

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057059.D
 Acq On : 19 Dec 2023 21:37
 Operator : MD/SY
 Sample : 05865-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 06:55:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 06:35:40 2023
 Response via : Initial Calibration

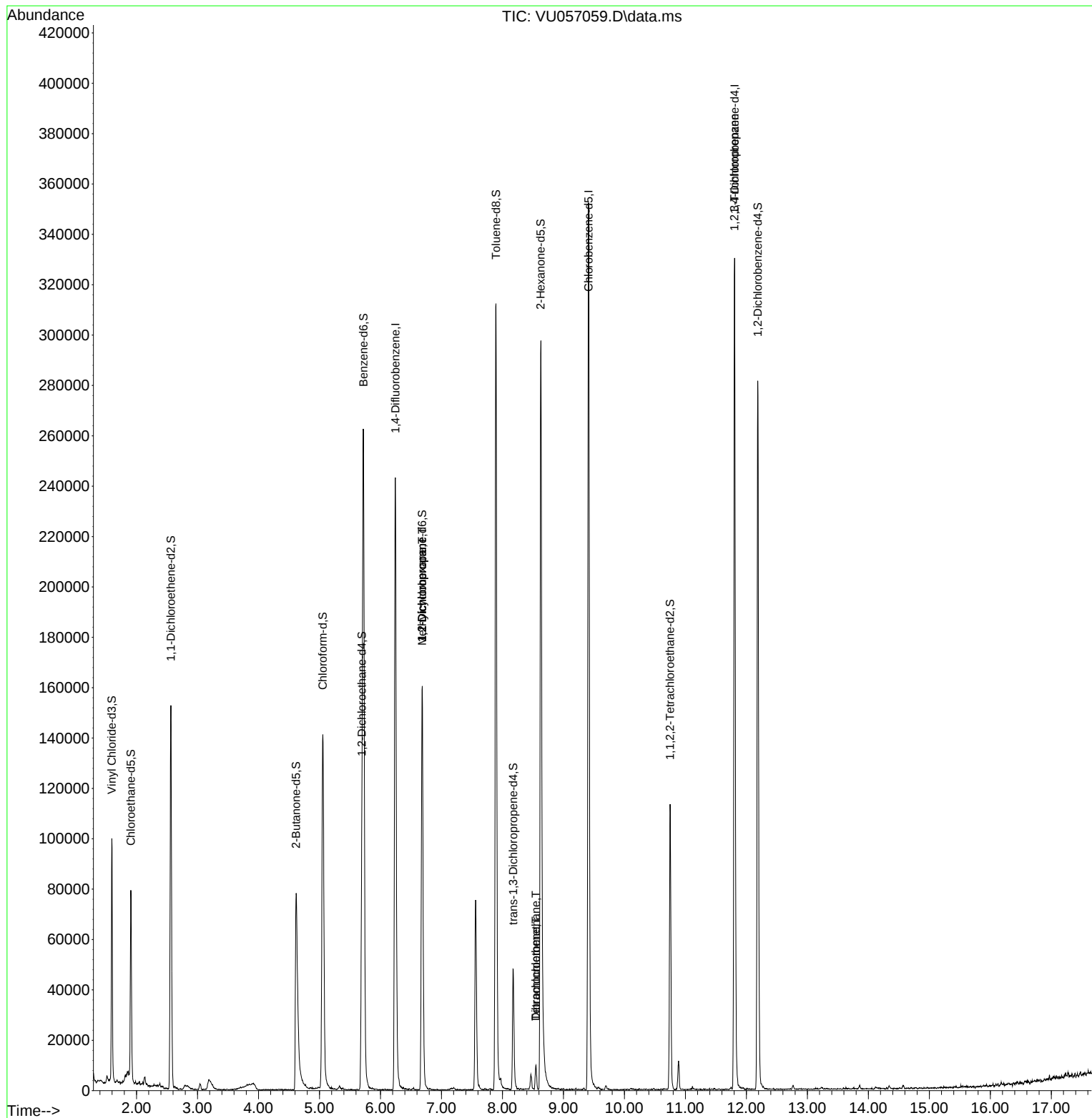
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	198377	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	198303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	68603	4.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.907	69	58432	4.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.563	65	27982	3.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.618	46	127972	38.109	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.220%
24) Chloroform-d	5.055	84	140353	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	65686	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.721	84	250985	4.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.685	67	75150	3.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.000%
41) Toluene-d8	7.894	98	218191	3.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.177	79	30519	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.627	63	102244	36.310	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55875	4.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	72951	4.275	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	19173	0.680	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	9250	0.519	ug/L #	88
47) Tetrachloroethene	8.550	164	2046	0.153	ug/L	88
49) Dibromochloromethane	8.550	129	2264	0.163	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	10232	1.098	ug/L #	68

