

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059856.D
 Acq On : 05 Jul 2024 12:58
 Operator : MD/SY
 Sample : P3136-17DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 03:03:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	171933	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167721	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50896	4.257	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.200%	
7) Chloroethane-d5	1.908	69	45009	3.913	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.200%	
11) 1,1-Dichloroethene-d2	2.560	65	19424	3.916	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.400%	
20) 2-Butanone-d5	4.615	46	136418	55.395	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.800%	
24) Chloroform-d	5.055	84	103659	4.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	5.695	65	54485	4.609	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.721	84	214338	4.643	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
36) 1,2-Dichloropropane-d6	6.682	67	67946	4.804	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.891	98	181210	4.223	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	8.174	79	24110	5.444	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	108.800%	
46) 2-Hexanone-d5	8.628	63	109558	59.533	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	119.060%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	59202	5.066	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	74427	5.275	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	100783	5.819	ug/L	99
15) Methyl Acetate	2.949	43	1432	0.340	ug/L #	51
16) Methylene chloride	3.036	84	3761	0.260	ug/L #	73
22) cis-1,2-Dichloroethene	4.660	96	19333	1.383	ug/L	96
25) Chloroform	5.116	83	4421	0.179	ug/L #	34
30) Cyclohexane	5.380	56	54429	3.183	ug/L	93
35) Methylcyclohexane	6.756	83	16664	0.849	ug/L	98
42) Toluene	7.965	91	71393	1.324	ug/L	97
52) Ethylbenzene	9.563	91	285493	5.161	ug/L	97
53) m,p-Xylene	9.695	106	6380	0.300	ug/L	91
54) o-Xylene	10.097	106	10914	0.541	ug/L	99
60) Isopropylbenzene	10.480	105	10509	0.215	ug/L	98
61) 1,2,3-Trichloropropane	11.807	75	8846	1.208	ug/L #	69
62) 1,3,5-Trimethylbenzene	11.084	105	7725	0.199	ug/L	95
63) 1,2,4-Trimethylbenzene	11.467	105	6309	0.170	ug/L	97
71) Naphthalene	14.087	128	22002	1.087	ug/L	98

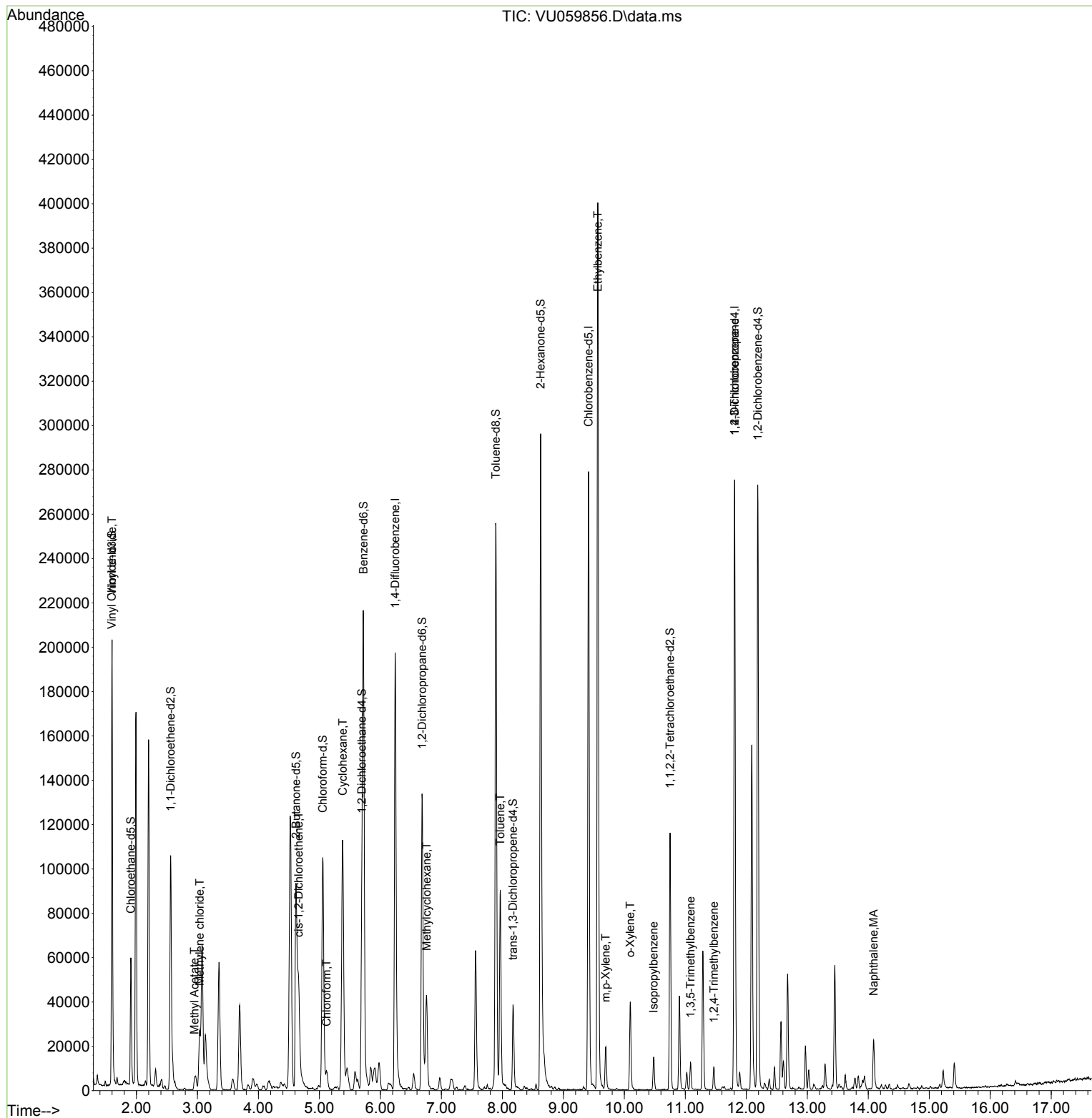
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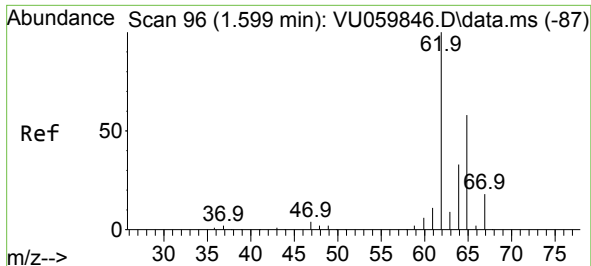
Instrument :
MSVOA_U
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 06 02:59:52 2024
Response via : Initial Calibration

