

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042224\
 Data File : VU058770.D
 Acq On : 22 Apr 2024 16:55
 Operator : MD/SY
 Sample : P2202-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 23 00:10:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 22 23:57:56 2024
 Response via : Initial Calibration

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

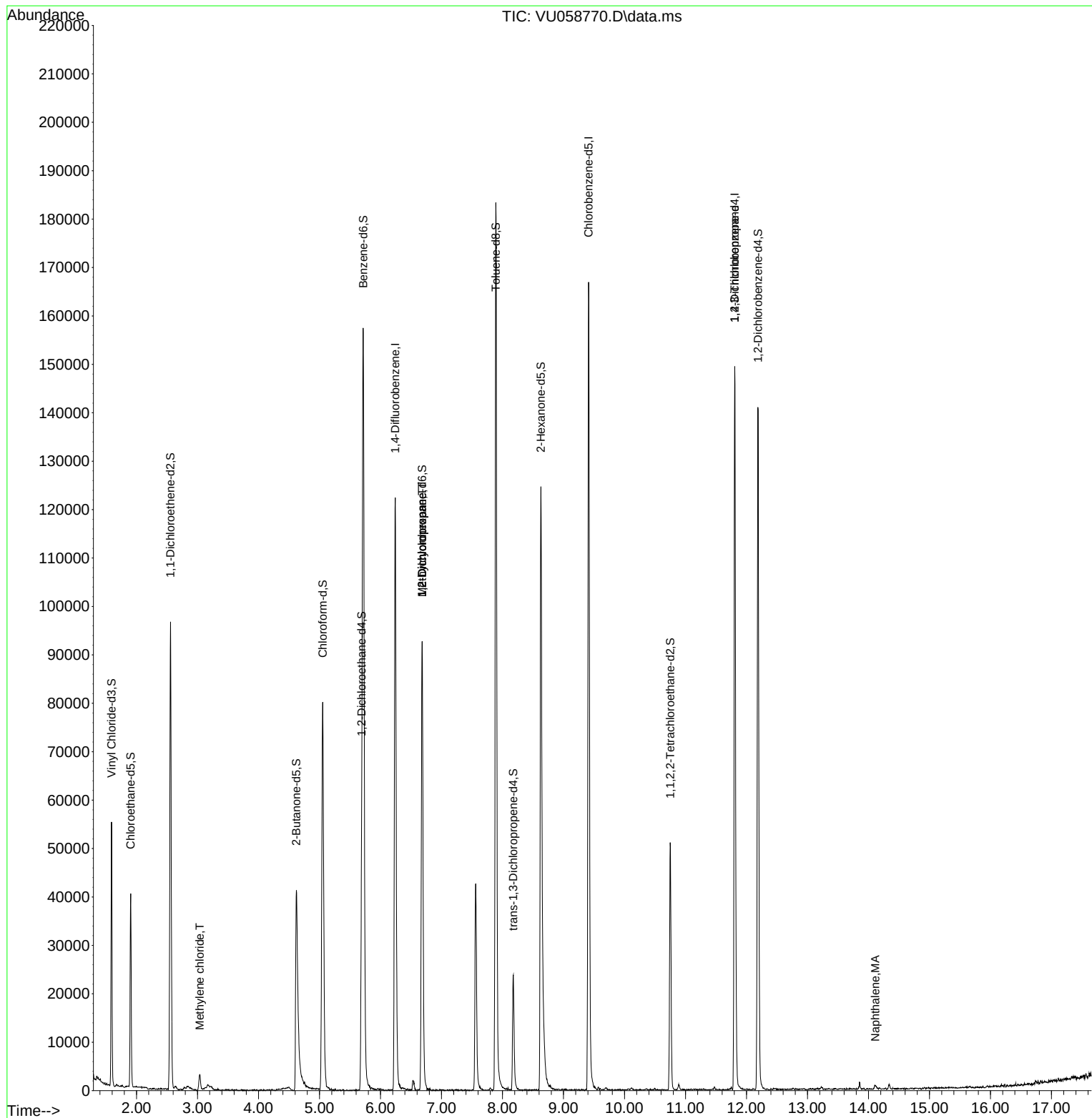
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	95762	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	91327	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	39331	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	36790	4.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.904	69	27226	4.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.557	65	18799	4.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	4.621	46	63725	48.152	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.300%
24) Chloroform-d	5.052	84	74366	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.692	65	37285	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.718	84	147270	5.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.682	67	43699	5.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	125220	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.177	79	14695	4.655	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.627	63	44809	47.903	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.800%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	26206	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	37553	5.478	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	1505	0.201	ug/L	81
35) Methylcyclohexane	6.682	83	10175	0.779	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	4913	0.595	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	5254	1.468	ug/L #	68
71) Naphthalene	14.113	128	1521	0.188	ug/L #	72

