

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031224\
 Data File : VU058052.D
 Acq On : 12 Mar 2024 12:13
 Operator : MD/SY
 Sample : P1636-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 02:00:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 13 01:58:39 2024
 Response via : Initial Calibration

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

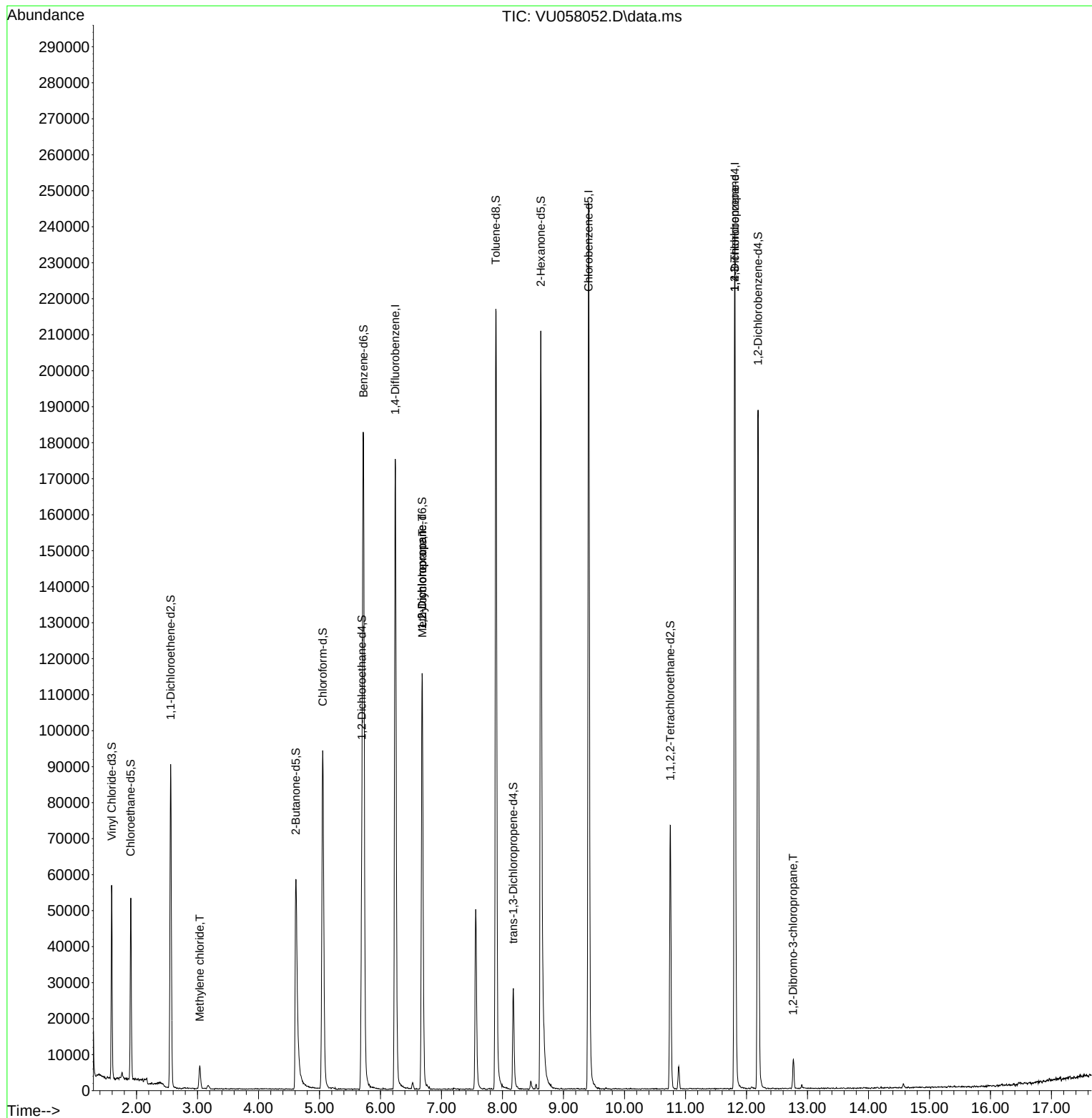
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	143118	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	61270	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37271	3.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.904	69	35643	4.211	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.560	65	17793	3.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.611	46	93512	55.117	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.240%
24) Chloroform-d	5.052	84	90636	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.695	65	43118	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.721	84	176195	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.682	67	57088	4.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.891	98	149223	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.177	79	17434	4.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.627	63	76647	54.796	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37896	5.101	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	50472	5.002	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	3184	0.303	ug/L	90
35) Methylcyclohexane	6.685	83	12592	0.744	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6107	0.564	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	8552	1.704	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.765	75	252	0.253	ug/L #	7

