

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059703.D
 Acq On : 01 Jul 2024 22:53
 Operator : MD/SY
 Sample : P3121-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 03:55:23 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	213766	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	210525	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	112526	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40455	2.722	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	54.400%	
7) Chloroethane-d5	1.907	69	45260	3.165	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	63.200%#	
11) 1,1-Dichloroethene-d2	2.560	65	19786	3.208	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.200%	
20) 2-Butanone-d5	4.627	46	179258	58.546	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.100%	
24) Chloroform-d	5.055	84	115271	3.778	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.600%	
26) 1,2-Dichloroethane-d4	5.695	65	60667	4.128	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
32) Benzene-d6	5.721	84	227683	3.930	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.600%	
36) 1,2-Dichloropropane-d6	6.682	67	74114	4.174	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.400%	
41) Toluene-d8	7.891	98	202461	3.759	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.200%	
43) trans-1,3-Dichloroprop...	8.174	79	24333	4.377	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.627	63	150870	65.313	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	130.620%#	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	69429	4.733	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	90566	4.522	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.400%	
Target Compounds						Qvalue
14) Carbon disulfide	2.788	76	14123	0.279	ug/L	100
15) Methyl Acetate	2.955	43	8174	1.560	ug/L	92
22) cis-1,2-Dichloroethene	4.656	96	165449	9.520	ug/L	95
30) Cyclohexane	5.380	56	63695	2.968	ug/L #	95
35) Methylcyclohexane	6.756	83	13270	0.539	ug/L	97
37) 1,2-Dichloropropane	6.682	63	7872	0.476	ug/L #	90
42) Toluene	7.965	91	42933	0.634	ug/L	99
49) Dibromochloromethane	8.547	129	5216	0.386	ug/L #	12
52) Ethylbenzene	9.566	91	156625	2.256	ug/L	95
53) m,p-Xylene	9.688	106	188150	7.056	ug/L	98
54) o-Xylene	10.093	106	35228	1.392	ug/L	94
60) Isopropylbenzene	10.479	105	15266	0.220	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.081	105	49584	0.900	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	457257	8.685	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.965	75	206	0.102	ug/L #	6
71) Naphthalene	14.080	128	135316	4.709	ug/L	98

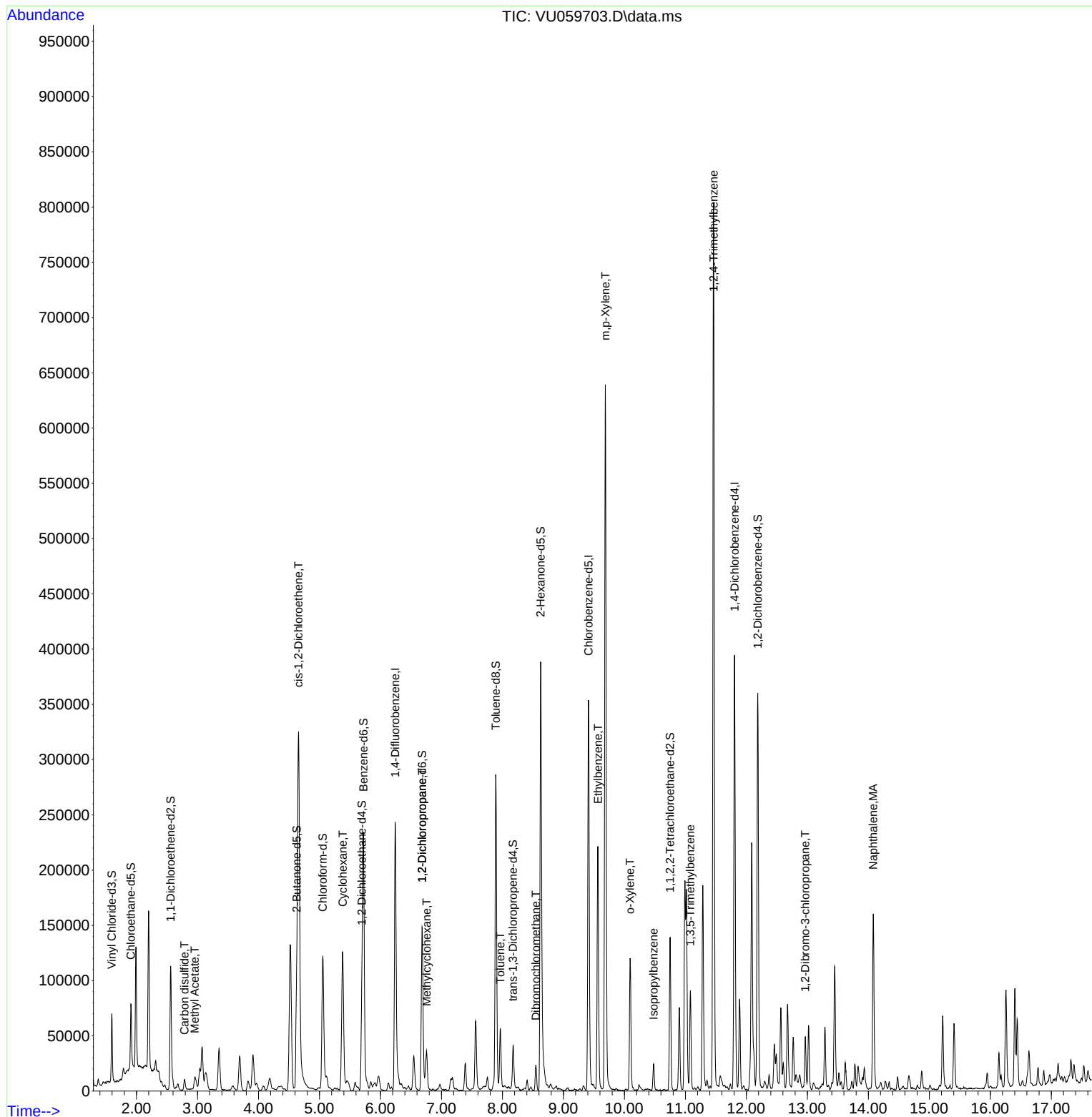
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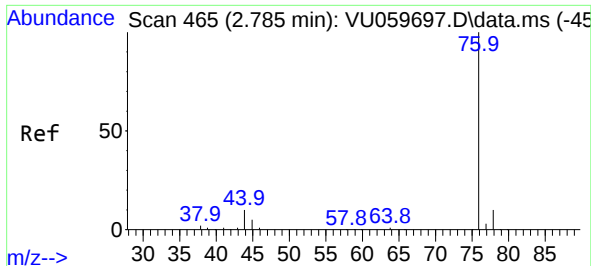
Instrument :
MSVOA_U
ClientSampleId :

