

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059708.D
 Acq On : 02 Jul 2024 00:52
 Operator : MD/SY
 Sample : P3121-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 03:56:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

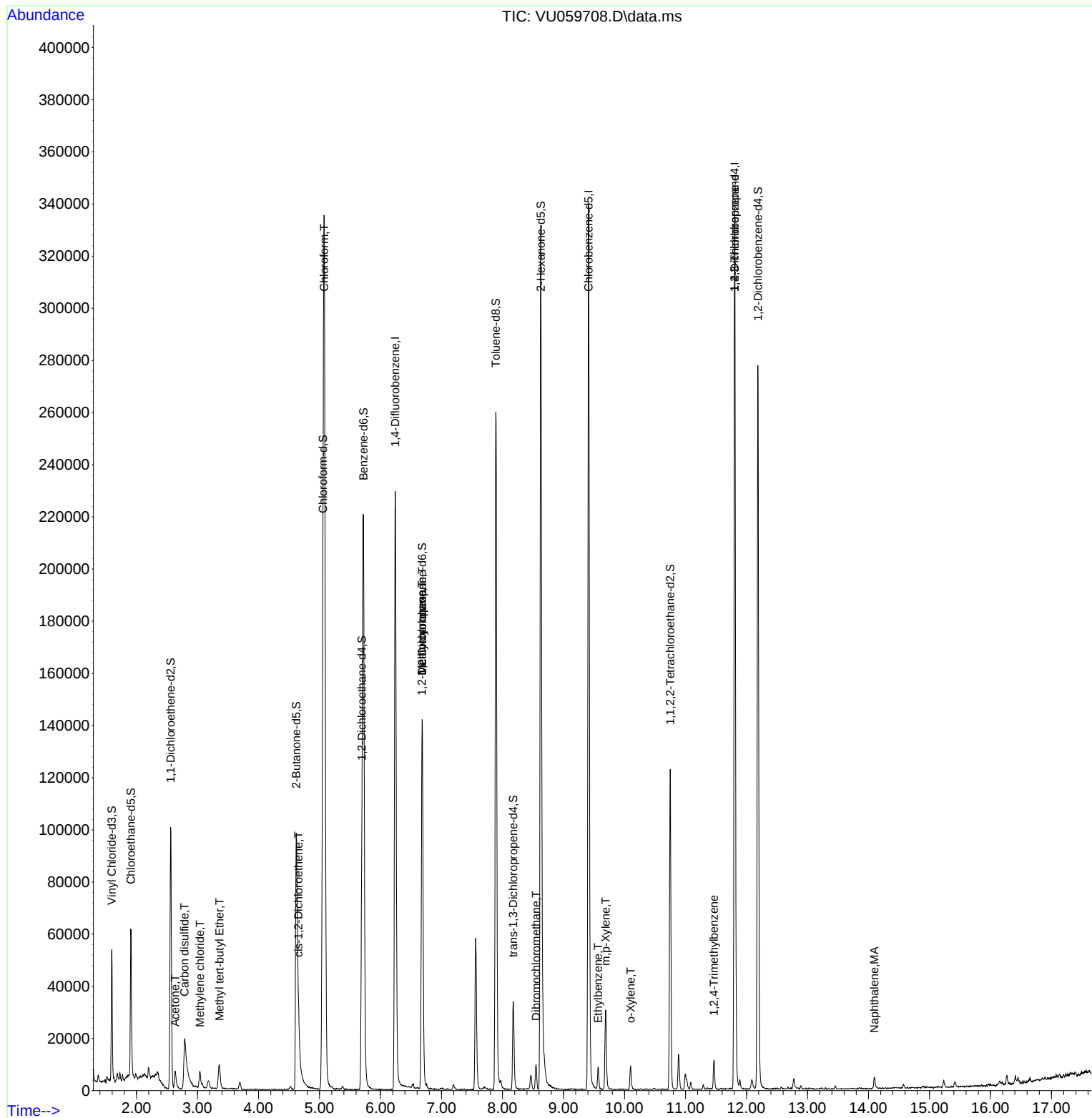
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	201576	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	199504	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	97821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36766	2.623	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.400%
7) Chloroethane-d5	1.907	69	43016	3.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.800%#
11) 1,1-Dichloroethene-d2	2.560	65	19101	3.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.621	46	149345	51.726	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.460%
24) Chloroform-d	5.055	84	123827	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.695	65	57539	4.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	5.721	84	218709	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.682	67	70281	4.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.891	98	186258	3.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.177	79	20519	3.895	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.627	63	117890	53.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.700%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	61991	4.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	79577	4.571	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
13) Acetone	2.634	43	9038	4.826	ug/L	90
14) Carbon disulfide	2.785	76	10444	0.219	ug/L	100
16) Methylene chloride	3.039	84	3236	0.191	ug/L	88
17) Methyl tert-butyl Ether	3.361	73	9909	0.322	ug/L #	90
22) cis-1,2-Dichloroethene	4.657	96	3561	0.217	ug/L	97
25) Chloroform	5.078	83	278718	9.652	ug/L	99
35) Methylcyclohexane	6.682	83	16880	0.723	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	7582	0.484	ug/L #	90
49) Dibromochloromethane	8.550	129	2096	0.164	ug/L #	12
52) Ethylbenzene	9.566	91	6186	0.094	ug/L	94
53) m,p-Xylene	9.692	106	9804	0.388	ug/L	92
54) o-Xylene	10.103	106	2756	0.115	ug/L	92
61) 1,2,3-Trichloropropane	11.804	75	10523	1.164	ug/L #	70
63) 1,2,4-Trimethylbenzene	11.467	105	6417	0.140	ug/L	94
71) Naphthalene	14.097	128	4967	0.199	ug/L #	90

