

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059855.D
 Acq On : 05 Jul 2024 12:35
 Operator : MD/SY
 Sample : P3136-15DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 03:03:18 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	6.245	114	169079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49221	4.187	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.904	69	44537	3.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	19740	4.047	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.615	46	130219	53.770	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.540%
24) Chloroform-d	5.055	84	100605	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.695	65	53000	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.721	84	212481	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	65849	4.770	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	186153	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.177	79	23573	5.453	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.000%
46) 2-Hexanone-d5	8.627	63	106776	59.445	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	58934	5.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	74633	5.296	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.959	43	1858	0.448	ug/L #	51
16) Methylene chloride	3.036	84	5432	0.382	ug/L	83
27) 1,2-Dichloroethane	5.769	62	2933	0.200	ug/L	99
30) Cyclohexane	5.380	56	78535	4.706	ug/L	94
33) Benzene	5.766	78	380040	7.645	ug/L	100
35) Methylcyclohexane	6.756	83	54894	2.866	ug/L	100
42) Toluene	7.965	91	35990	0.684	ug/L	99
45) 1,1,2-Trichloroethane	8.364	97	2659	0.280	ug/L #	14
52) Ethylbenzene	9.566	91	112405	2.082	ug/L	96
53) m,p-Xylene	9.688	106	96558	4.657	ug/L	97
54) o-Xylene	10.094	106	6192	0.315	ug/L	91
60) Isopropylbenzene	10.479	105	23423	0.479	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	23032	0.594	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	33014	0.891	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.975	75	175	0.123	ug/L #	6
71) Naphthalene	14.090	128	13636	0.674	ug/L #	92

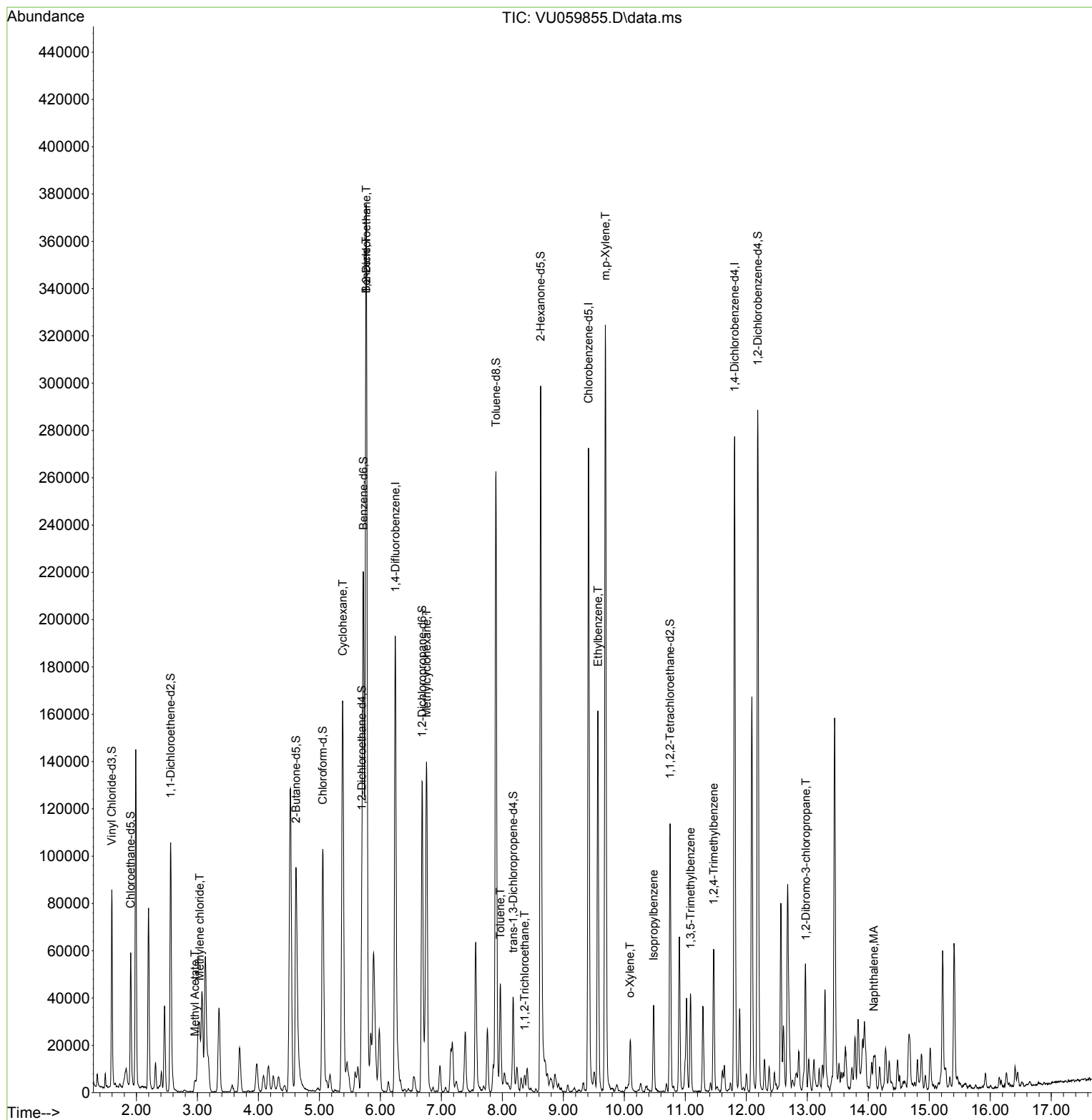
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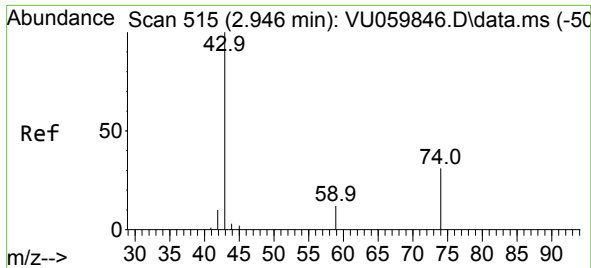
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
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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