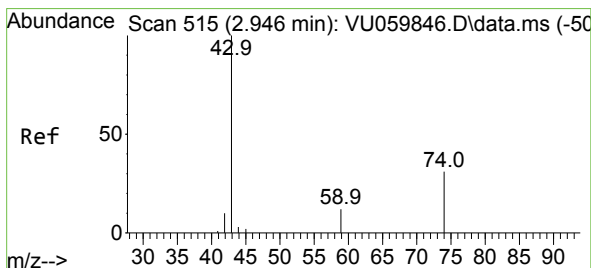
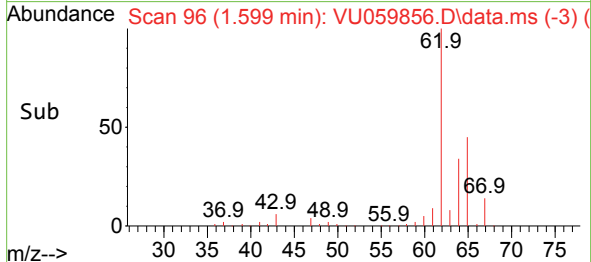
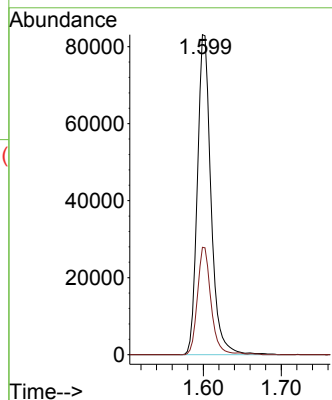
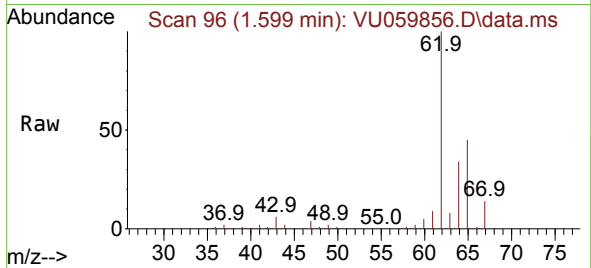




#5
 Vinyl chloride
 Concen: 5.819 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059856.D
 Acq: 05 Jul 2024 12:58

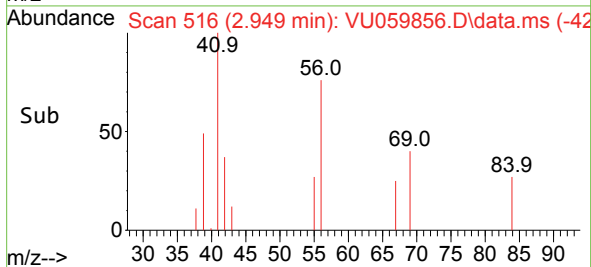
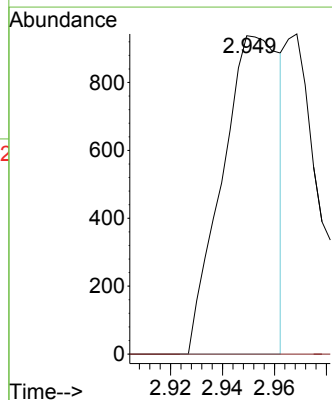
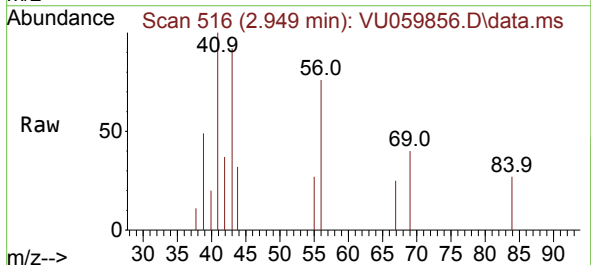
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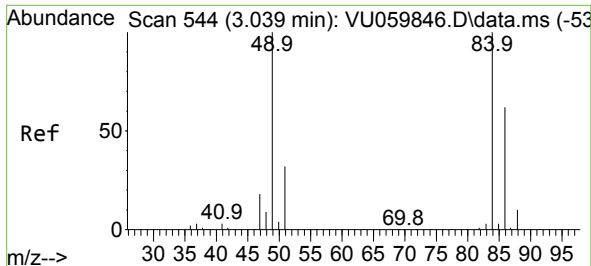
Tgt Ion: 62 Resp: 100783
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.1 42.9



