

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082024\
 Data File : VU060498.D
 Acq On : 20 Aug 2024 18:29
 Operator : MD/SY
 Sample : P3676-24
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 21 02:34:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 21 02:30:39 2024
 Response via : Initial Calibration

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

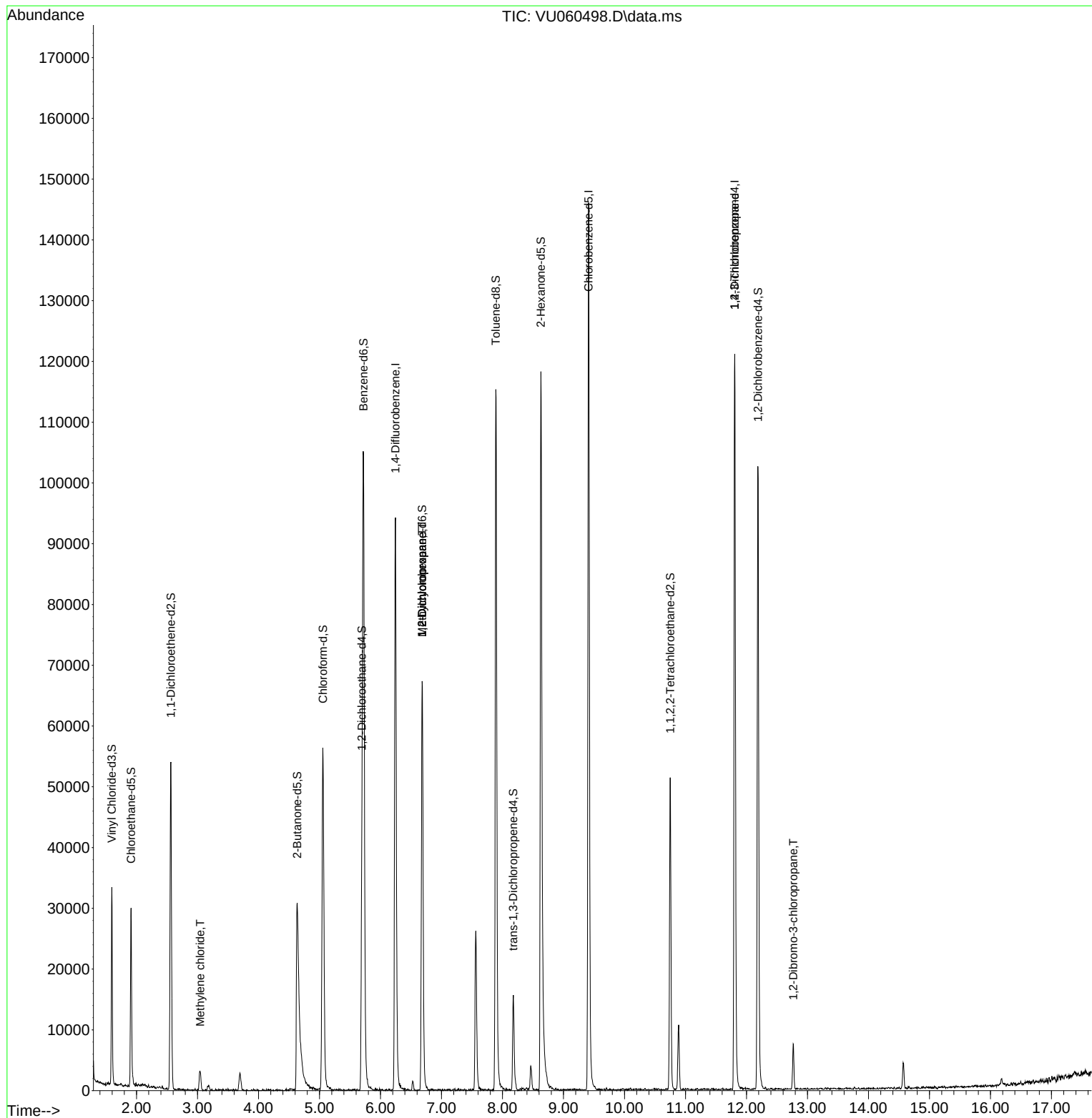
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	82455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	88605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36947	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23249	3.592	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.911	69	22856	3.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.563	65	10648	3.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.634	46	62263	45.329	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.660%
24) Chloroform-d	5.055	84	55803	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	28406	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.721	84	102990	3.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.682	67	34530	4.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.891	98	82757	3.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.177	79	10607	3.958	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.631	63	44716	37.603	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.200%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	27003	3.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	31349	4.606	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	1726	0.223	ug/L	96
35) Methylcyclohexane	6.682	83	8069	0.925	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	3786	0.545	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	4005	1.120	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.769	75	62	0.092	ug/L #	1

