

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081524\
 Data File : VU060467.D
 Acq On : 15 Aug 2024 17:10
 Operator : MD/SY
 Sample : P3627-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 16 04:57:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 16 04:55:30 2024
 Response via : Initial Calibration

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

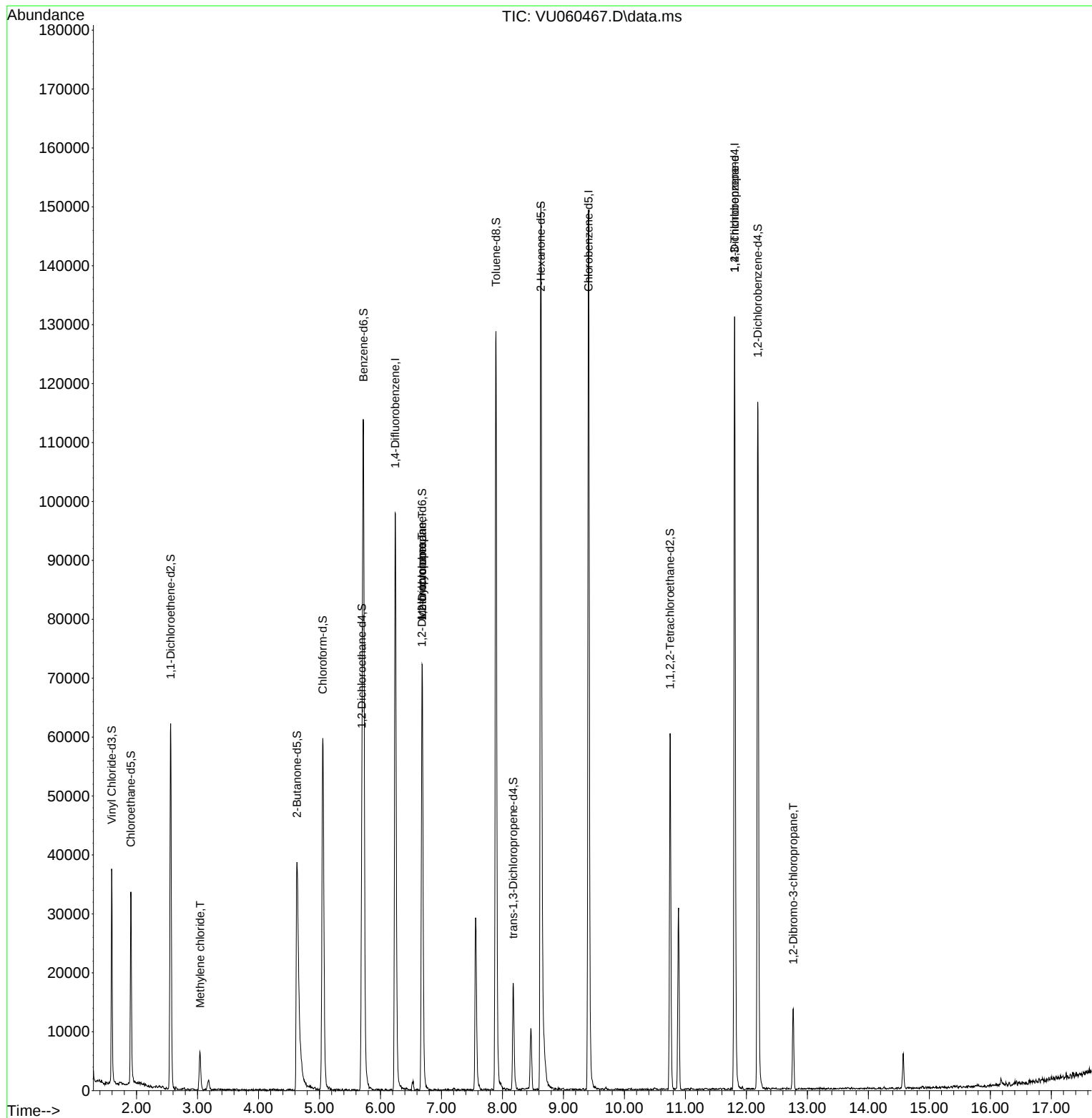
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	83651	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	89579	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37923	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	26798	4.081	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.907	69	25760	4.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.560	65	11375	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.631	46	71695	51.449	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.900%
24) Chloroform-d	5.055	84	60168	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	31247	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.721	84	113229	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.685	67	37303	4.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.894	98	92703	3.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.177	79	12186	4.498	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.631	63	53916	44.847	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	31425	4.570	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	34891	4.994	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	3278	0.418	ug/L	93
35) Methylcyclohexane	6.682	83	8666	0.983	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	3668	0.523	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	4257	1.159	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.769	75	310	0.450	ug/L #	1

