

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048728.D
 Acq On : 28 May 2022 05:55
 Operator : SY/MD
 Sample : N3033-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-2

Quant Time: May 30 03:02:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

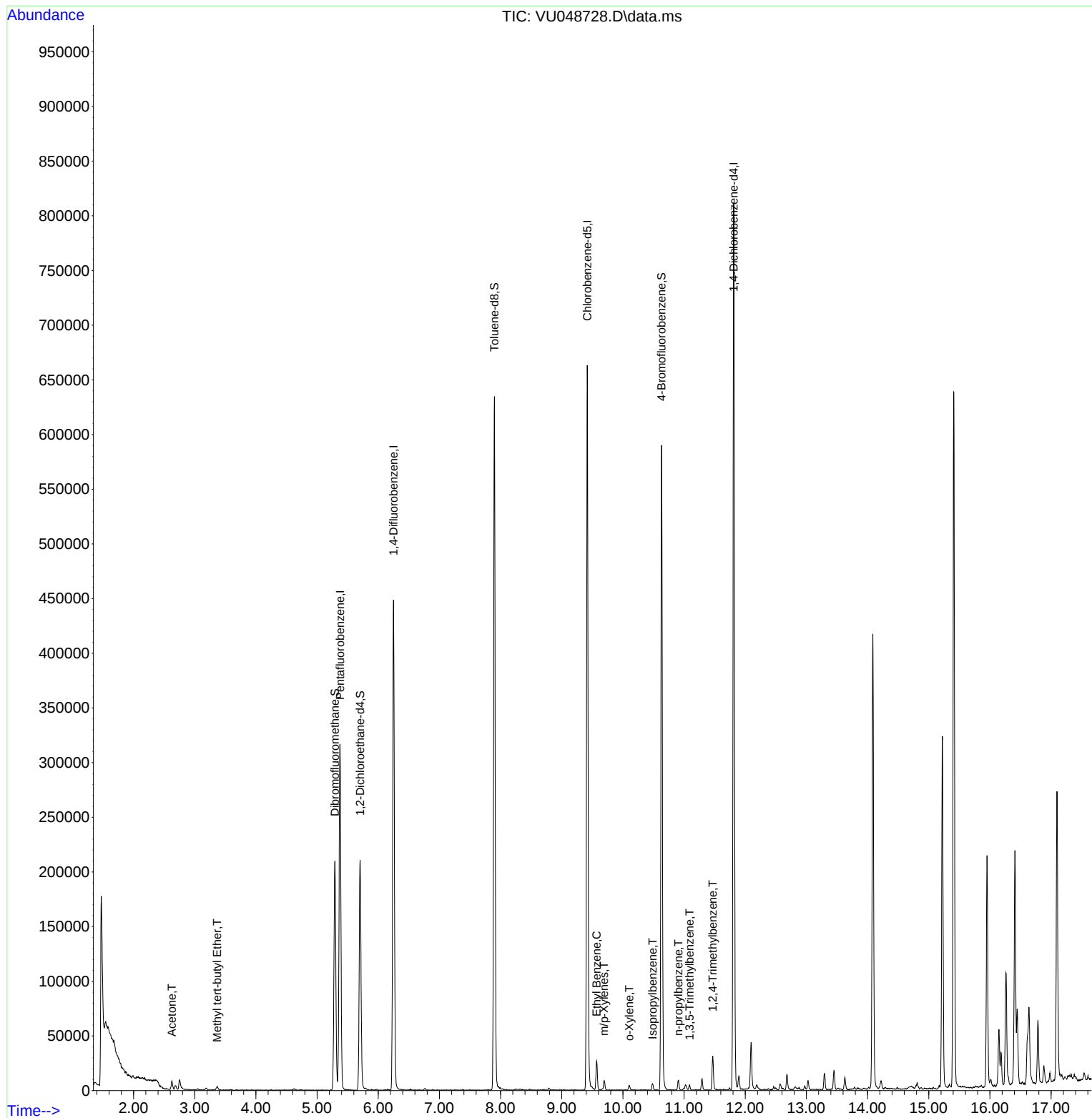
Internal Standards						
1) Pentafluorobenzene	5.375	168	217289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	364708	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	365817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	218308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	163664	50.153	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.300%	
35) Dibromofluoromethane	5.292	113	138291	53.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.300%	
50) Toluene-d8	7.899	98	426458	45.723	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.440%#	
62) 4-Bromofluorobenzene	10.632	95	198367	56.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.480%	
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	8546	5.139	ug/l	95
19) Methyl tert-butyl Ether	3.366	73	3482	0.415	ug/l #	90
67) Ethyl Benzene	9.571	91	18844	1.444	ug/l	96
68) m/p-Xylenes	9.694	106	2525	0.495	ug/l	90
69) o-Xylene	10.102	106	1245	0.248	ug/l	94
73) Isopropylbenzene	10.485	105	4536	0.322	ug/l	95
78) n-propylbenzene	10.909	91	7101	0.423	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	2860	0.233	ug/l	97
84) 1,2,4-Trimethylbenzene	11.468	105	18209	2.533	ug/l	96