#15
 Methyl Acetate
 Concen: 0.340 ug/L
 RT: 2.949 min Scan# 516
 Delta R.T. 0.003 min
 Lab File: VU059856.D
 Acq: 05 Jul 2024 12:58

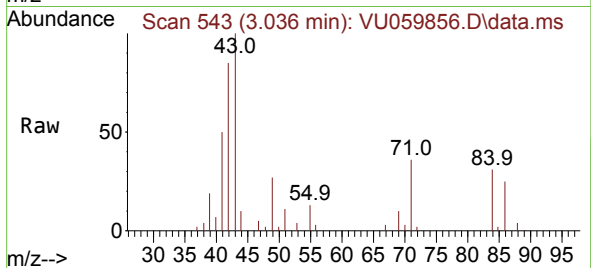
Tgt Ion: 43 Resp: 1432
 Ion Ratio Lower Upper
 43 100
 74 0.0 19.2 28.8#



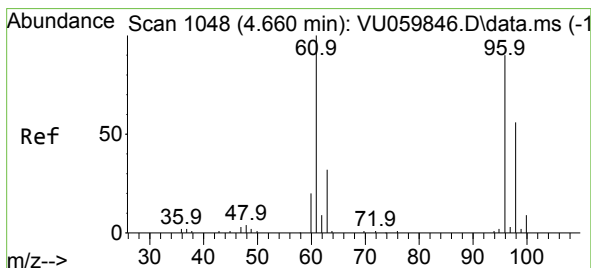
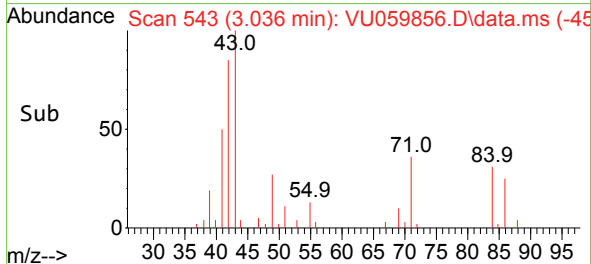
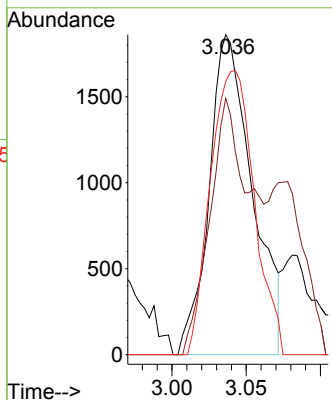


#16
Methylene chloride
Concen: 0.260 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :

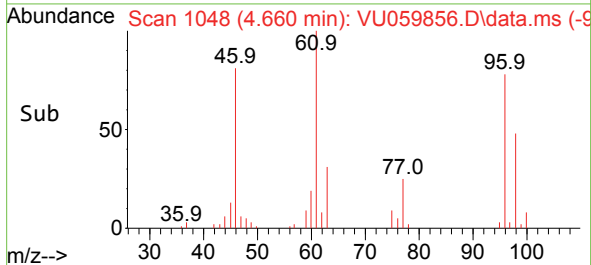
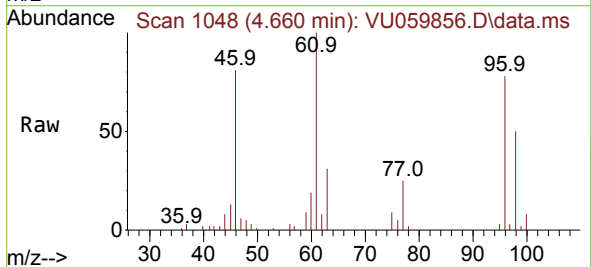
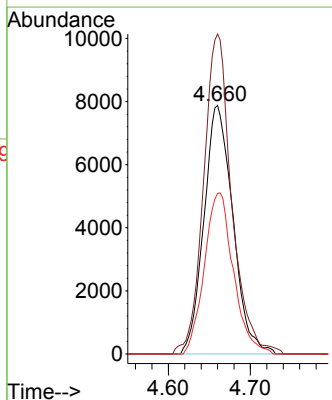


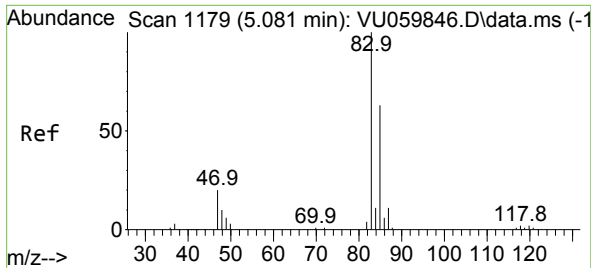
Tgt Ion: 84 Resp: 3761
Ion Ratio Lower Upper
84 100
86 80.1 42.1 78.1#
49 85.3 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 1.383 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

