

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060130.D
 Acq On : 23 Jul 2024 22:27
 Operator : MD/SY
 Sample : VU0723WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 05:35:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

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

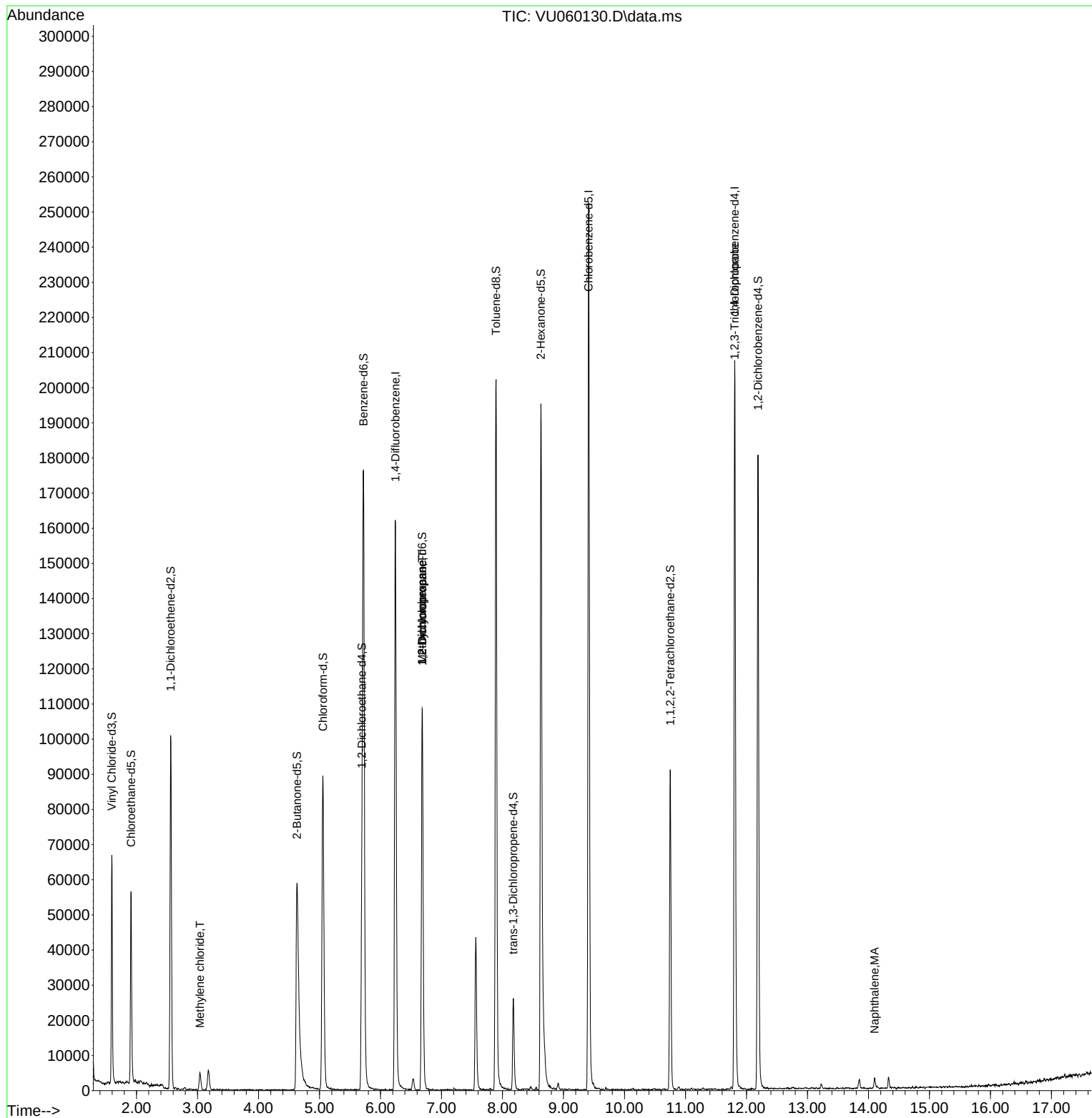
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	145406	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47963	4.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.911	69	43783	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.560	65	18368	4.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.631	46	93575	39.562	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.120%
24) Chloroform-d	5.055	84	87481	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.695	65	43703	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.721	84	178344	4.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	56682	4.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.894	98	146814	3.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.177	79	16558	3.707	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.631	63	70489	35.561	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.120%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	47422	4.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	55761	4.829	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	2733	0.201	ug/L	83
35) Methylcyclohexane	6.682	83	12878	0.730	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	5629	0.410	ug/L #	88
61) 1,2,3-Trichloropropane	11.804	75	6930	1.027	ug/L #	60
71) Naphthalene	14.100	128	3658	0.200	ug/L	95