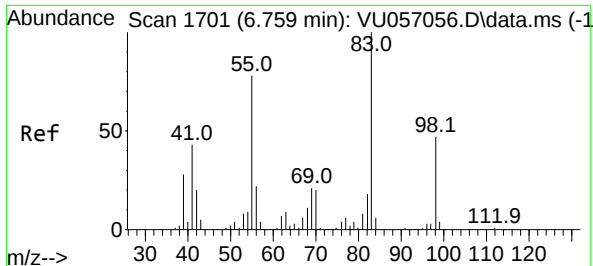
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.680 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

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Instrument :

MSVOA_U

ClientSampleId :

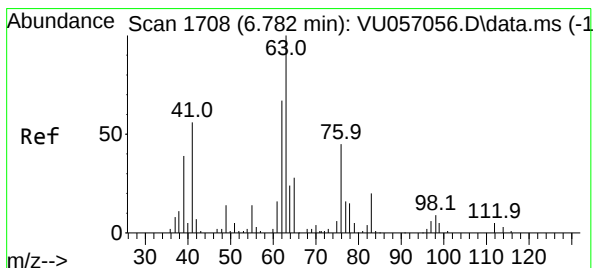
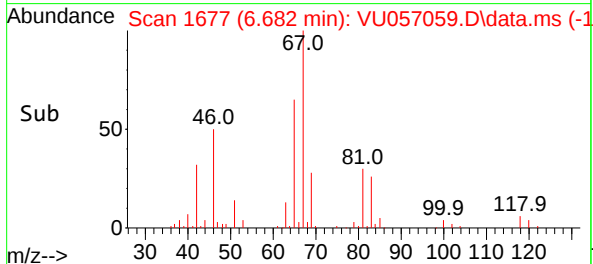
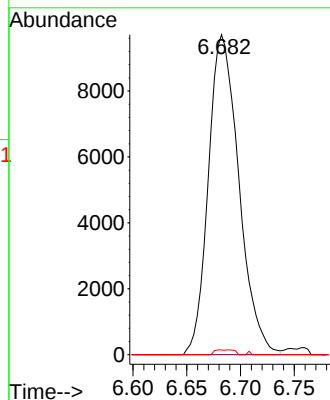
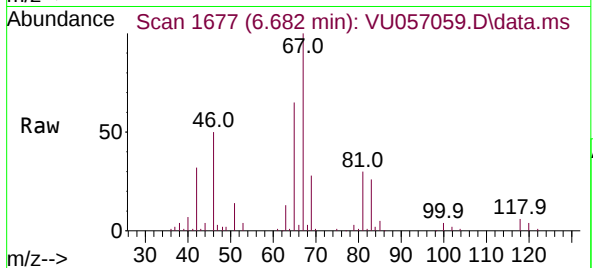
Tgt Ion: 83 Resp: 19173

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 1.0 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.519 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU057059.D