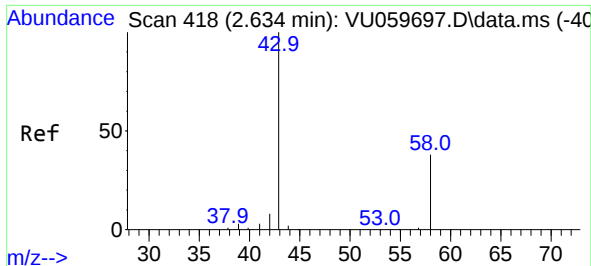
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.826 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.000 min

Lab File: VU059708.D

Acq: 02 Jul 2024 00:52

Instrument :

MSVOA_U

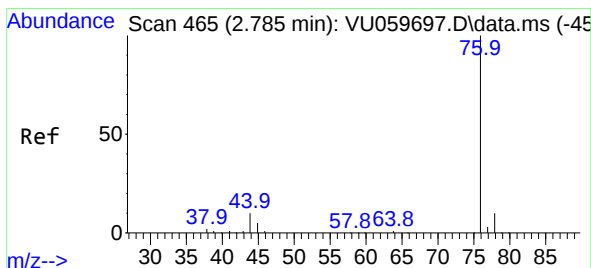
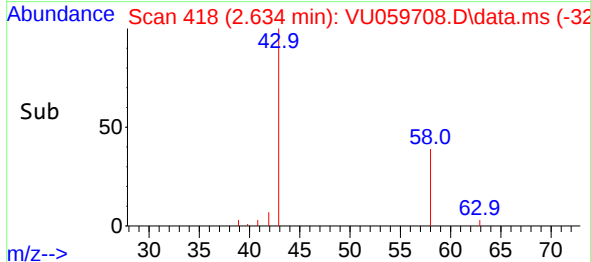
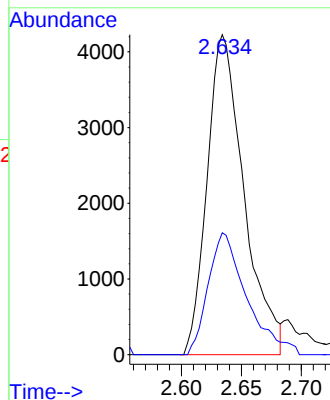
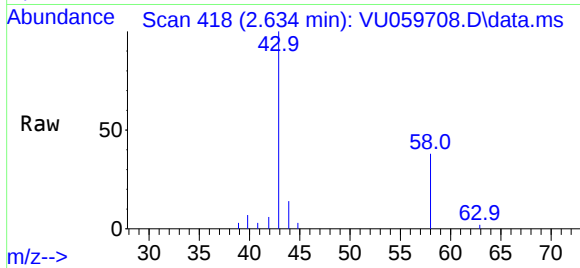
ClientSampleId :

Tgt Ion: 43 Resp: 9038

Ion Ratio Lower Upper

43 100

58 39.6 0.0 68.0



#14

Carbon disulfide

Concen: 0.219 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU059708.D

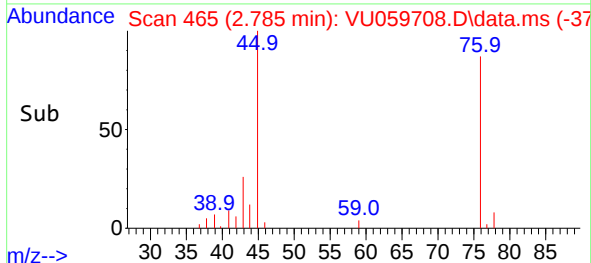
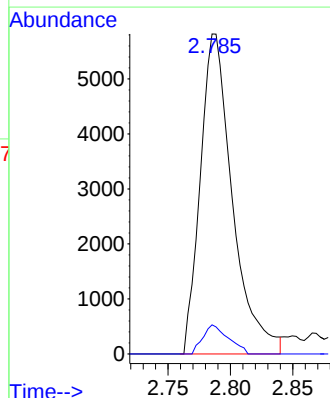
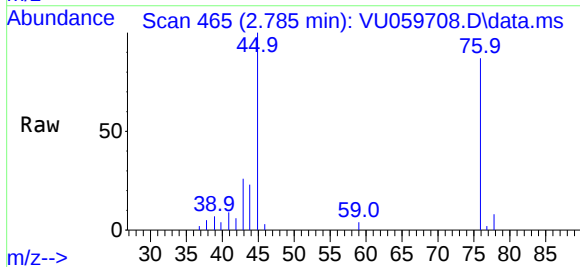
Acq: 02 Jul 2024 00:52

