

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059754.D
 Acq On : 02 Jul 2024 21:57
 Operator : MD/SY
 Sample : P2979-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 04:08:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	176853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	177000	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	57788	4.699	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.907	69	46715	3.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.560	65	22013	4.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.637	46	86714	34.232	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.460%
24) Chloroform-d	5.055	84	95717	3.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	5.695	65	45827	3.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
32) Benzene-d6	5.721	84	200085	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.682	67	63376	4.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.891	98	178108	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.174	79	21169	4.529	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.627	63	82084	42.265	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	48487	3.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	69382	4.410	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
13) Acetone	2.650	43	9840	5.988	ug/L	71
16) Methylene chloride	3.036	84	2083	0.140	ug/L #	71
17) Methyl tert-butyl Ether	3.354	73	3697	0.137	ug/L #	90
22) cis-1,2-Dichloroethene	4.663	96	3298	0.229	ug/L	95
33) Benzene	5.769	78	29151	0.542	ug/L	100
37) 1,2-Dichloropropane	6.685	63	6502	0.467	ug/L #	92
42) Toluene	7.968	91	6182	0.109	ug/L	97
45) 1,1,2-Trichloroethane	8.270	97	1009	0.098	ug/L #	14
51) Chlorobenzene	9.441	112	55118	1.527	ug/L	95
53) m,p-Xylene	9.692	106	8129	0.363	ug/L	98
54) o-Xylene	10.097	106	6313	0.297	ug/L	90
60) Isopropylbenzene	10.479	105	11637	0.213	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	51702	1.808	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	7801	0.298	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.971	75	300	0.188	ug/L #	6
71) Naphthalene	14.084	128	22497	0.997	ug/L #	91

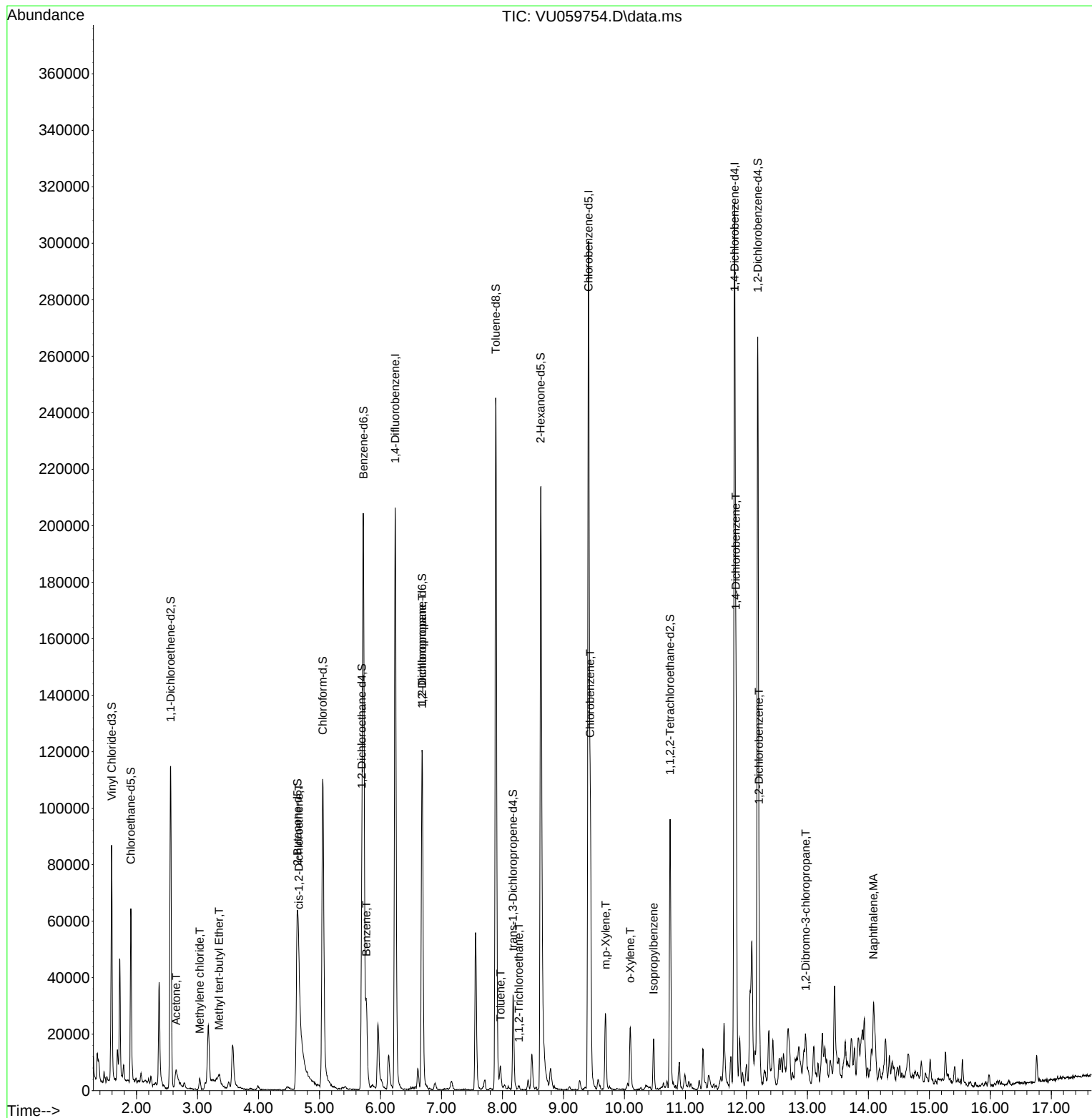
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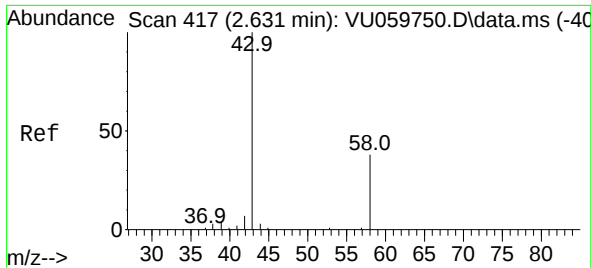
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
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QLast Update : Wed Jul 03 04:07:12 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.988 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU059754.D