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Response via : Initial Calibration

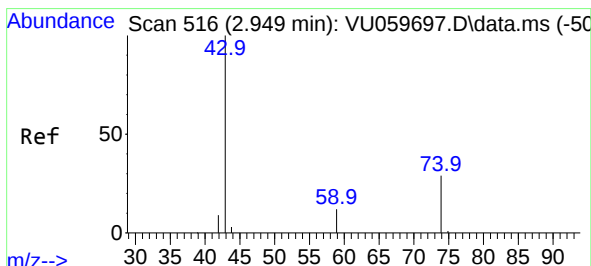
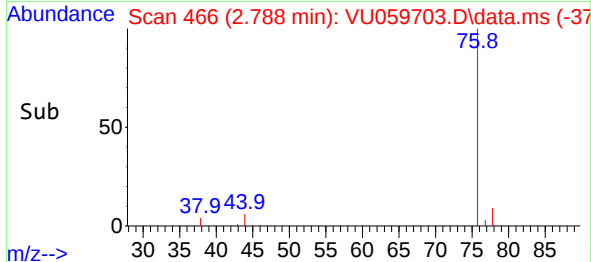
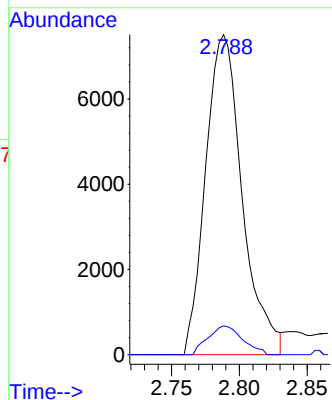
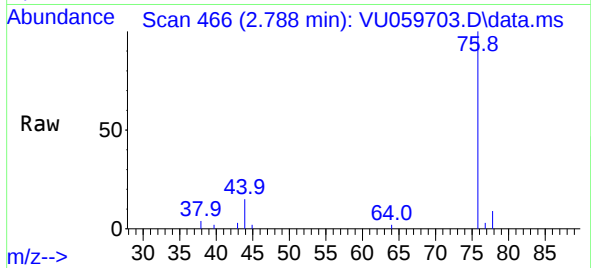




#14
Carbon disulfide
Concen: 0.279 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

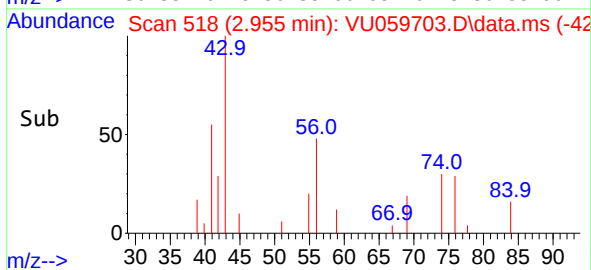
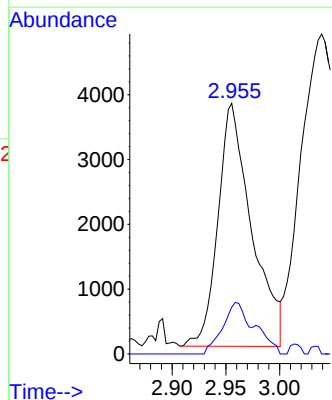
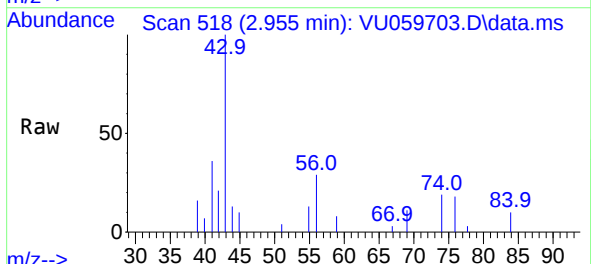
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ClientSampleId :