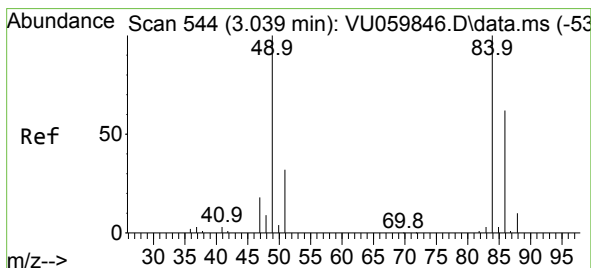
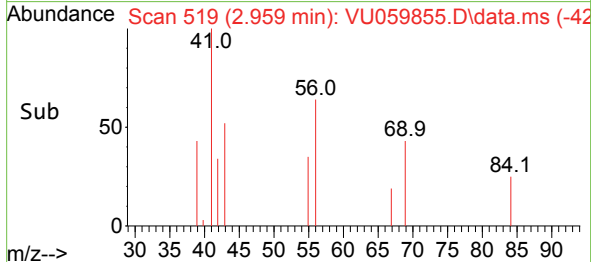
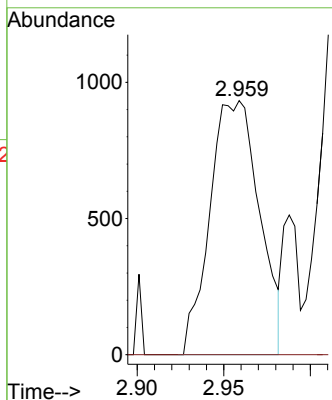
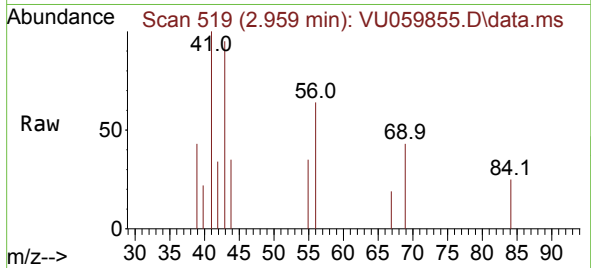




#15
Methyl Acetate
Concen: 0.448 ug/L
RT: 2.959 min Scan# 515
Delta R.T. 0.013 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

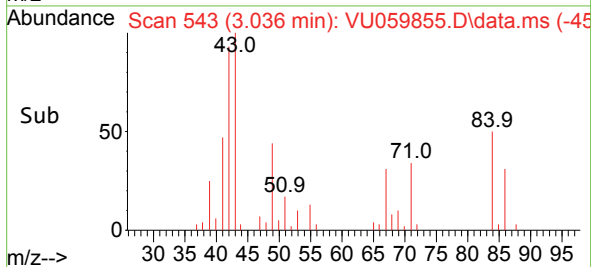
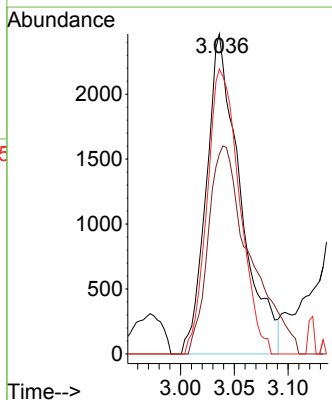
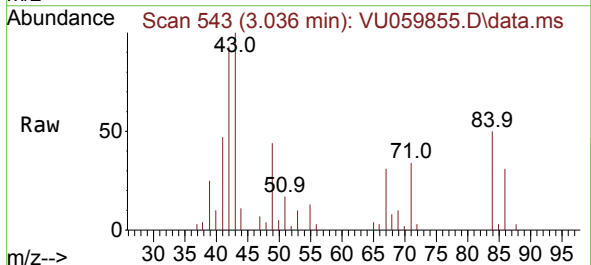
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MSVOA_U
ClientSampleId :

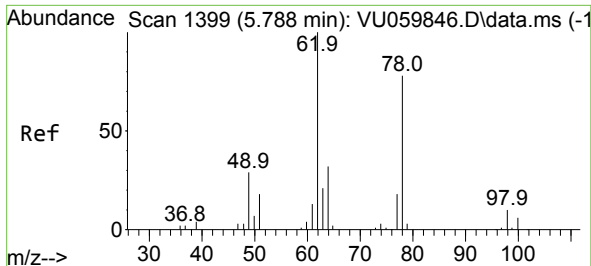
Tgt Ion: 43 Resp: 1858
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#16
Methylene chloride
Concen: 0.382 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 84 Resp: 5432
Ion Ratio Lower Upper
84 100
86 62.4 42.1 78.1
49 89.0 80.6 149.8