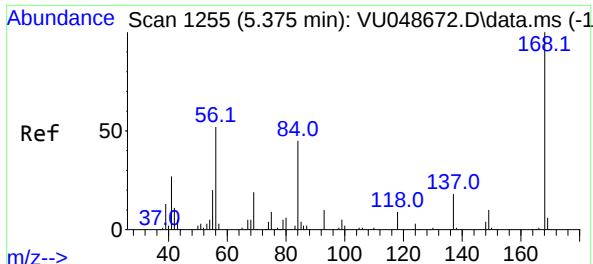
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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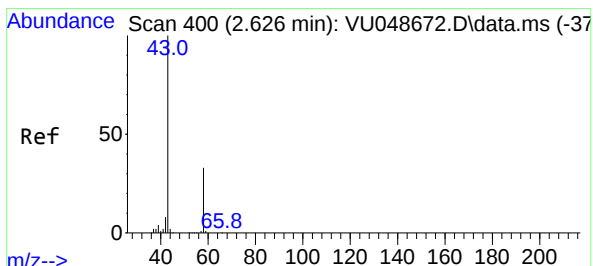
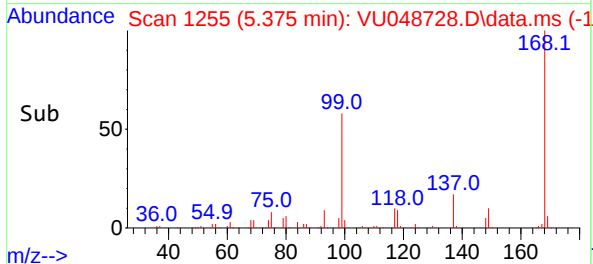
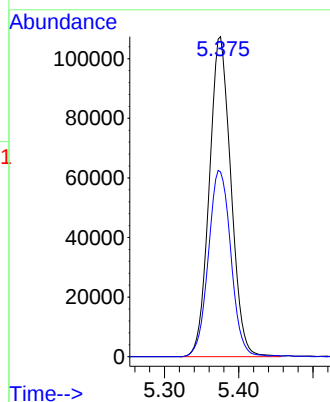
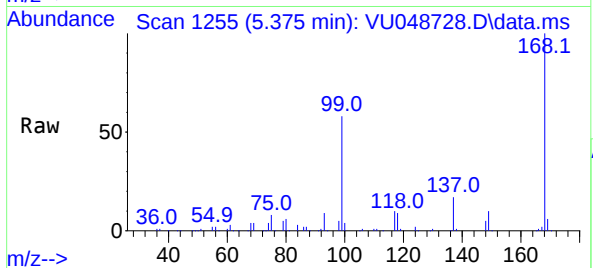




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

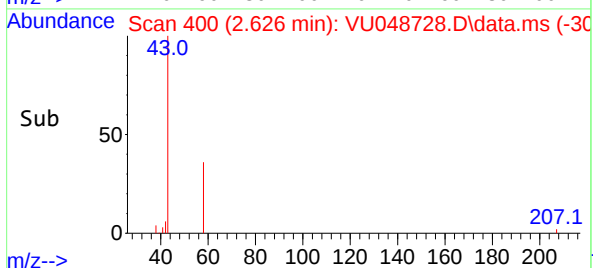
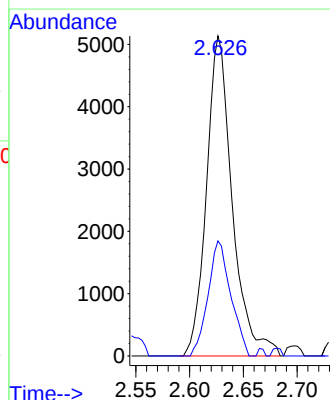
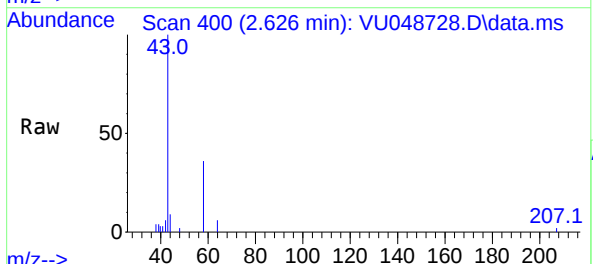
Instrument :
MSVOA_U
ClientSampleId :
TW-2

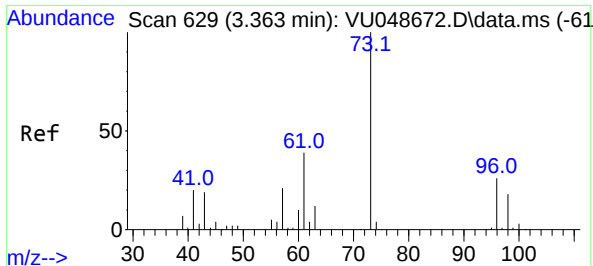
Tgt Ion:168 Resp: 217289
Ion Ratio Lower Upper
168 100
99 57.8 49.3 73.9



