

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054371.D
 Acq On : 01 Jun 2023 04:51
 Operator : JC/MD
 Sample : 02986-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-13-0A

Quant Time: Jun 01 06:44:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

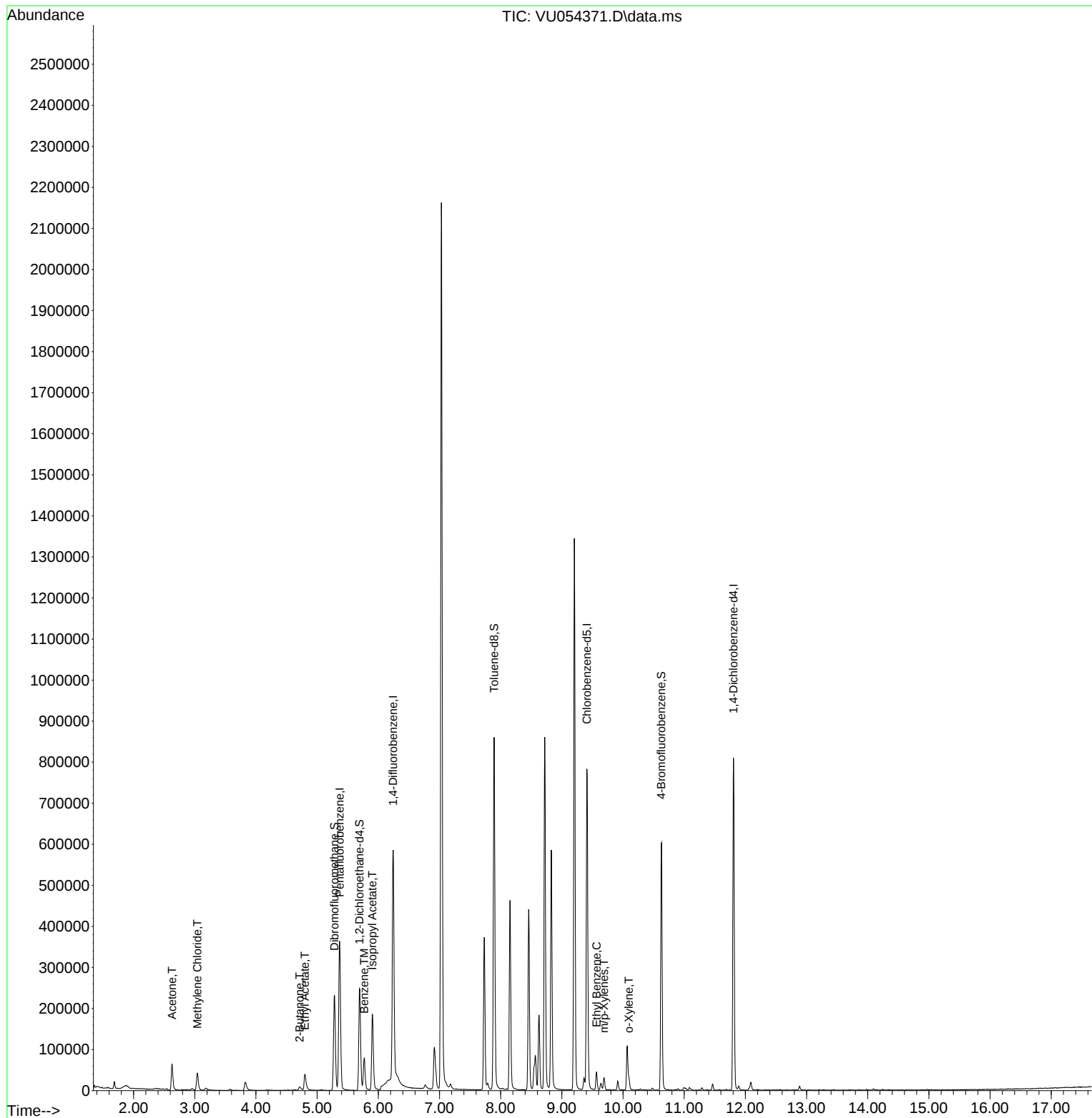
Internal Standards						
1) Pentafluorobenzene	5.369	168	264899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	462384	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	442631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	220592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	184209	53.047	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.100%			
35) Dibromofluoromethane	5.282	113	152023	51.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	7.893	98	577563	50.994	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.980%			
62) 4-Bromofluorobenzene	10.626	95	201960	45.988	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.980%			
Target Compounds						
					Qvalue	
16) Acetone	2.629	43	77067	38.717	ug/l	100
20) Methylene Chloride	3.041	84	22841	6.361	ug/l	97
25) 2-Butanone	4.713	43	13769	5.225	ug/l	90
37) Ethyl Acetate	4.800	43	54886	9.629	ug/l #	91
40) Benzene	5.771	78	73178	5.485	ug/l	99
43) Isopropyl Acetate	5.903	43	199340	25.355	ug/l	98
67) Ethyl Benzene	9.568	91	30718	1.942	ug/l	95
68) m/p-Xylenes	9.690	106	8965	1.495	ug/l	93
69) o-Xylene	10.095	106	7125	1.227	ug/l	95