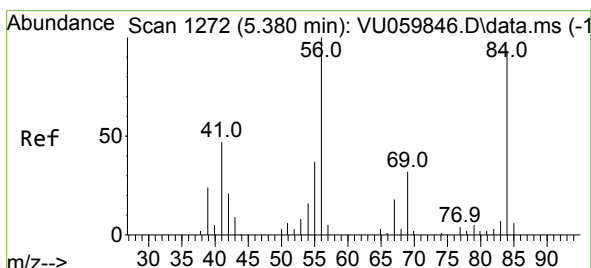
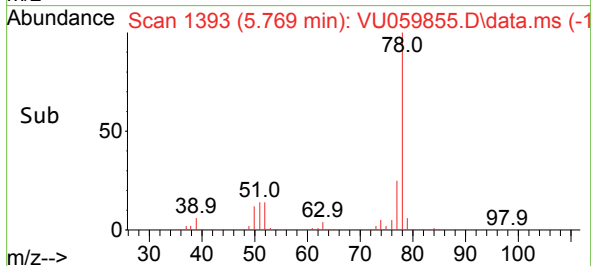
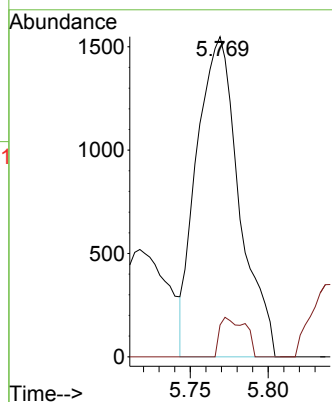
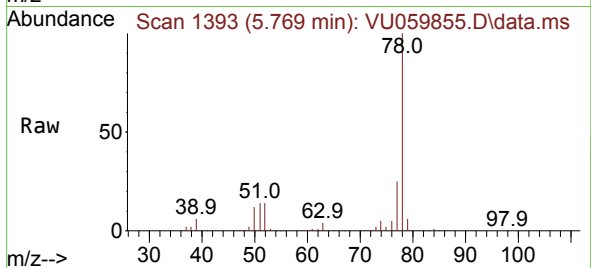




#27
1,2-Dichloroethane
Concen: 0.200 ug/L
RT: 5.769 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

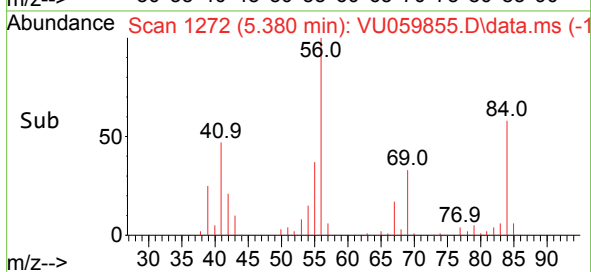
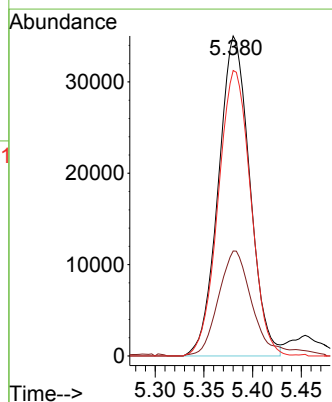
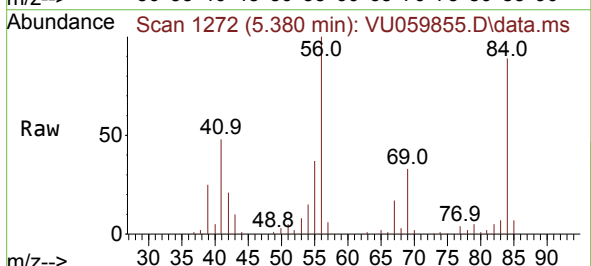
Instrument :
MSVOA_U
ClientSampleId :

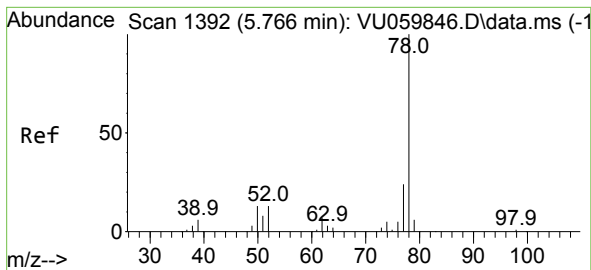
Tgt Ion: 62 Resp: 2933
Ion Ratio Lower Upper
62 100
98 9.9 7.5 11.3



#30
Cyclohexane
Concen: 4.706 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 56 Resp: 78535
Ion Ratio Lower Upper
56 100
69 36.3 24.8 37.2
84 92.2 69.8 104.8