#16
Acetone
Concen: 5.139 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

Tgt Ion: 43 Resp: 8546
Ion Ratio Lower Upper
43 100
58 36.0 26.3 39.5

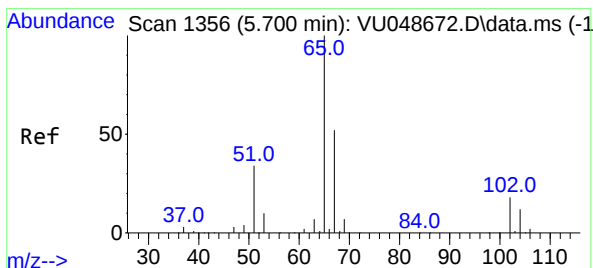
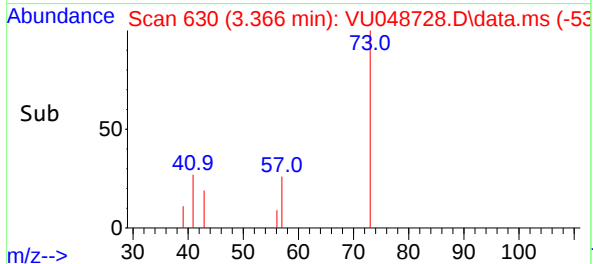
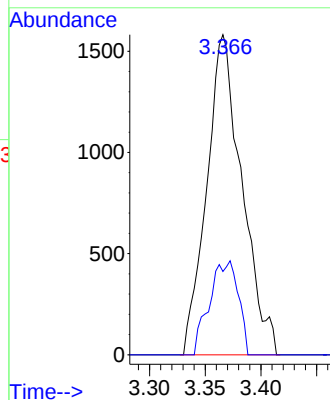
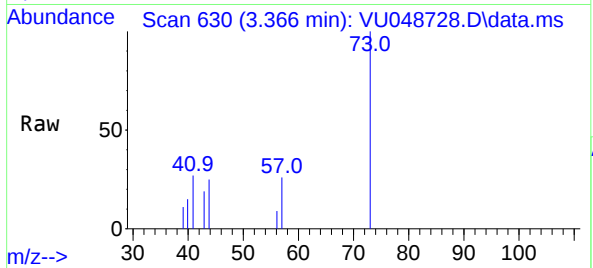




#19
Methyl tert-butyl Ether
Concen: 0.415 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

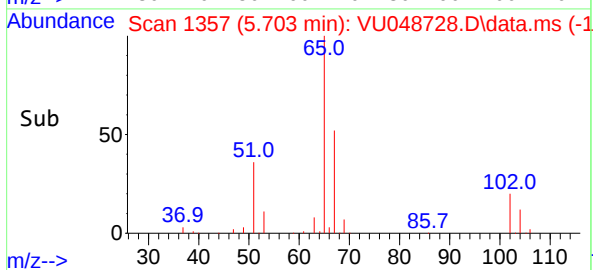
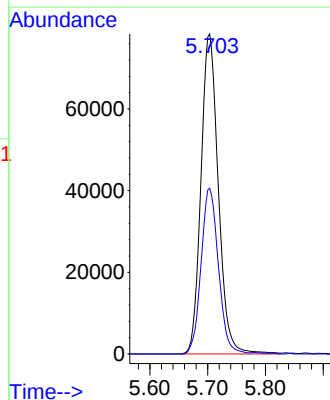
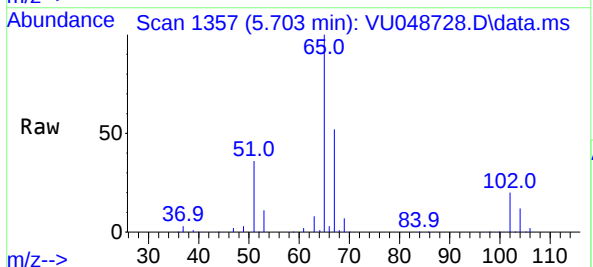
Instrument :
MSVOA_U
ClientSampleId :
TW-2

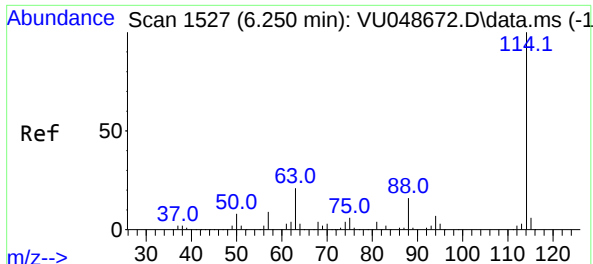
Tgt Ion: 73 Resp: 3482
Ion Ratio Lower Upper
73 100
57 26.0 17.1 25.7#



#33
1,2-Dichloroethane-d4
Concen: 50.153 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

Tgt Ion: 65 Resp: 163664
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

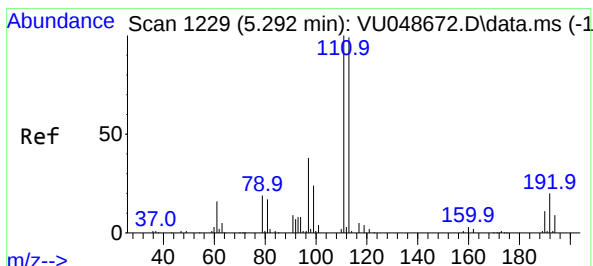
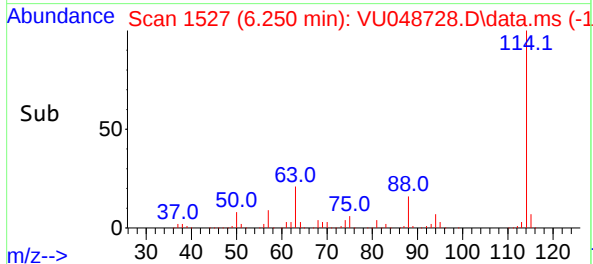
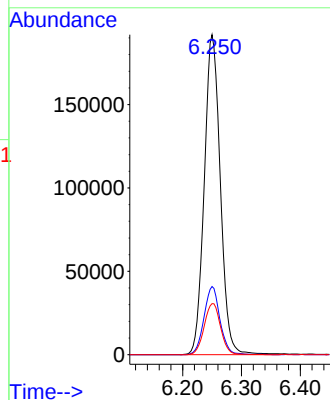
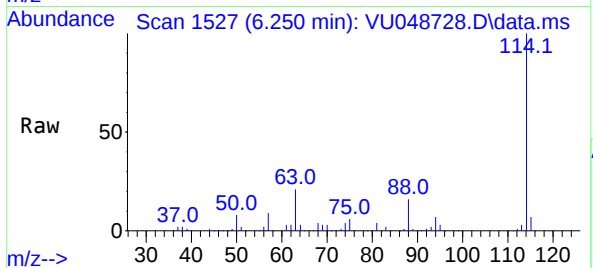