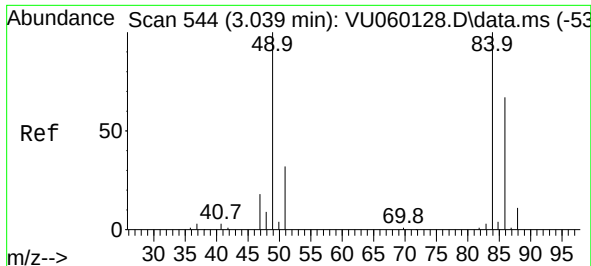
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#16

Methylene chloride

Concen: 0.201 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

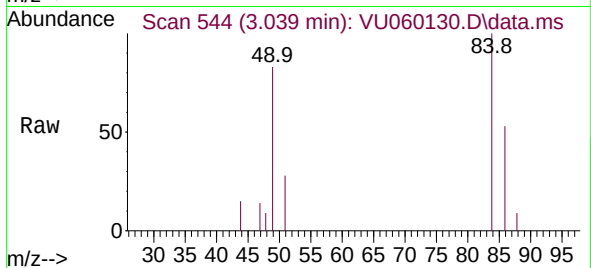
Lab File: VU060130.D

Acq: 23 Jul 2024 22:27

Instrument :

MSVOA_U

ClientSampleId :



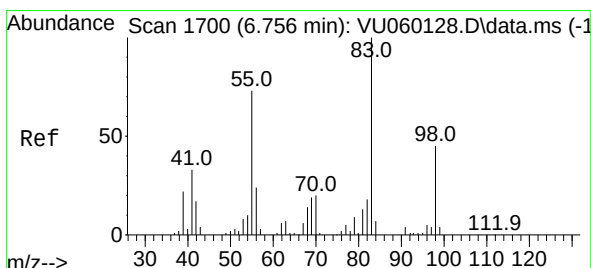
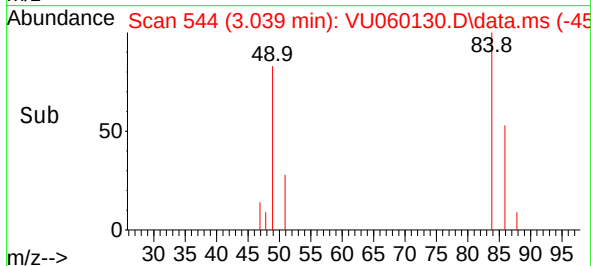
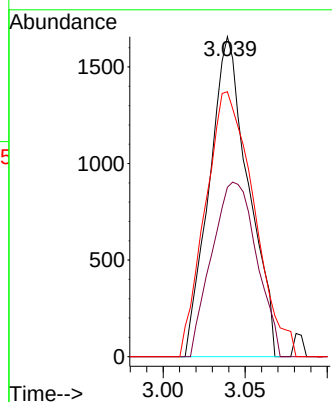
Tgt Ion: 84 Resp: 2733