#33

Benzene

Concen: 7.645 ug/L

RT: 5.766 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059855.D

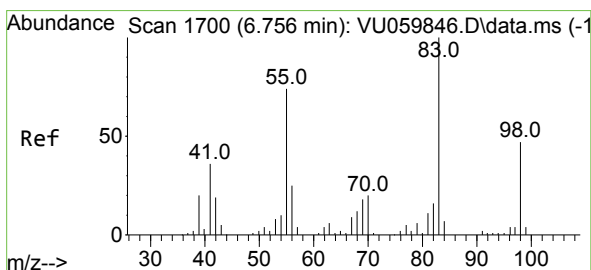
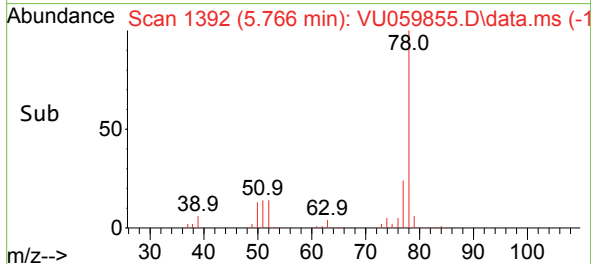
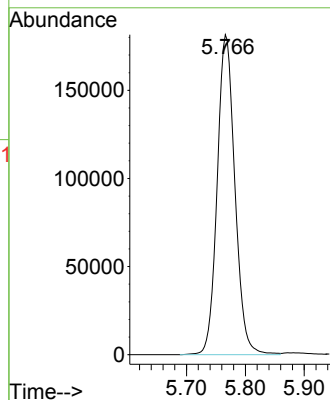
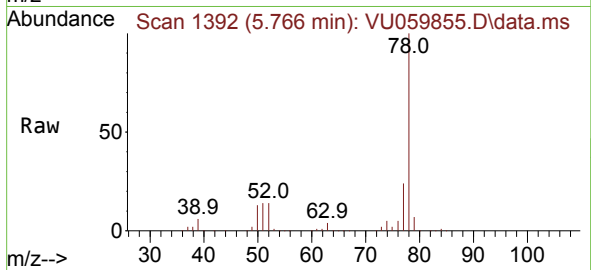
Acq: 05 Jul 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 380040



#35

Methylcyclohexane

Concen: 2.866 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059855.D

Acq: 05 Jul 2024 12:35

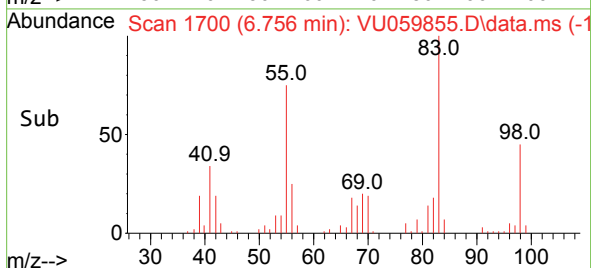
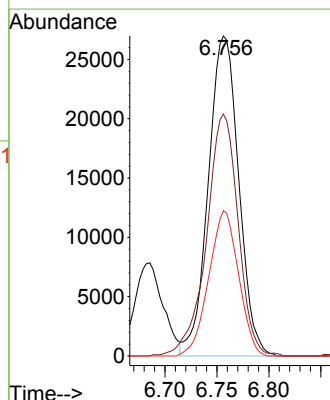
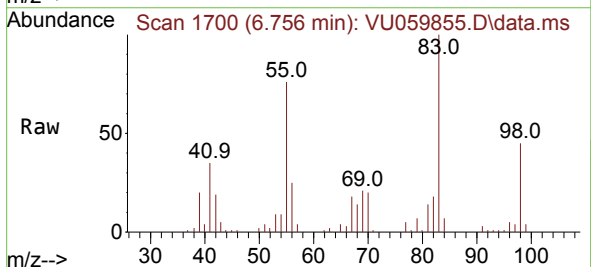
Tgt Ion: 83 Resp: 54894

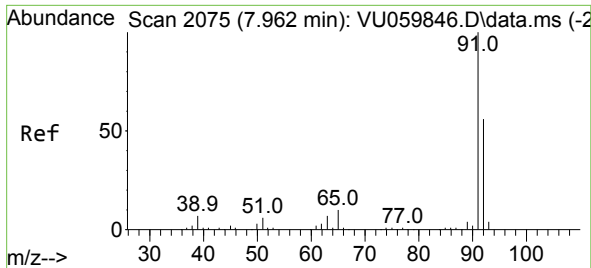
Ion Ratio Lower Upper

83 100

55 78.6 62.7 94.1

98 44.4 35.4 53.0





#42

Toluene

Concen: 0.684 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059855.D

Acq: 05 Jul 2024 12:35

Instrument :

