

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058851.D
 Acq On : 07 May 2024 19:39
 Operator : MD/SY
 Sample : P2392-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 05:12:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 05:10:37 2024
 Response via : Initial Calibration

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

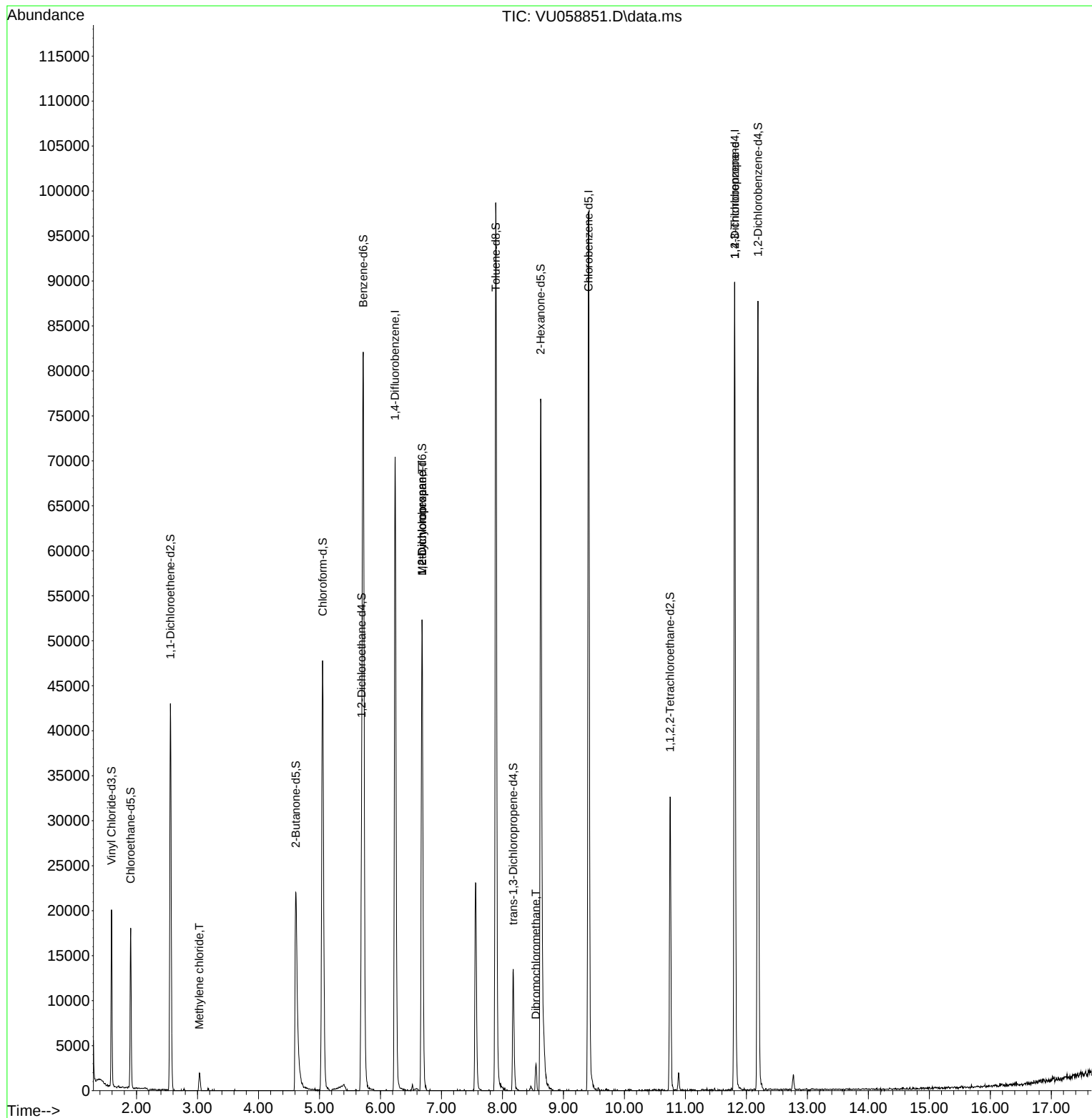
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	56103	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	54100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	24971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	13218	2.995	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.904	69	11532	3.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.557	65	8523	3.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.611	46	37204	47.985	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.960%
24) Chloroform-d	5.052	84	45941	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.692	65	24241	5.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.717	84	74988	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.682	67	21405	4.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.891	98	67395	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.177	79	8482	4.536	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.627	63	26138	47.171	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	14856	4.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	23546	5.410	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.029	84	961	0.219	ug/L	94
35) Methylcyclohexane	6.682	83	5878	0.759	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3134	0.641	ug/L #	89
49) Dibromochloromethane	8.550	129	659	0.200	ug/L #	13
61) 1,2,3-Trichloropropane	11.810	75	2490	1.096	ug/L #	59