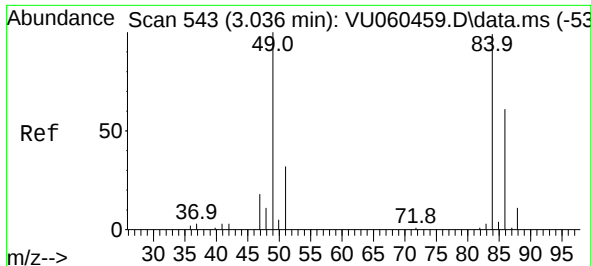
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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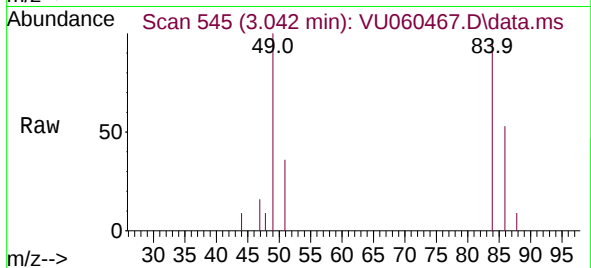
Quant Time: Aug 16 04:57:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
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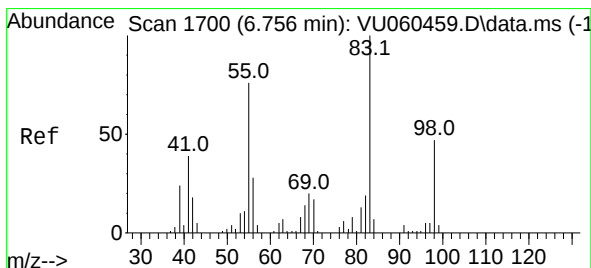
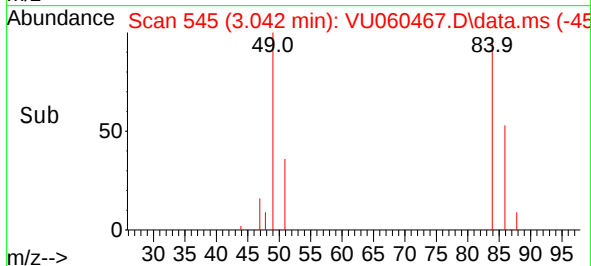
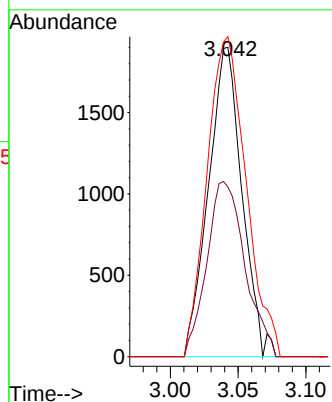


#16
Methylene chloride
Concen: 0.418 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.006 min
Lab File: VU060467.D
Acq: 15 Aug 2024 17:10

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MSVOA_U
ClientSampleId :