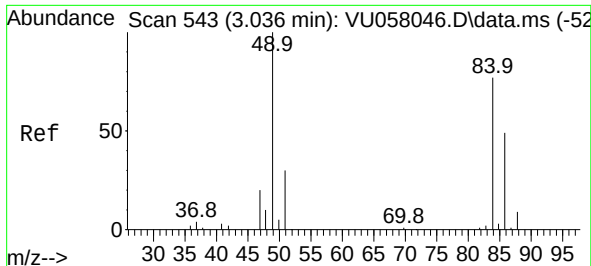
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.303 ug/L

RT: 3.036 min Scan# 54

Delta R.T. 0.000 min

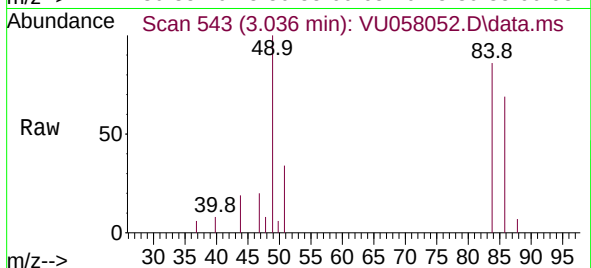
Lab File: VU058052.D

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Instrument :

MSVOA_U

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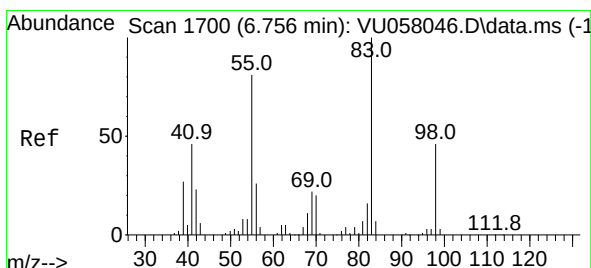
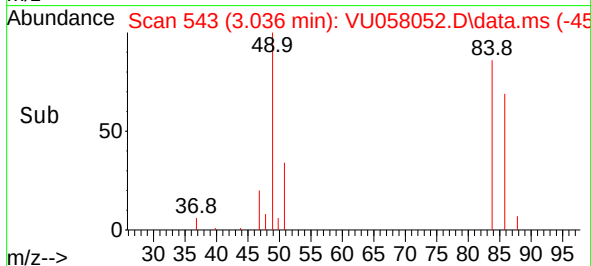
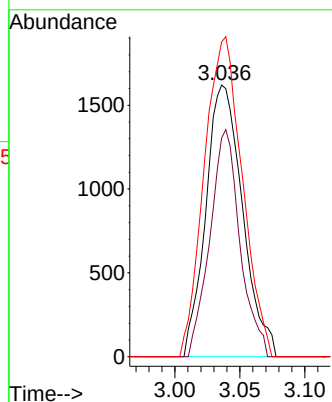
Tgt Ion: 84 Resp: 3184