Acq: 02 Jul 2024 21:57

Instrument :

MSVOA_U

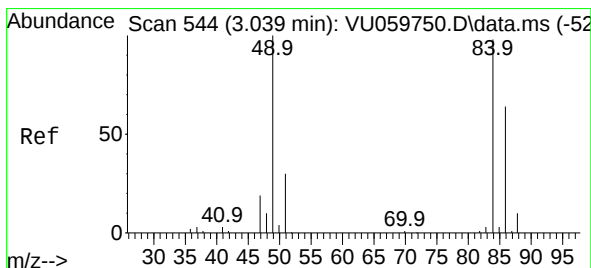
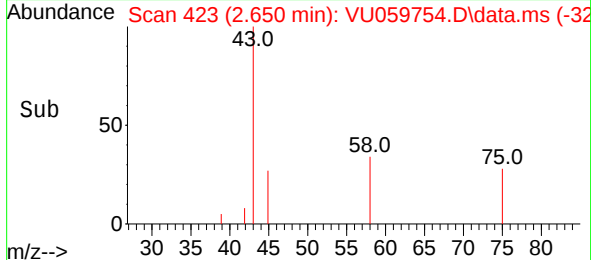
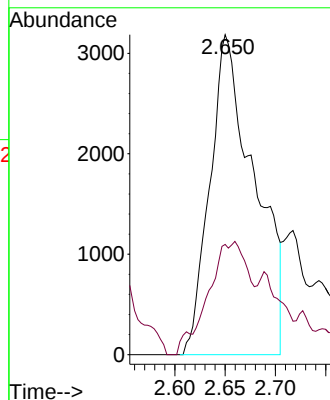
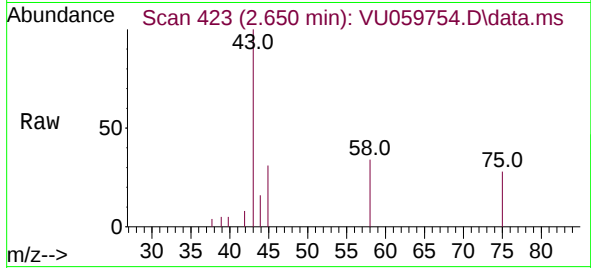
ClientSampleId :

Tgt Ion: 43 Resp: 9840

Ion Ratio Lower Upper

43 100

58 17.3 0.0 68.0



#16

Methylene chloride

Concen: 0.140 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059754.D

Acq: 02 Jul 2024 21:57

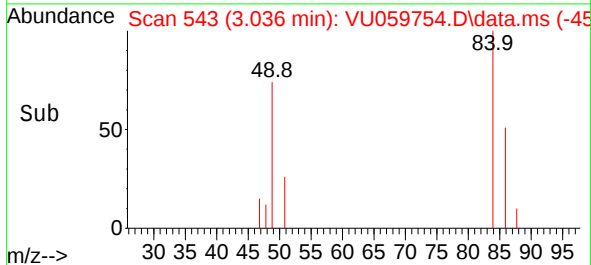
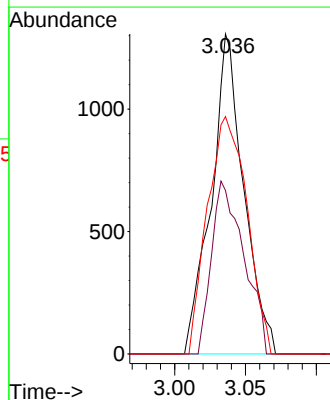
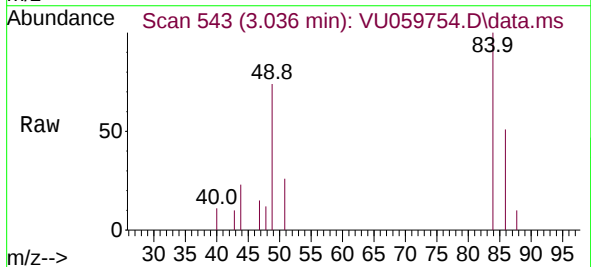
Tgt Ion: 84 Resp: 2083