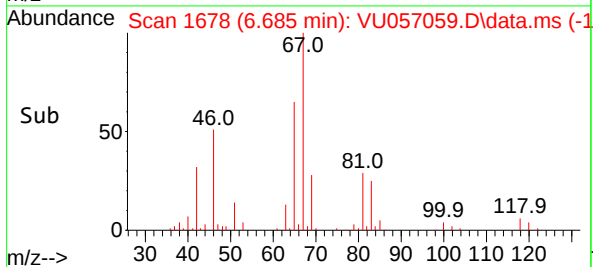
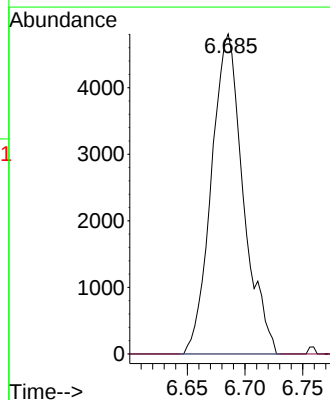
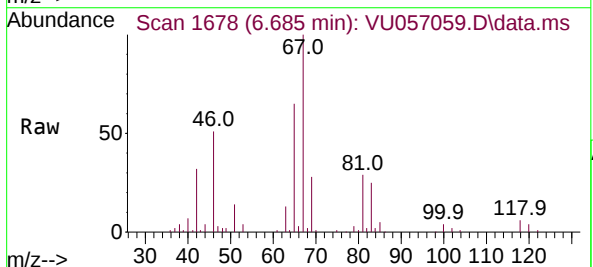
Acq: 19 Dec 2023 21:37

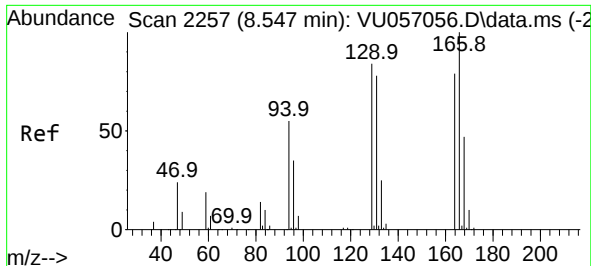
Tgt Ion: 63 Resp: 9250

Ion Ratio Lower Upper

63 100

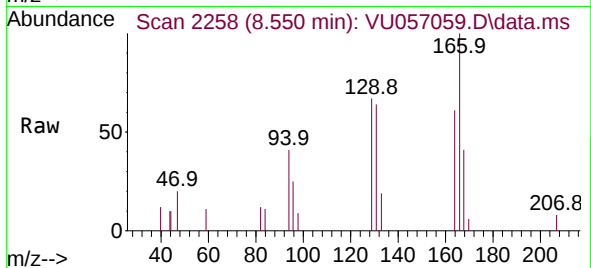
112 0.0 3.3 4.9#



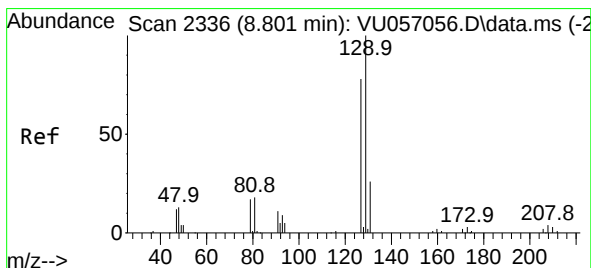
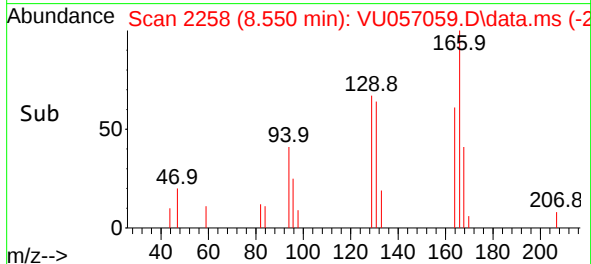
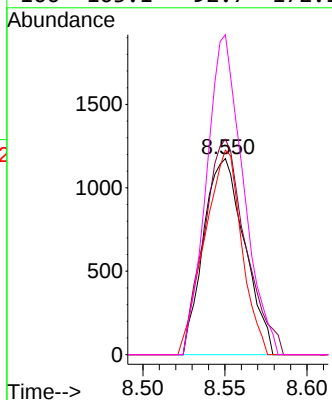