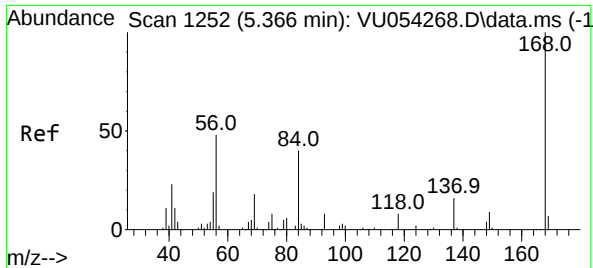
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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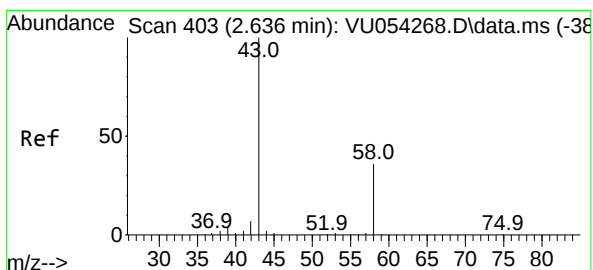
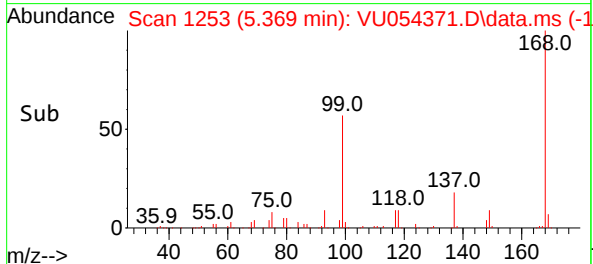
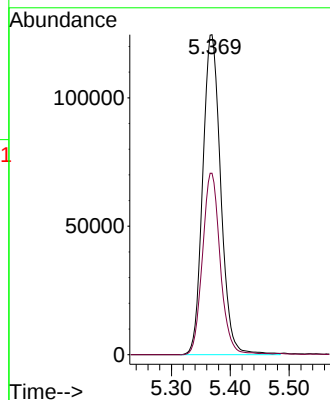
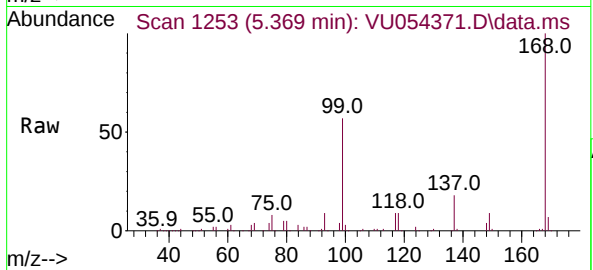




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054371.D
Acq: 01 Jun 2023 04:51

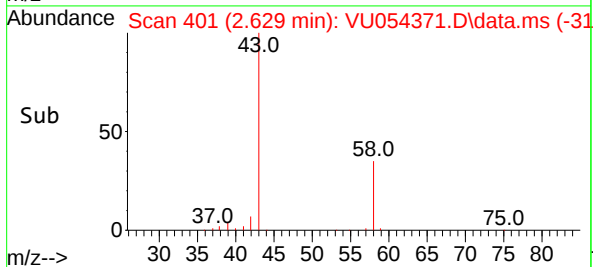
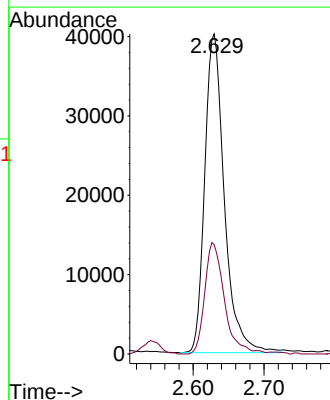
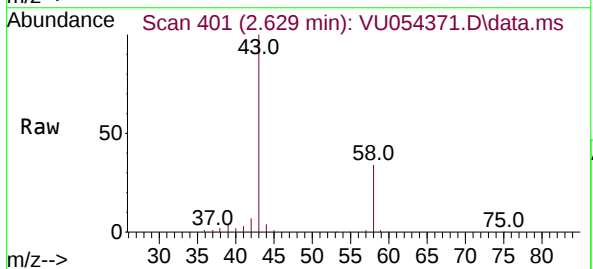
Instrument :
MSVOA_U
ClientSampleId :
TP-13-0A

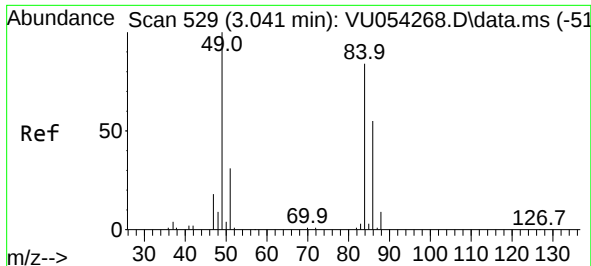
Tgt Ion:168 Resp: 264899
Ion Ratio Lower Upper
168 100
99 56.7 39.3 58.9



#16
Acetone
Concen: 38.717 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.007 min
Lab File: VU054371.D
Acq: 01 Jun 2023 04:51