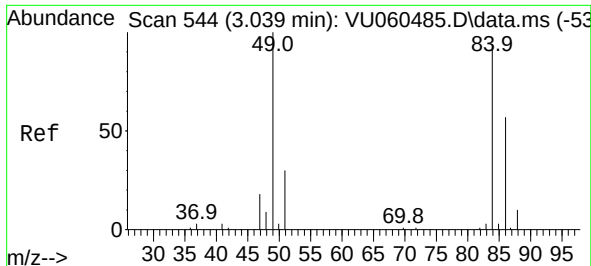
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.223 ug/L

RT: 3.042 min Scan# 544

Delta R.T. 0.003 min

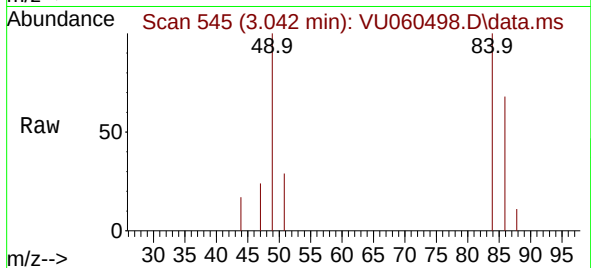
Lab File: VU060498.D

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MSVOA_U

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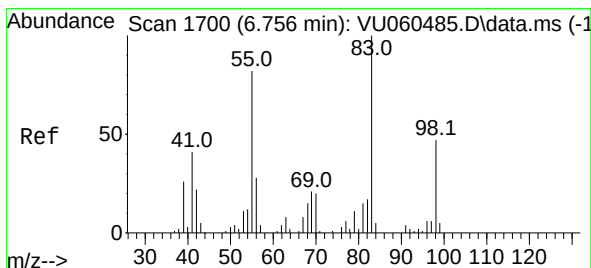
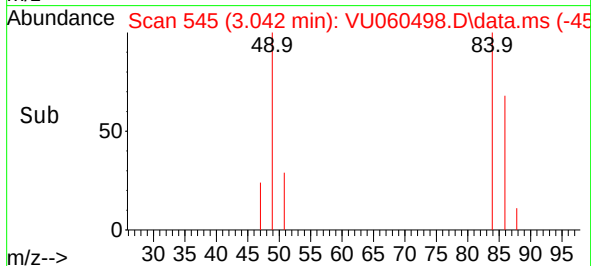
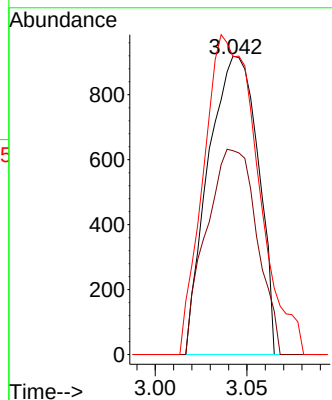
Tgt Ion: 84 Resp: 1726

