

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031556.D
 Acq On : 22 Sep 2022 07:39
 Operator : JC/MD
 Sample : N4642-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9RR

Quant Time: Sep 22 09:22:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

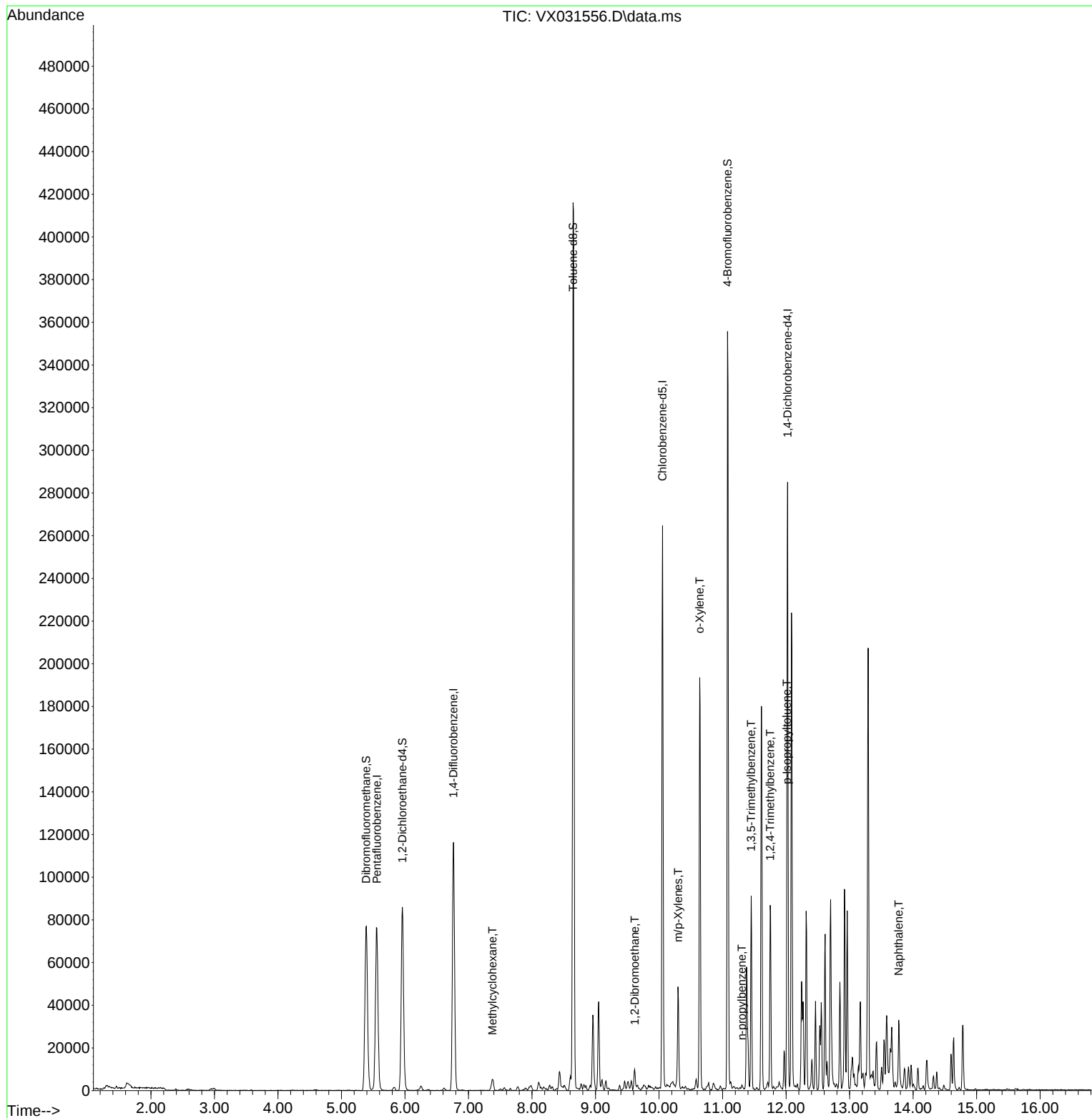
Internal Standards						
1) Pentafluorobenzene	5.556	168	73519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75350	55.909	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.820%	
35) Dibromofluoromethane	5.385	113	63257	50.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.960%	
50) Toluene-d8	8.647	98	245287	50.772	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	11.079	95	79658	48.677	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.360%	
Target Compounds						Qvalue
39) Methylcyclohexane	7.379	83	2197	0.926	ug/l	89
61) 1,2-Dibromoethane	9.616	107	2825	1.697	ug/l	94
68) m/p-Xylenes	10.299	106	10346	4.202	ug/l	96
69) o-Xylene	10.640	106	41480	17.651	ug/l	99
78) n-propylbenzene	11.305	91	1234	0.261	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.451	105	36890	10.575	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	37290	10.854	ug/l	98
86) p-Isopropyltoluene	12.012	119	2230	0.617	ug/l	89
95) Naphthalene	13.774	128	19961	5.058	ug/l #	96