#47
Tetrachloroethene
Concen: 0.153 ug/L
RT: 8.550 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU057059.D
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Instrument :
MSVOA_U
ClientSampleId :

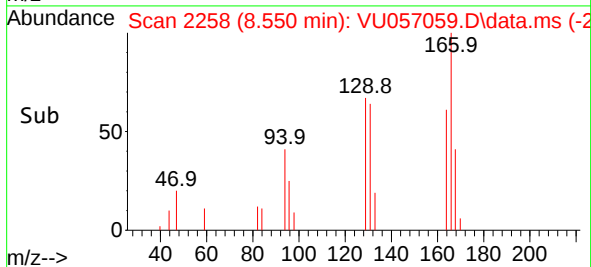
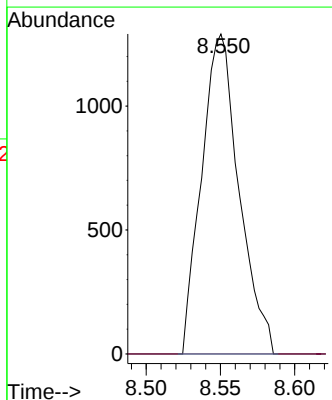
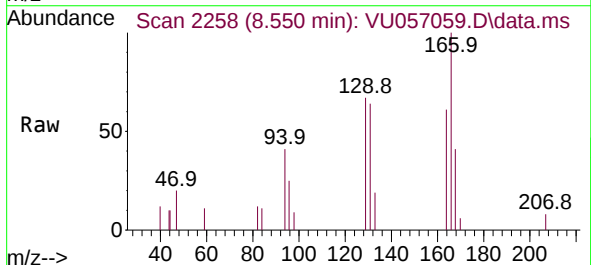


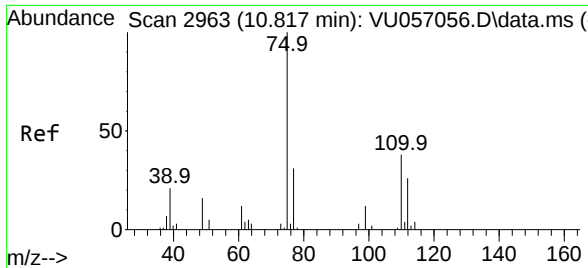
Tgt Ion:164 Resp: 2046
Ion Ratio Lower Upper
164 100
129 109.8 73.4 136.4
131 104.3 71.5 132.9
166 163.1 92.7 172.1



#49
Dibromochloromethane
Concen: 0.163 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.251 min
Lab File: VU057059.D
Acq: 19 Dec 2023 21:37

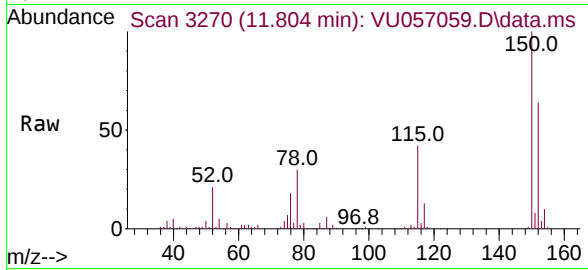
Tgt Ion:129 Resp: 2264
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.098 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057059.D
 Acq: 19 Dec 2023 21:37

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10232
 Ion Ratio Lower Upper
 75 100
 110 2.7 28.4 42.6#
 77 36.1 26.3 39.5