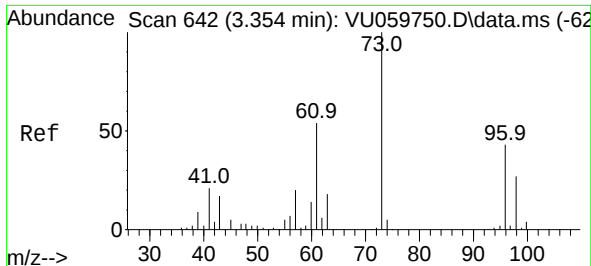
Ion Ratio Lower Upper

84 100

86 51.1 42.1 78.1

49 74.2 80.6 149.8#

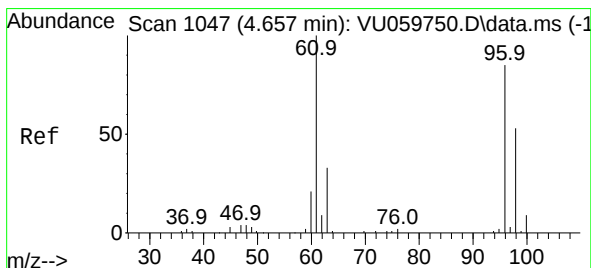
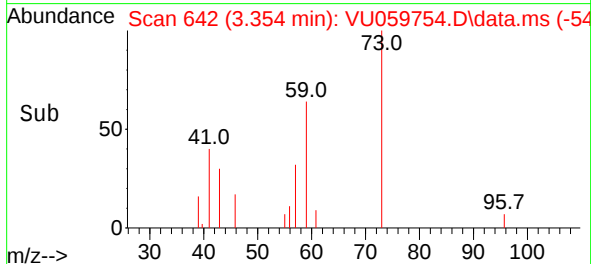
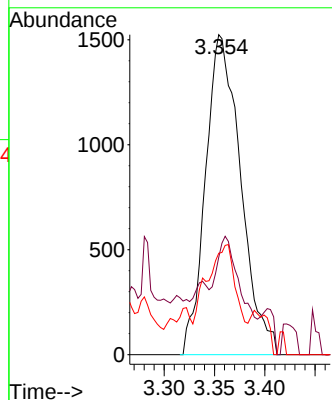
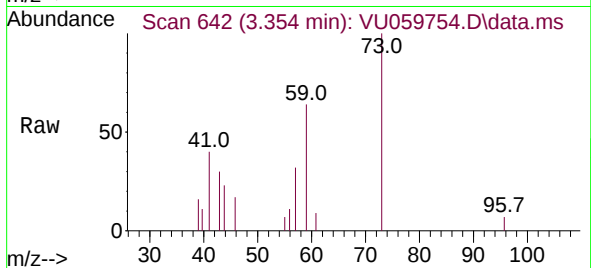




#17
Methyl tert-butyl Ether
Concen: 0.137 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059754.D
Acq: 02 Jul 2024 21:57

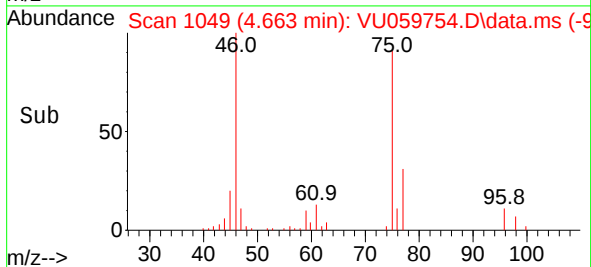
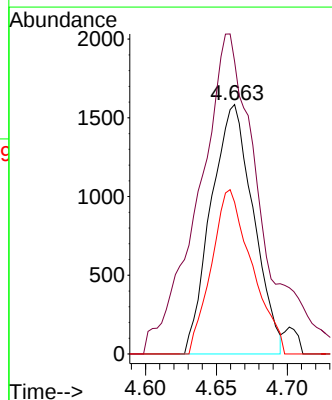
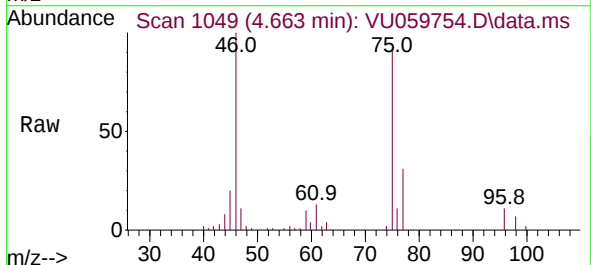
Instrument :
MSVOA_U
ClientSampleId :

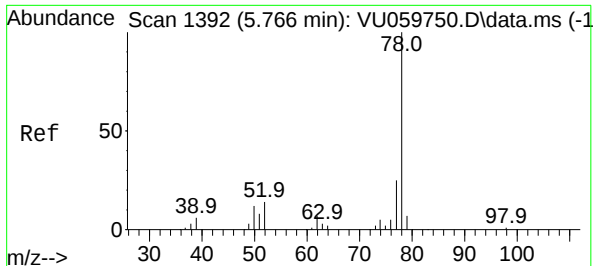
Tgt Ion: 73 Resp: 3697
Ion Ratio Lower Upper
73 100
43 18.0 14.9 22.3
57 31.2 18.0 27.0#



#22
cis-1,2-Dichloroethene
Concen: 0.229 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU059754.D
Acq: 02 Jul 2024 21:57

Tgt Ion: 96 Resp: 3298
Ion Ratio Lower Upper
96 100
61 117.2 87.4 162.2
98 60.8 42.3 78.5