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

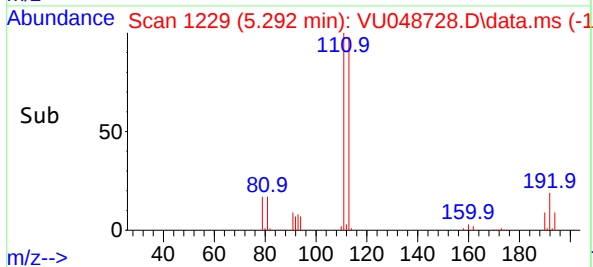
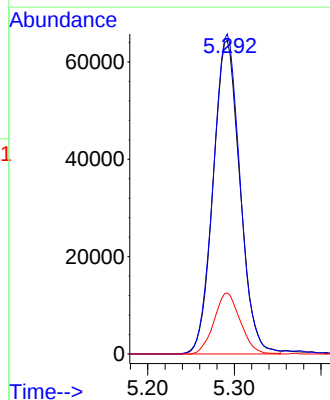
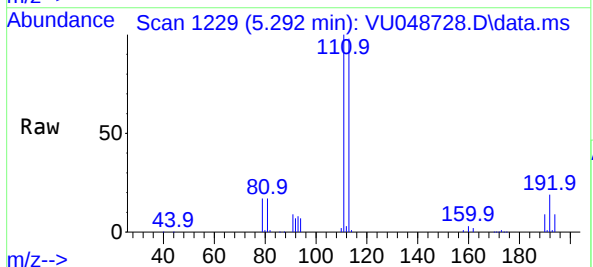
Instrument :
MSVOA_U
ClientSampleId :
TW-2

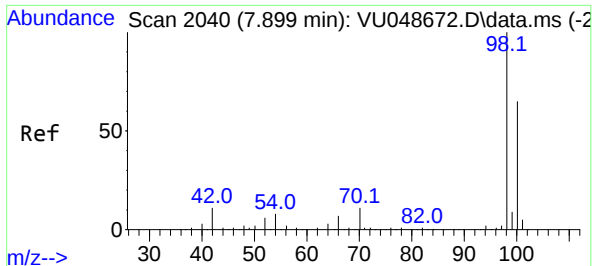
Tgt Ion:114 Resp: 364708
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.6
88 16.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 53.150 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

Tgt Ion:113 Resp: 138291
Ion Ratio Lower Upper
113 100
111 102.2 80.7 121.1
192 19.0 15.9 23.9





#50

Toluene-d8

Concen: 45.723 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048728.D

Acq: 28 May 2022 05:55

Instrument :

MSVOA_U

ClientSampleId :

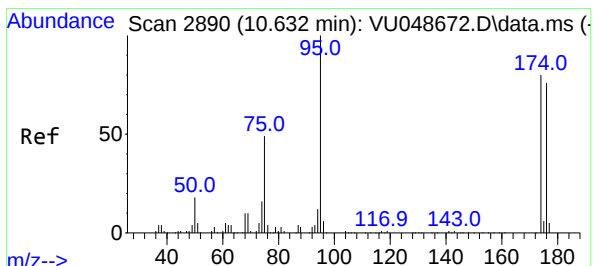
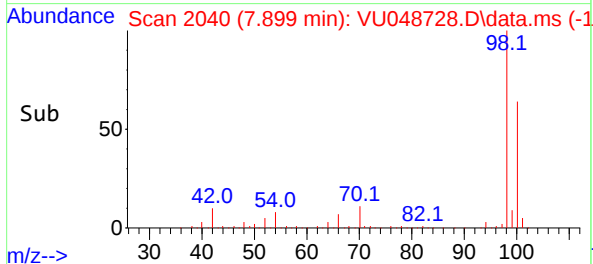
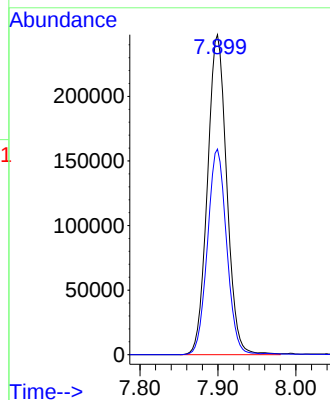
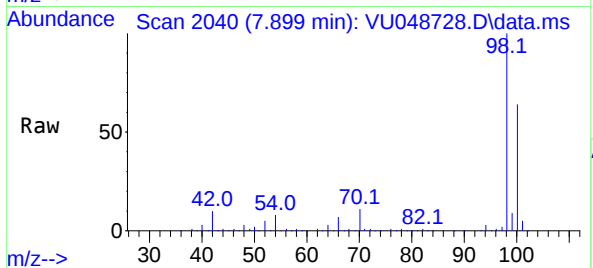
TW-2