MSVOA_U

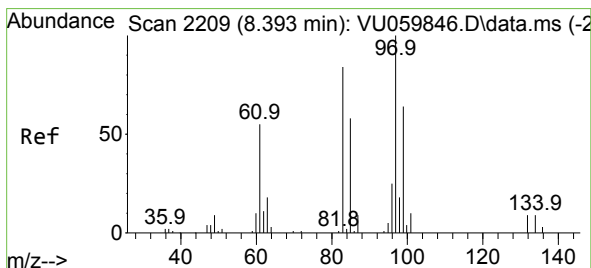
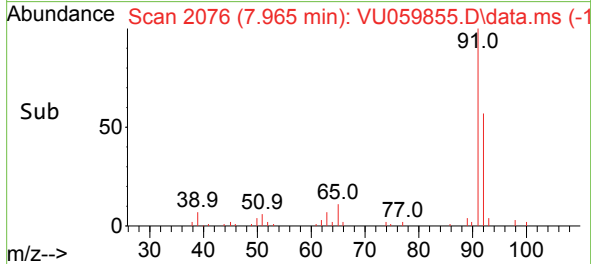
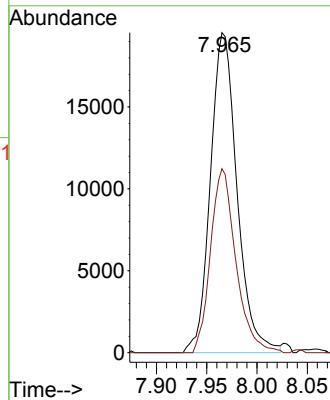
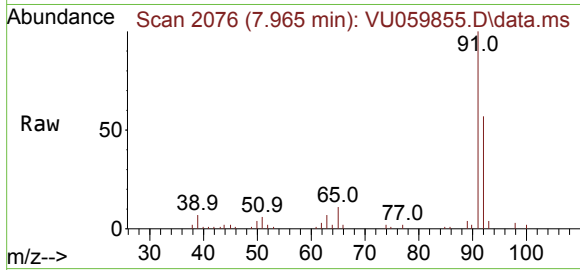
ClientSampleId :

Tgt Ion: 91 Resp: 35990

Ion Ratio Lower Upper

91 100

92 57.5 39.7 73.7



#45

1,1,2-Trichloroethane

Concen: 0.280 ug/L

RT: 8.364 min Scan# 2200

Delta R.T. -0.029 min

Lab File: VU059855.D

Acq: 05 Jul 2024 12:35

Tgt Ion: 97 Resp: 2659

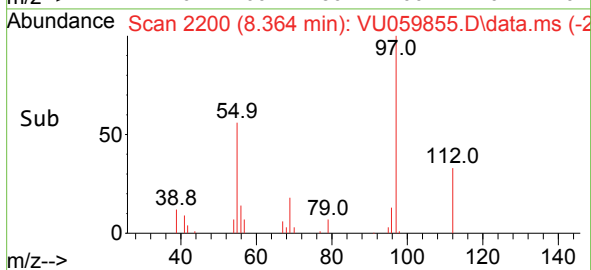
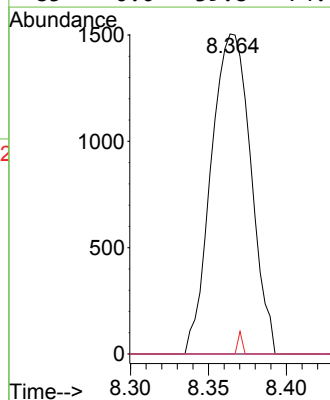
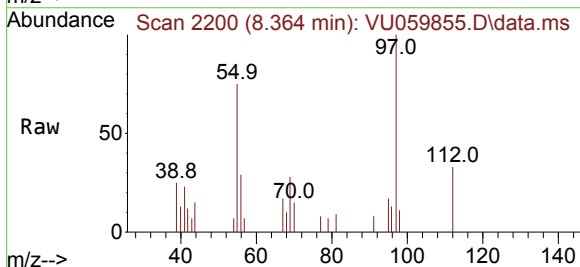
Ion Ratio Lower Upper