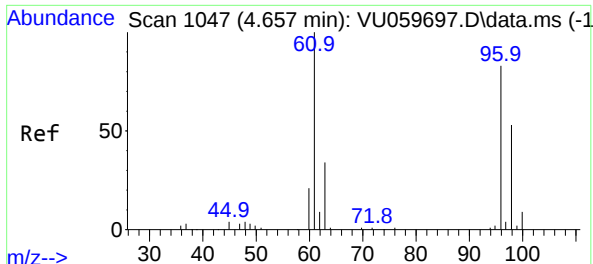
Tgt Ion: 76 Resp: 14123
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#15
Methyl Acetate
Concen: 1.560 ug/L
RT: 2.955 min Scan# 518
Delta R.T. 0.006 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

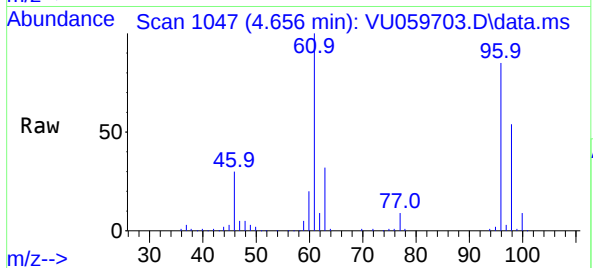
Tgt Ion: 43 Resp: 8174
Ion Ratio Lower Upper
43 100
74 20.0 19.2 28.8



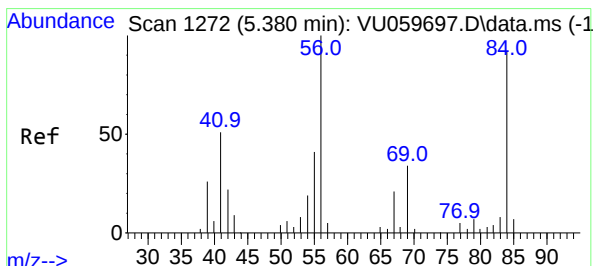
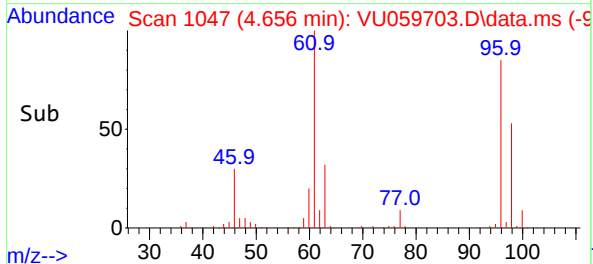
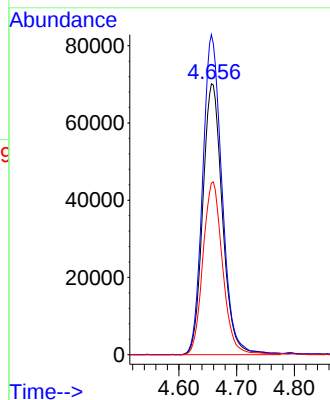


#22
cis-1,2-Dichloroethene
Concen: 9.520 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

Instrument :
MSVOA_U
ClientSampleId :

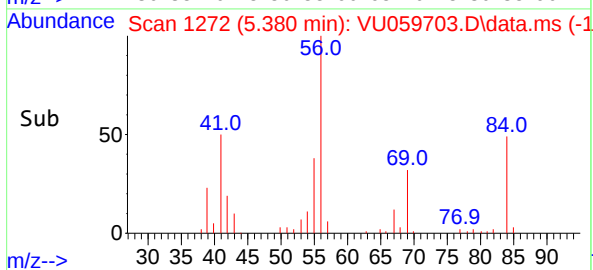
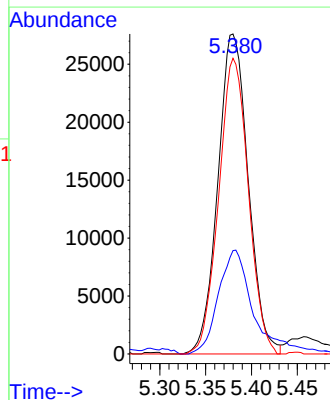
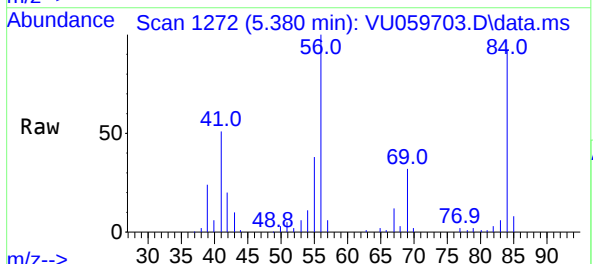


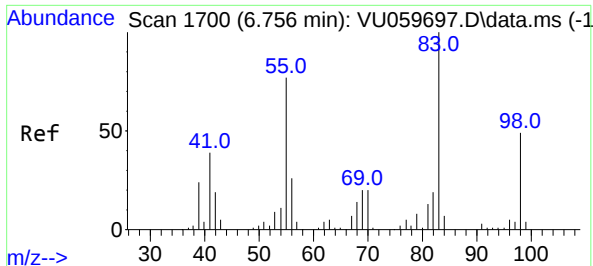
Tgt Ion: 96 Resp: 165449
Ion Ratio Lower Upper
96 100
61 118.2 87.4 162.2
98 63.4 42.3 78.5