Tgt Ion: 96 Resp: 19333
Ion Ratio Lower Upper
96 100
61 128.7 87.4 162.2
98 64.6 42.3 78.5

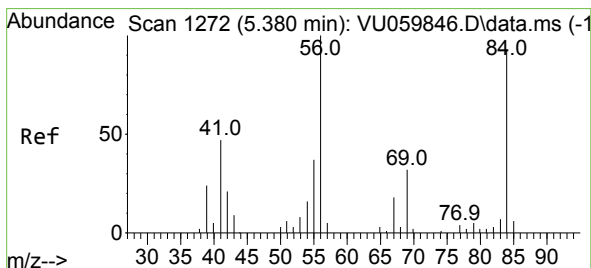
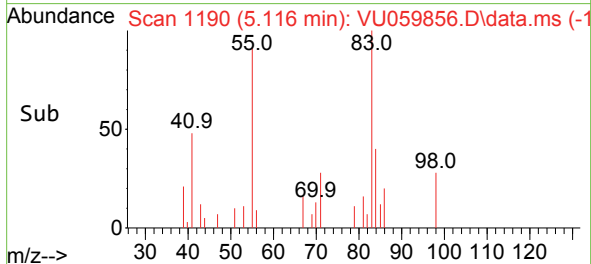
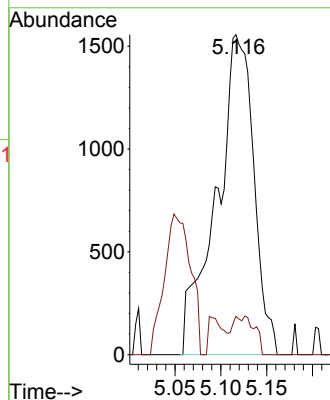
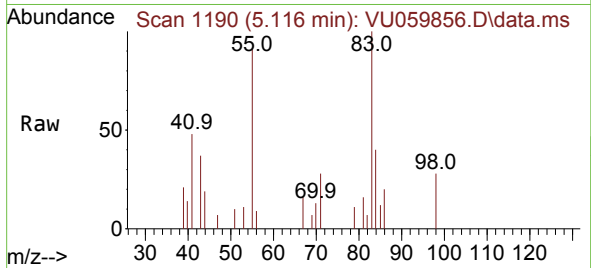




#25
Chloroform
Concen: 0.179 ug/L
RT: 5.116 min Scan# 1179
Delta R.T. 0.036 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

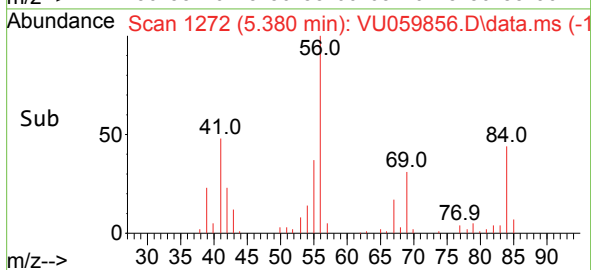
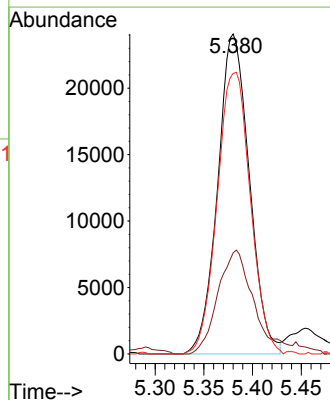
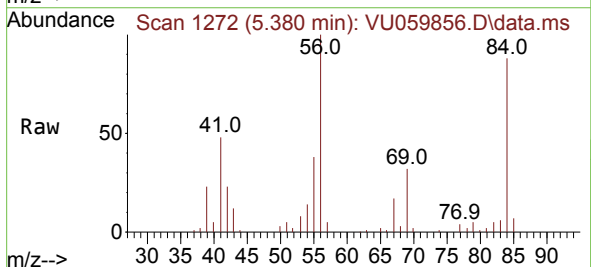
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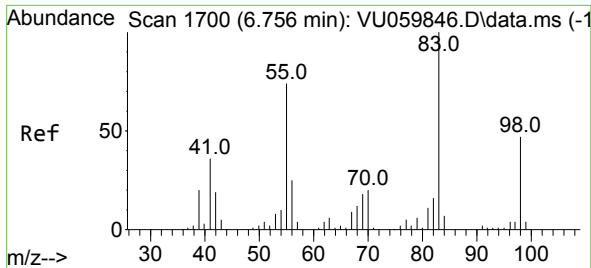
Tgt Ion: 83 Resp: 4421
Ion Ratio Lower Upper
83 100
85 12.0 44.7 83.1#



#30
Cyclohexane
Concen: 3.183 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

Tgt Ion: 56 Resp: 54429
Ion Ratio Lower Upper
56 100
69 36.8 24.8 37.2
84 92.1 69.8 104.8