Ion Ratio Lower Upper

84 100

86 52.9 44.4 82.5

49 82.8 72.0 133.6



#35

Methylcyclohexane

Concen: 0.730 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060130.D

Acq: 23 Jul 2024 22:27

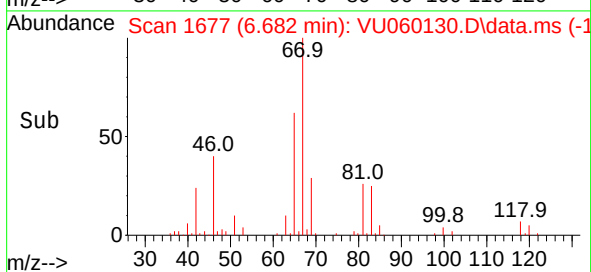
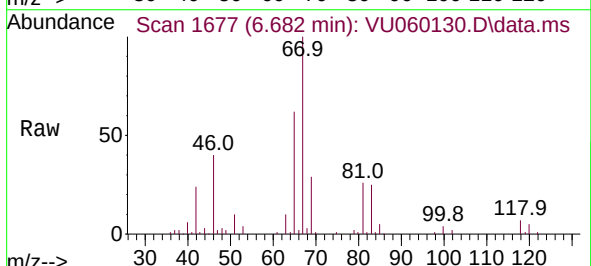
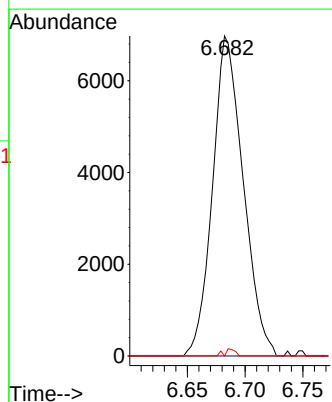
Tgt Ion: 83 Resp: 12878

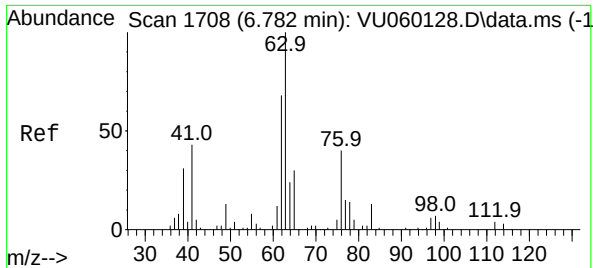
Ion Ratio Lower Upper

83 100

55 0.0 56.7 85.1#

98 0.8 36.6 55.0#

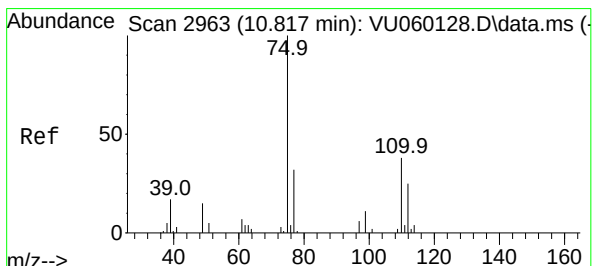
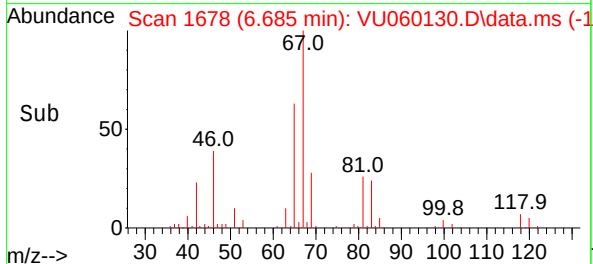
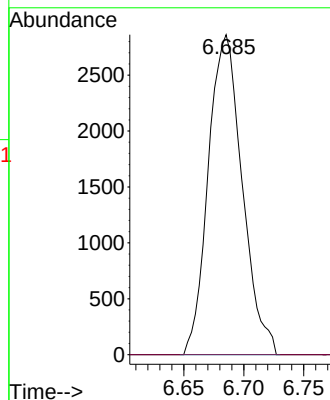
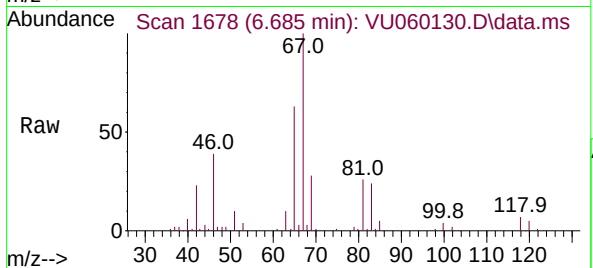