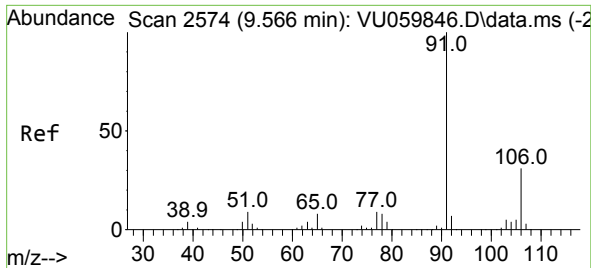
97 100

99 0.0 43.3 80.3#

83 0.0 62.3 115.7#

85 0.0 39.8 74.0#

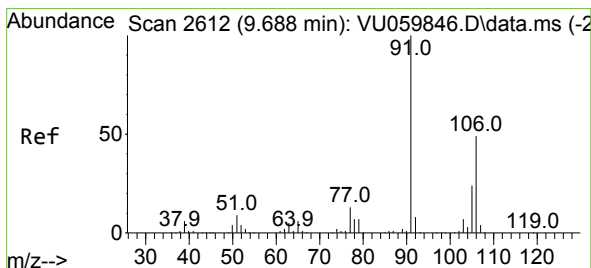
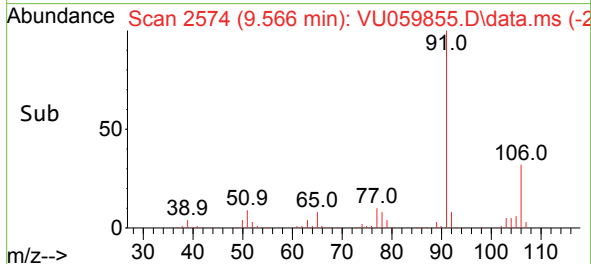
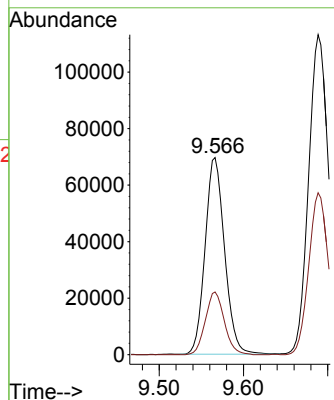
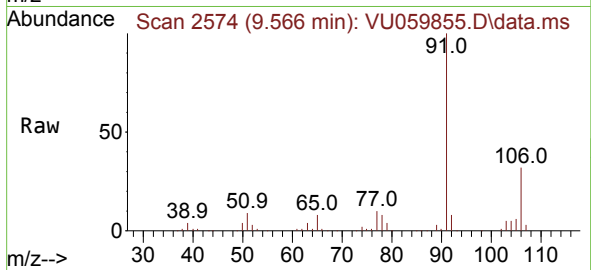




#52
Ethylbenzene
Concen: 2.082 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

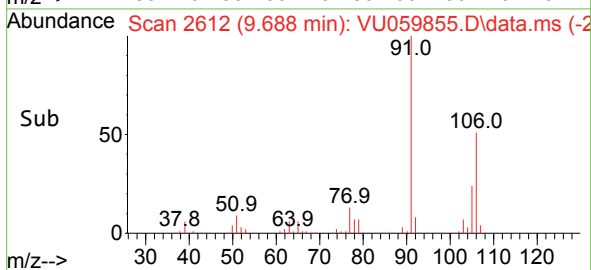
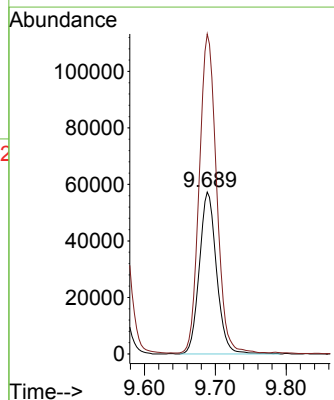
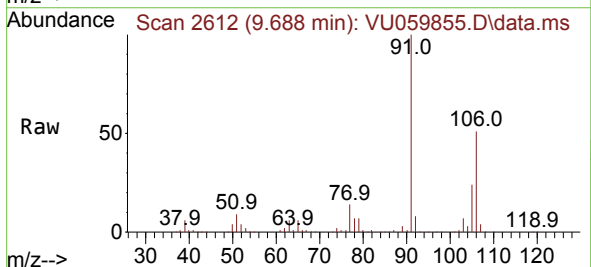
Instrument :
MSVOA_U
ClientSampleId :

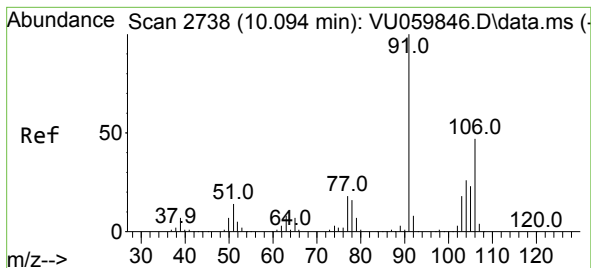
Tgt Ion: 91 Resp: 112405
Ion Ratio Lower Upper
91 100
106 31.9 20.9 38.7



#53
m,p-Xylene
Concen: 4.657 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 106 Resp: 96558
Ion Ratio Lower Upper
106 100
91 197.7 142.0 263.8





#54

o-Xylene

Concen: 0.315 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059855.D

Acq: 05 Jul 2024 12:35

Instrument :

MSVOA_U

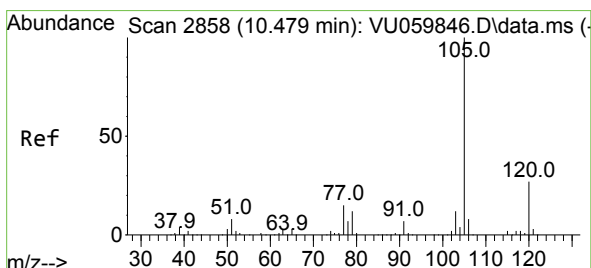
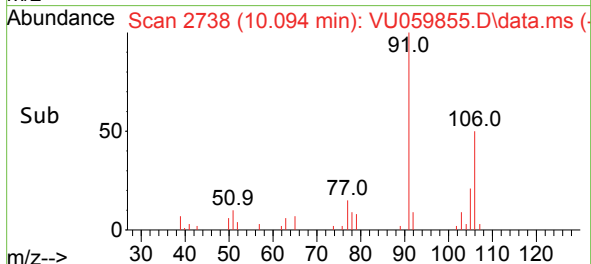
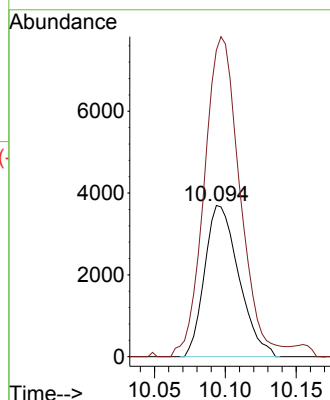
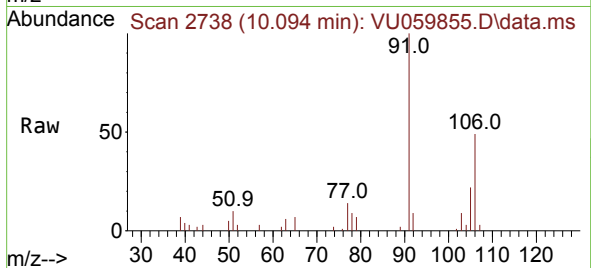
ClientSampleId :

