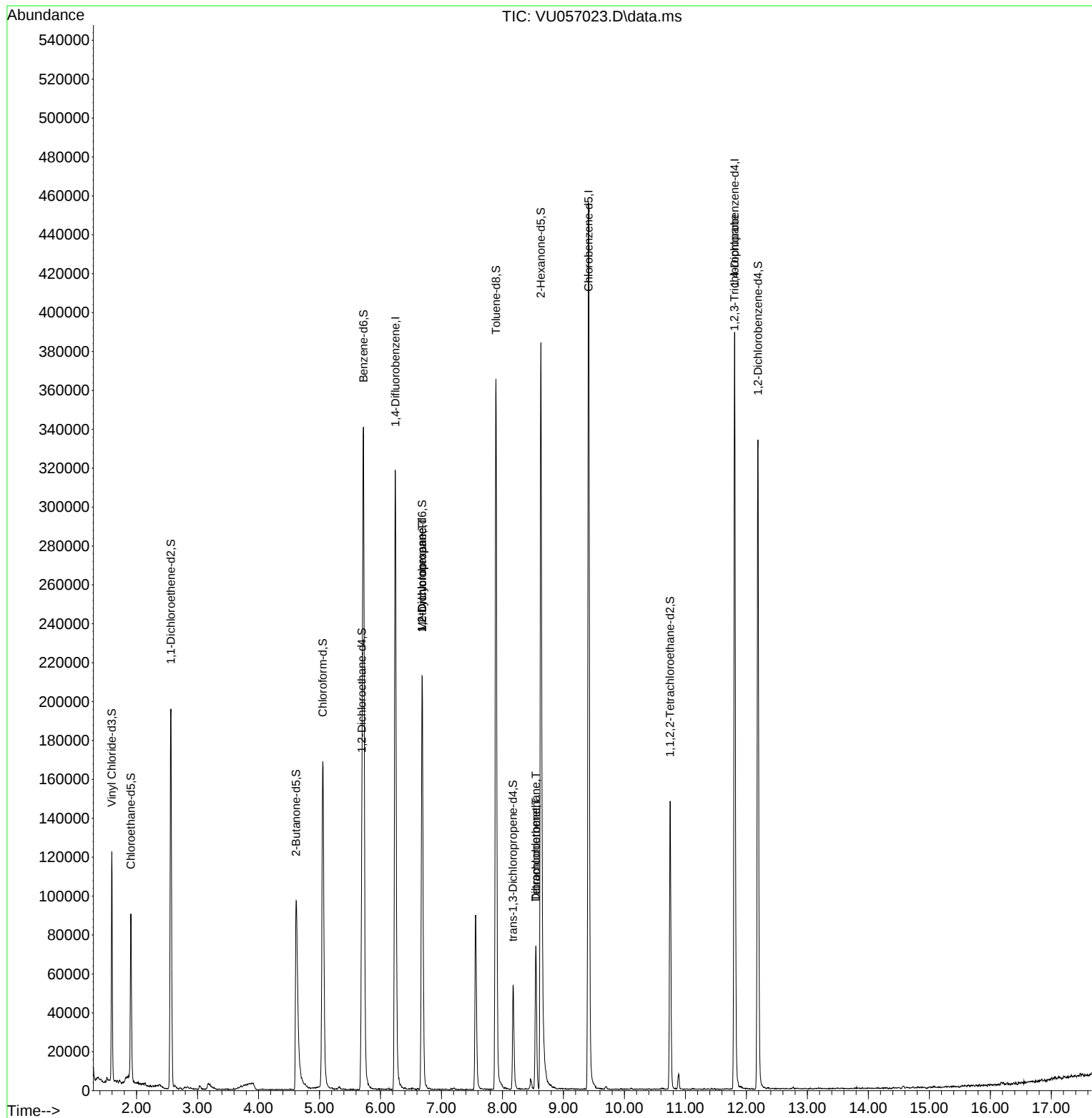
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	259576	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	265625	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	82770	3.720	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.907	69	63854	3.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.563	65	37685	3.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.618	46	161733	36.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.620%
24) Chloroform-d	5.055	84	164074	3.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.695	65	82179	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.721	84	328705	3.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.685	67	104790	4.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.894	98	253156	3.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	8.174	79	32905	3.290	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.800%
46) 2-Hexanone-d5	8.630	63	129741	34.398	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.800%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	74962	4.018	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	89691	4.402	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	24613	0.651	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11004	0.461	ug/L #	91
47) Tetrachloroethene	8.547	164	15739	0.878	ug/L	95
49) Dibromochloromethane	8.550	129	16812	0.906	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	12547	1.127	ug/L #	68