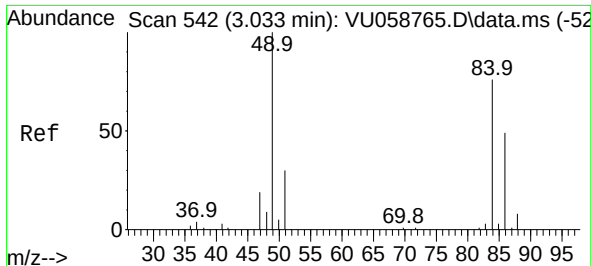
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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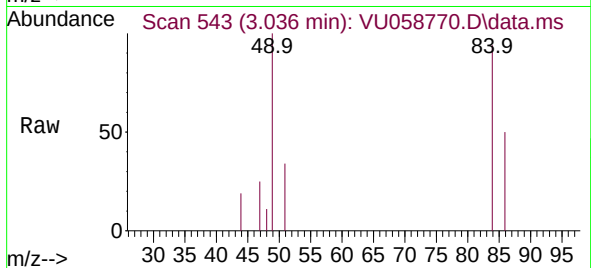
Quant Time: Apr 23 00:10:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Apr 22 23:57:56 2024
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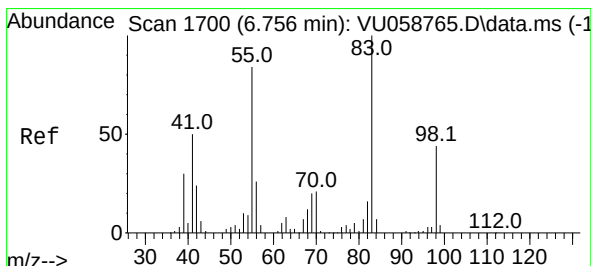
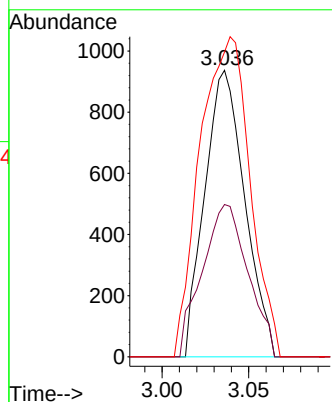
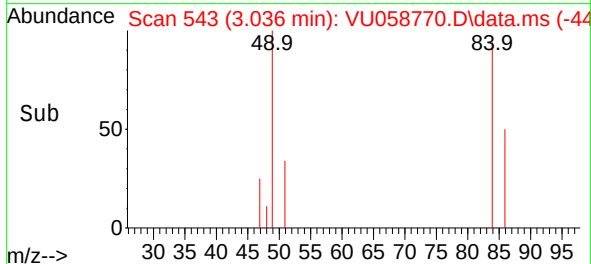


#16
Methylene chloride
Concen: 0.201 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU058770.D
Acq: 22 Apr 2024 16:55