Ion Ratio Lower Upper

84 100

86 68.3 47.1 87.5

49 99.8 73.9 137.3



#35

Methylcyclohexane

Concen: 0.925 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060498.D

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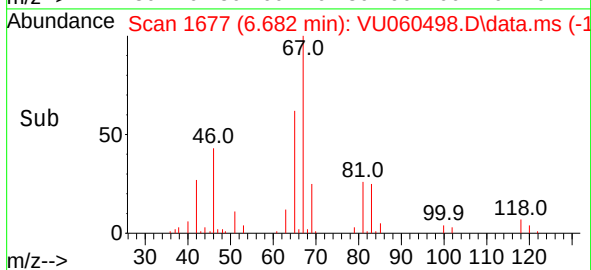
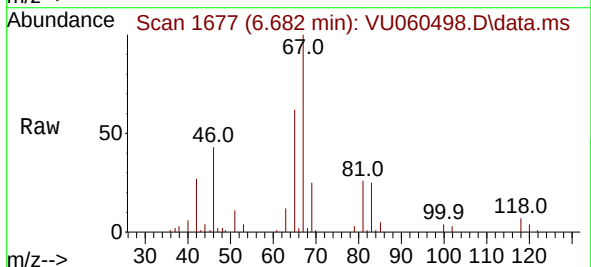
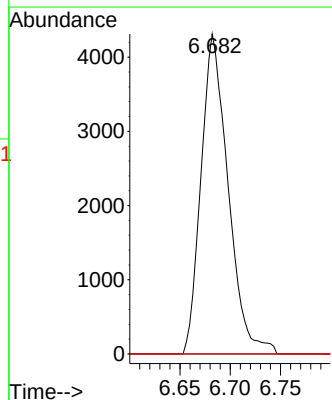
Tgt Ion: 83 Resp: 8069

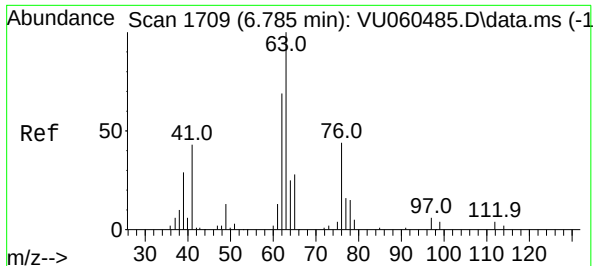
Ion Ratio Lower Upper

83 100

55 0.0 62.4 93.6#

98 2.7 37.3 55.9#

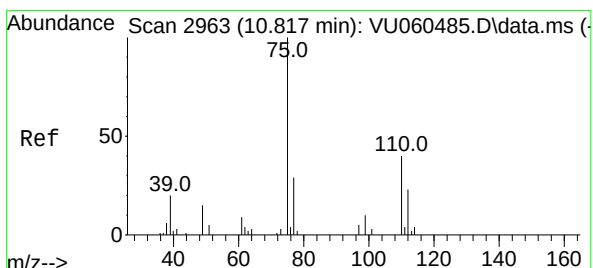
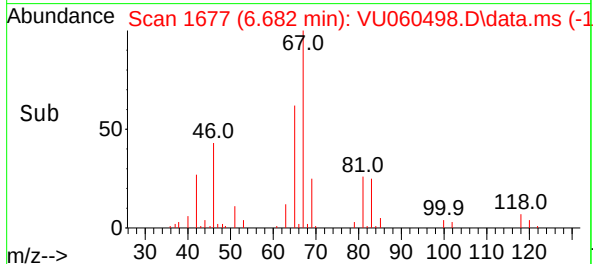
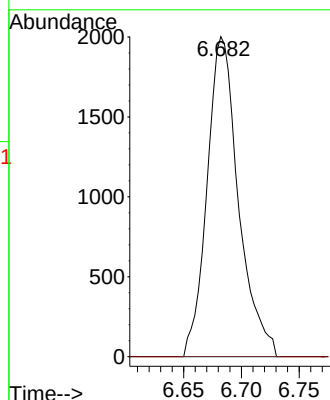
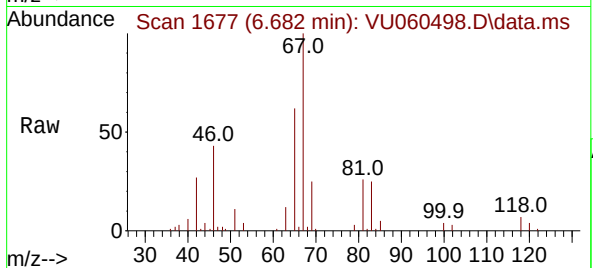