#30
Cyclohexane
Concen: 2.968 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

Tgt Ion: 56 Resp: 63695
Ion Ratio Lower Upper
56 100
69 37.8 24.8 37.2#
84 90.1 69.8 104.8

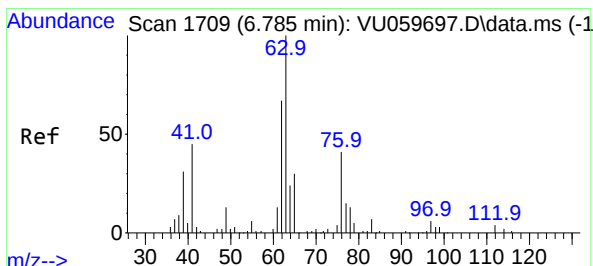
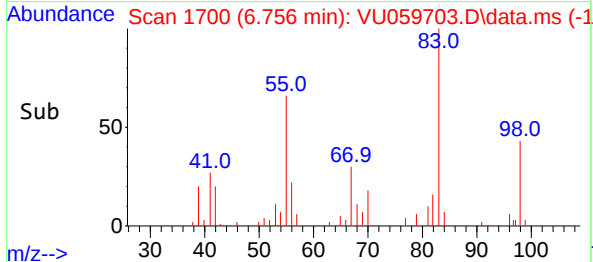
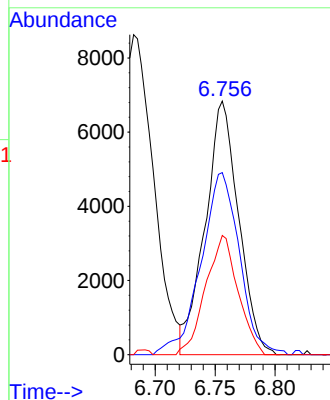
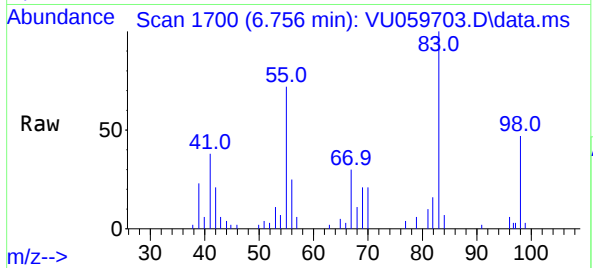




#35
Methylcyclohexane
Concen: 0.539 ug/L
RT: 6.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

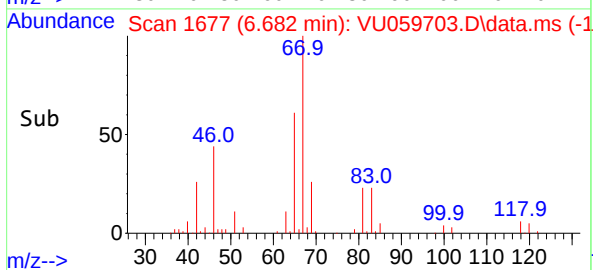
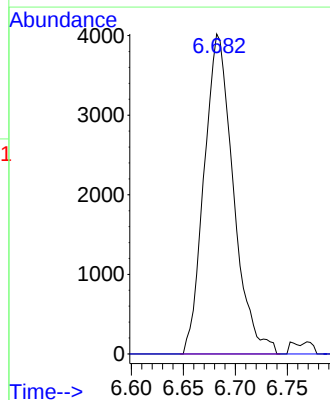
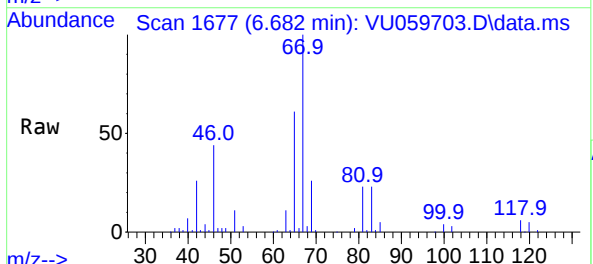
Instrument :
MSVOA_U
ClientSampleId :

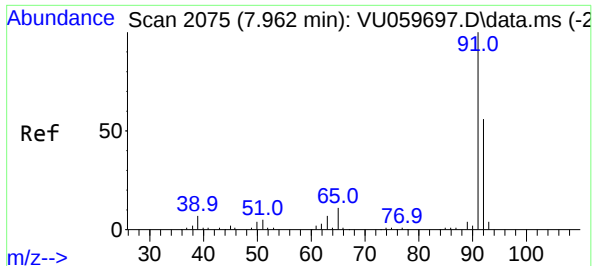
Tgt Ion: 83 Resp: 13270
Ion Ratio Lower Upper
83 100
55 82.2 62.7 94.1
98 45.5 35.4 53.0



#37
1,2-Dichloropropane
Concen: 0.476 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

Tgt Ion: 63 Resp: 7872
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#42

Toluene

Concen: 0.634 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059703.D

Acq: 01 Jul 2024 22:53

Instrument :