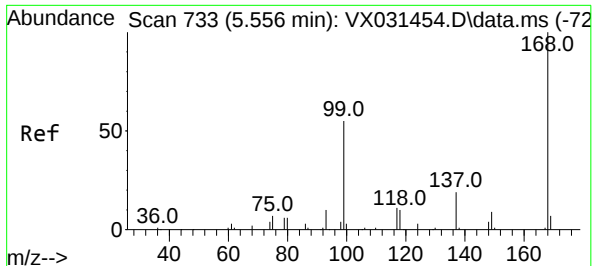
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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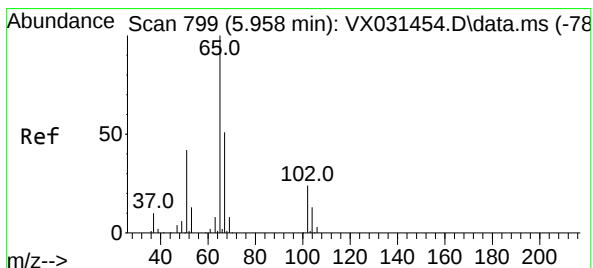
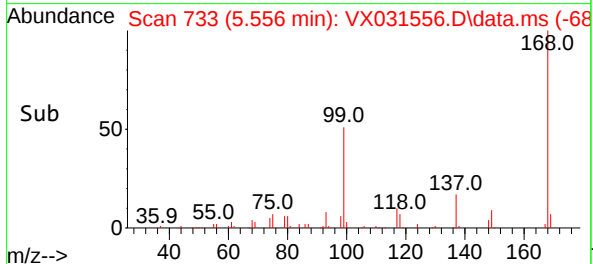
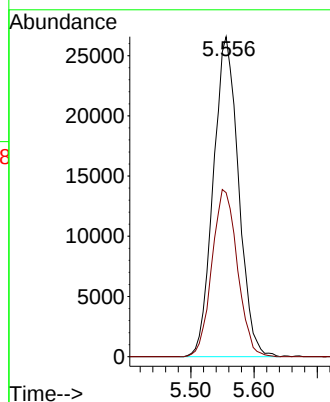
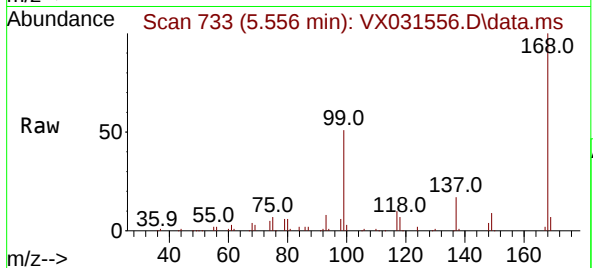