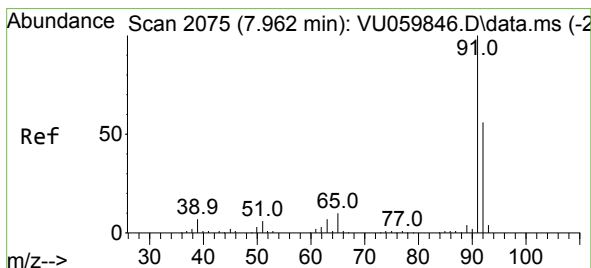
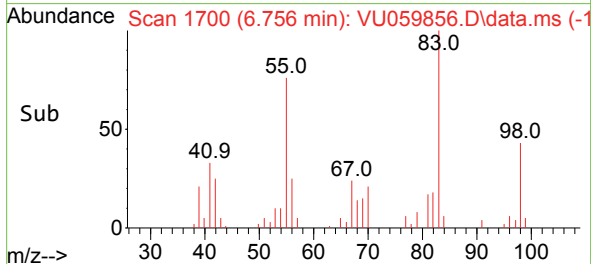
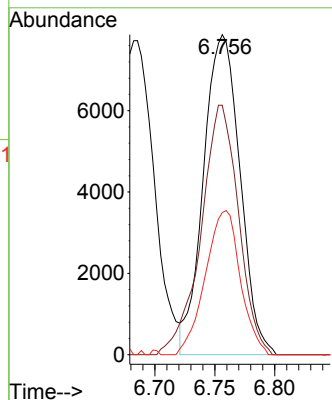
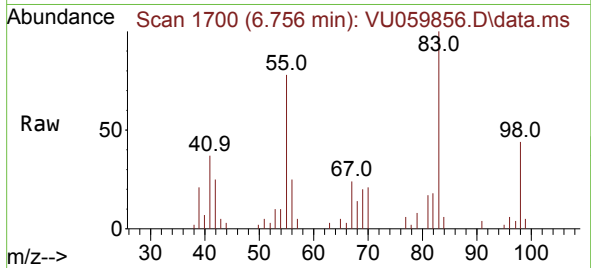




#35
Methylcyclohexane
Concen: 0.849 ug/L
RT: 6.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

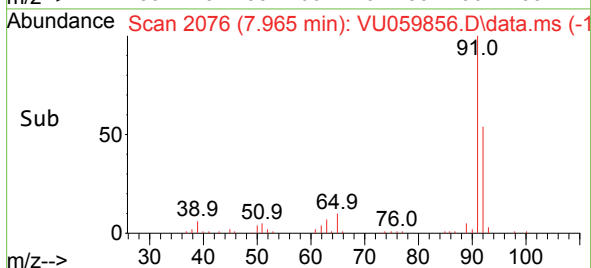
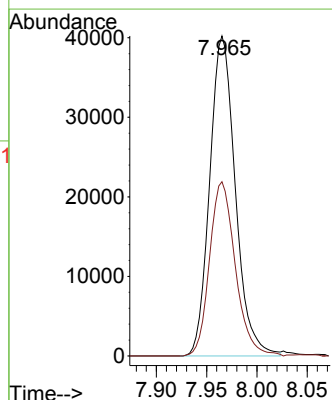
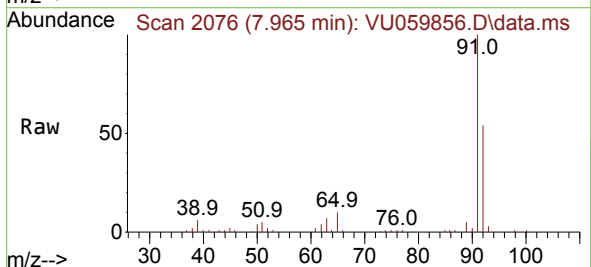
Instrument :
MSVOA_U
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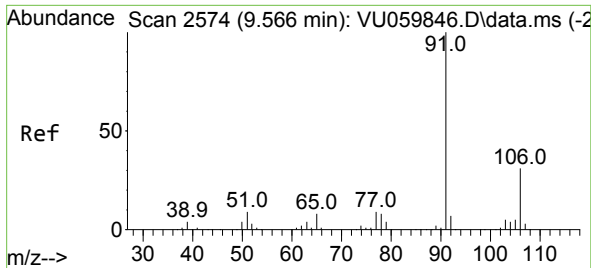
Tgt Ion	83	Resp	16664
Ion Ratio	Lower	Upper	
83	100		
55	80.0	62.7	94.1
98	43.1	35.4	53.0