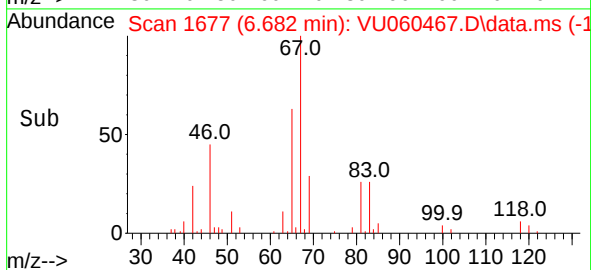
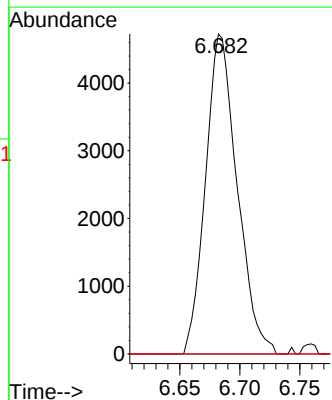
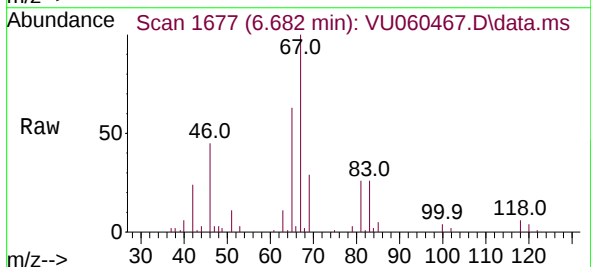


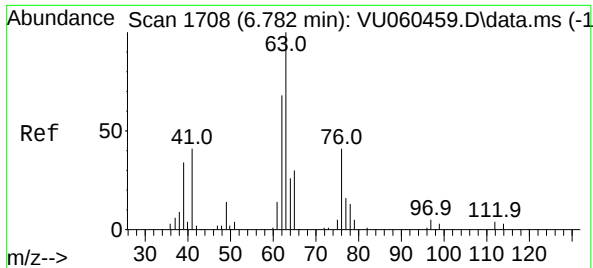
Tgt Ion: 84 Resp: 3278
Ion Ratio Lower Upper
84 100
86 54.9 47.1 87.5
49 103.4 73.9 137.3



#35
Methylcyclohexane
Concen: 0.983 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060467.D
Acq: 15 Aug 2024 17:10

Tgt Ion: 83 Resp: 8666
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 2.2 37.3 55.9#

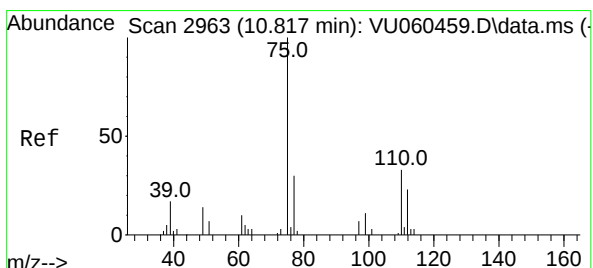
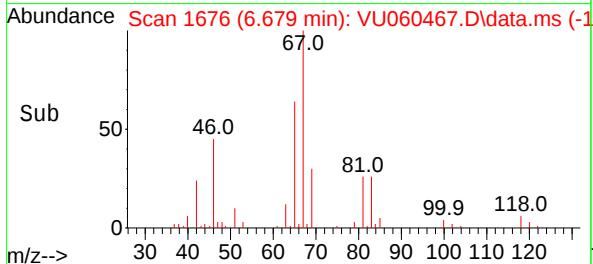
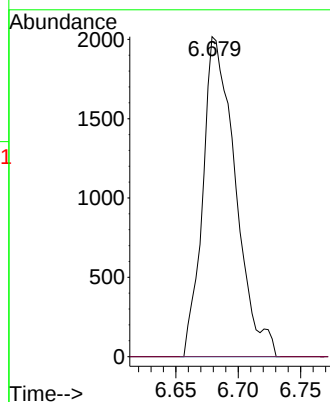
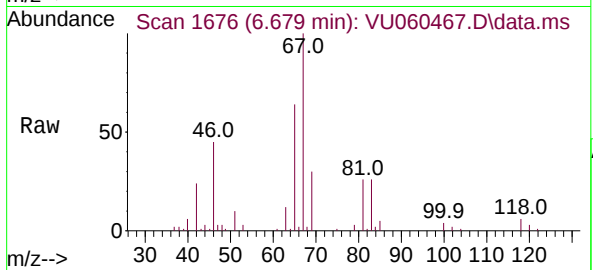