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

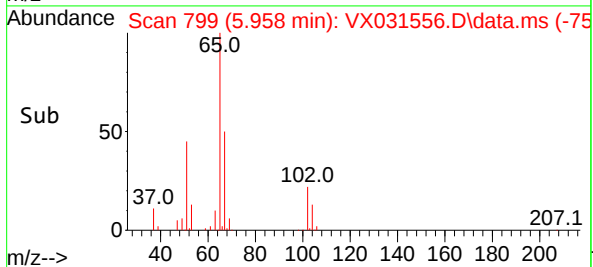
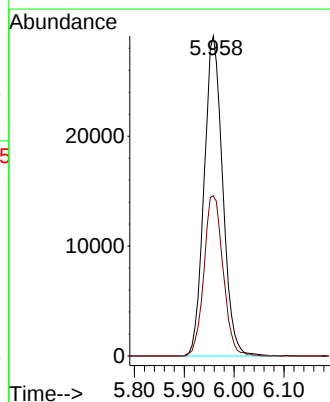
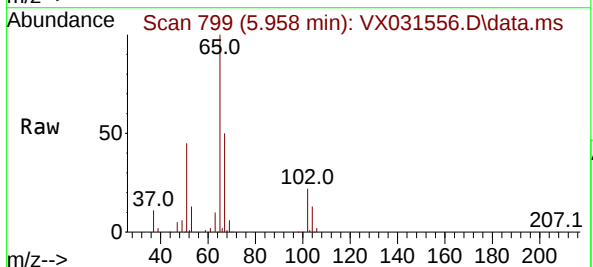
Instrument :
MSVOA_X
ClientSampleId :
MW-9RR

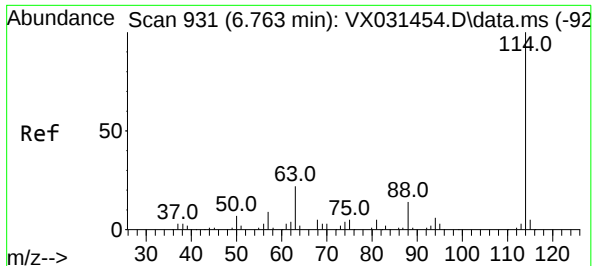
Tgt Ion:168 Resp: 73519
Ion Ratio Lower Upper
168 100
99 51.2 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 55.909 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

Tgt Ion: 65 Resp: 75350
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4

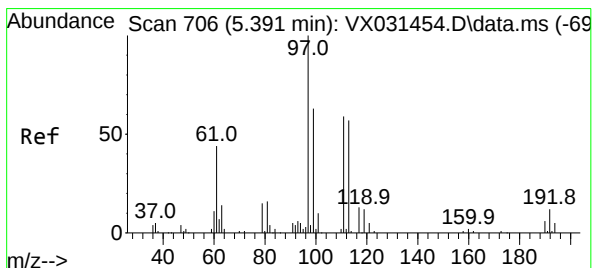
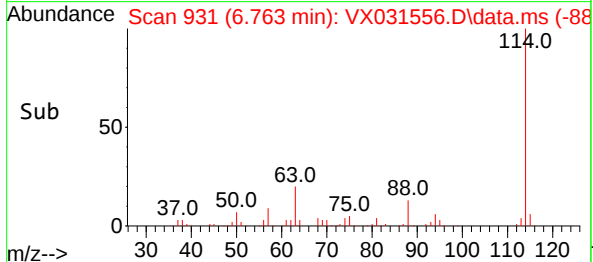
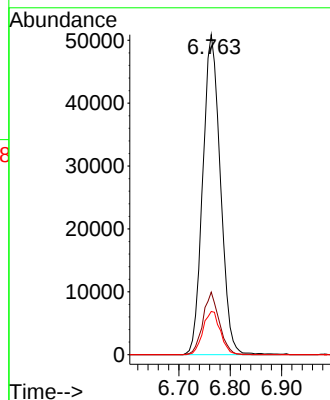
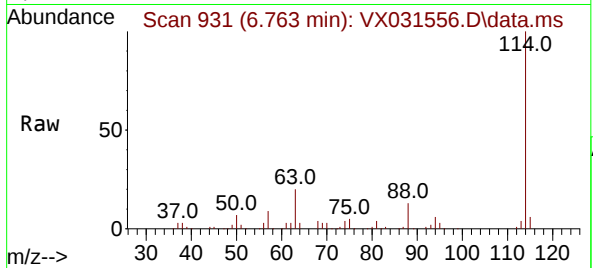