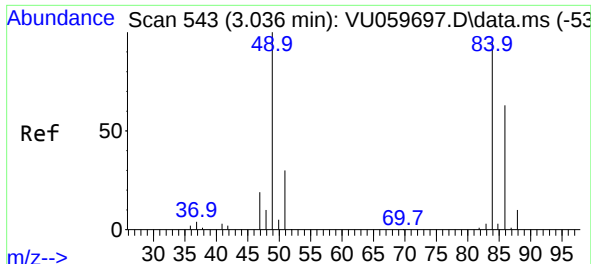
Tgt Ion: 76 Resp: 10444

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

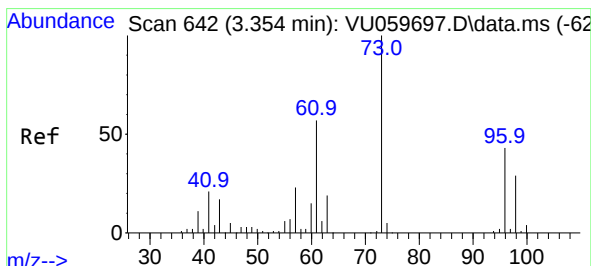
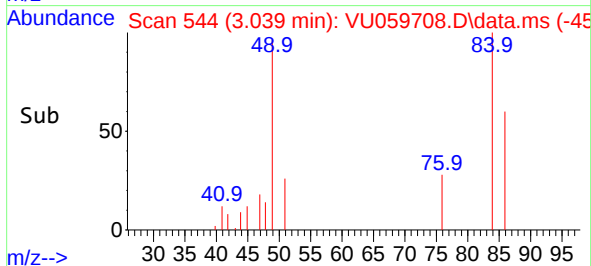
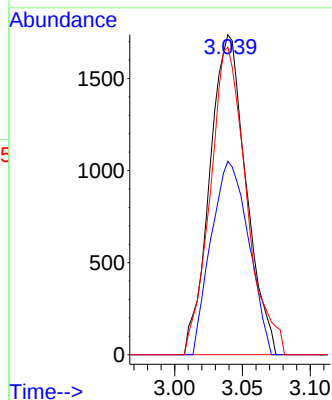
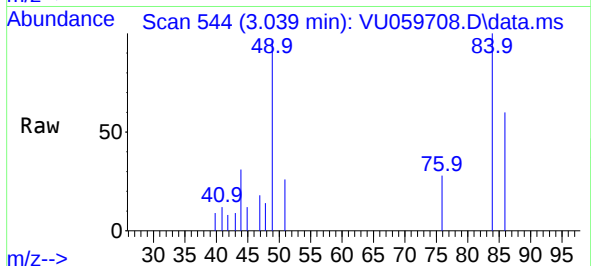




#16
Methylene chloride
Concen: 0.191 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU059708.D
Acq: 02 Jul 2024 00:52

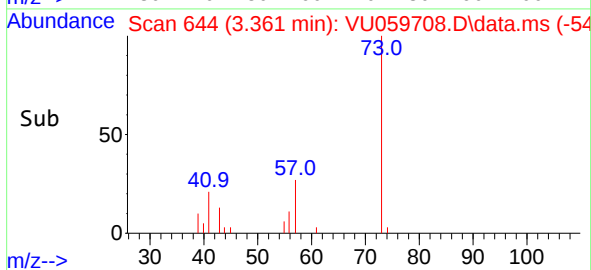
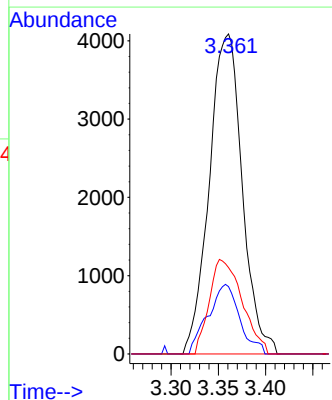
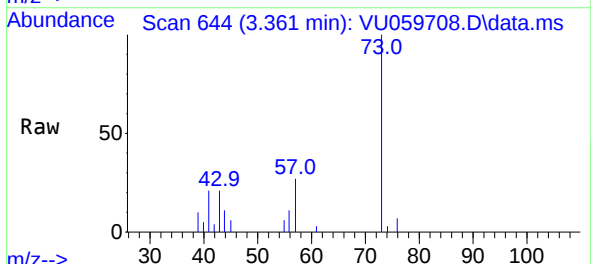
Instrument :
MSVOA_U
ClientSampleId :

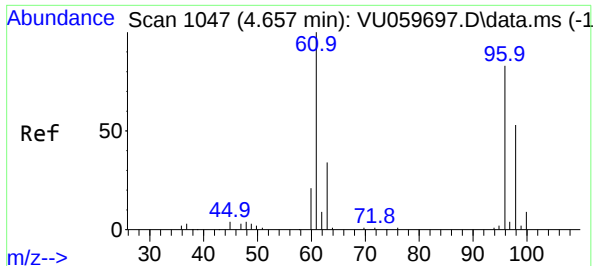
Tgt Ion: 84 Resp: 3236
Ion Ratio Lower Upper
84 100
86 60.4 42.1 78.1
49 96.1 80.6 149.8