MSVOA_U

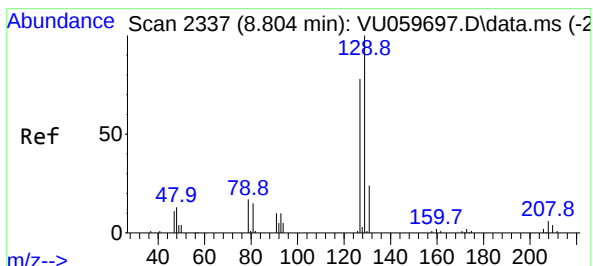
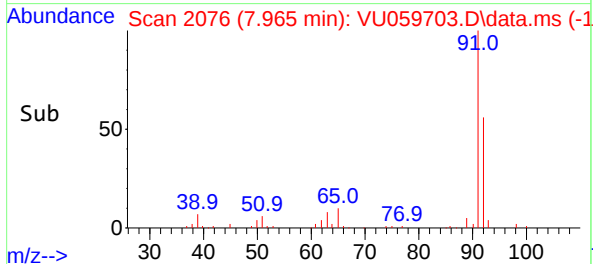
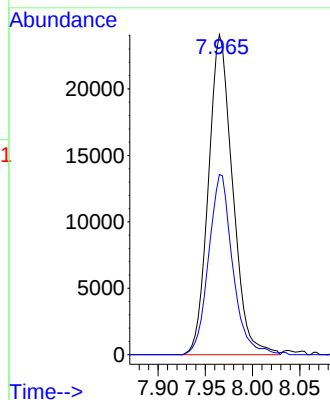
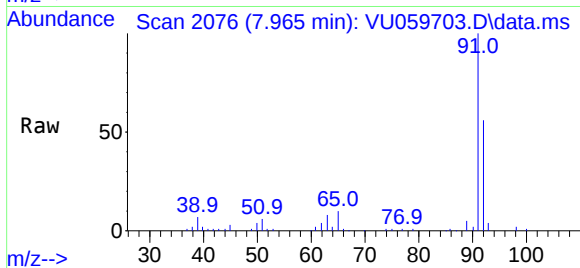
ClientSampleId :

Tgt Ion: 91 Resp: 42933

Ion Ratio Lower Upper

91 100

92 56.3 39.7 73.7



#49

Dibromochloromethane

Concen: 0.386 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU059703.D

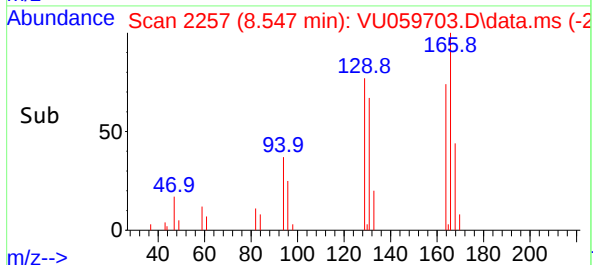
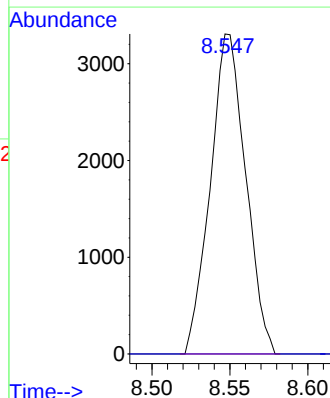
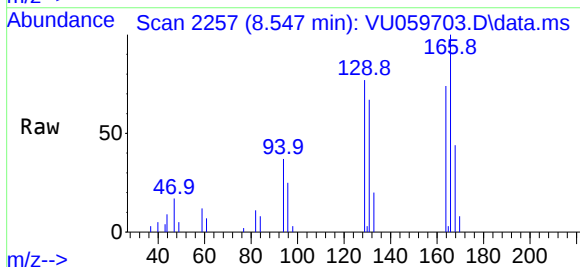
Acq: 01 Jul 2024 22:53