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

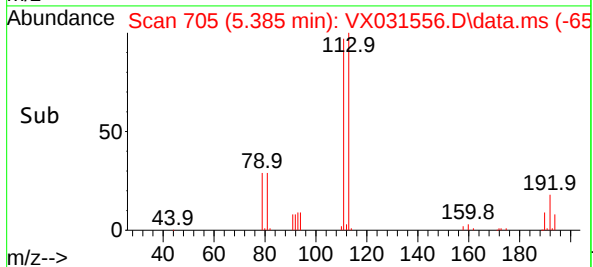
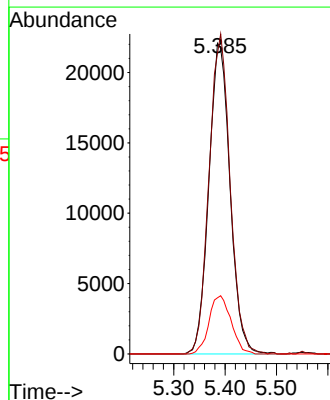
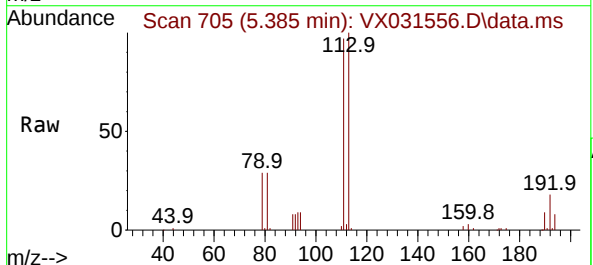
Instrument :
MSVOA_X
ClientSampleId :
MW-9RR

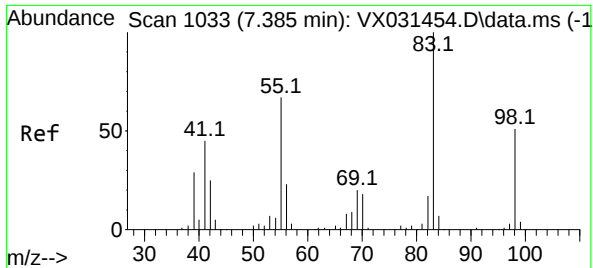
Tgt Ion:114 Resp: 121261
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.6
88 13.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.477 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

Tgt Ion:113 Resp: 63257
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.5 14.1 21.1





#39

Methylcyclohexane

Concen: 0.926 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031556.D

Acq: 22 Sep 2022 07:39

Instrument :

MSVOA_X

ClientSampleId :

MW-9RR

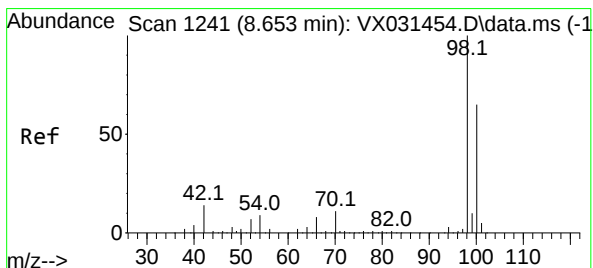
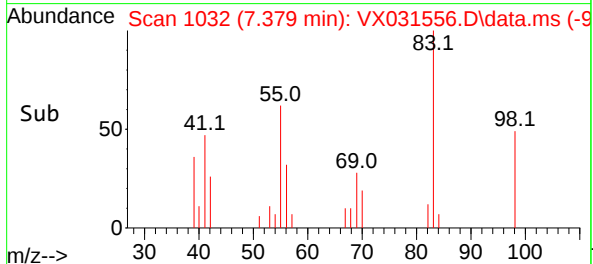
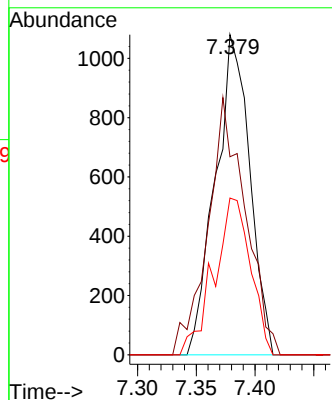
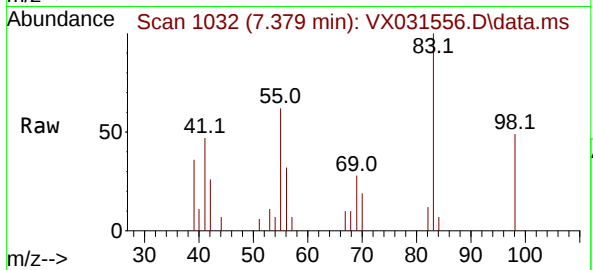
Tgt Ion: 83 Resp: 2197