Tgt Ion: 43 Resp: 77067
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3

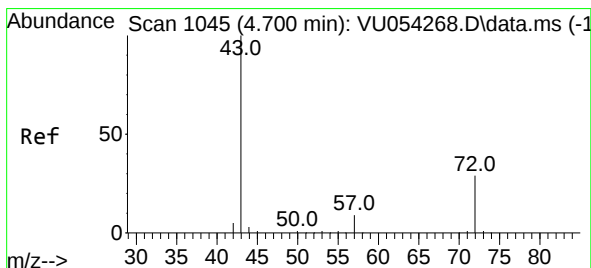
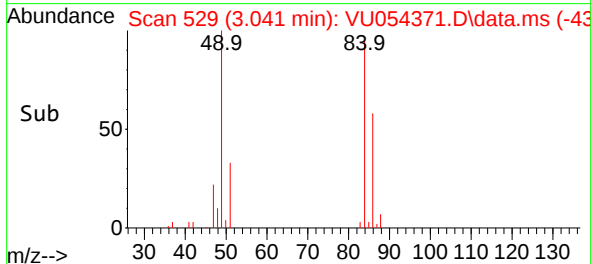
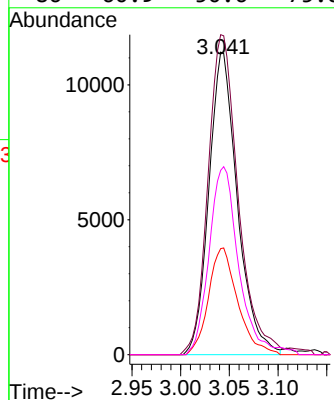
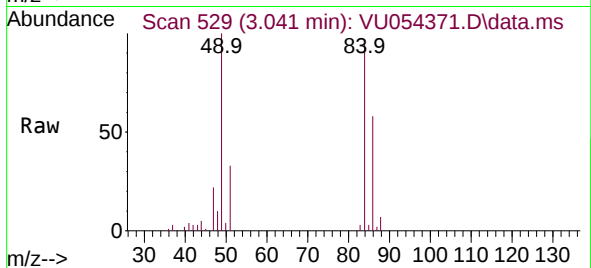




#20
Methylene Chloride
Concen: 6.361 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU054371.D
Acq: 01 Jun 2023 04:51

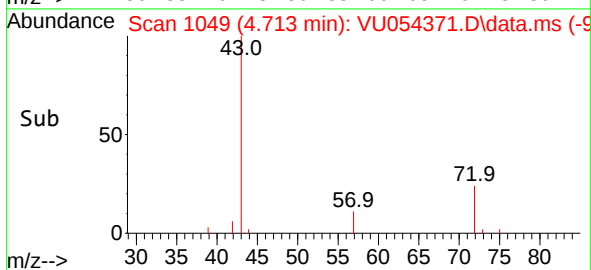
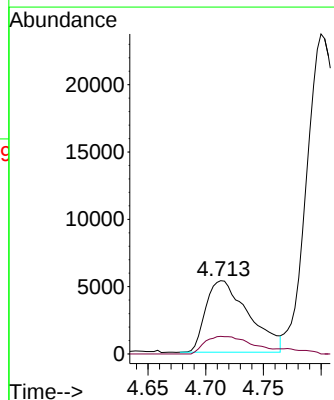
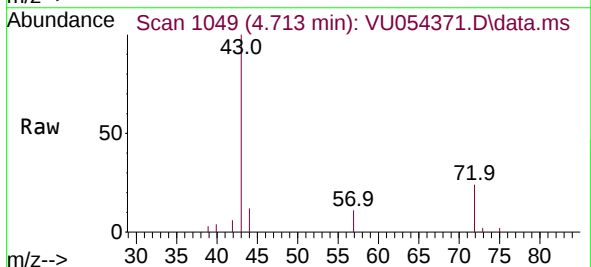
Instrument :
MSVOA_U
ClientSampleId :
TP-13-0A

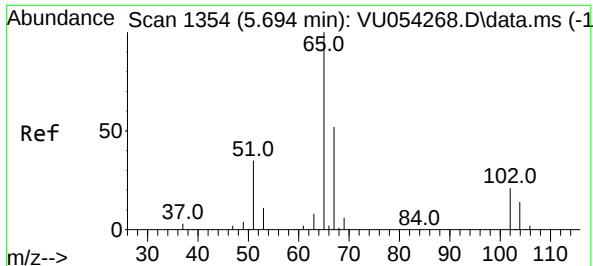
Tgt Ion:	84	Resp:	22841
Ion	Ratio	Lower	Upper
84	100		
49	105.8	86.6	129.8
51	35.1	26.6	40.0
86	60.9	50.6	75.8



#25
2-Butanone
Concen: 5.225 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU054371.D
Acq: 01 Jun 2023 04:51

Tgt Ion:	43	Resp:	13769
Ion	Ratio	Lower	Upper
43	100		
72	24.5	23.8	35.6





#33

1,2-Dichloroethane-d4

Concen: 53.047 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054371.D

Acq: 01 Jun 2023 04:51

Instrument :

MSVOA_U

ClientSampleId :

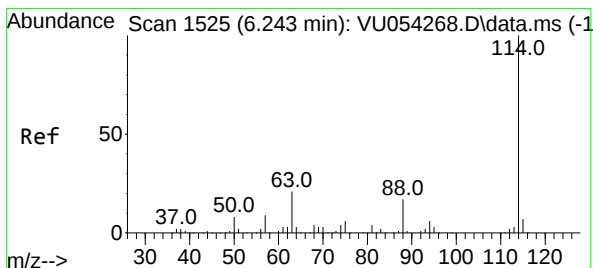
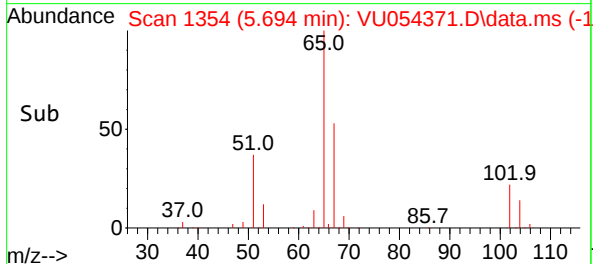
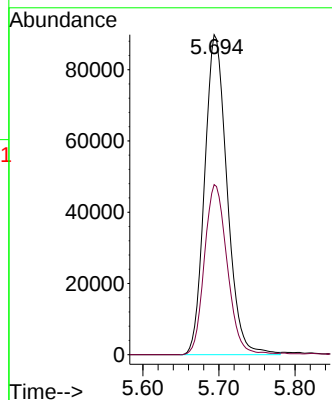
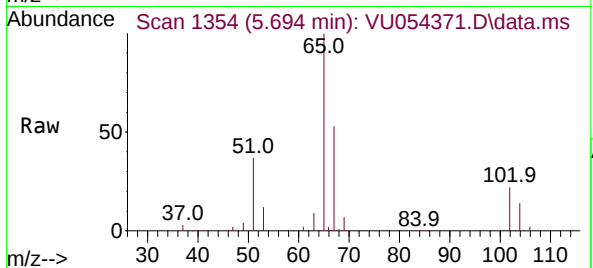
TP-13-0A