#42
Toluene
Concen: 1.324 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

Tgt Ion	91	Resp	71393
Ion Ratio	Lower	Upper	
91	100		
92	54.5	39.7	73.7

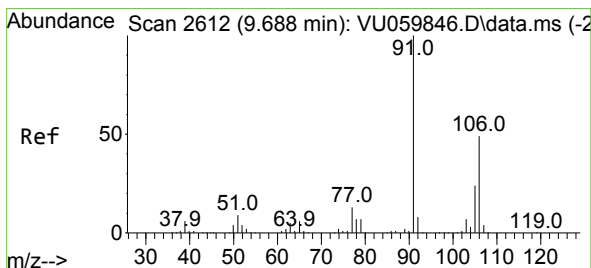
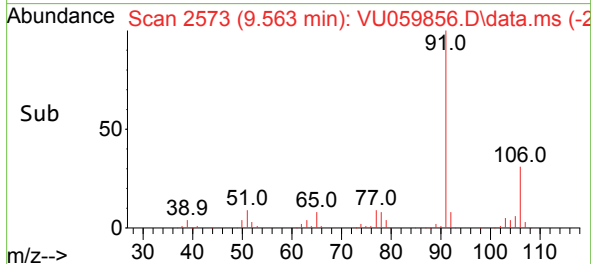
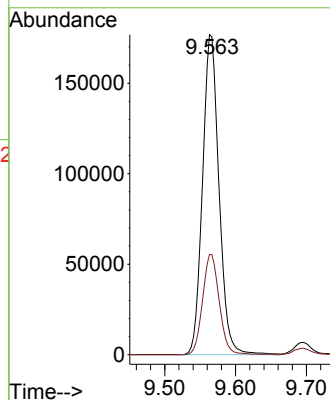
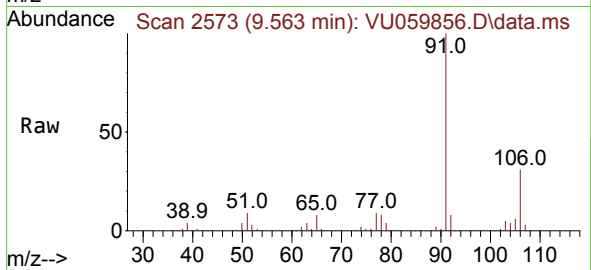




#52
Ethylbenzene
Concen: 5.161 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

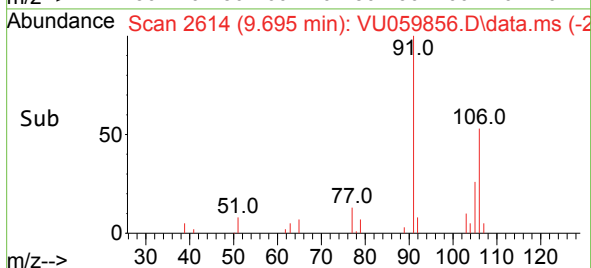
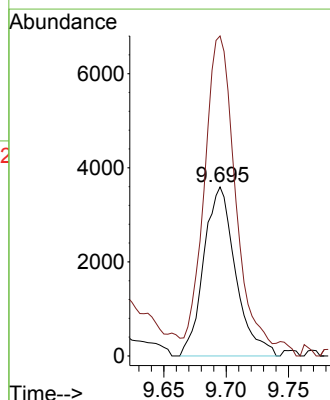
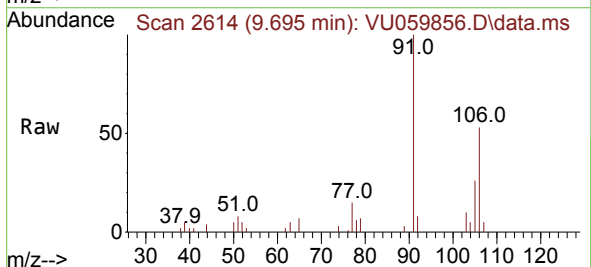
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MSVOA_U
ClientSampleId :

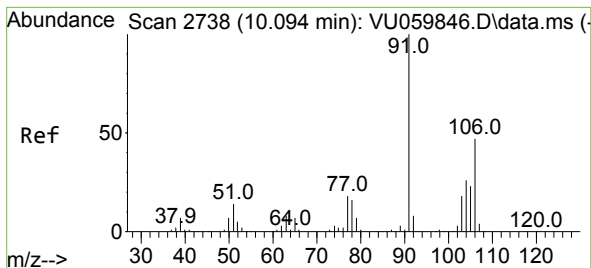
Tgt Ion: 91 Resp: 285493
Ion Ratio Lower Upper
91 100
106 31.3 20.9 38.7



#53
m,p-Xylene
Concen: 0.300 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.007 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

Tgt Ion:106 Resp: 6380
Ion Ratio Lower Upper
106 100
91 189.5 142.0 263.8





#54

o-Xylene

Concen: 0.541 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059856.D

Acq: 05 Jul 2024 12:58

Instrument :

MSVOA_U

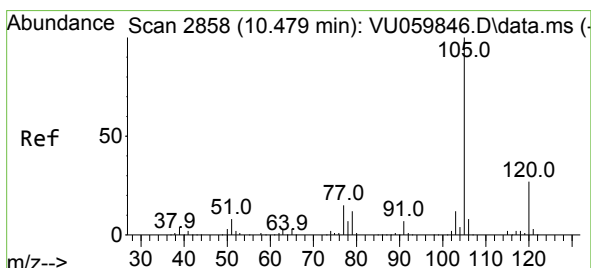
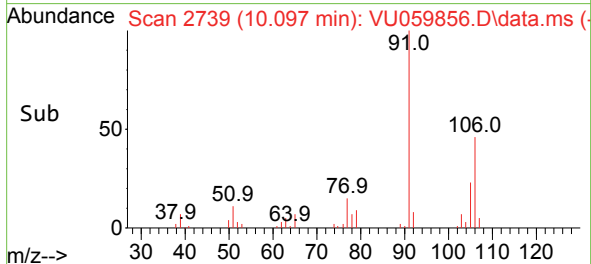
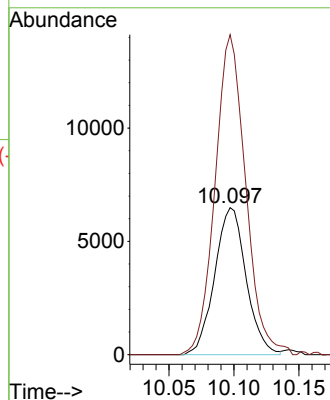
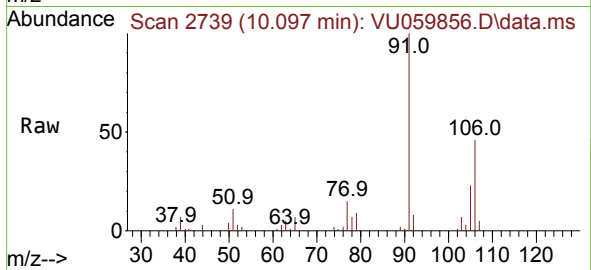
ClientSampleId :