Tgt Ion:106 Resp: 6192

Ion Ratio Lower Upper

106 100

91 202.7 151.6 281.6



#60

Isopropylbenzene

Concen: 0.479 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059855.D

Acq: 05 Jul 2024 12:35

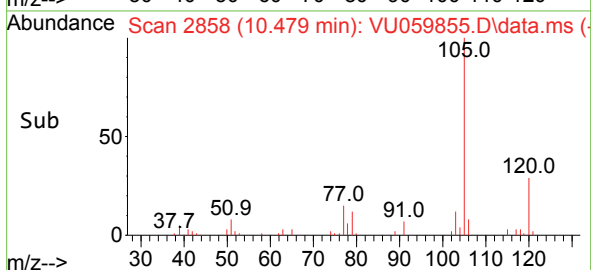
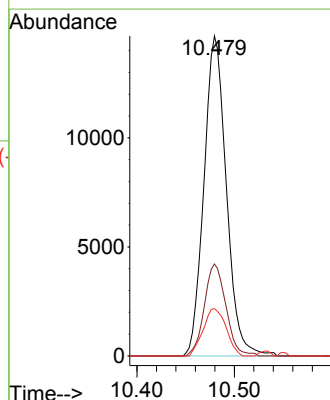
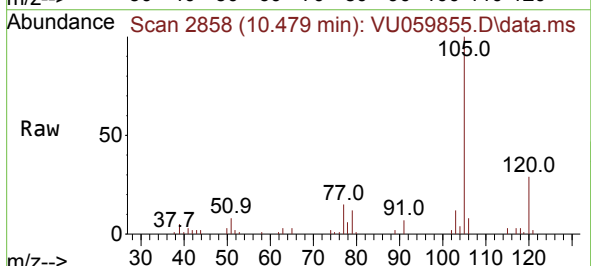
Tgt Ion:105 Resp: 23423

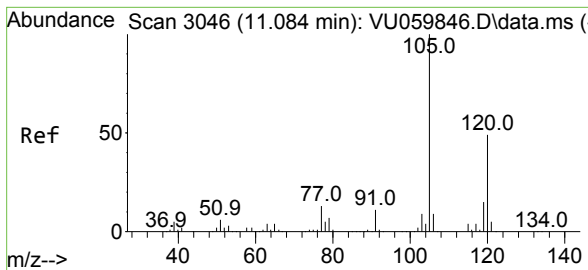
Ion Ratio Lower Upper

105 100

120 27.6 20.6 31.0

77 15.2 12.8 19.2

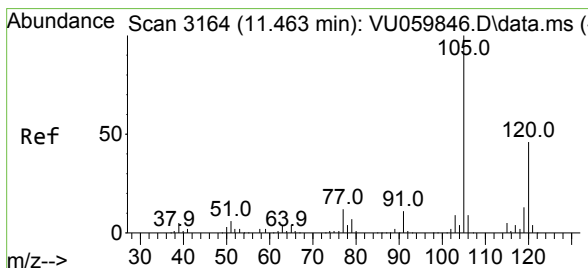
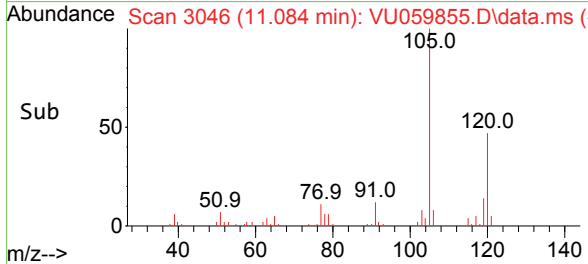
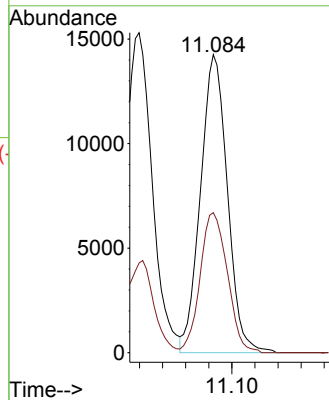
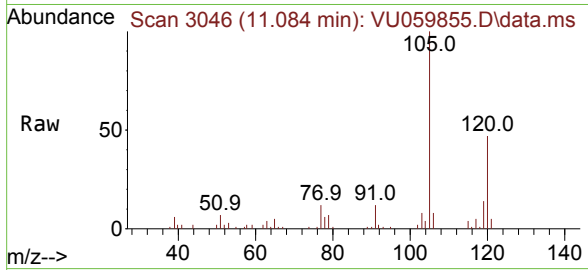