Tgt Ion: 65 Resp: 184209

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054371.D

Acq: 01 Jun 2023 04:51

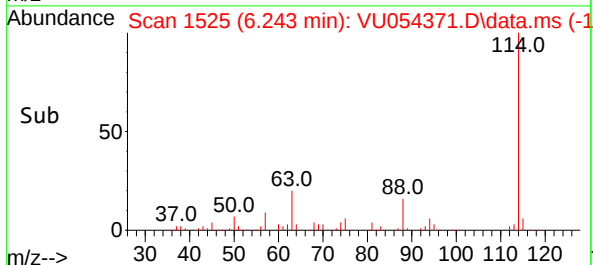
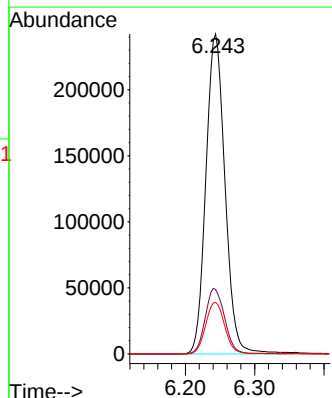
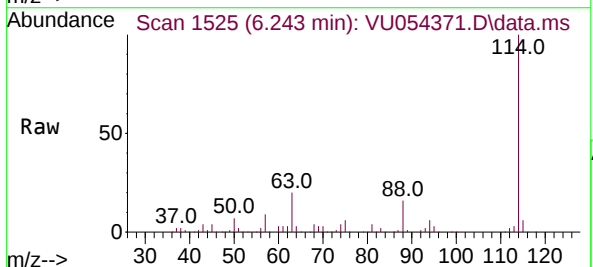
Tgt Ion: 114 Resp: 462384

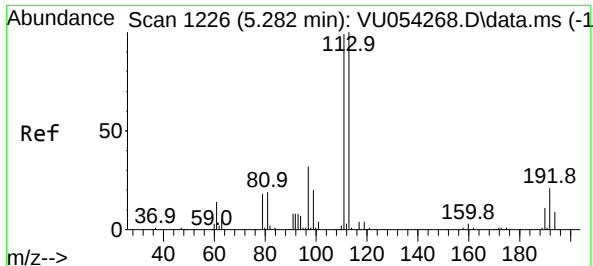
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.8

88 16.1 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.055 ug/l

RT: 5.282 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054371.D

Acq: 01 Jun 2023 04:51

Instrument :

MSVOA_U

ClientSampleId :

TP-13-0A

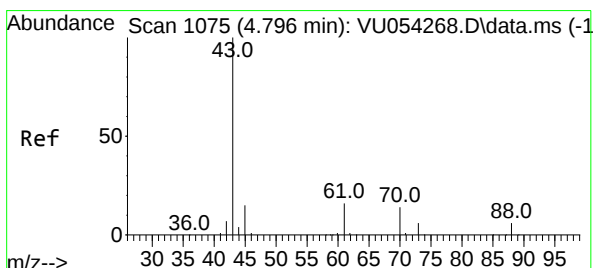
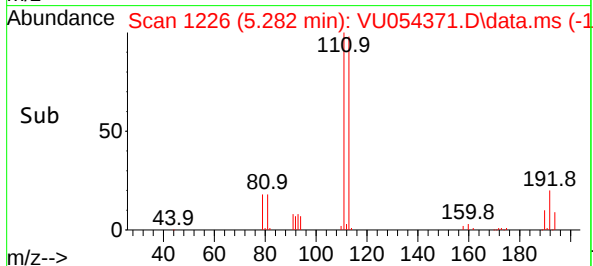
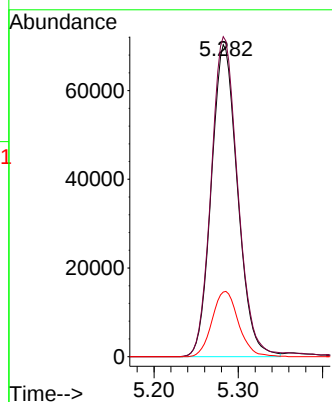
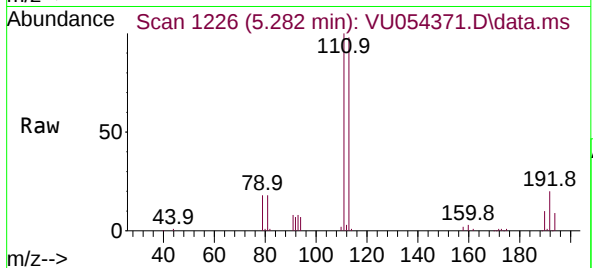
Tgt Ion:113 Resp: 152023