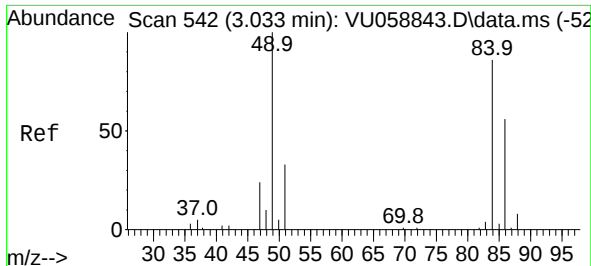
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.219 ug/L

RT: 3.029 min Scan# 54

Delta R.T. -0.003 min

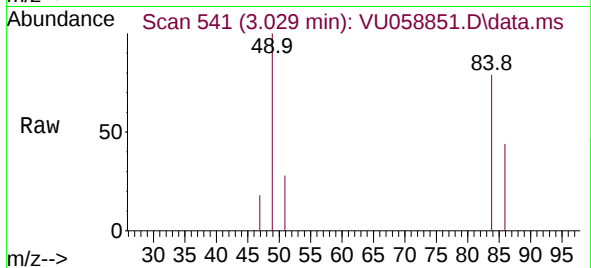
Lab File: VU058851.D

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Instrument :

MSVOA_U

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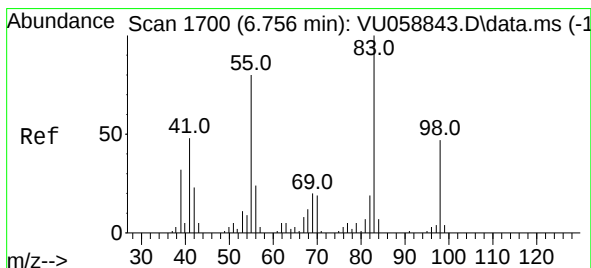
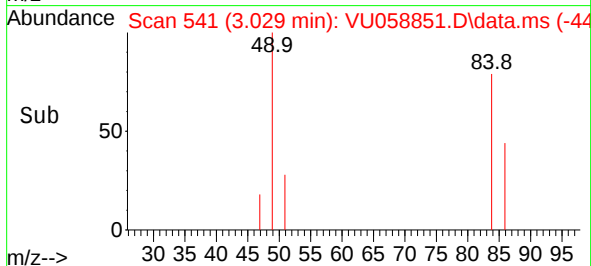
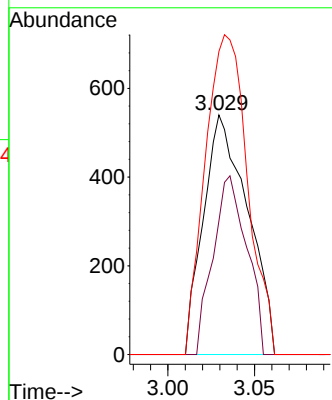
Tgt Ion: 84 Resp: 961