Tgt Ion:106 Resp: 10914

Ion Ratio Lower Upper

106 100

91 217.6 151.6 281.6



#60

Isopropylbenzene

Concen: 0.215 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059856.D

Acq: 05 Jul 2024 12:58

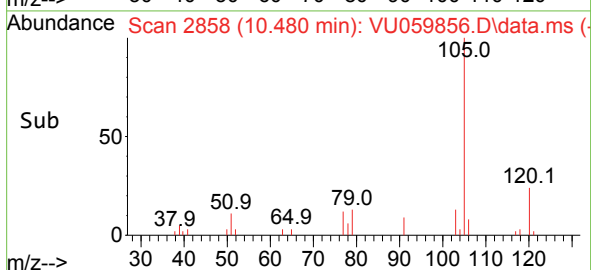
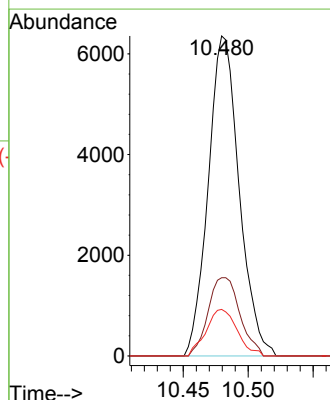
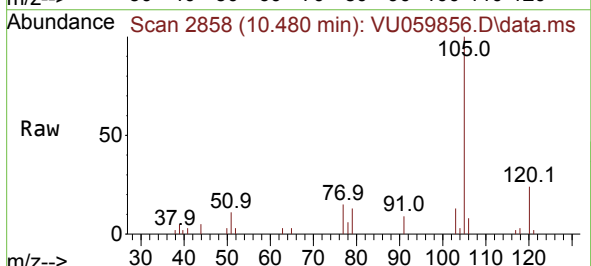
Tgt Ion:105 Resp: 10509

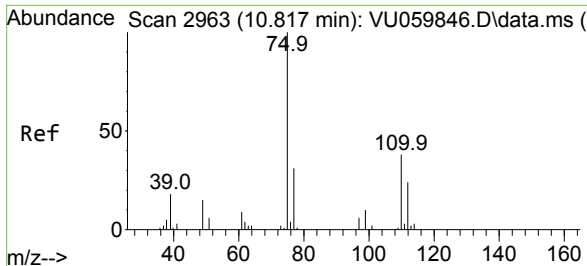
Ion Ratio Lower Upper

105 100

120 25.1 20.6 31.0

77 14.6 12.8 19.2

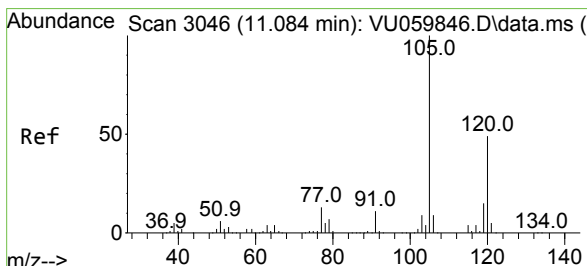
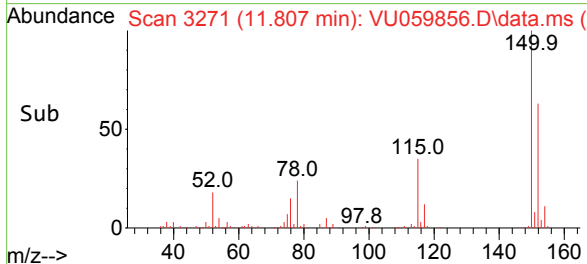
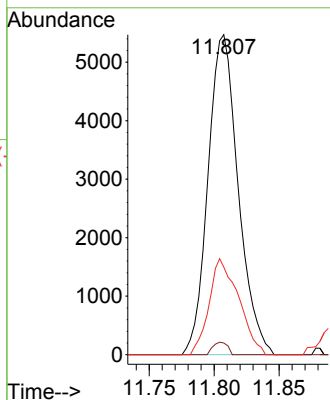
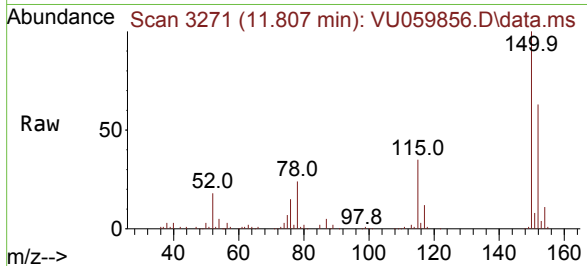




#61
1,2,3-Trichloropropane
Concen: 1.208 ug/L
RT: 11.807 min Scan# 311
Delta R.T. 0.990 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