Ion Ratio Lower Upper

113 100

111 104.1 82.1 123.1

192 21.1 18.0 27.0



#37

Ethyl Acetate

Concen: 9.629 ug/l

RT: 4.800 min Scan# 1076

Delta R.T. 0.004 min

Lab File: VU054371.D

Acq: 01 Jun 2023 04:51

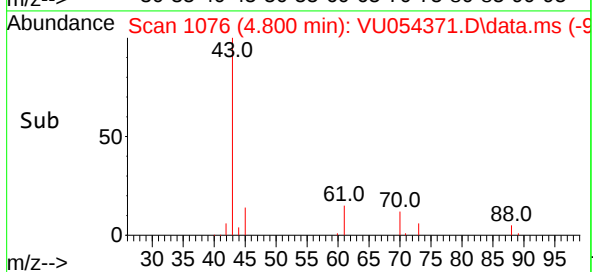
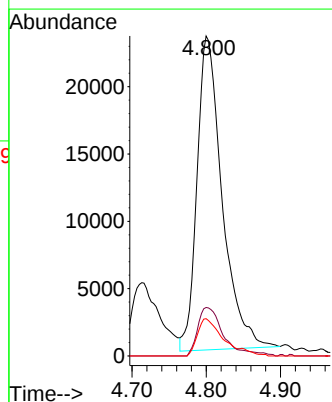
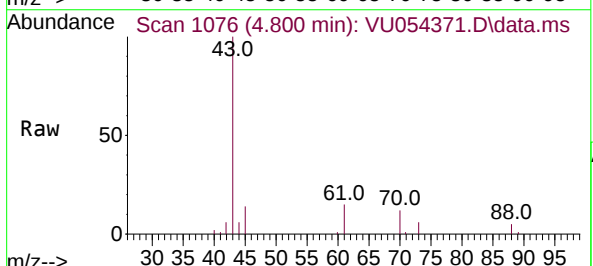
Tgt Ion: 43 Resp: 54886

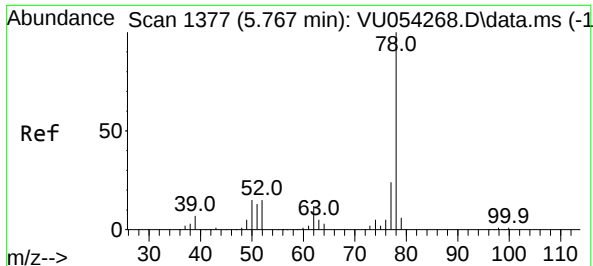
Ion Ratio Lower Upper

43 100

61 15.8 9.5 14.3#

70 12.4 7.5 11.3#

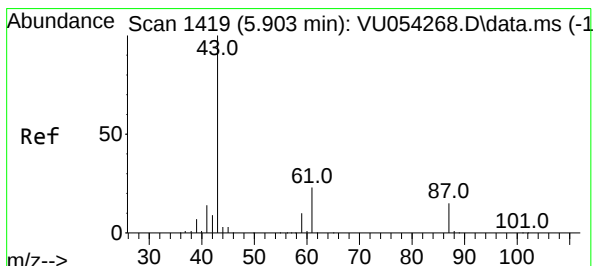
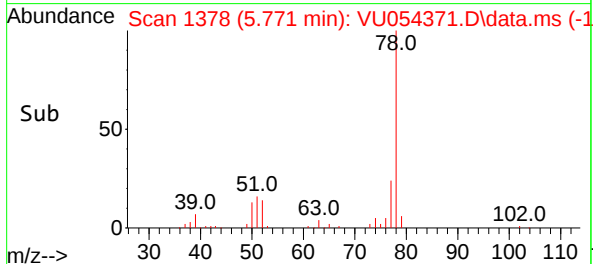
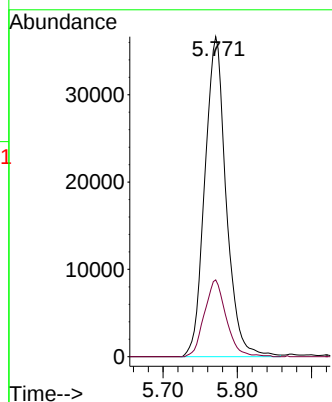
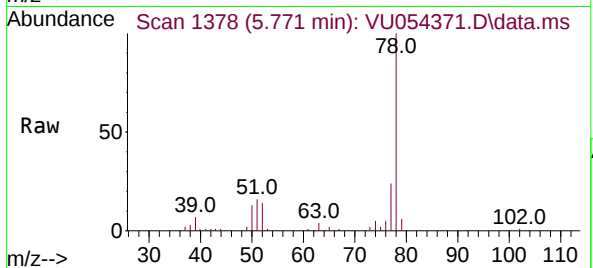




#40
Benzene
Concen: 5.485 ug/l
RT: 5.771 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU054371.D
Acq: 01 Jun 2023 04:51