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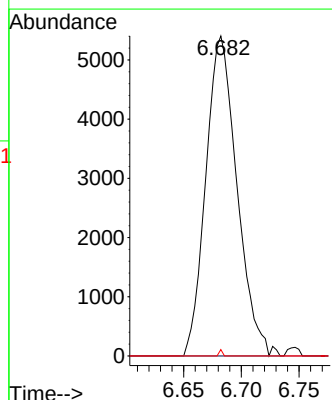
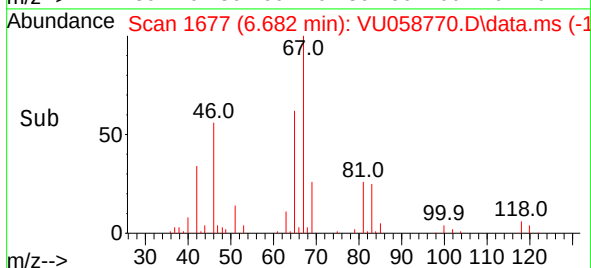
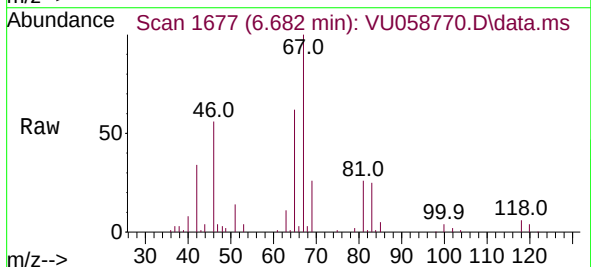


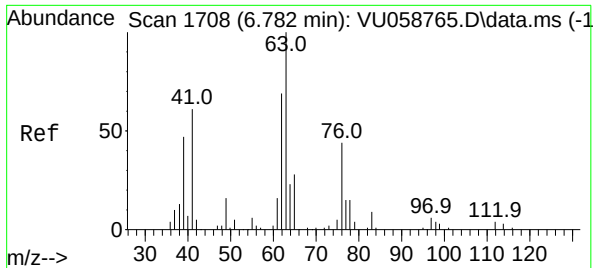
Tgt Ion: 84 Resp: 1505
Ion Ratio Lower Upper
84 100
86 53.1 45.0 83.6
49 106.4 91.6 170.2



#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058770.D
Acq: 22 Apr 2024 16:55

Tgt Ion: 83 Resp: 10175
Ion Ratio Lower Upper
83 100
55 0.0 66.6 100.0#
98 0.2 35.4 53.2#

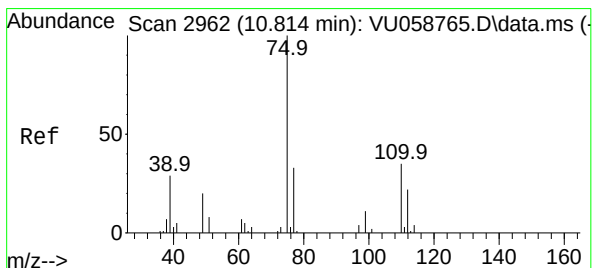
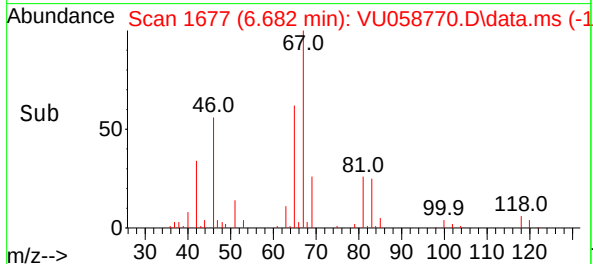
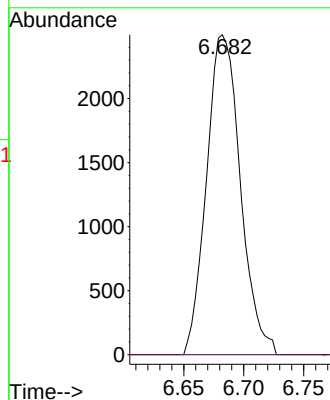
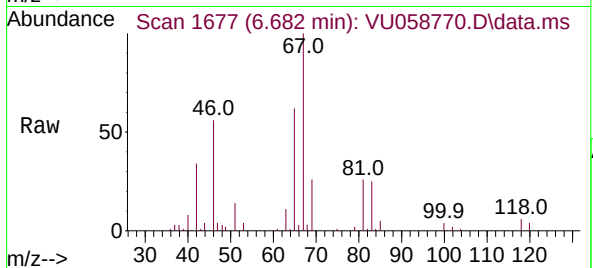