#17
Methyl tert-butyl Ether
Concen: 0.322 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.007 min
Lab File: VU059708.D
Acq: 02 Jul 2024 00:52

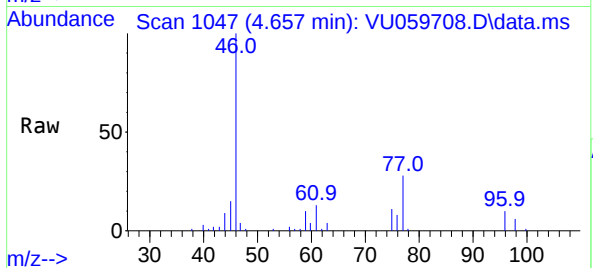
Tgt Ion: 73 Resp: 9909
Ion Ratio Lower Upper
73 100
43 20.9 14.9 22.3
57 29.5 18.0 27.0#



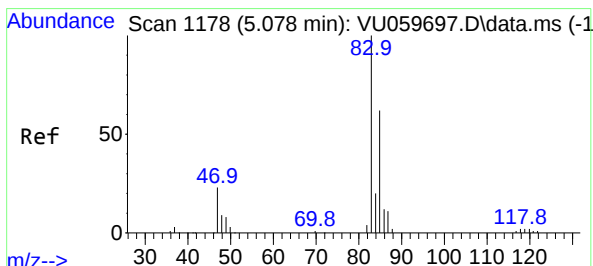
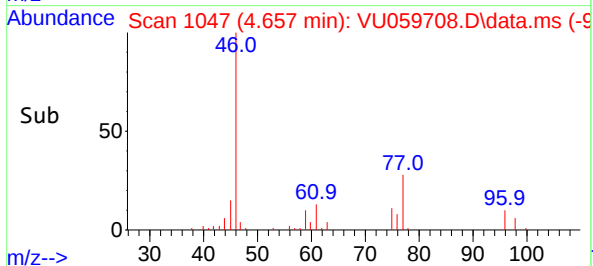
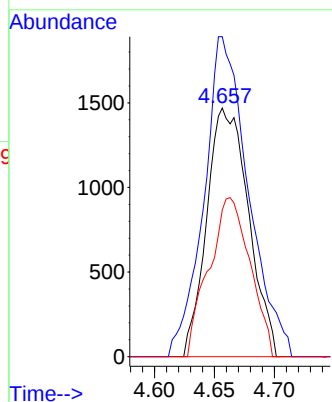


#22
cis-1,2-Dichloroethene
Concen: 0.217 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059708.D
Acq: 02 Jul 2024 00:52

Instrument :
MSVOA_U
ClientSampleId :

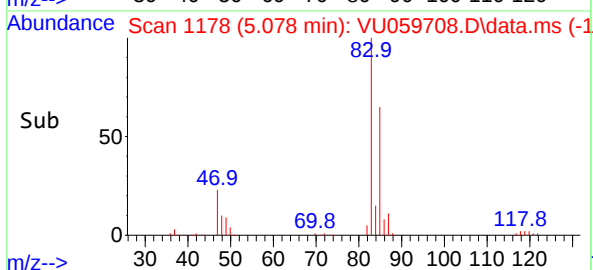
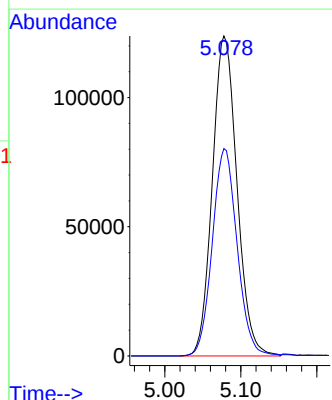
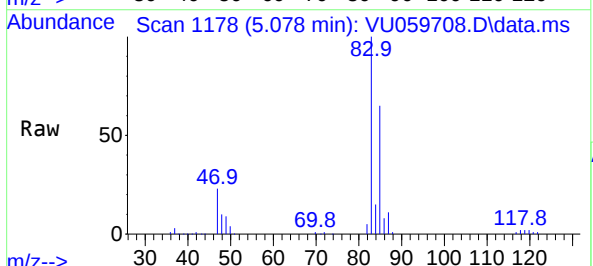


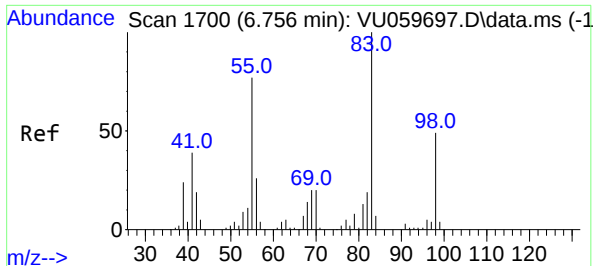
Tgt Ion: 96 Resp: 3561
Ion Ratio Lower Upper
96 100
61 128.7 87.4 162.2
98 59.0 42.3 78.5