#37
1,2-Dichloropropane
Concen: 0.410 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:27

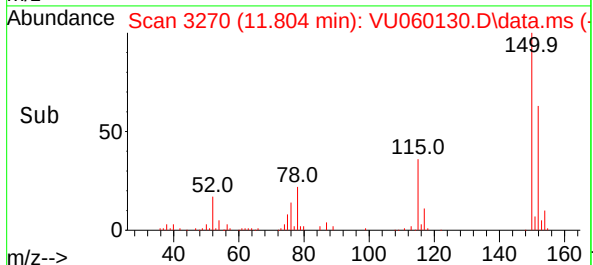
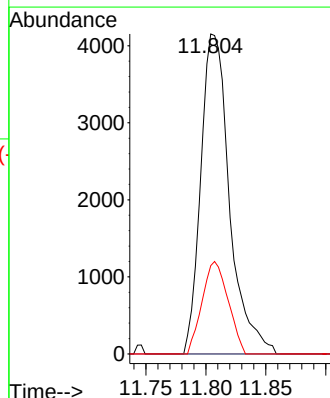
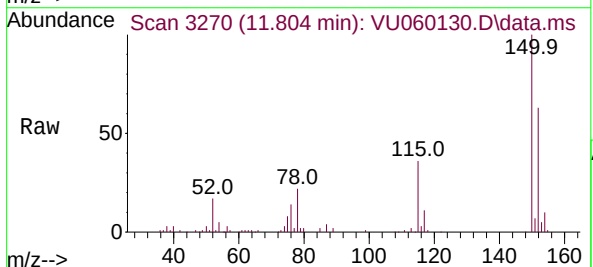
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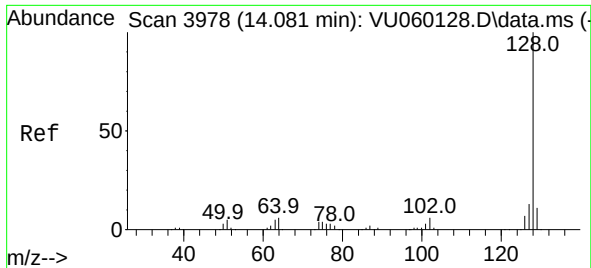
Tgt Ion: 63 Resp: 5629
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.027 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:27

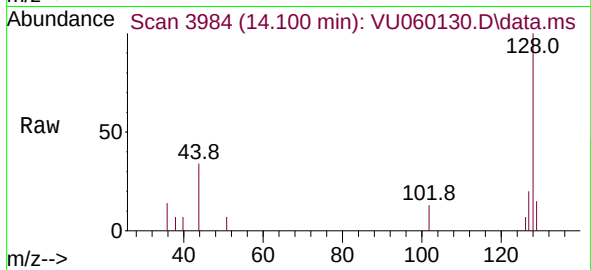
Tgt Ion: 75 Resp: 6930
Ion Ratio Lower Upper
75 100
110 0.0 30.8 46.2#
77 26.0 26.2 39.2#





#71
Naphthalene
Concen: 0.200 ug/L
RT: 14.100 min Scan# 3978
Delta R.T. 0.019 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 3658
Ion Ratio Lower Upper
128 100
129 9.1 8.2 12.4
127 15.6 10.6 16.0