Ion Ratio Lower Upper

83 100

55 61.9 61.0 91.4

98 49.0 37.7 56.5



#50

Toluene-d8

Concen: 50.772 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031556.D

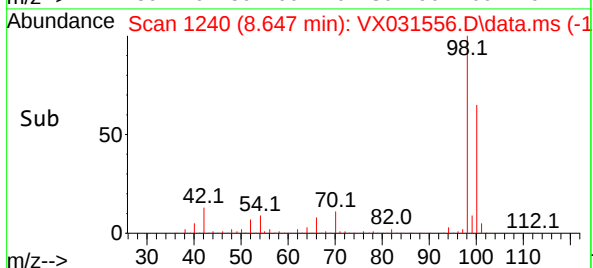
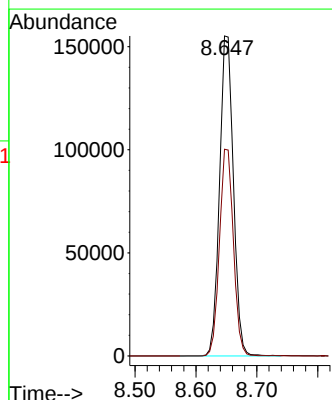
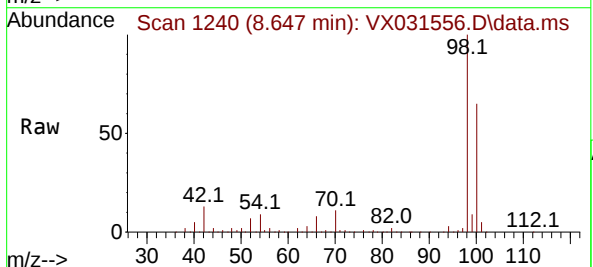
Acq: 22 Sep 2022 07:39