#25
Chloroform
Concen: 9.652 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU059708.D
Acq: 02 Jul 2024 00:52

Tgt Ion: 83 Resp: 278718
Ion Ratio Lower Upper
83 100
85 64.8 44.7 83.1





#35

Methylcyclohexane

Concen: 0.723 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059708.D

Acq: 02 Jul 2024 00:52

Instrument :

MSVOA_U

ClientSampleId :

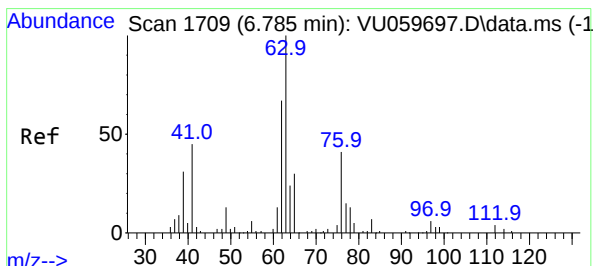
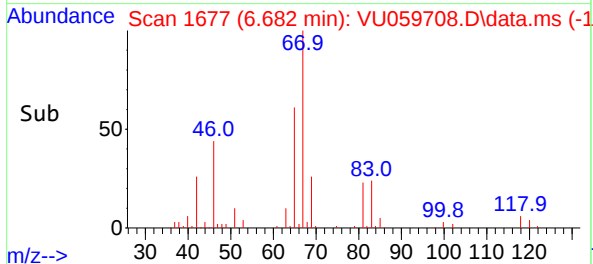
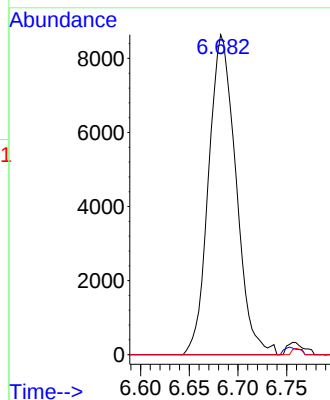
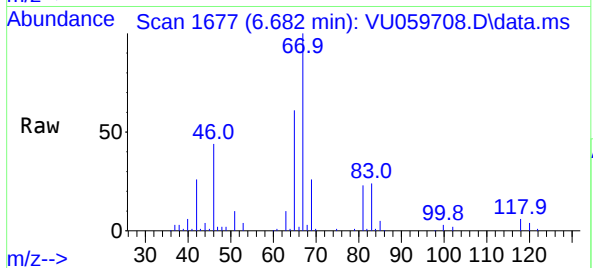
Tgt Ion: 83 Resp: 16880

Ion Ratio Lower Upper

83 100

55 1.3 62.7 94.1#

98 0.6 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.484 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.106 min

Lab File: VU059708.D

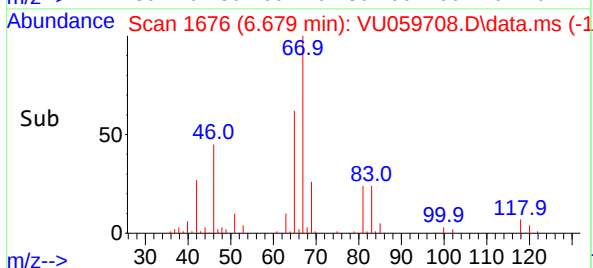
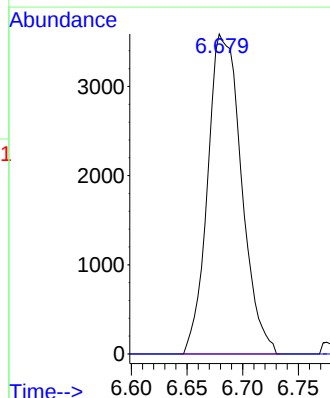
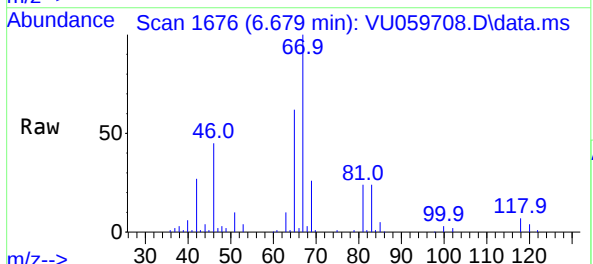
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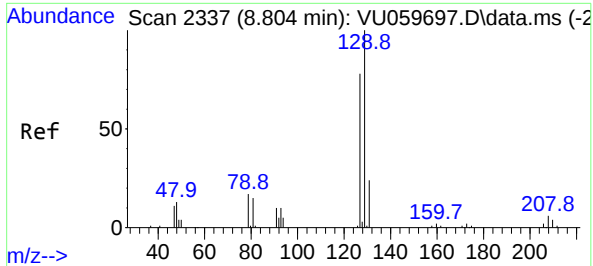
Tgt Ion: 63 Resp: 7582