#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058770.D
Acq: 22 Apr 2024 16:55

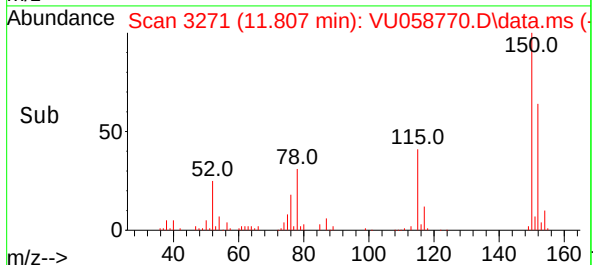
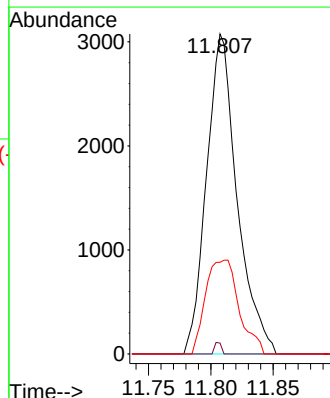
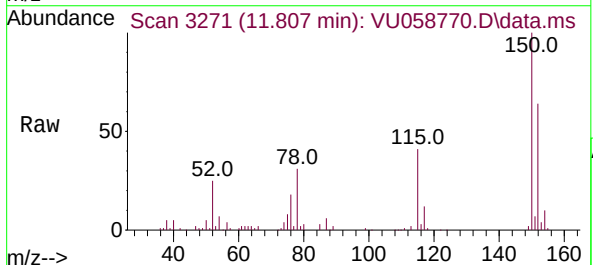
Instrument :
MSVOA_U
ClientSampleId :

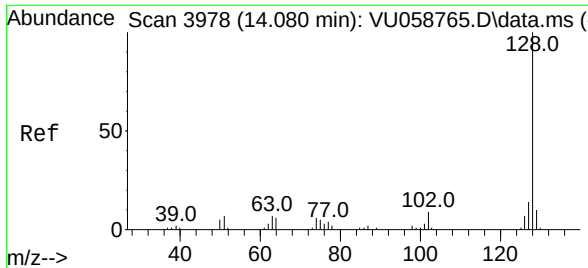
Tgt Ion: 63 Resp: 4913
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#61
1,2,3-Trichloropropane
Concen: 1.468 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU058770.D
Acq: 22 Apr 2024 16:55

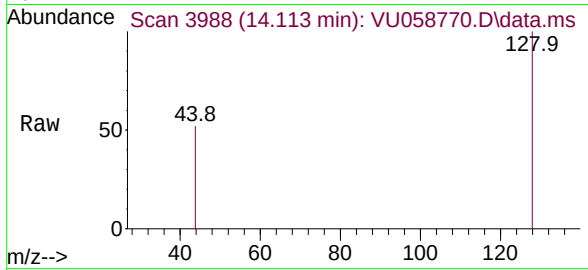
Tgt Ion: 75 Resp: 5254
Ion Ratio Lower Upper
75 100
110 0.8 28.6 43.0#
77 32.0 25.4 38.2





#71
Naphthalene
Concen: 0.188 ug/L
RT: 14.113 min Scan# 3978
Delta R.T. 0.032 min
Lab File: VU058770.D
Acq: 22 Apr 2024 16:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	1521
Ion	Ratio	Lower	Upper
128	100		
129	2.8	8.2	12.4#
127	0.0	10.8	16.2#