#33

Benzene

Concen: 0.542 ug/L

RT: 5.769 min Scan# 14

Delta R.T. 0.003 min

Lab File: VU059754.D

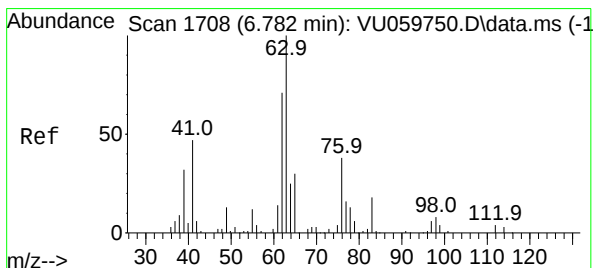
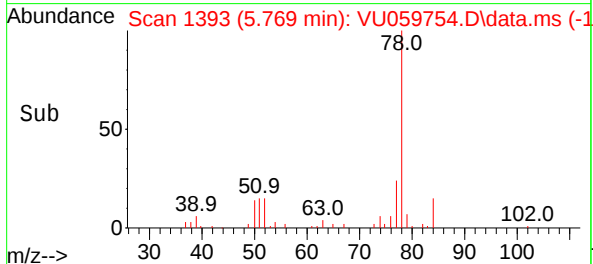
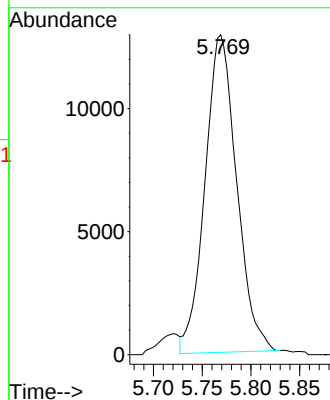
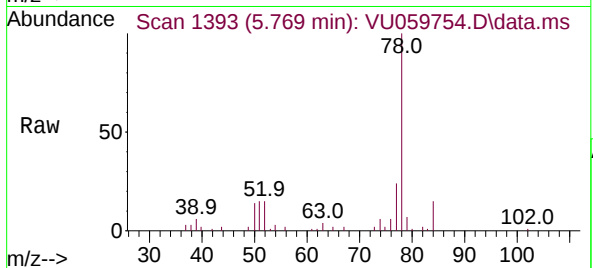
Acq: 02 Jul 2024 21:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 29151



#37

1,2-Dichloropropane

Concen: 0.467 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.097 min

Lab File: VU059754.D

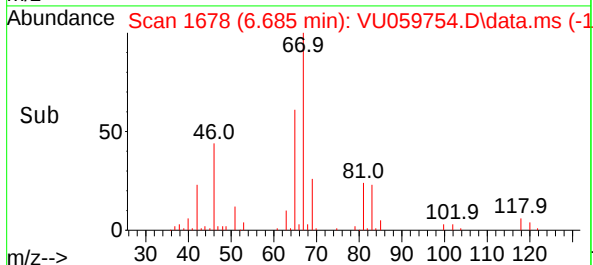
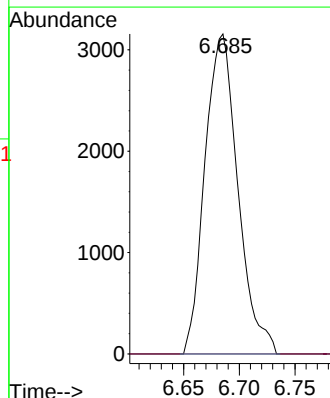
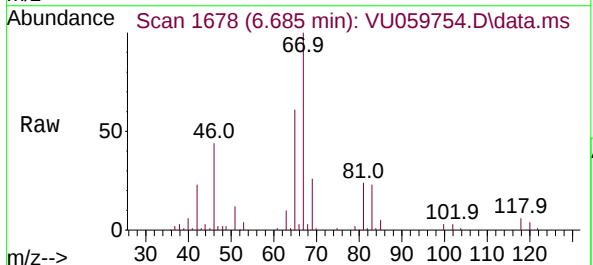
Acq: 02 Jul 2024 21:57

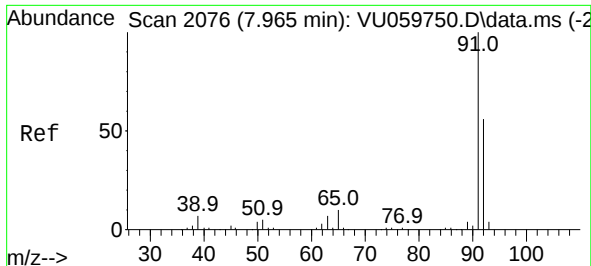
Tgt Ion: 63 Resp: 6502

Ion Ratio Lower Upper

63 100

112 0.6 2.6 3.8#





#42

Toluene

Concen: 0.109 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059754.D

Acq: 02 Jul 2024 21:57

Instrument :