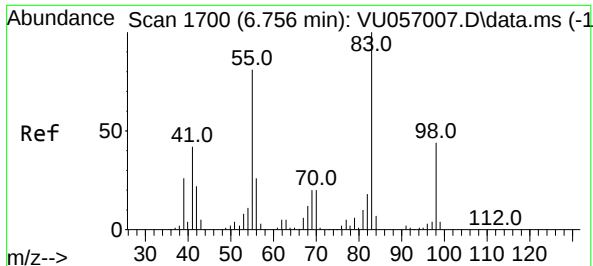
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.651 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057023.D

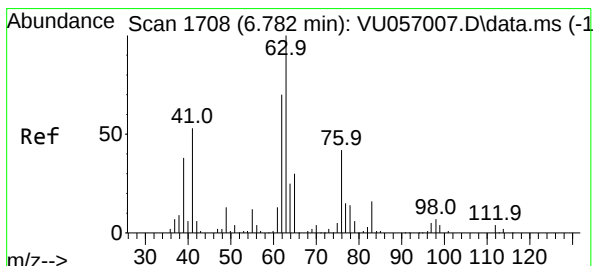
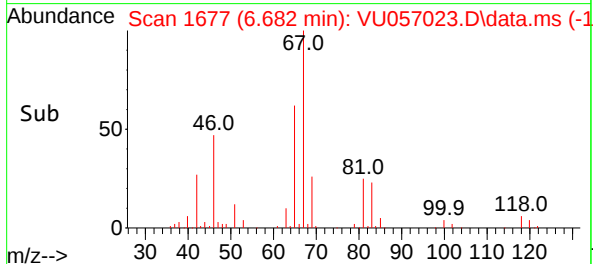
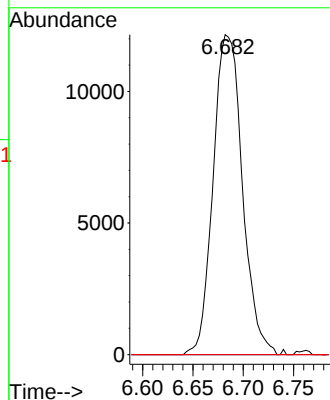
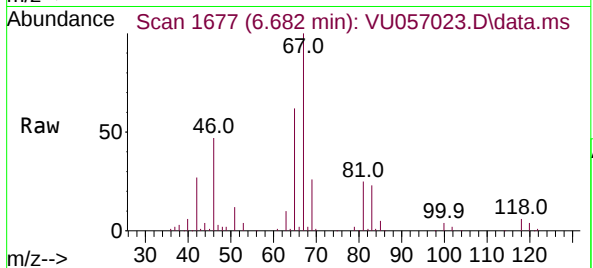
Acq: 19 Dec 2023 04:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 24613
Ion Ratio	Lower Upper
83 100	
55 0.0	64.6 97.0#
98 0.0	36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.461 ug/L