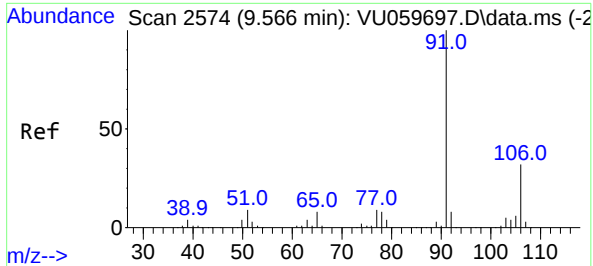
Tgt Ion: 129 Resp: 5216

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#

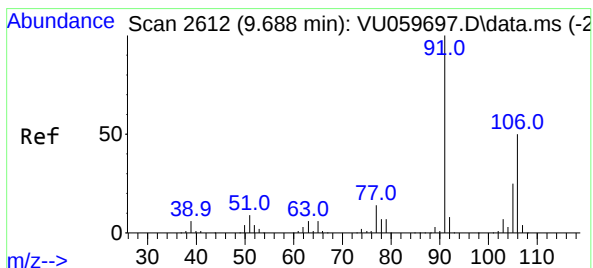
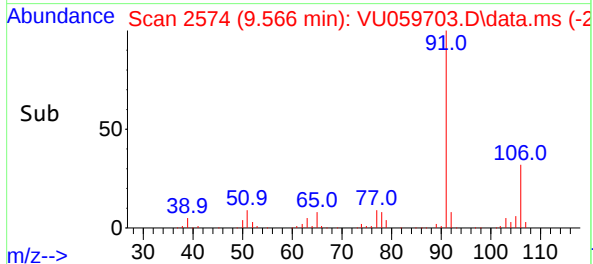
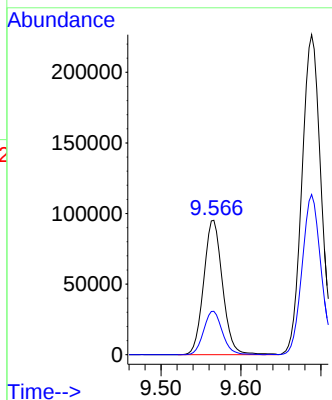
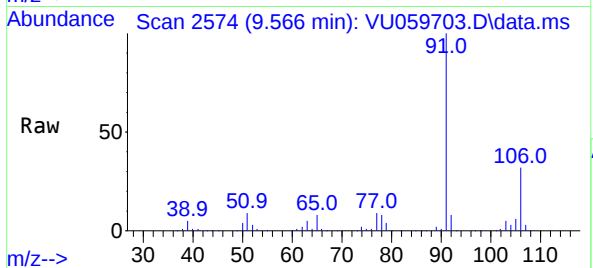




#52
Ethylbenzene
Concen: 2.256 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

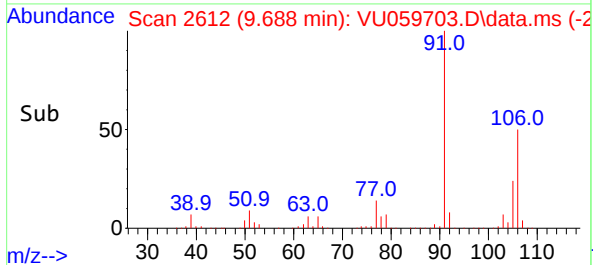
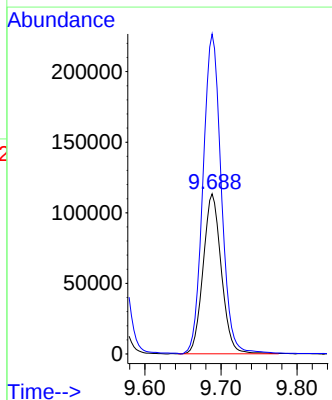
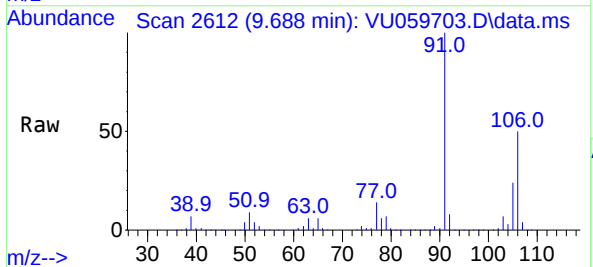
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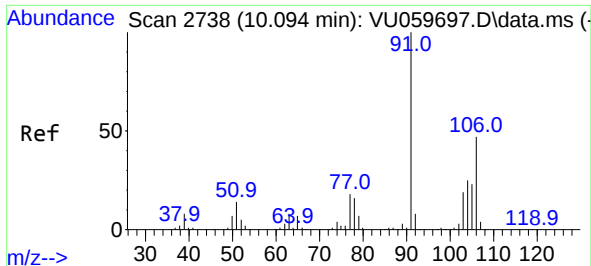
Tgt Ion: 91 Resp: 156625
Ion Ratio Lower Upper
91 100
106 32.3 20.9 38.7



#53
m,p-Xylene
Concen: 7.056 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

Tgt Ion:106 Resp: 188150
Ion Ratio Lower Upper
106 100
91 199.7 142.0 263.8

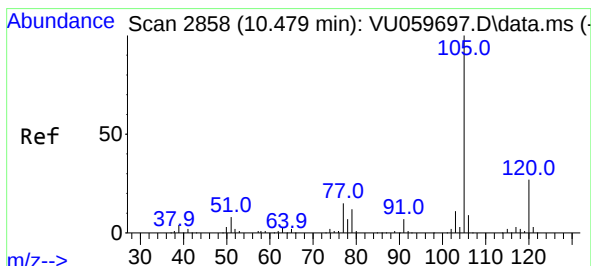
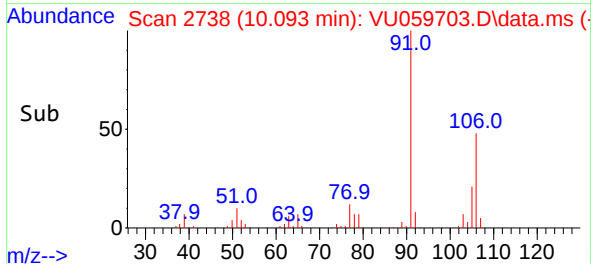
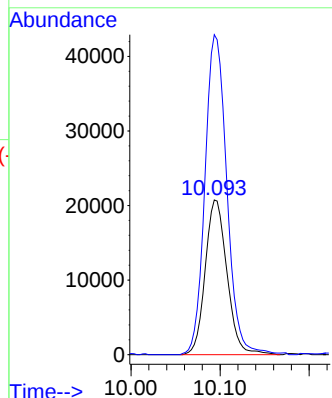
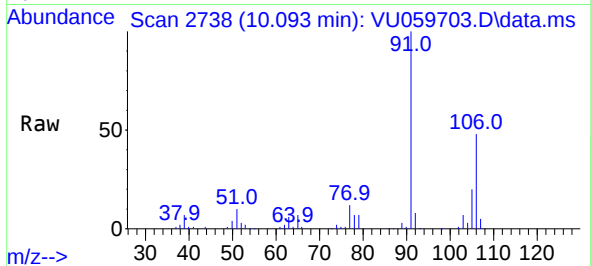