Ion Ratio Lower Upper

84 100

86 80.5 44.4 82.4

49 122.6 88.8 165.0



#35

Methylcyclohexane

Concen: 0.744 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU058052.D

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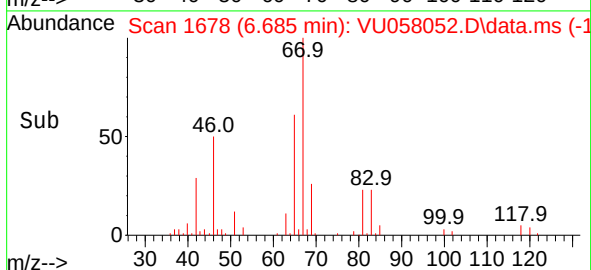
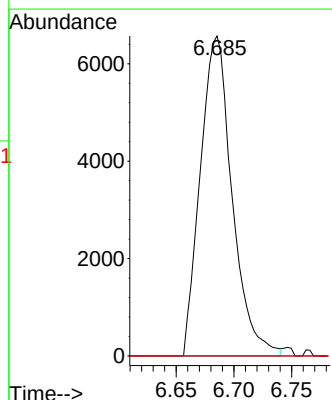
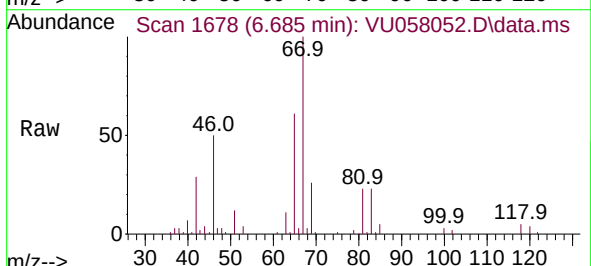
Tgt Ion: 83 Resp: 12592

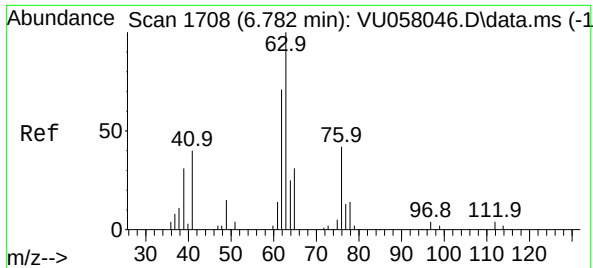
Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 0.0 36.2 54.4#

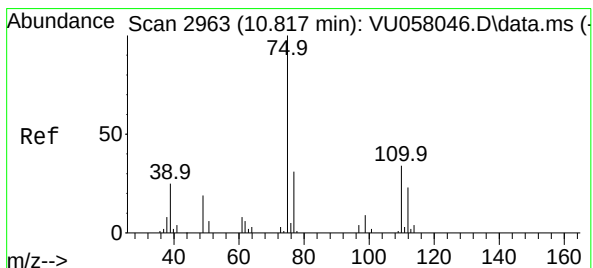
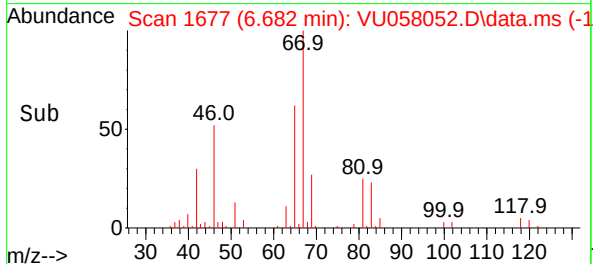
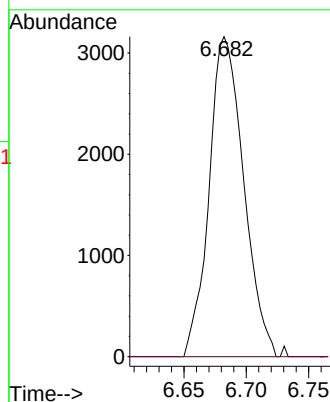
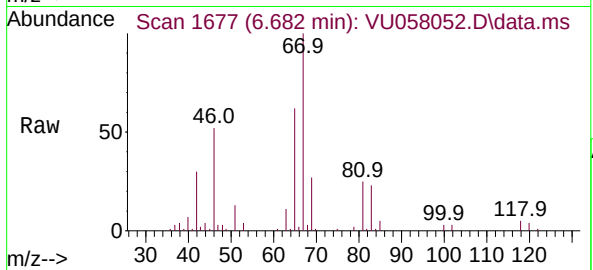