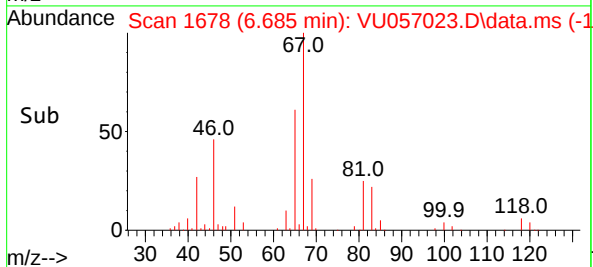
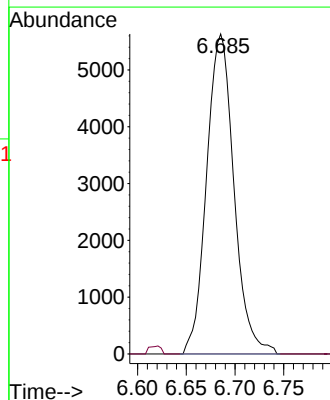
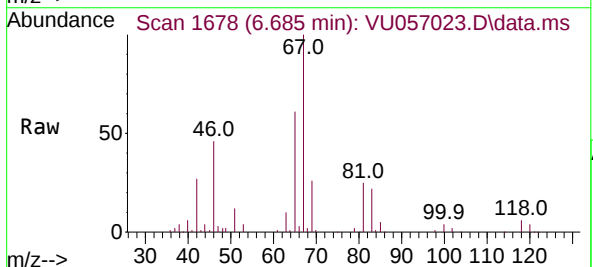
RT: 6.685 min Scan# 1678

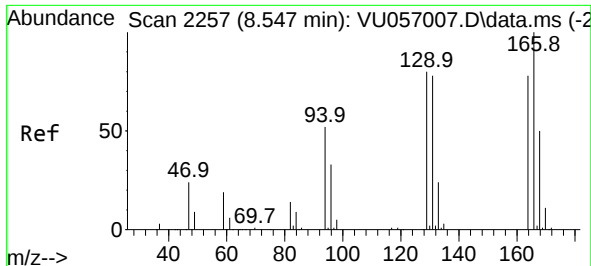
Delta R.T. -0.097 min

Lab File: VU057023.D

Acq: 19 Dec 2023 04:07

Tgt Ion: 63	Resp: 11004
Ion Ratio	Lower Upper
63 100	
112 1.1	3.3 4.9#





#47

Tetrachloroethene

Concen: 0.878 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057023.D

Acq: 19 Dec 2023 04:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 15739

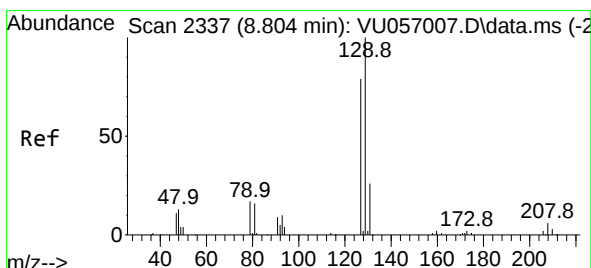
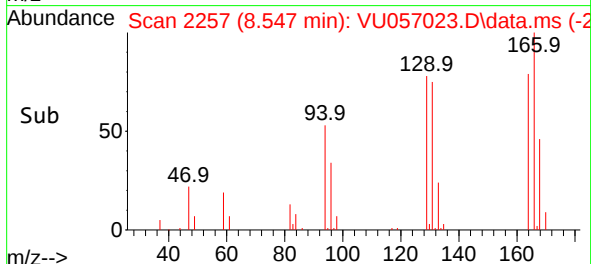
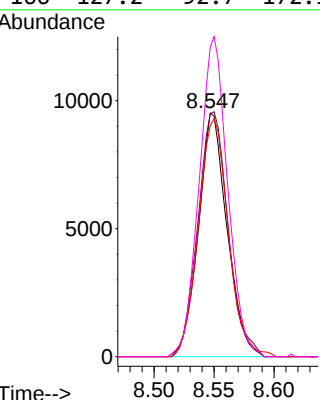
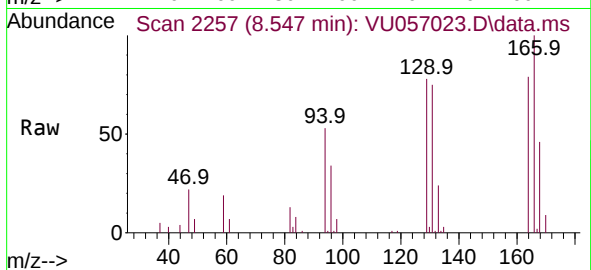
Ion Ratio Lower Upper