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

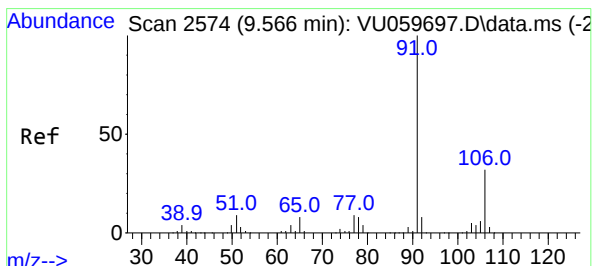
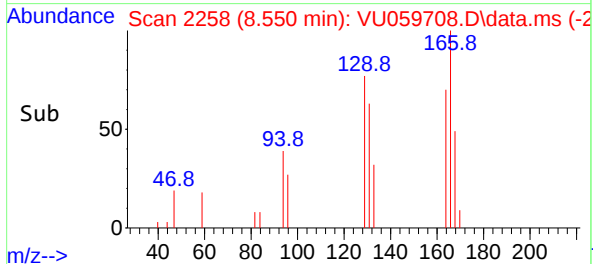
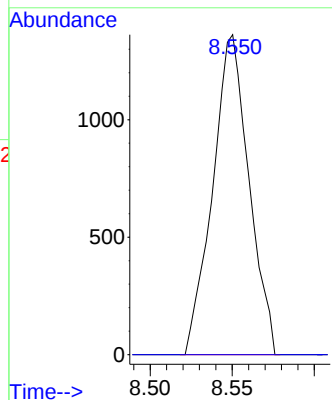
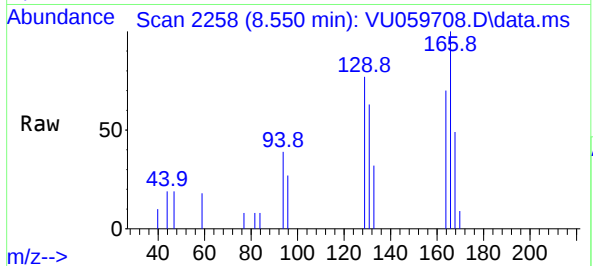




#49
Dibromochloromethane
Concen: 0.164 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.251 min
Lab File: VU059708.D
Acq: 02 Jul 2024 00:52

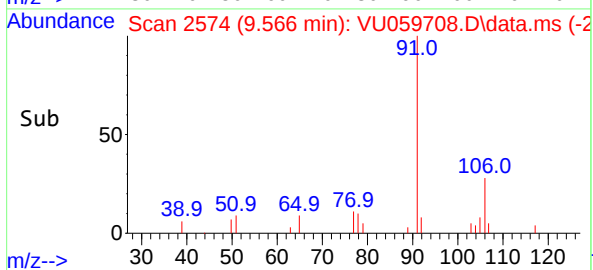
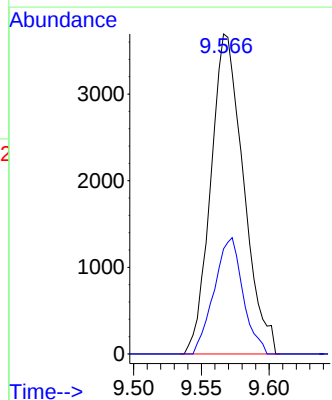
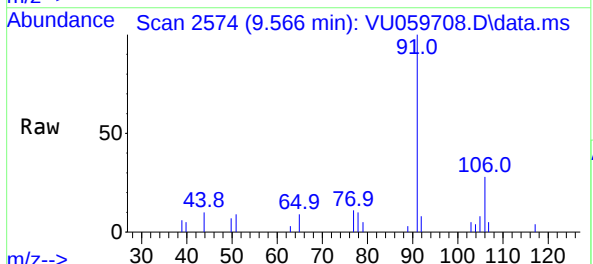
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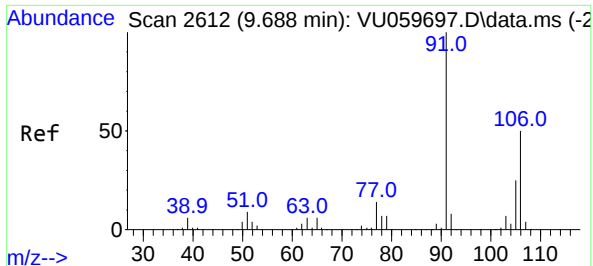
Tgt Ion:129 Resp: 2096
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#



#52
Ethylbenzene
Concen: 0.094 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU059708.D
Acq: 02 Jul 2024 00:52