MSVOA_U

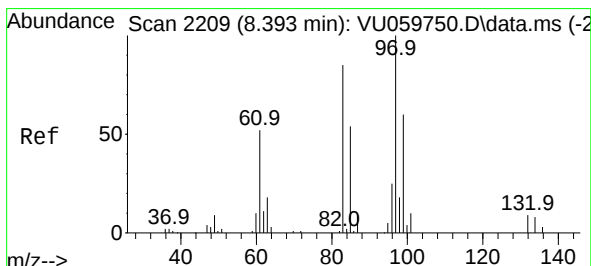
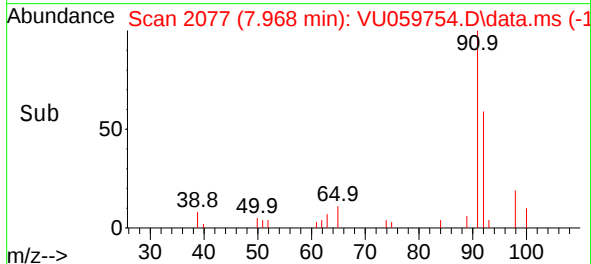
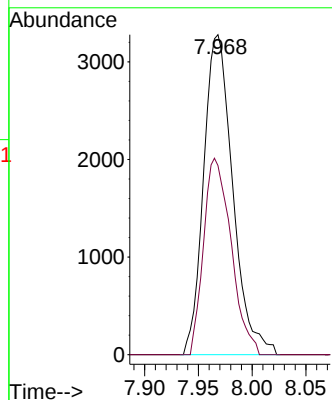
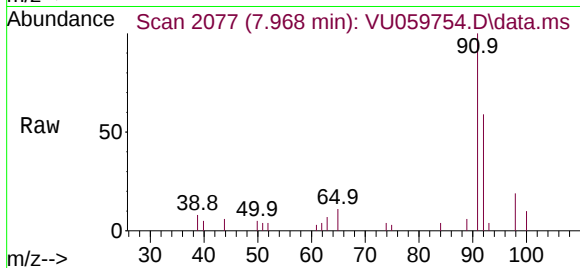
ClientSampleId :

Tgt Ion: 91 Resp: 6182

Ion Ratio Lower Upper

91 100

92 59.1 39.7 73.7



#45

1,1,2-Trichloroethane

Concen: 0.098 ug/L

RT: 8.270 min Scan# 2171

Delta R.T. -0.122 min

Lab File: VU059754.D

Acq: 02 Jul 2024 21:57

Tgt Ion: 97 Resp: 1009

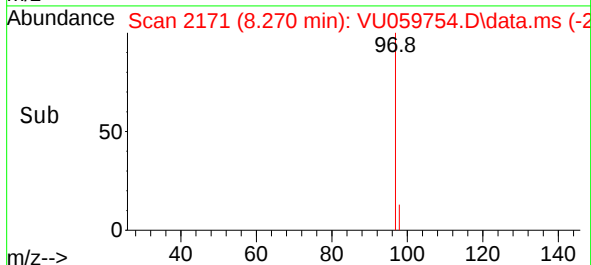
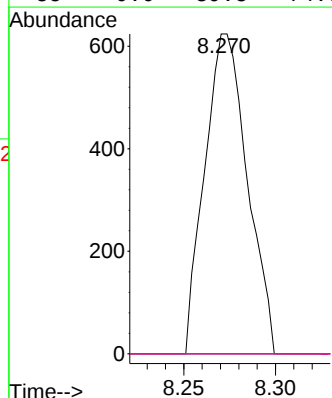
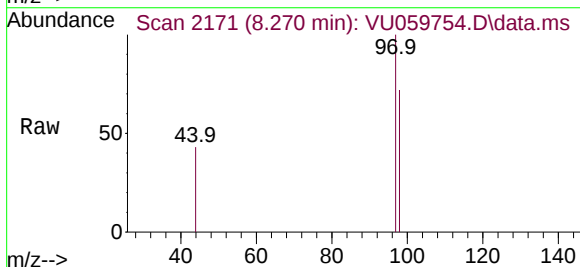
Ion Ratio Lower Upper

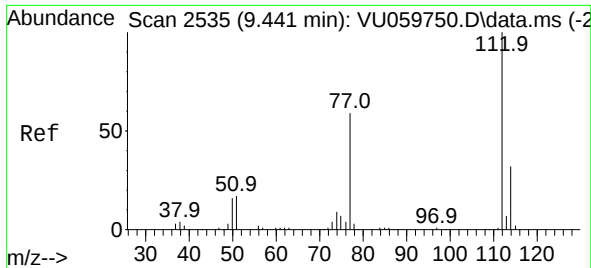
97 100

99 0.0 43.3 80.3#

83 0.0 62.3 115.7#

85 0.0 39.8 74.0#





#51

Chlorobenzene

Concen: 1.527 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU059754.D

Acq: 02 Jul 2024 21:57

Instrument :

MSVOA_U

ClientSampleId :