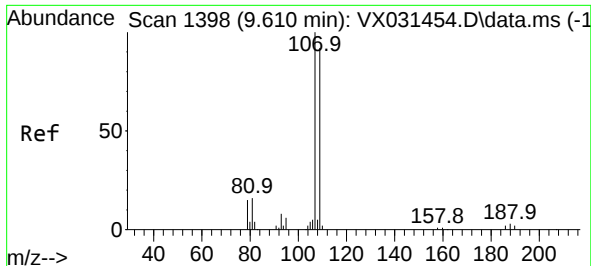
Tgt Ion: 98 Resp: 245287

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7

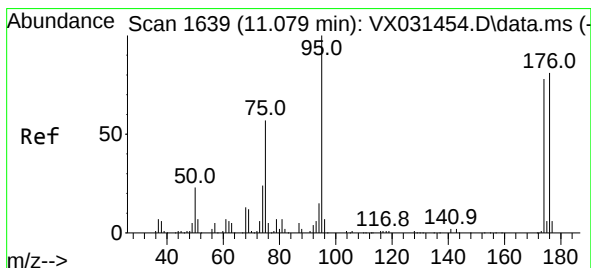
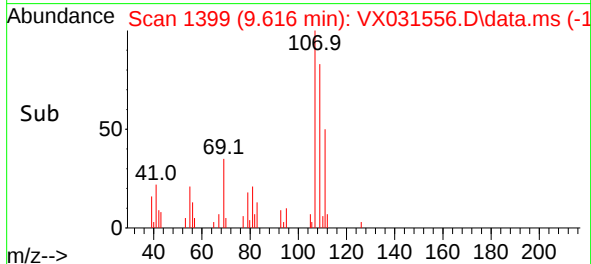
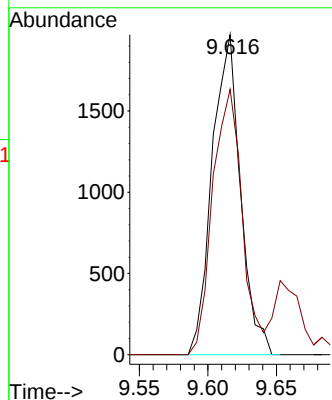
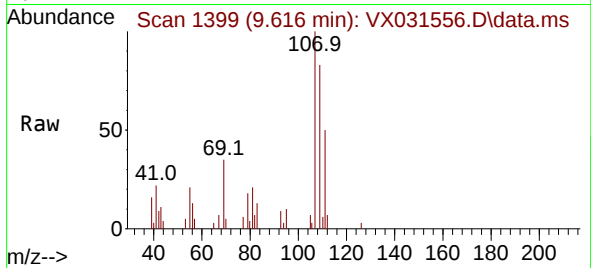




#61
1,2-Dibromoethane
Concen: 1.697 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

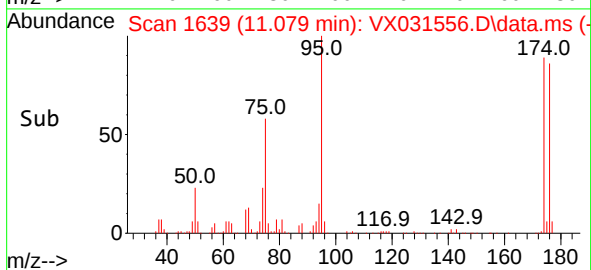
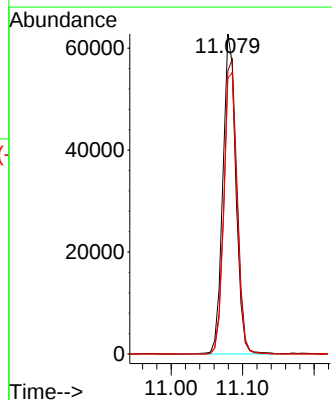
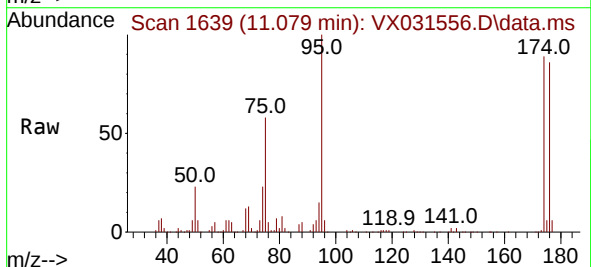
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ClientSampleId :
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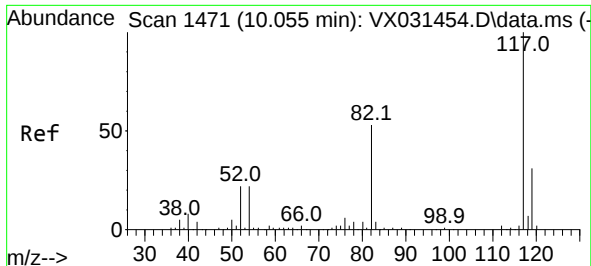
Tgt Ion:107 Resp: 2825
Ion Ratio Lower Upper
107 100
109 86.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

Tgt Ion: 95 Resp: 79658
Ion Ratio Lower Upper
95 100
174 93.4 0.0 153.2
176 88.9 0.0 144.0