Ion Ratio Lower Upper

84 100

86 55.7 45.0 83.6

49 126.5 91.6 170.2



#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058851.D

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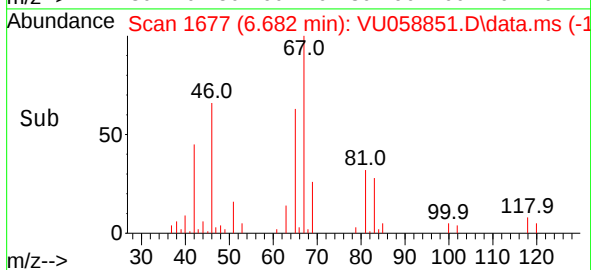
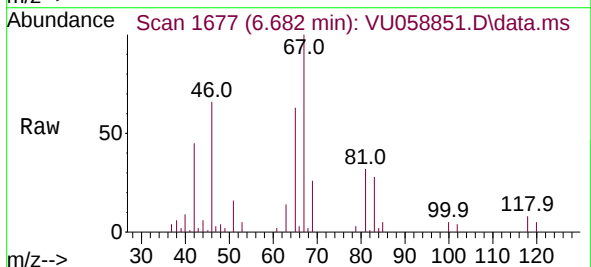
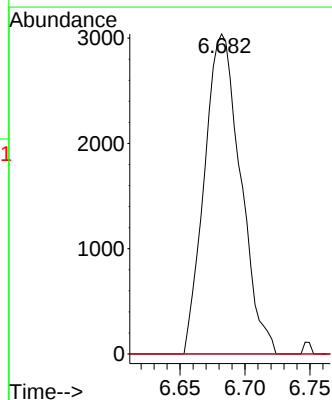
Tgt Ion: 83 Resp: 5878

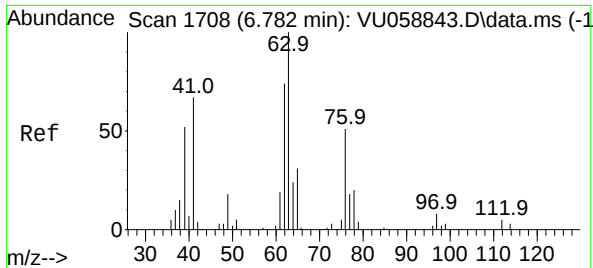
Ion Ratio Lower Upper

83 100

55 0.0 66.6 100.0#

98 0.0 35.4 53.2#

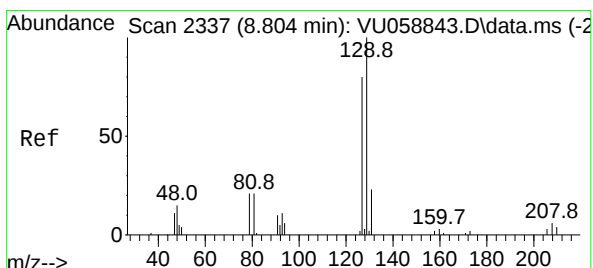
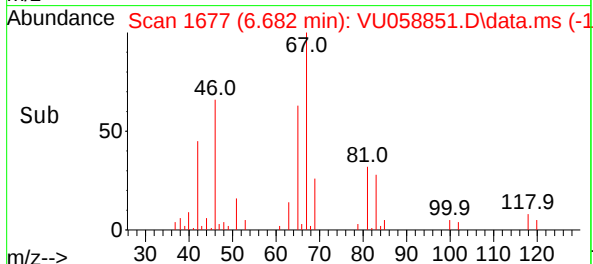
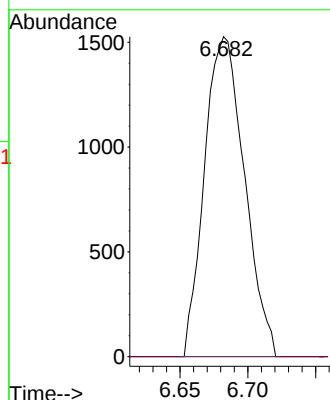
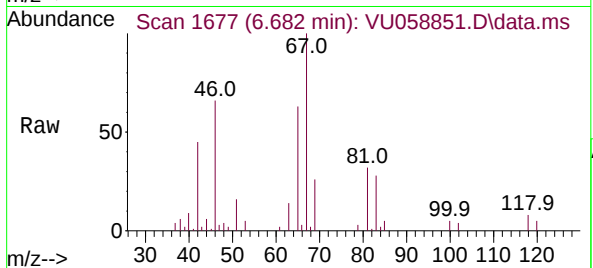