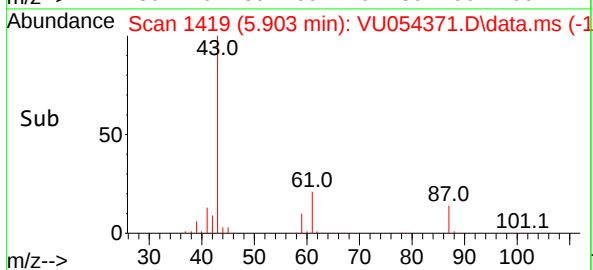
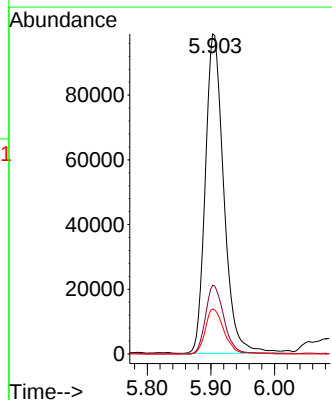
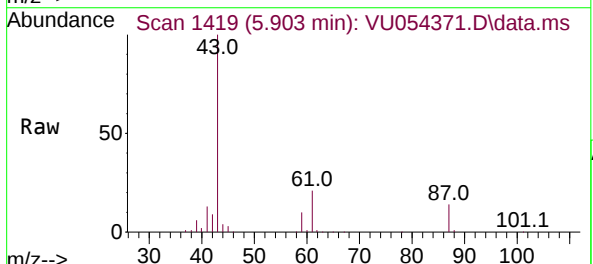
Instrument :
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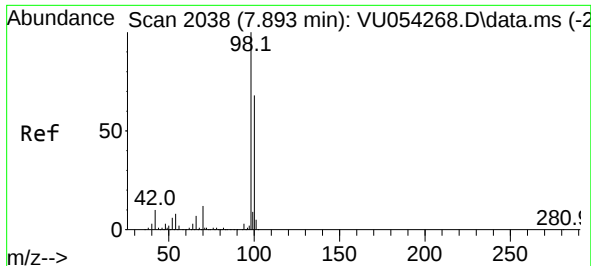
Tgt Ion: 78 Resp: 73178
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



#43
Isopropyl Acetate
Concen: 25.355 ug/l
RT: 5.903 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VU054371.D
Acq: 01 Jun 2023 04:51

Tgt Ion: 43 Resp: 199340
Ion Ratio Lower Upper
43 100
61 21.6 17.4 26.0
87 14.1 12.6 18.8

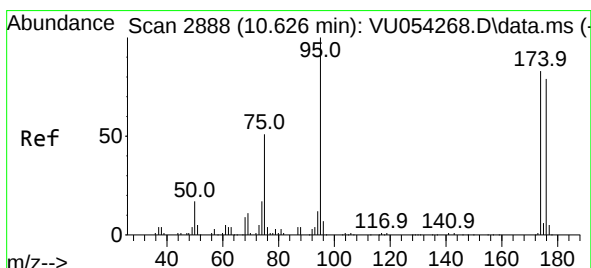
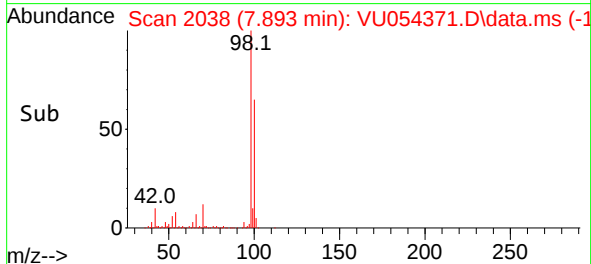
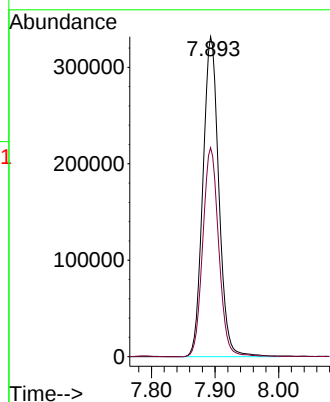
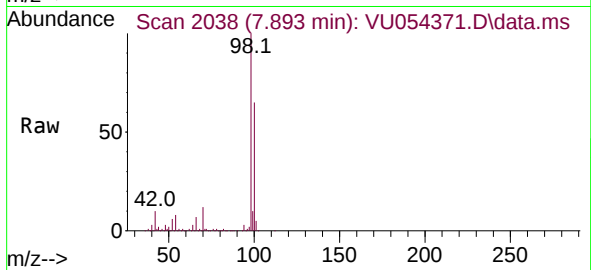




#50
Toluene-d8
Concen: 50.994 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054371.D
Acq: 01 Jun 2023 04:51

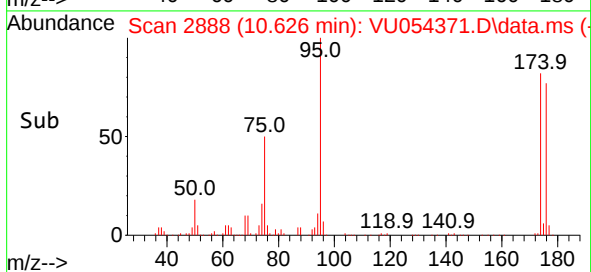
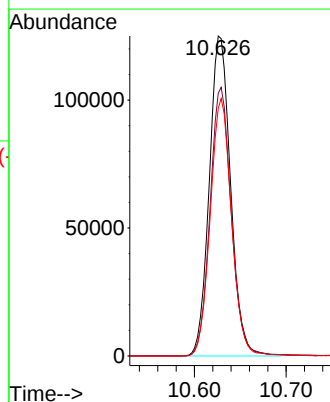
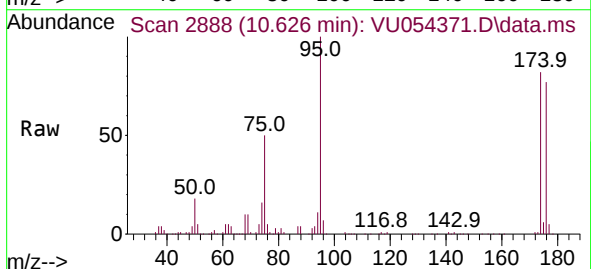
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MSVOA_U
ClientSampleId :
TP-13-0A