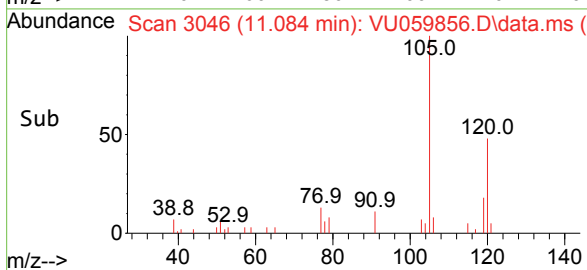
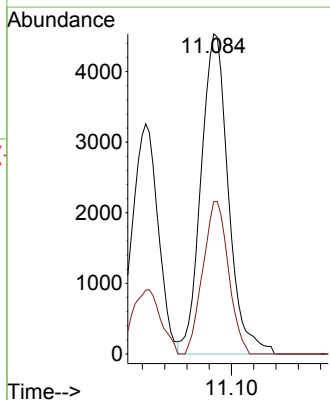
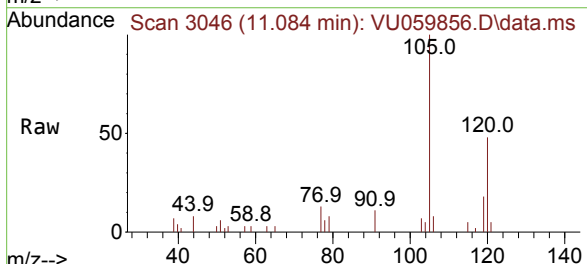
Instrument :
MSVOA_U
ClientSampleId :

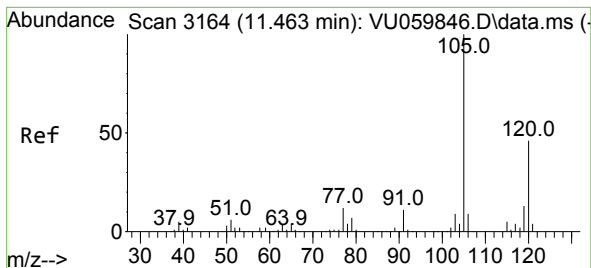
Tgt Ion: 75 Resp: 8846
Ion Ratio Lower Upper
75 100
110 1.9 27.1 40.7#
77 29.4 25.4 38.2



#62
1,3,5-Trimethylbenzene
Concen: 0.199 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

Tgt Ion: 105 Resp: 7725
Ion Ratio Lower Upper
105 100
120 44.4 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 0.170 ug/L

RT: 11.467 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU059856.D

Acq: 05 Jul 2024 12:58

Instrument :

MSVOA_U

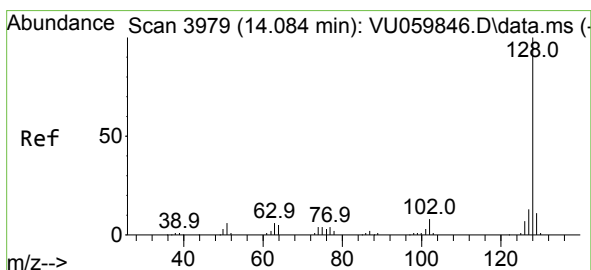
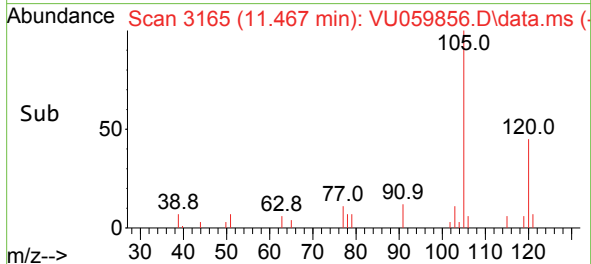
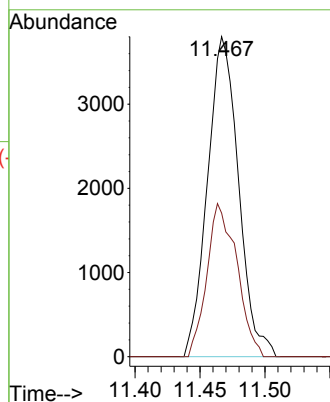
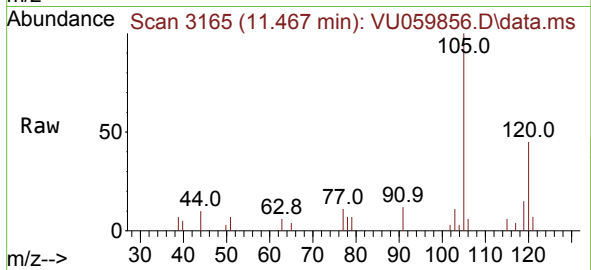
ClientSampleId :

Tgt Ion:105 Resp: 6309

Ion Ratio Lower Upper

105 100

120 46.2 35.4 53.0



#71

Naphthalene

Concen: 1.087 ug/L

RT: 14.087 min Scan# 3980

Delta R.T. 0.003 min

Lab File: VU059856.D

Acq: 05 Jul 2024 12:58

Tgt Ion:128 Resp: 22002

Ion Ratio Lower Upper

128 100

129 11.2 8.2 12.4

127 12.5 10.2 15.4