Tgt Ion: 91 Resp: 6186
Ion Ratio Lower Upper
91 100
106 32.9 20.9 38.7

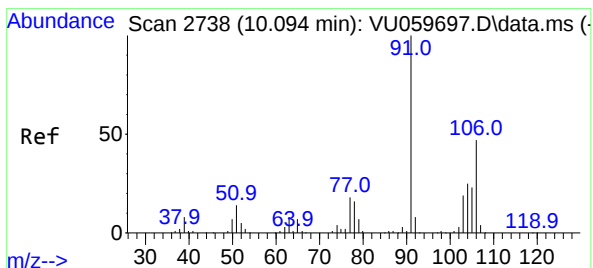
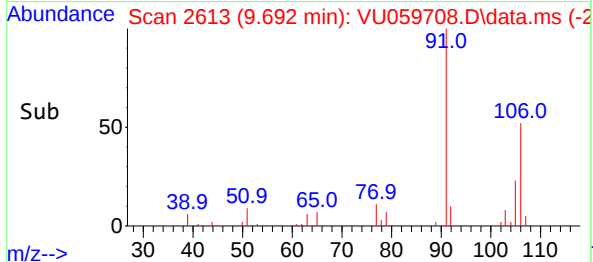
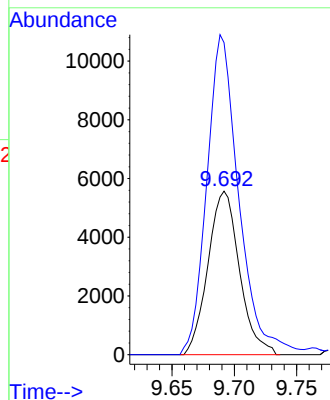
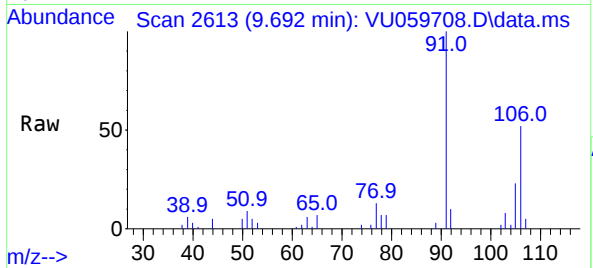




#53
m,p-Xylene
Concen: 0.388 ug/L
RT: 9.692 min Scan# 2741
Delta R.T. 0.003 min
Lab File: VU059708.D
Acq: 02 Jul 2024 00:52

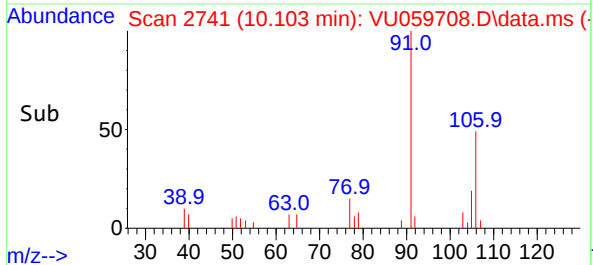
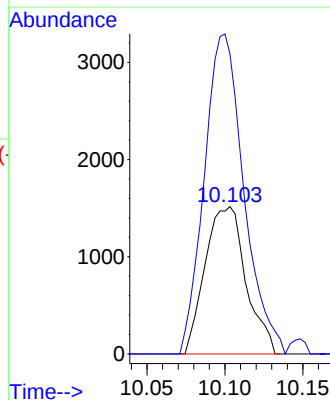
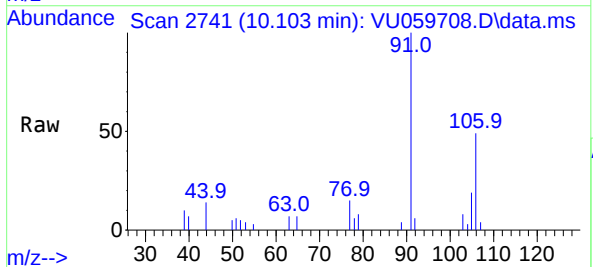
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MSVOA_U
ClientSampleId :

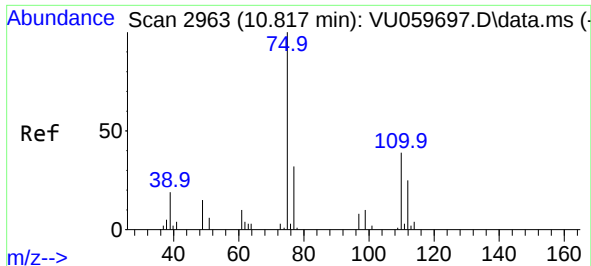
Tgt Ion:106 Resp: 9804
Ion Ratio Lower Upper
106 100
91 190.8 142.0 263.8



#54
o-Xylene
Concen: 0.115 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.010 min
Lab File: VU059708.D
Acq: 02 Jul 2024 00:52

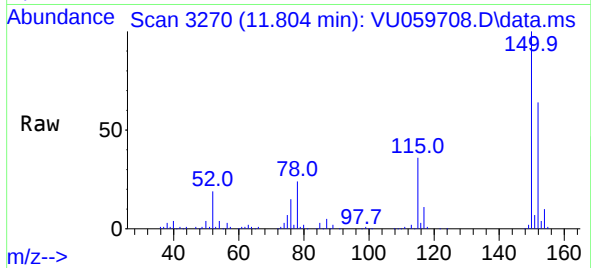
Tgt Ion:106 Resp: 2756
Ion Ratio Lower Upper
106 100
91 203.5 151.6 281.6