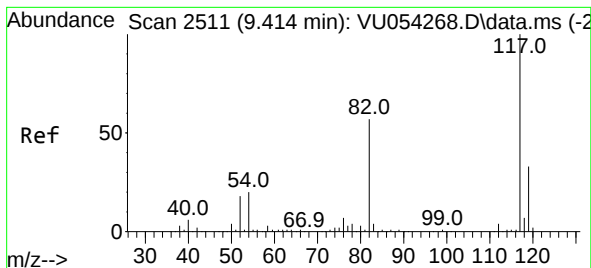
Tgt Ion: 98 Resp: 577563
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.988 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054371.D
Acq: 01 Jun 2023 04:51

Tgt Ion: 95 Resp: 201960
Ion Ratio Lower Upper
95 100
174 84.1 0.0 182.0
176 80.6 0.0 177.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.411 min Scan# 2510

Delta R.T. -0.003 min

Lab File: VU054371.D

Acq: 01 Jun 2023 04:51

Instrument :

MSVOA_U

ClientSampleId :

TP-13-0A

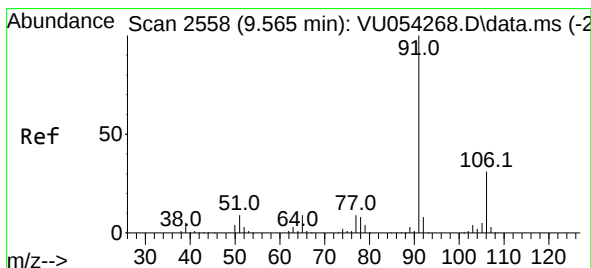
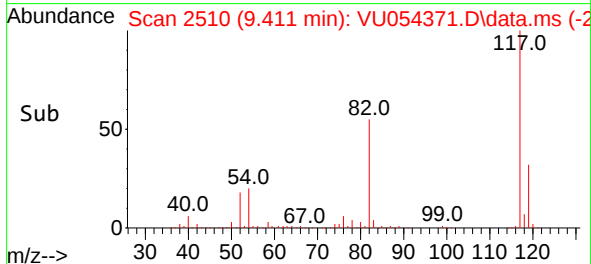
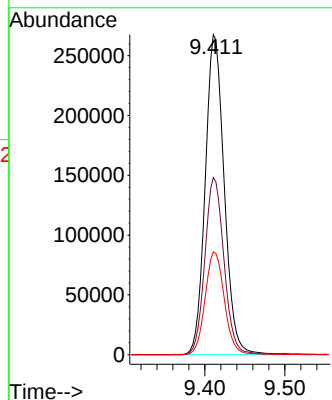
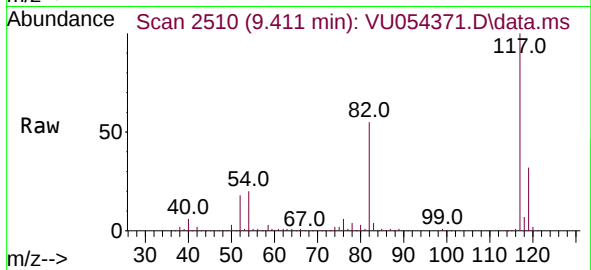
Tgt Ion:117 Resp: 442631

Ion Ratio Lower Upper

117 100

82 55.3 41.7 62.5

119 32.1 25.7 38.5



#67

Ethyl Benzene

Concen: 1.942 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. 0.003 min

Lab File: VU054371.D

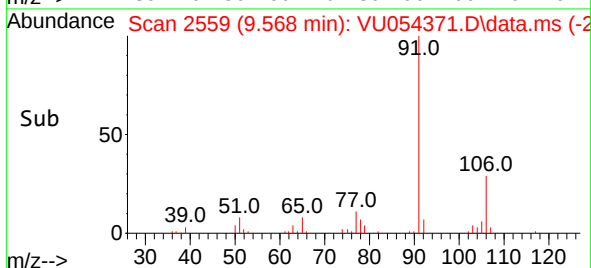
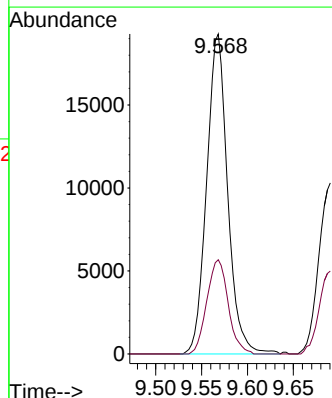
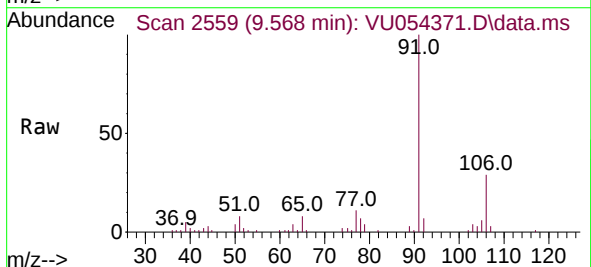
Acq: 01 Jun 2023 04:51