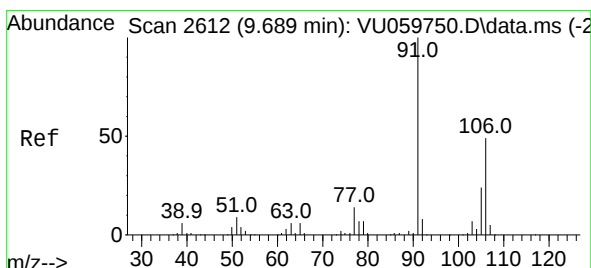
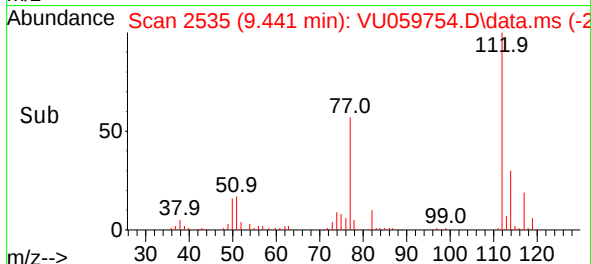
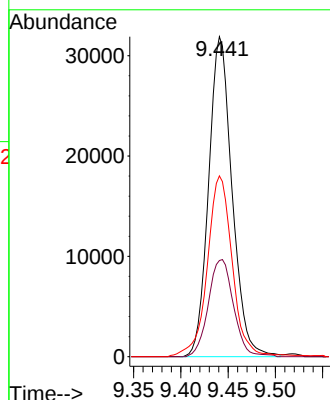
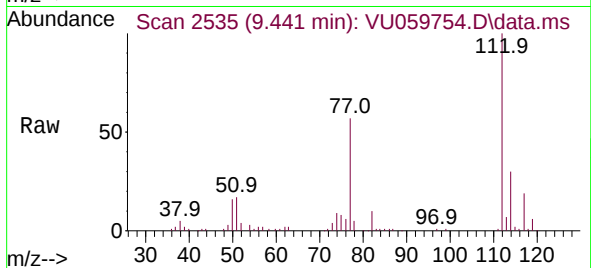
Tgt Ion:112 Resp: 55118

Ion Ratio Lower Upper

112 100

114 30.1 22.4 41.6

77 56.5 49.1 73.7



#53

m,p-Xylene

Concen: 0.363 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU059754.D

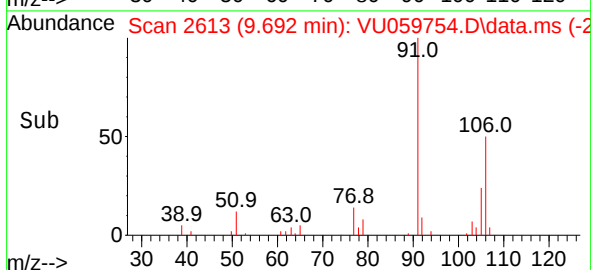
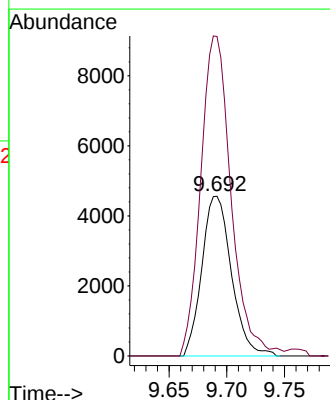
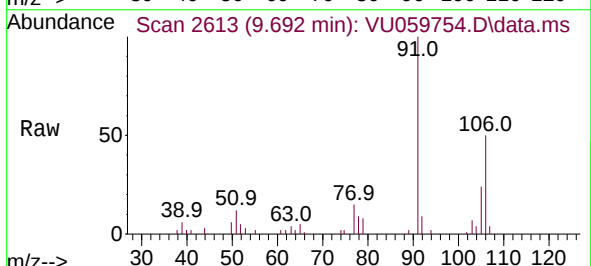
Acq: 02 Jul 2024 21:57

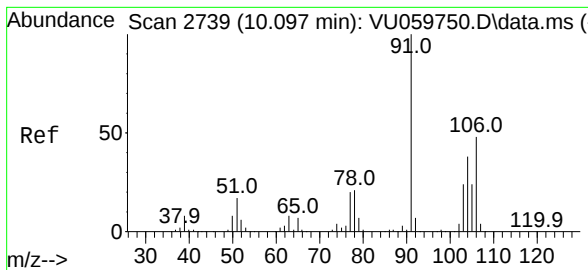
Tgt Ion:106 Resp: 8129

Ion Ratio Lower Upper

106 100

91 200.0 142.0 263.8

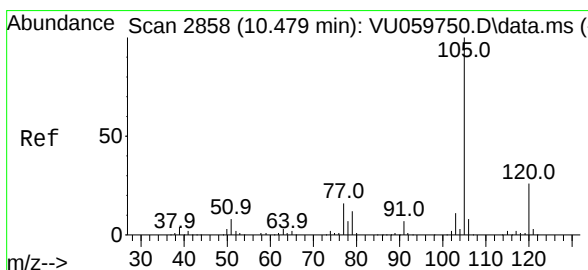
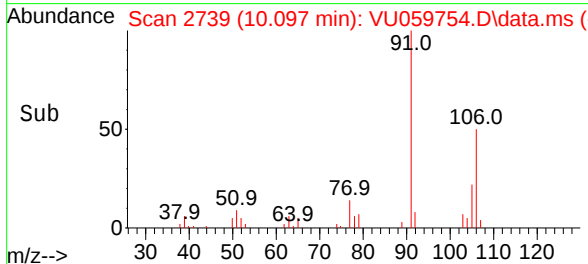
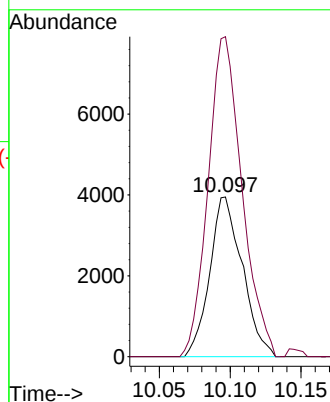
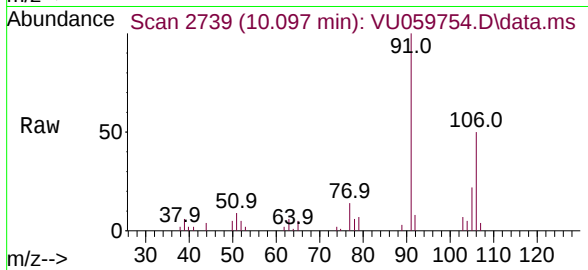