#54
o-Xylene
Concen: 1.392 ug/L
RT: 10.093 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

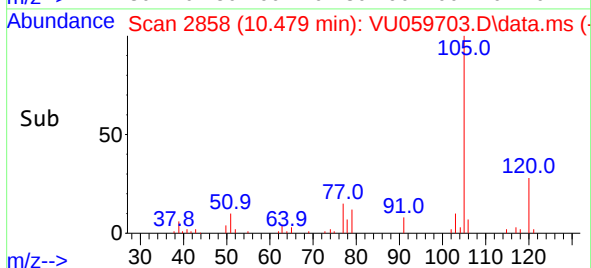
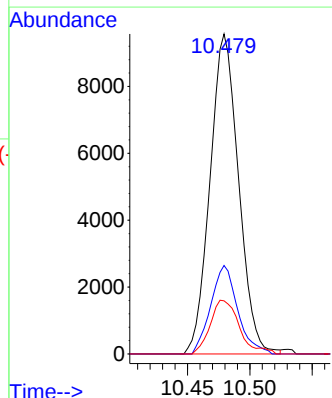
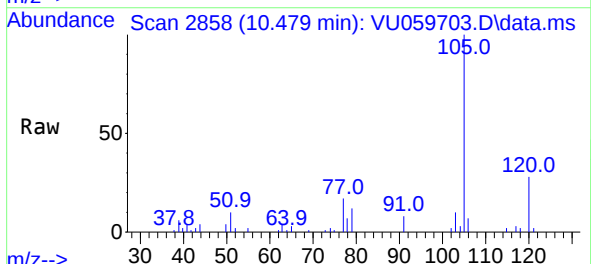
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MSVOA_U
ClientSampleId :

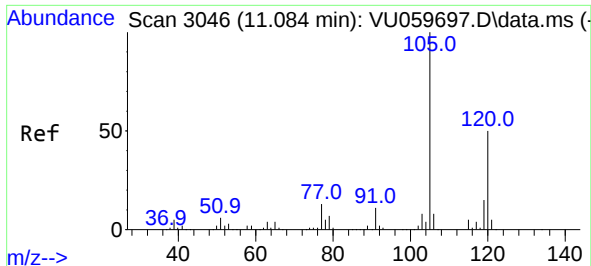
Tgt Ion:106 Resp: 35228
Ion Ratio Lower Upper
106 100
91 206.9 151.6 281.6



#60
Isopropylbenzene
Concen: 0.220 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

Tgt Ion:105 Resp: 15266
Ion Ratio Lower Upper
105 100
120 0.0 20.6 31.0#
77 17.1 12.8 19.2

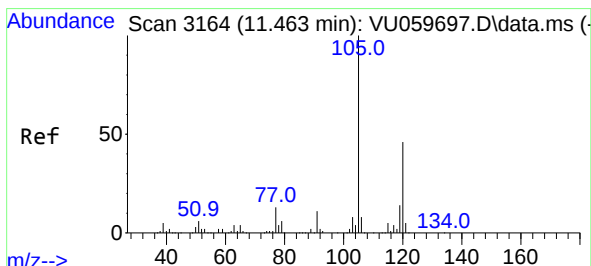
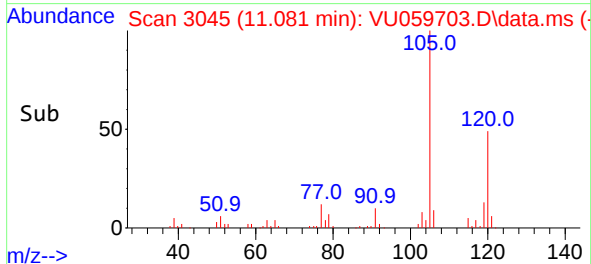
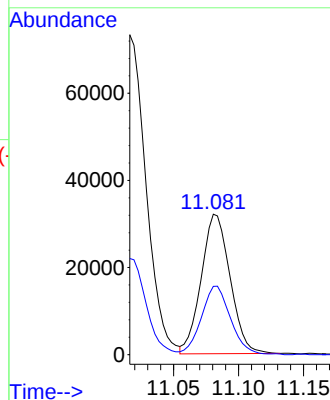
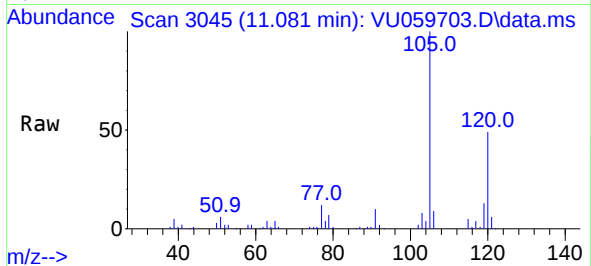