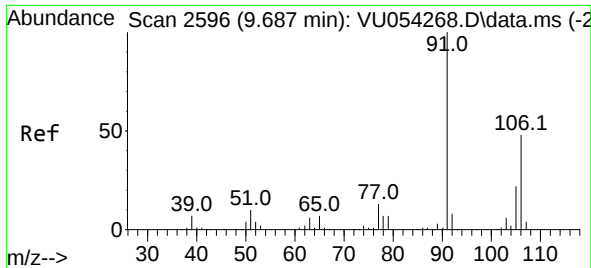
Tgt Ion: 91 Resp: 30718

Ion Ratio Lower Upper

91 100

106 29.5 25.6 38.4

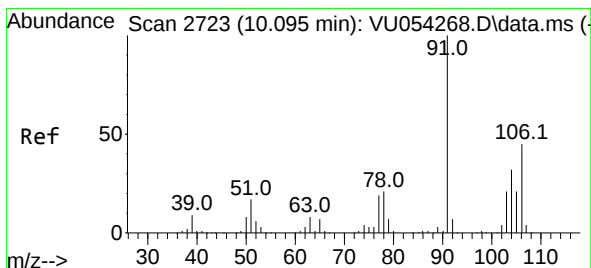
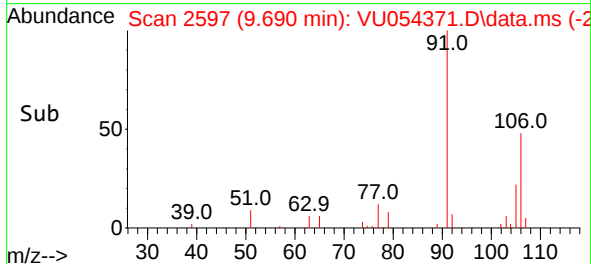
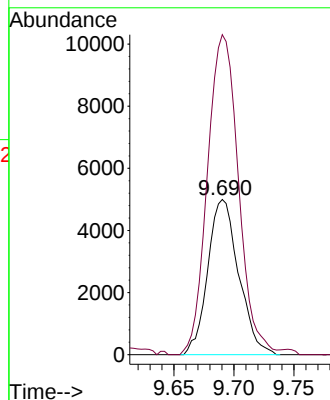
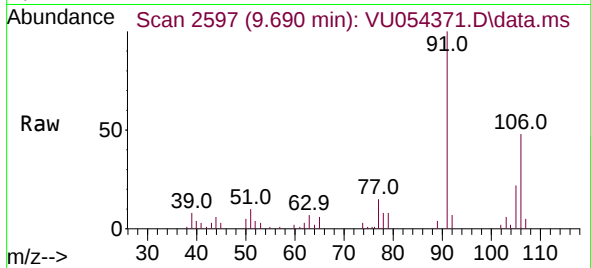




#68
m/p-Xylenes
Concen: 1.495 ug/l
RT: 9.690 min Scan# 2596
Delta R.T. 0.003 min
Lab File: VU054371.D
Acq: 01 Jun 2023 04:51

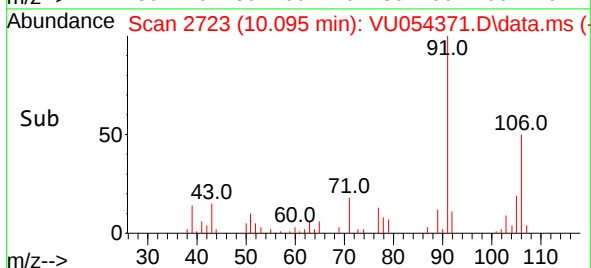
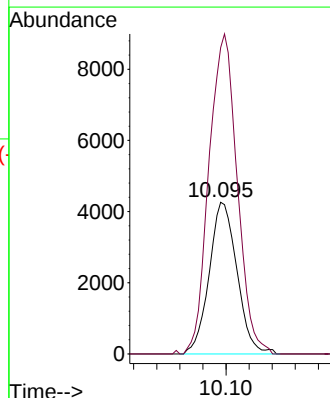
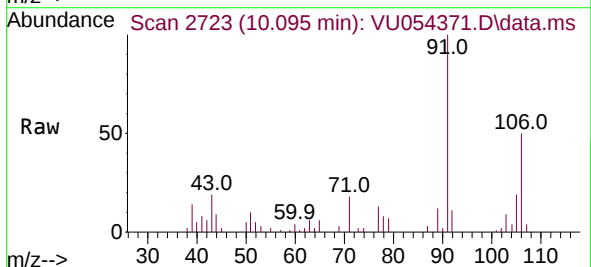
Instrument :
MSVOA_U
ClientSampleId :
TP-13-0A

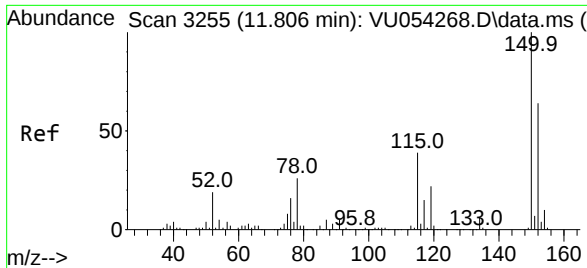
Tgt Ion:106 Resp: 8965
Ion Ratio Lower Upper
106 100
91 206.7 157.2 235.8



#69
o-Xylene
Concen: 1.227 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU054371.D
Acq: 01 Jun 2023 04:51

Tgt Ion:106 Resp: 7125
Ion Ratio Lower Upper
106 100
91 214.4 103.5 310.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.806 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054371.D
 Acq: 01 Jun 2023 04:51

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-13-0A

Tgt Ion:152 Resp: 220592
 Ion Ratio Lower Upper
 152 100
 115 58.1 37.0 110.9
 150 155.2 0.0 342.2