#54
o-Xylene
Concen: 0.297 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059754.D
Acq: 02 Jul 2024 21:57

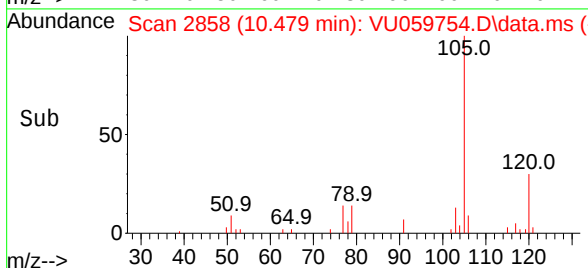
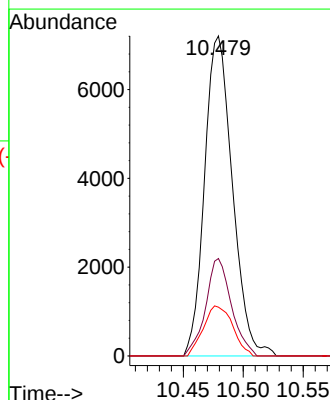
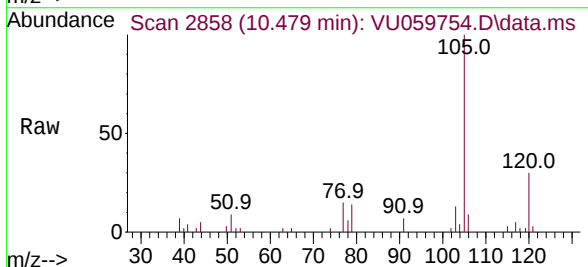
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MSVOA_U
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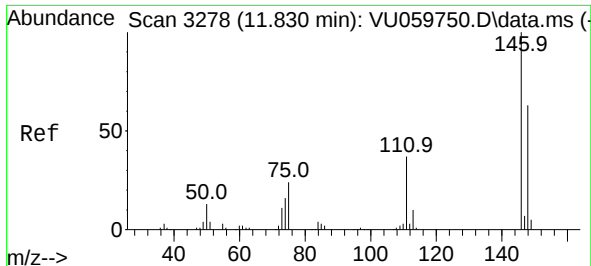
Tgt Ion:106 Resp: 6313
Ion Ratio Lower Upper
106 100
91 200.3 151.6 281.6



#60
Isopropylbenzene
Concen: 0.213 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU059754.D
Acq: 02 Jul 2024 21:57

Tgt Ion:105 Resp: 11637
Ion Ratio Lower Upper
105 100
120 28.2 20.6 31.0
77 16.4 12.8 19.2





#65

1,4-Dichlorobenzene

Concen: 1.808 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU059754.D

Acq: 02 Jul 2024 21:57

Instrument :

MSVOA_U

ClientSampleId :

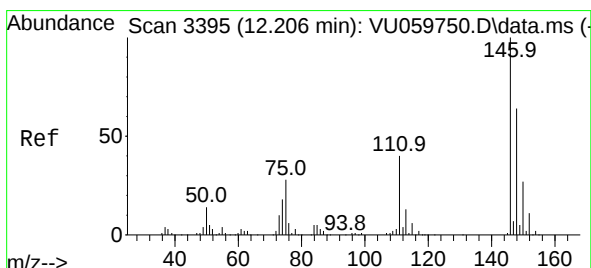
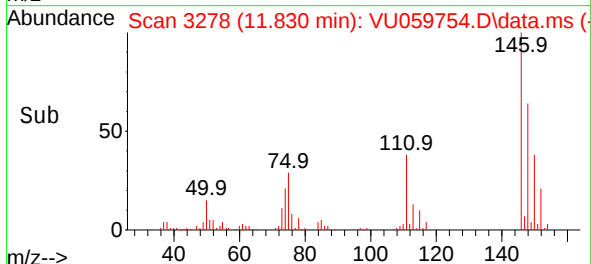
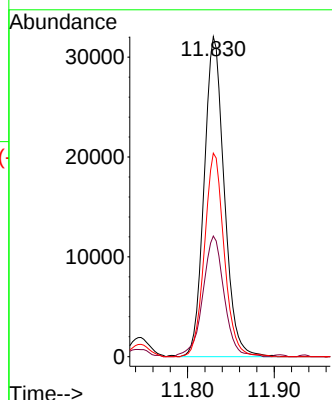
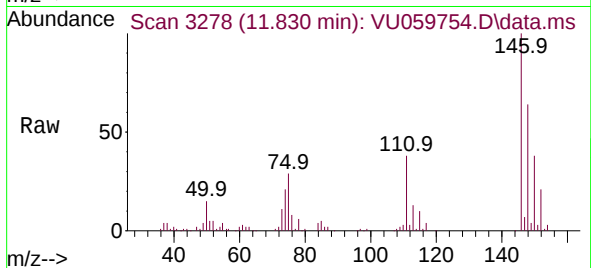
Tgt Ion:146 Resp: 51702