#62
1,3,5-Trimethylbenzene
Concen: 0.900 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

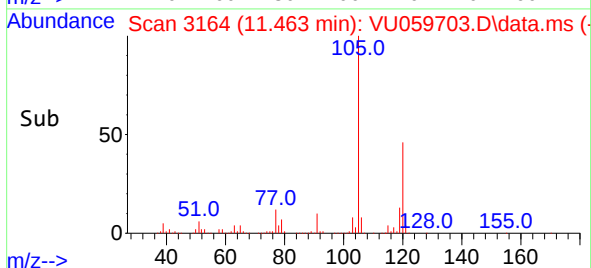
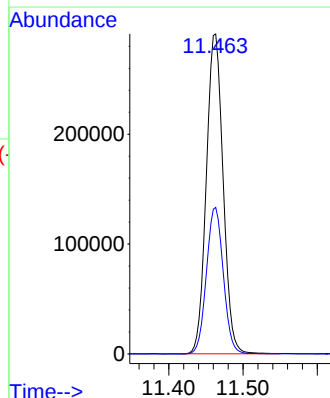
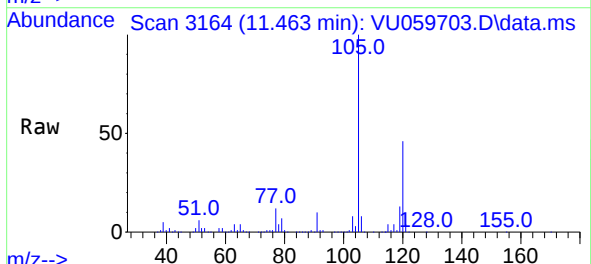
Instrument :
MSVOA_U
ClientSampleId :

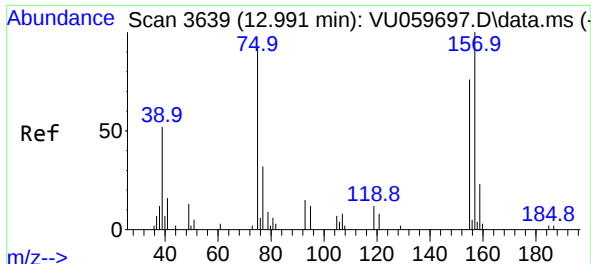
Tgt Ion:105 Resp: 49584
Ion Ratio Lower Upper
105 100
120 50.0 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 8.685 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

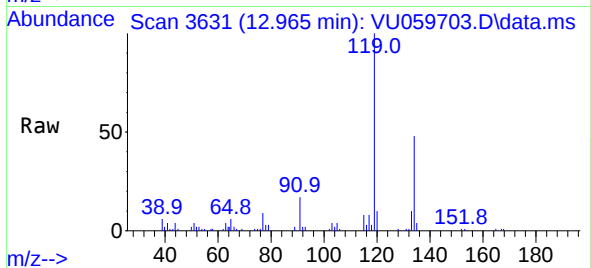
Tgt Ion:105 Resp: 457257
Ion Ratio Lower Upper
105 100
120 46.1 35.4 53.0



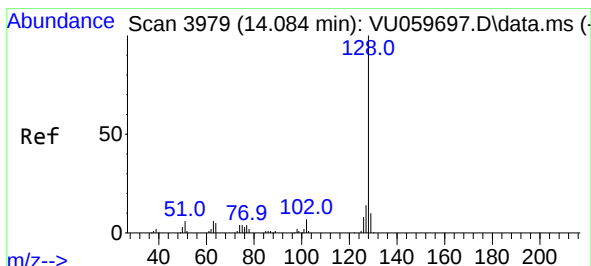
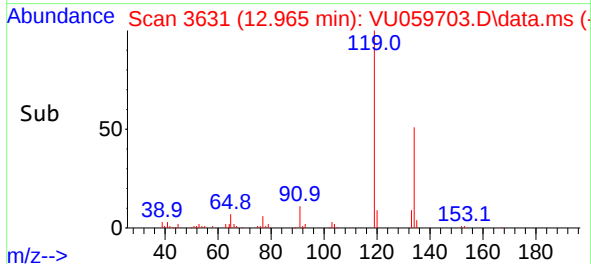
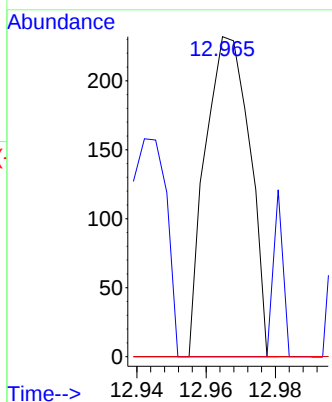


#68
1,2-Dibromo-3-chloropropane
Concen: 0.102 ug/L
RT: 12.965 min Scan# 30
Delta R.T. -0.026 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 206
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.2#
157 0.0 80.0 120.0#



#71
Naphthalene
Concen: 4.709 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU059703.D
Acq: 01 Jul 2024 22:53

Tgt Ion:128 Resp: 135316
Ion Ratio Lower Upper
128 100
129 11.5 8.2 12.4
127 13.3 10.2 15.4