Tgt Ion: 98 Resp: 426458

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 56.237 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. 0.000 min

Lab File: VU048728.D

Acq: 28 May 2022 05:55

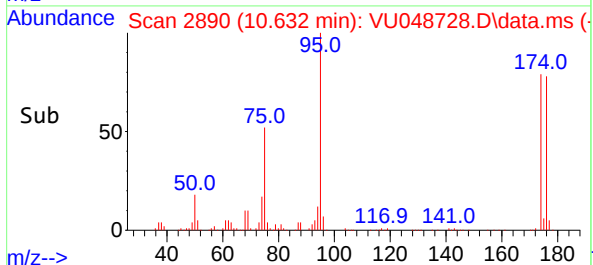
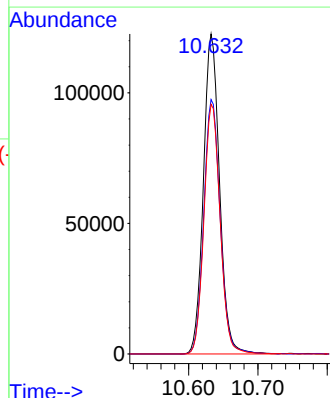
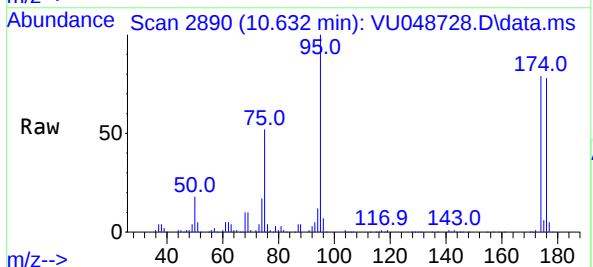
Tgt Ion: 95 Resp: 198367

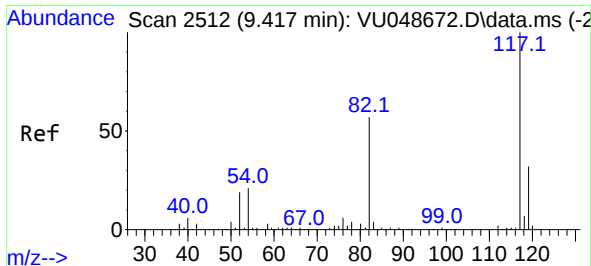
Ion Ratio Lower Upper

95 100

174 81.0 0.0 159.4

176 78.3 0.0 152.4

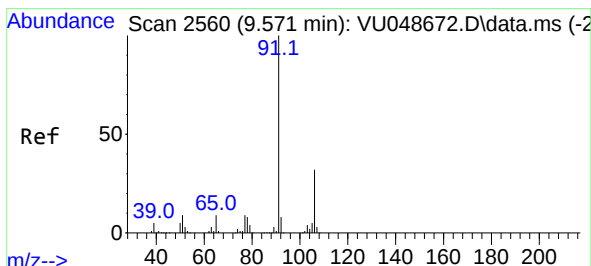
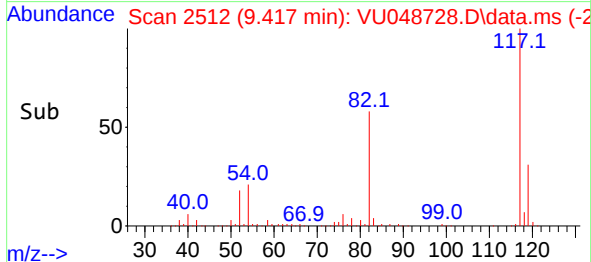
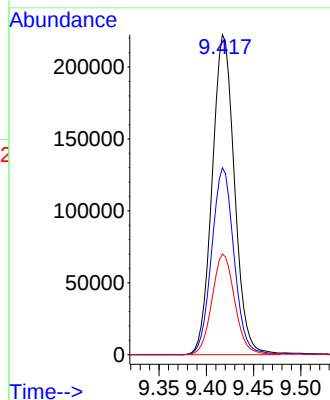
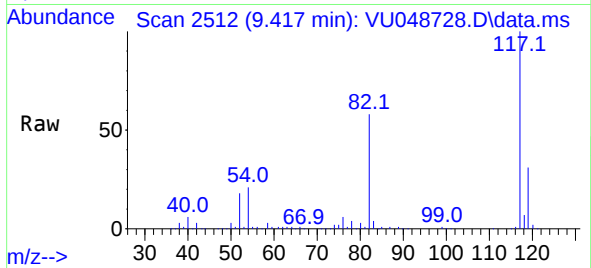