#62
 1,3,5-Trimethylbenzene
 Concen: 0.594 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU059855.D
 Acq: 05 Jul 2024 12:35

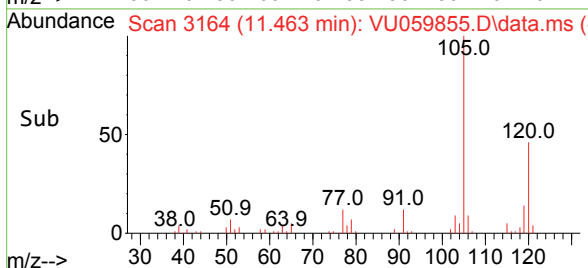
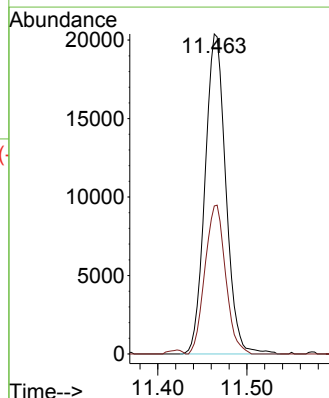
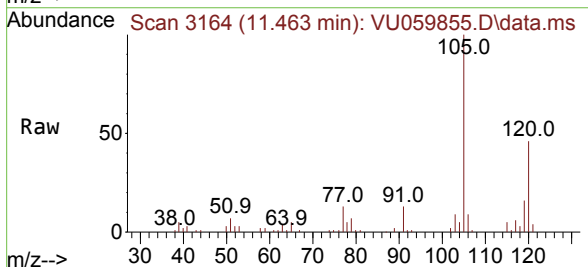
Instrument :
 MSVOA_U
 ClientSampleId :

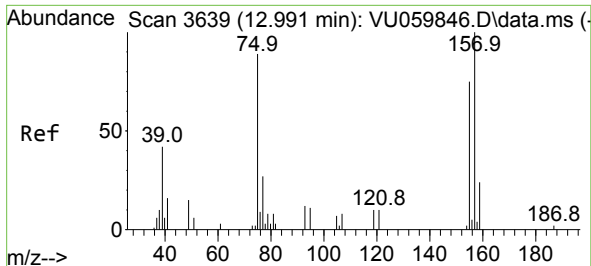
Tgt Ion:105 Resp: 23032
 Ion Ratio Lower Upper
 105 100
 120 47.6 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.891 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU059855.D
 Acq: 05 Jul 2024 12:35

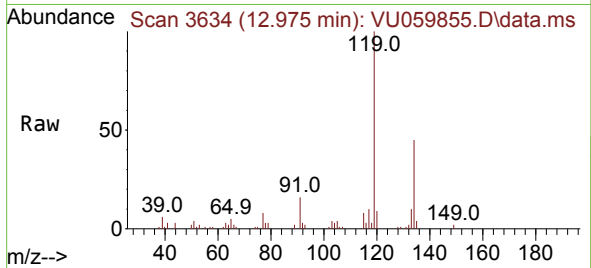
Tgt Ion:105 Resp: 33014
 Ion Ratio Lower Upper
 105 100
 120 46.2 35.4 53.0



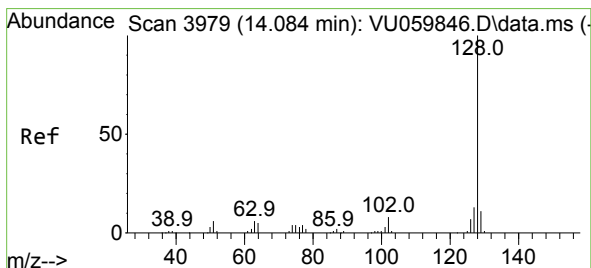
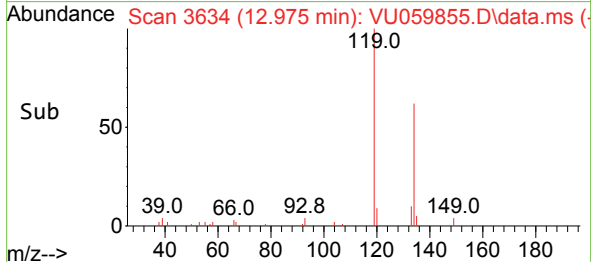
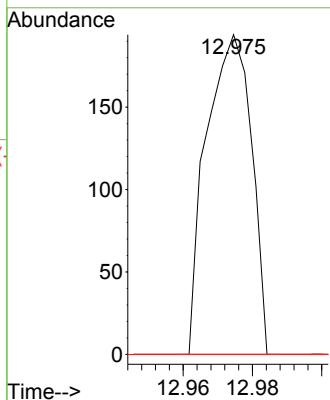


#68
1,2-Dibromo-3-chloropropane
Concen: 0.123 ug/L
RT: 12.975 min Scan# 30
Delta R.T. -0.016 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 175
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.2#
157 0.0 80.0 120.0#



#71
Naphthalene
Concen: 0.674 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.007 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 128 Resp: 13636
Ion Ratio Lower Upper
128 100
129 14.3 8.2 12.4#
127 15.2 10.2 15.4