164 100

129 99.7 73.4 136.4

131 94.9 71.5 132.9

166 127.2 92.7 172.1



#49

Dibromochloromethane

Concen: 0.906 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU057023.D

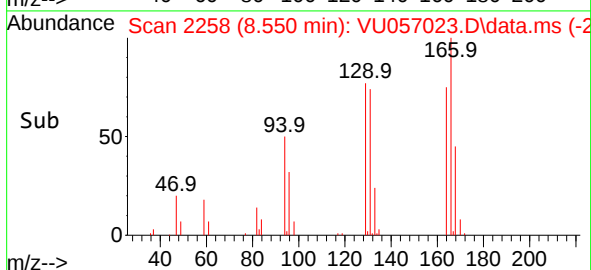
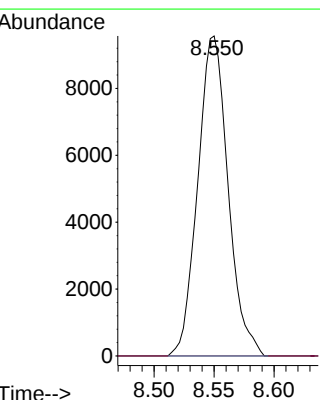
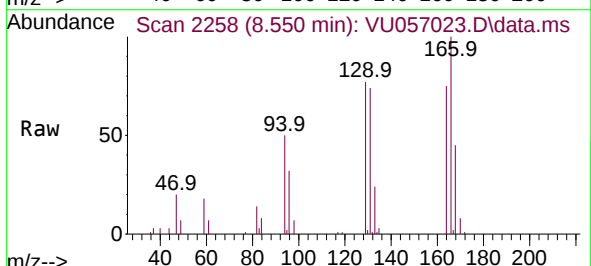
Acq: 19 Dec 2023 04:07

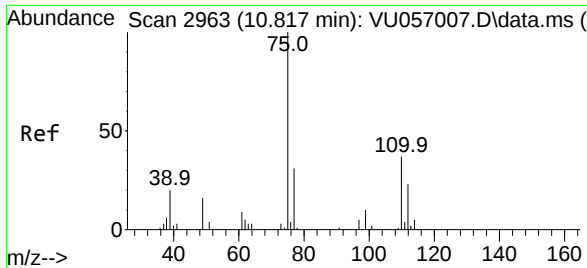
Tgt Ion:129 Resp: 16812

Ion Ratio Lower Upper

129 100

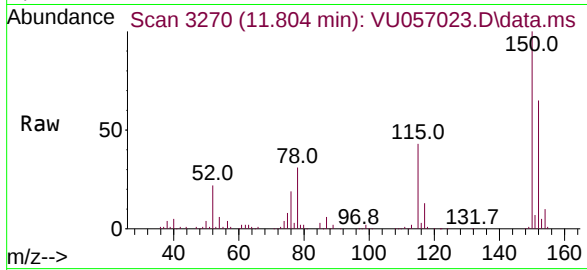
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.127 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057023.D
 Acq: 19 Dec 2023 04:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 12547
 Ion Ratio Lower Upper
 75 100
 110 2.6 28.4 42.6#
 77 36.7 26.3 39.5