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

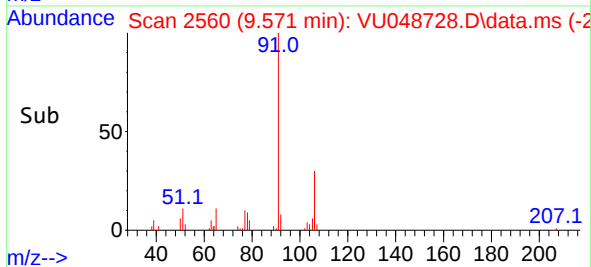
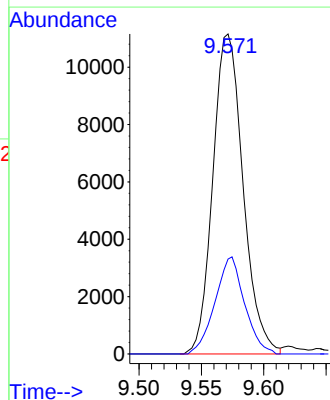
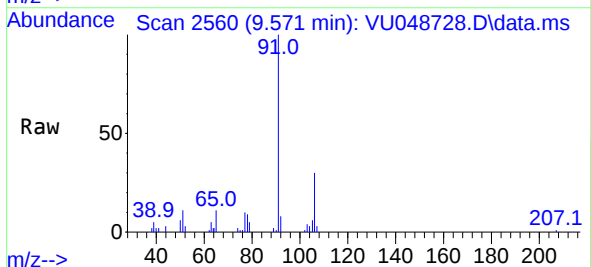
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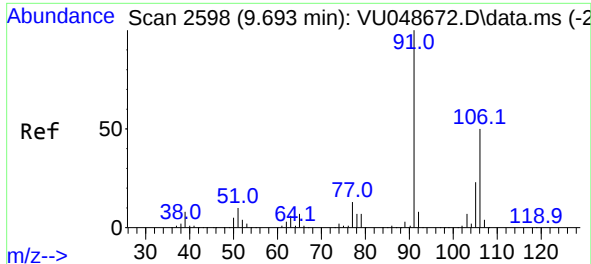
Tgt Ion:117 Resp: 365817
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 31.5 25.4 38.2



#67
Ethyl Benzene
Concen: 1.444 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

Tgt Ion: 91 Resp: 18844
Ion Ratio Lower Upper
91 100
106 29.7 25.4 38.2

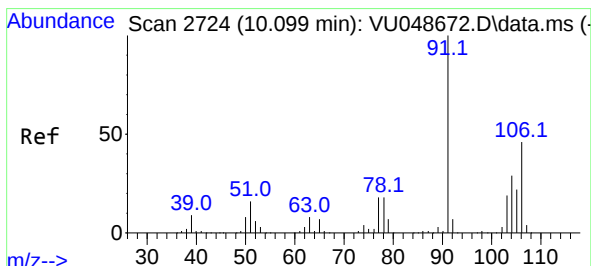
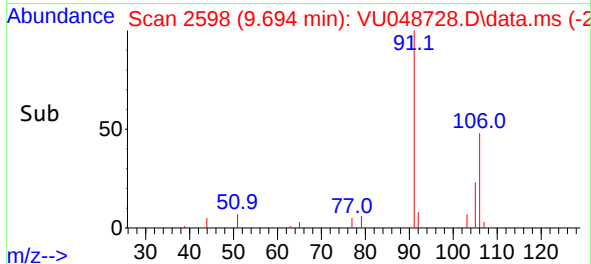
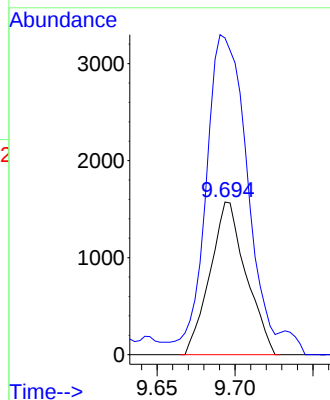
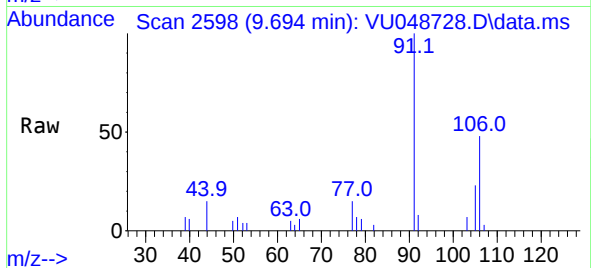




#68
m/p-Xylenes
Concen: 0.495 ug/l
RT: 9.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

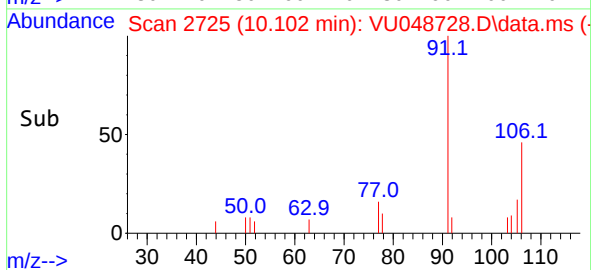
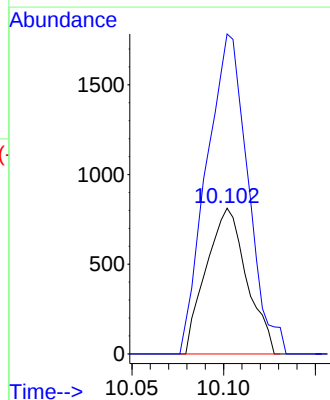
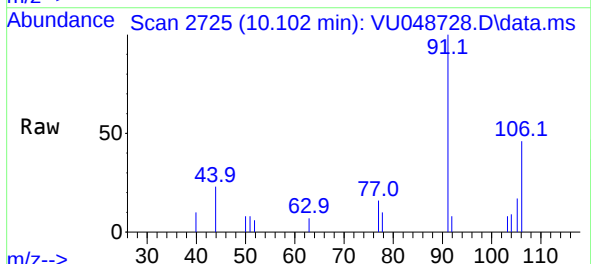
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ClientSampleId :
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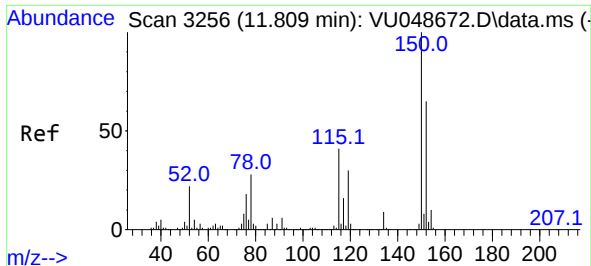
Tgt Ion:106 Resp: 2525
Ion Ratio Lower Upper
106 100
91 217.9 162.4 243.6