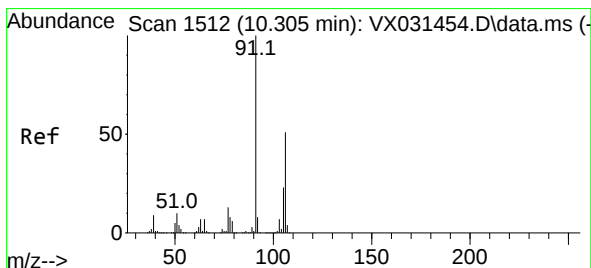
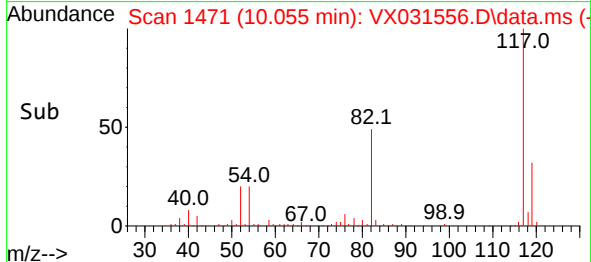
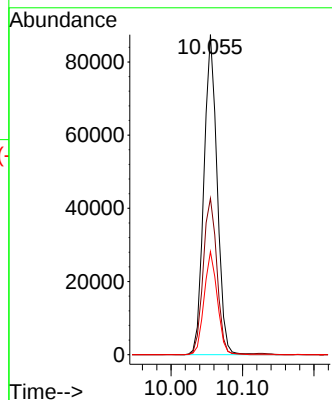
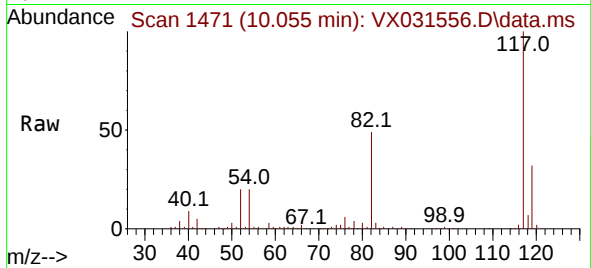




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

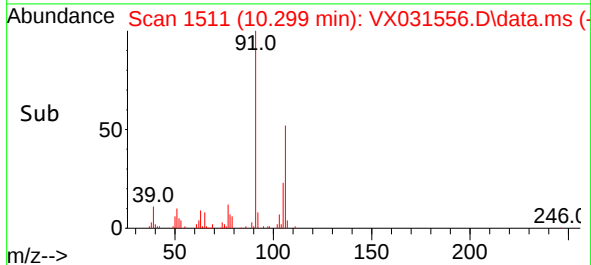
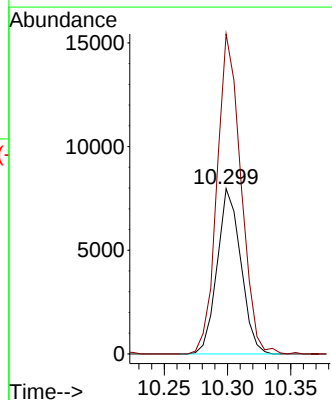
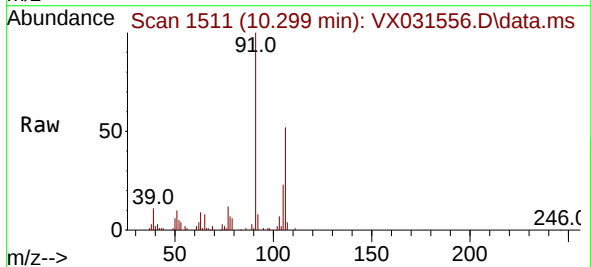
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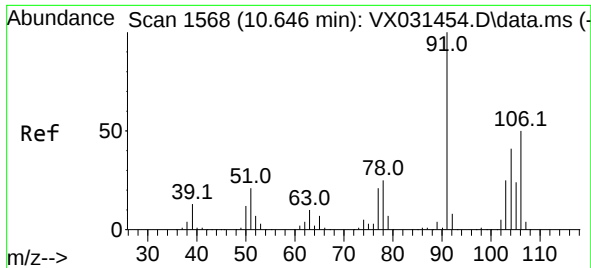
Tgt Ion:117 Resp: 112521
Ion Ratio Lower Upper
117 100
82 48.9 46.8 70.2
119 32.2 26.4 39.6