Ion Ratio Lower Upper

146 100

111 37.7 26.9 50.1

148 63.6 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.298 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059754.D

Acq: 02 Jul 2024 21:57

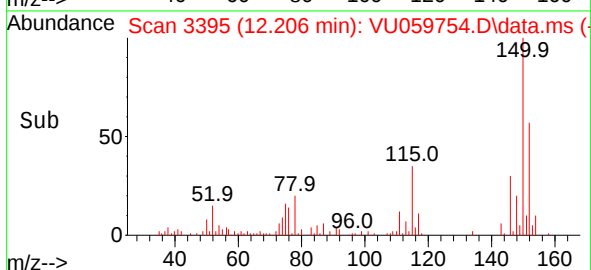
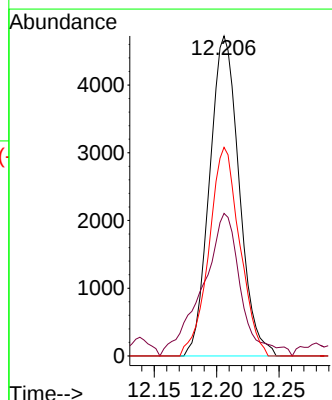
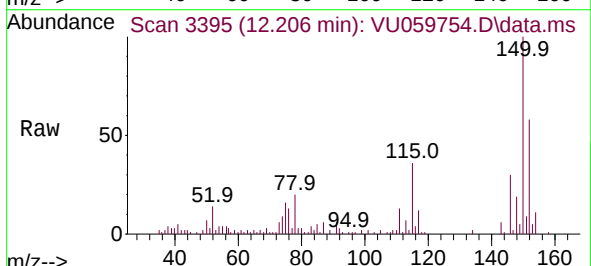
Tgt Ion:146 Resp: 7801

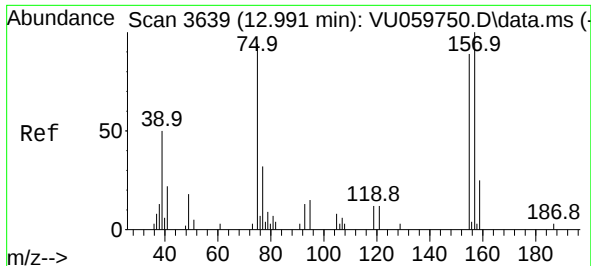
Ion Ratio Lower Upper

146 100

111 44.5 33.4 50.0

148 65.2 49.7 74.5





#68

1,2-Dibromo-3-chloropropane

Concen: 0.188 ug/L

RT: 12.971 min Scan# 3633

Delta R.T. -0.019 min

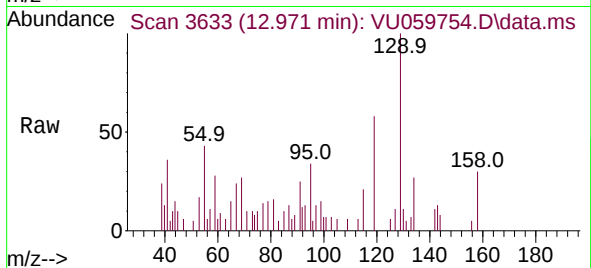
Lab File: VU059754.D

Acq: 02 Jul 2024 21:57

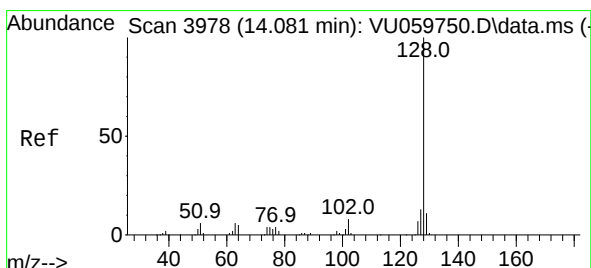
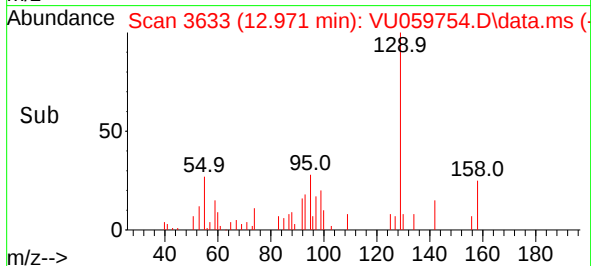
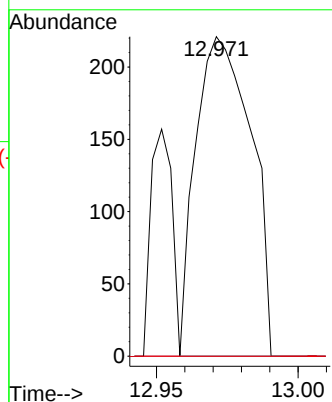
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	300
Ion Ratio	Lower	Upper	
75	100		
155	0.0	58.2	87.2#
157	0.0	80.0	120.0#



#71

Naphthalene

Concen: 0.997 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU059754.D

Acq: 02 Jul 2024 21:57

Tgt Ion:	128	Resp:	22497
Ion Ratio	Lower	Upper	
128	100		
129	15.4	8.2	12.4#
127	14.8	10.2	15.4