#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU060467.D
Acq: 15 Aug 2024 17:10

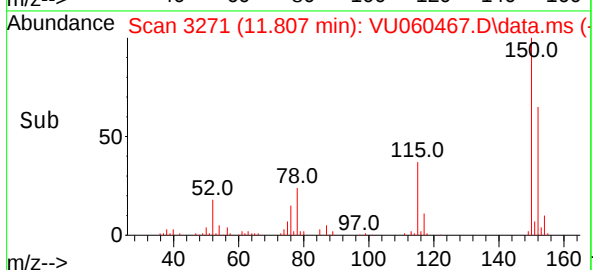
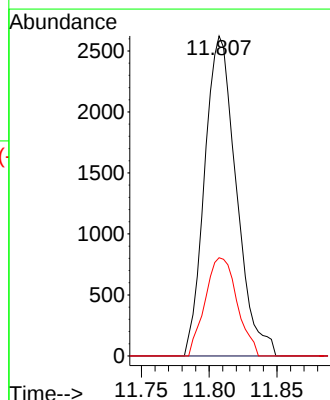
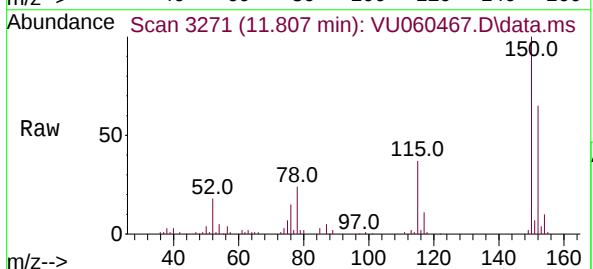
Instrument :
MSVOA_U
ClientSampleId :

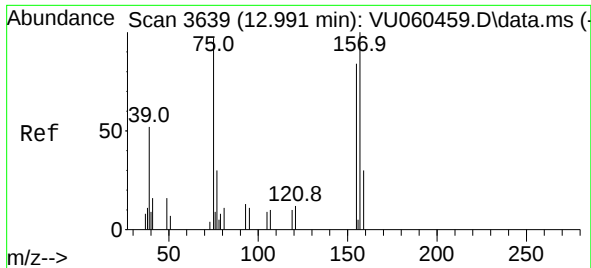
Tgt Ion: 63 Resp: 3668
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.159 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU060467.D
Acq: 15 Aug 2024 17:10

Tgt Ion: 75 Resp: 4257
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 31.0 27.0 40.6





#68

1,2-Dibromo-3-chloropropane

Concen: 0.450 ug/L

RT: 12.769 min Scan# 3570

Delta R.T. -0.222 min

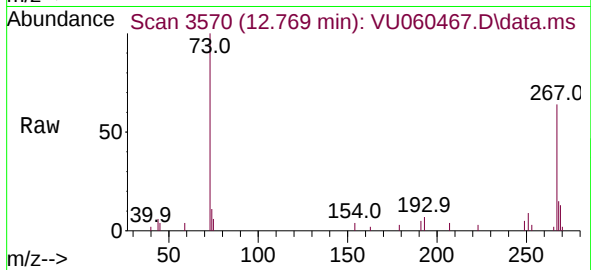
Lab File: VU060467.D

Acq: 15 Aug 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 310

Ion Ratio Lower Upper

75 100

155 0.0 64.3 96.5#

157 0.0 88.0 132.0#