#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU060498.D
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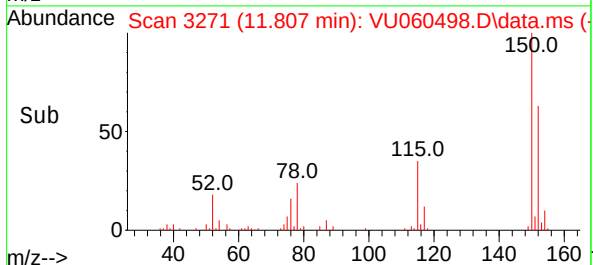
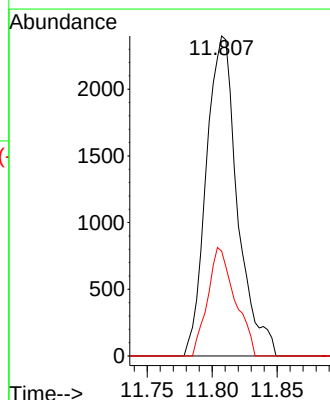
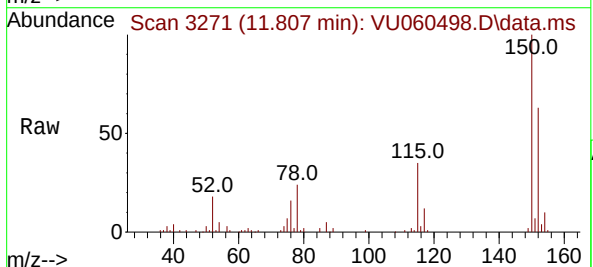
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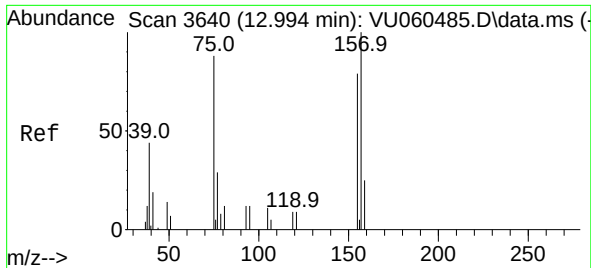
Tgt Ion: 63 Resp: 3786
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.120 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU060498.D
Acq: 20 Aug 2024 18:29

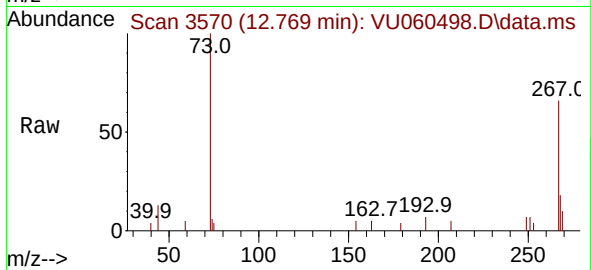
Tgt Ion: 75 Resp: 4005
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 29.6 27.0 40.6





#68
1,2-Dibromo-3-chloropropane
Concen: 0.092 ug/L
RT: 12.769 min Scan# 3570
Delta R.T. -0.225 min
Lab File: VU060498.D
Acq: 20 Aug 2024 18:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
155 0.0 64.3 96.5#
157 0.0 88.0 132.0#