#69
o-Xylene
Concen: 0.248 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

Tgt Ion:106 Resp: 1245
Ion Ratio Lower Upper
106 100
91 224.6 107.7 323.3

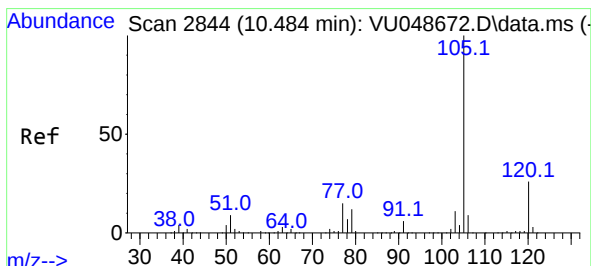
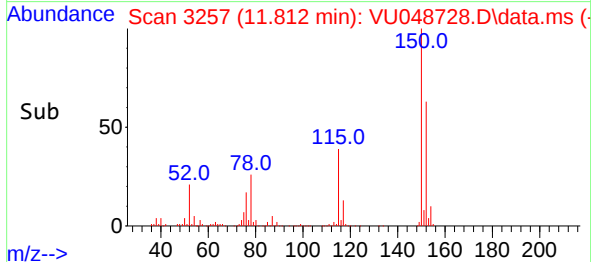
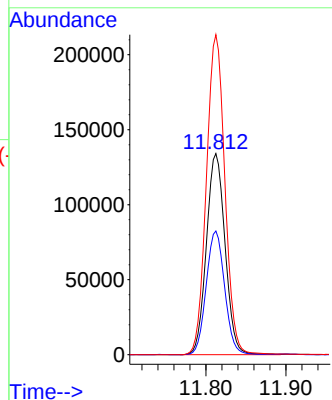
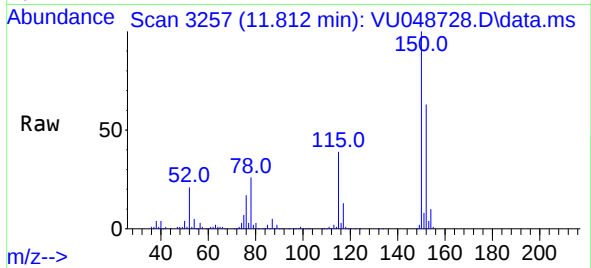




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

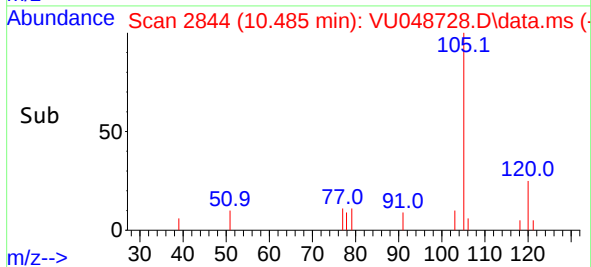
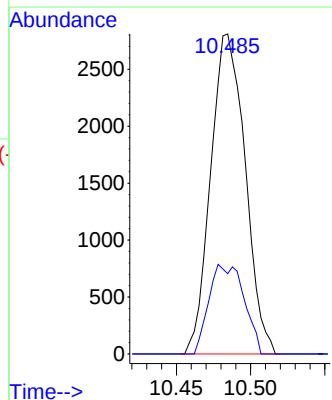
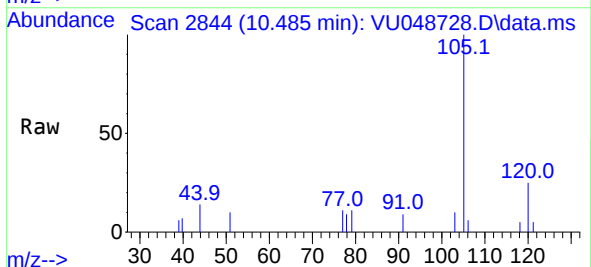
Instrument :
MSVOA_U
ClientSampleId :
TW-2