#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058851.D
Acq: 07 May 2024 19:39

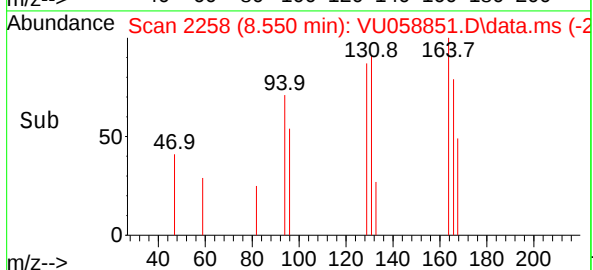
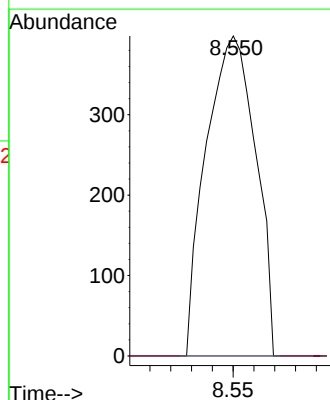
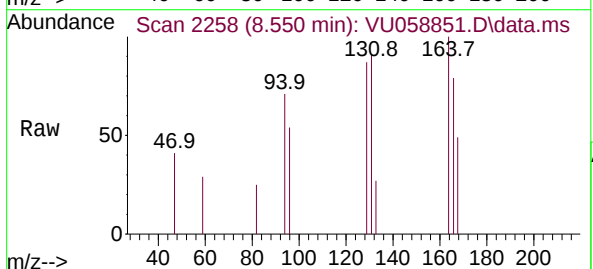
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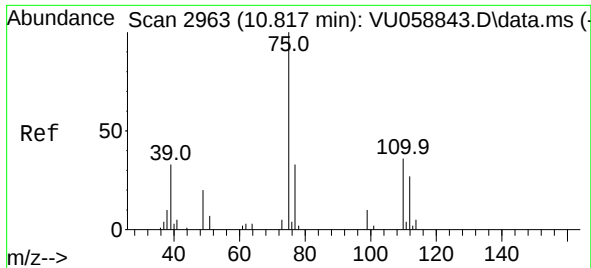
Tgt Ion: 63 Resp: 3134
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#49
Dibromochloromethane
Concen: 0.200 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU058851.D
Acq: 07 May 2024 19:39

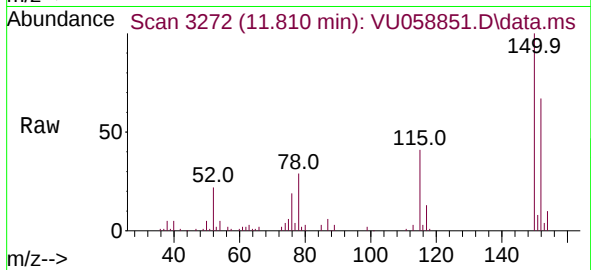
Tgt Ion: 129 Resp: 659
Ion Ratio Lower Upper
129 100
127 0.0 51.0 94.8#





#61
1,2,3-Trichloropropane
Concen: 1.096 ug/L
RT: 11.810 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU058851.D
Acq: 07 May 2024 19:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75	Resp:	2490
Ion	Ratio	Lower Upper
75	100	
110	0.0	28.6 43.0#
77	42.2	25.4 38.2#