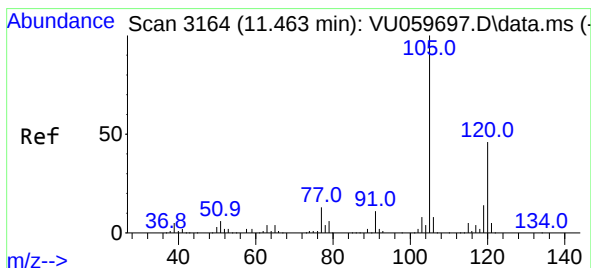
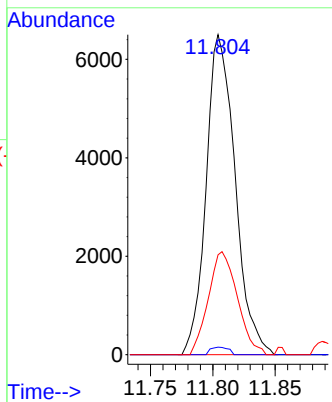
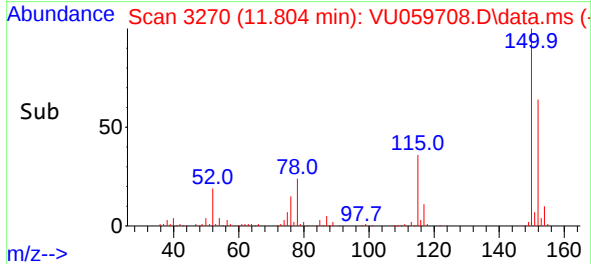


#61
1,2,3-Trichloropropane
Concen: 1.164 ug/L
RT: 11.804 min Scan# 3165
Delta R.T. 0.987 min
Lab File: VU059708.D
Acq: 02 Jul 2024 00:52

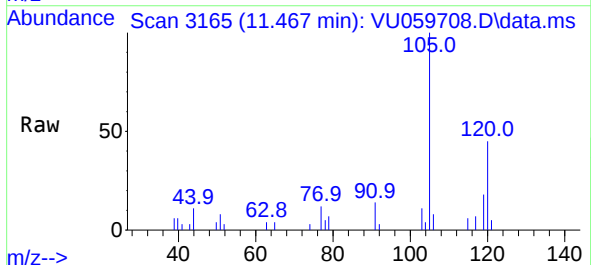
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MSVOA_U
ClientSampleId :



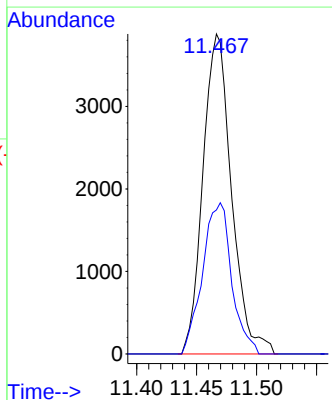
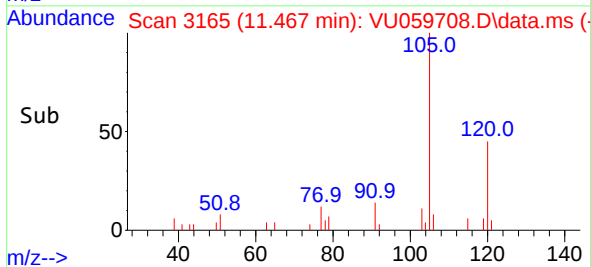
Tgt Ion: 75 Resp: 10523
Ion Ratio Lower Upper
75 100
110 1.4 27.1 40.7#
77 32.2 25.4 38.2

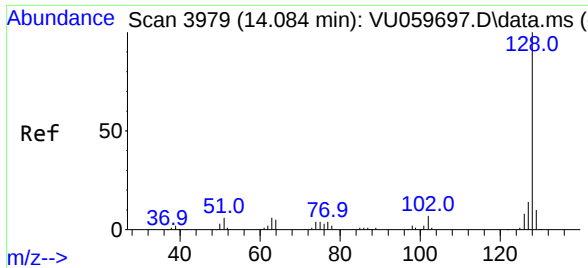


#63
1,2,4-Trimethylbenzene
Concen: 0.140 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU059708.D
Acq: 02 Jul 2024 00:52



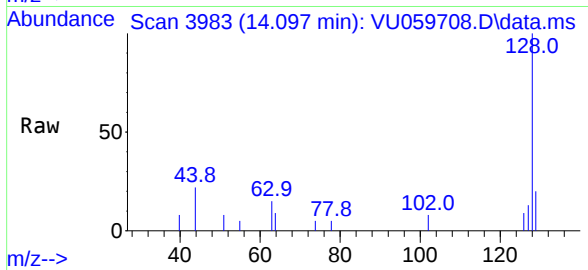
Tgt Ion: 105 Resp: 6417
Ion Ratio Lower Upper
105 100
120 48.2 35.4 53.0





#71
Naphthalene
Concen: 0.199 ug/L
RT: 14.097 min Scan# 3983
Delta R.T. 0.013 min
Lab File: VU059708.D
Acq: 02 Jul 2024 00:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 4967
Ion Ratio Lower Upper
128 100
129 11.2 8.2 12.4
127 6.6 10.2 15.4#