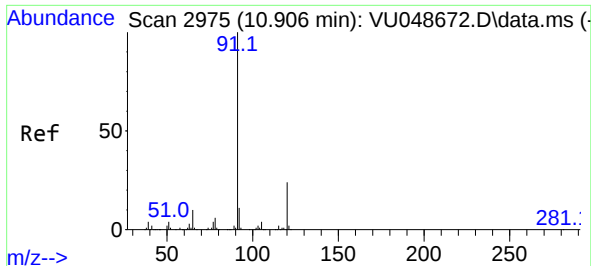
Tgt Ion:152 Resp: 218308
Ion Ratio Lower Upper
152 100
115 60.8 41.8 125.4
150 157.4 0.0 341.0



#73
Isopropylbenzene
Concen: 0.322 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

Tgt Ion:105 Resp: 4536
Ion Ratio Lower Upper
105 100
120 28.4 12.9 38.6

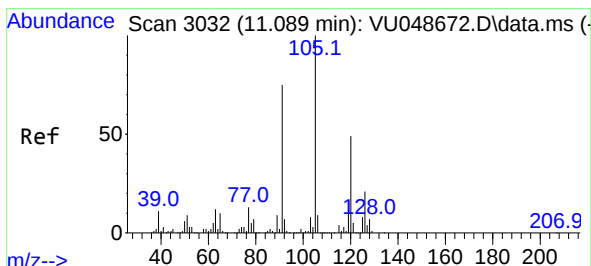
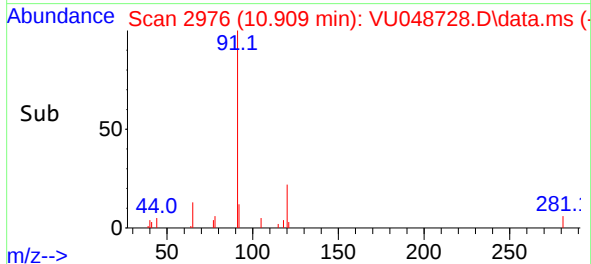
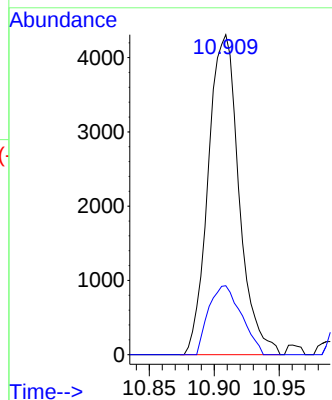
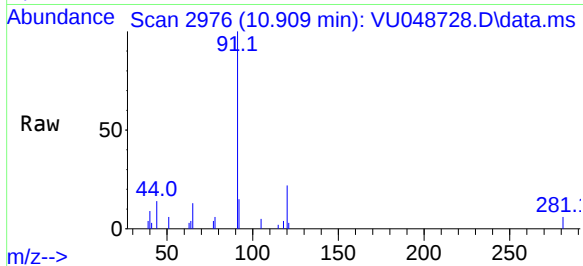




#78
n-propylbenzene
Concen: 0.423 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

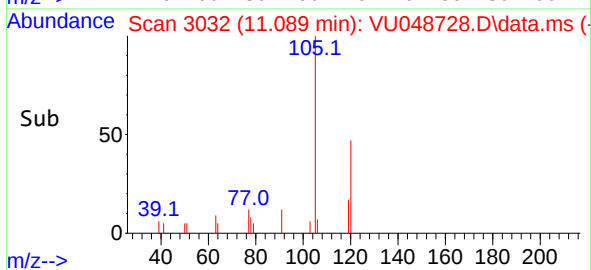
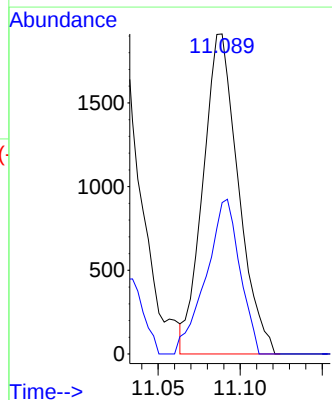
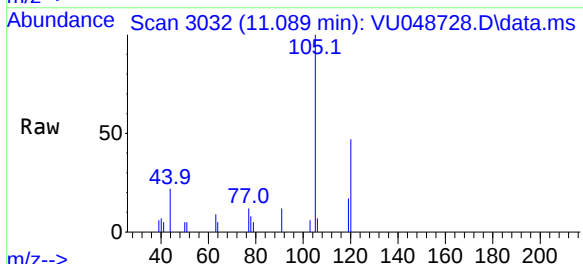
Instrument :
MSVOA_U
ClientSampleId :
TW-2

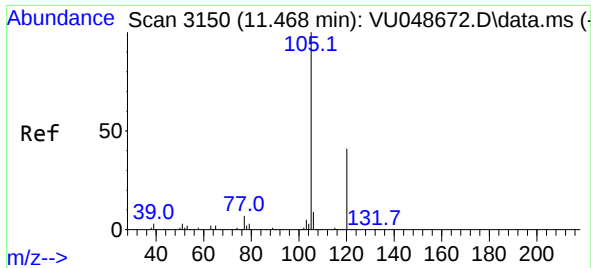
Tgt Ion: 91 Resp: 7101
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 0.233 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048728.D
Acq: 28 May 2022 05:55

Tgt Ion: 105 Resp: 2860
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 2.533 ug/l
 RT: 11.468 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU048728.D
 Acq: 28 May 2022 05:55

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-2

Tgt Ion:105 Resp: 18209
 Ion Ratio Lower Upper
 105 100
 120 42.1 22.5 67.5