#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058052.D
Acq: 12 Mar 2024 12:13

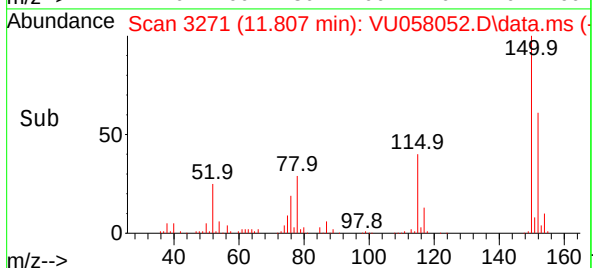
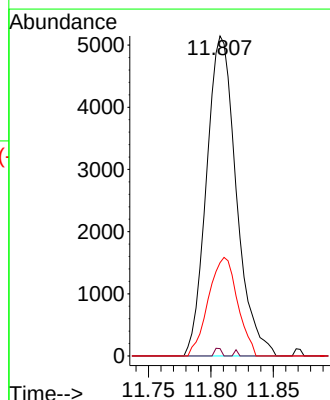
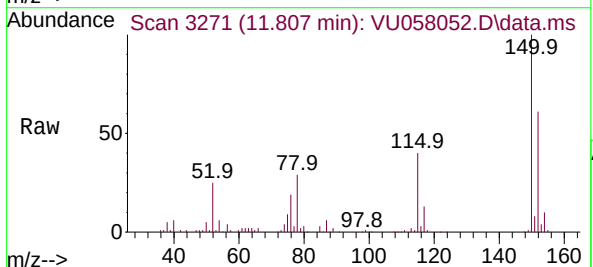
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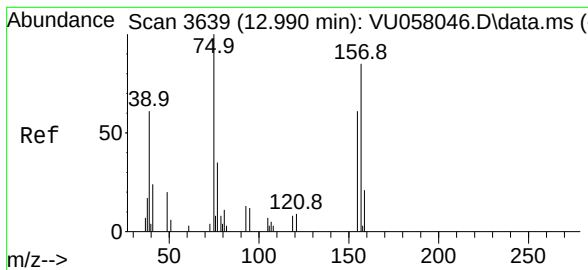
Tgt Ion: 63 Resp: 6107
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.704 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058052.D
Acq: 12 Mar 2024 12:13

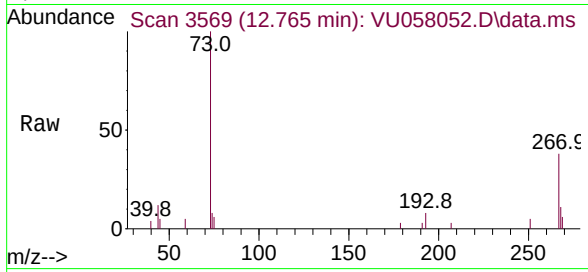
Tgt Ion: 75 Resp: 8552
Ion Ratio Lower Upper
75 100
110 0.5 28.0 42.0#
77 30.1 24.7 37.1





#68
1,2-Dibromo-3-chloropropane
Concen: 0.253 ug/L
RT: 12.765 min Scan# 3569
Delta R.T. -0.225 min
Lab File: VU058052.D
Acq: 12 Mar 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 252
Ion Ratio Lower Upper
75 100
155 0.0 61.0 91.6#
157 0.0 74.6 112.0#