#68
m/p-Xylenes
Concen: 4.202 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

Tgt Ion:106 Resp: 10346
Ion Ratio Lower Upper
106 100
91 195.9 161.0 241.4

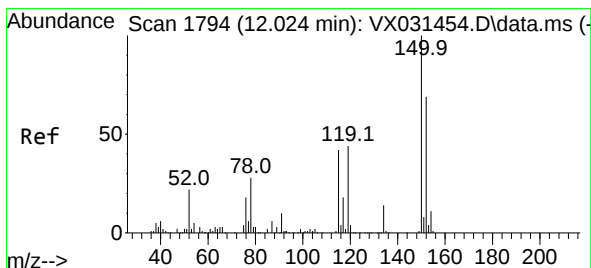
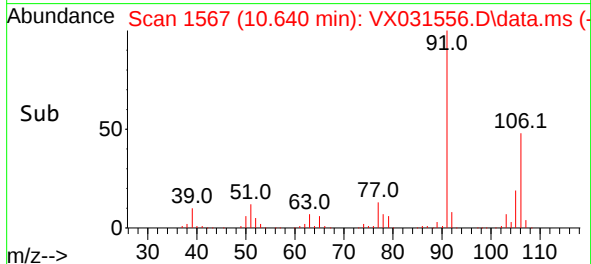
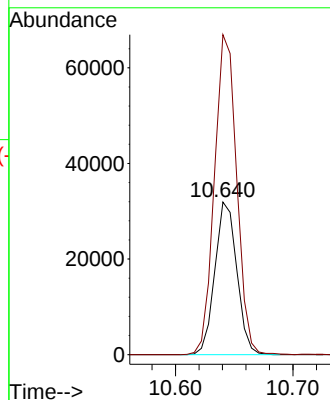
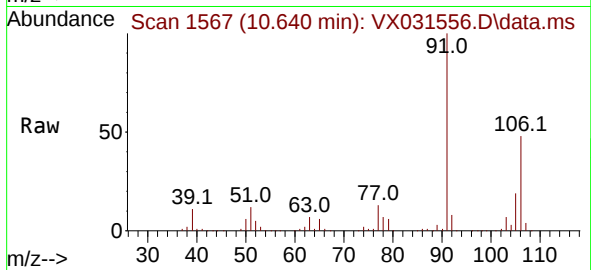




#69
o-Xylene
Concen: 17.651 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

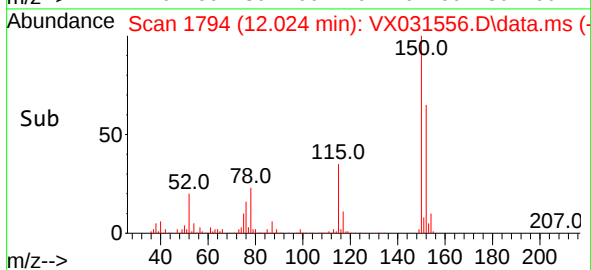
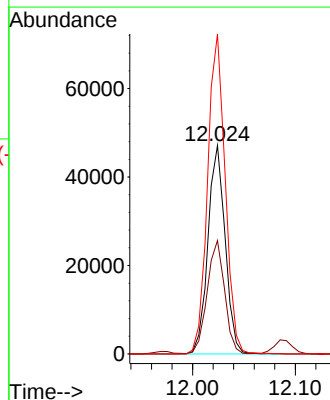
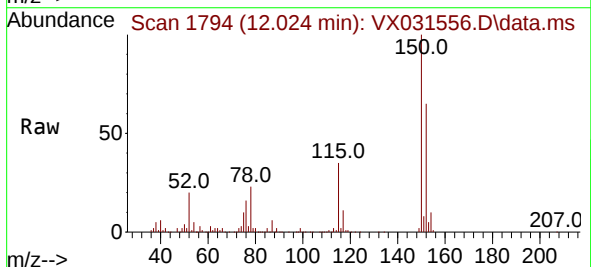
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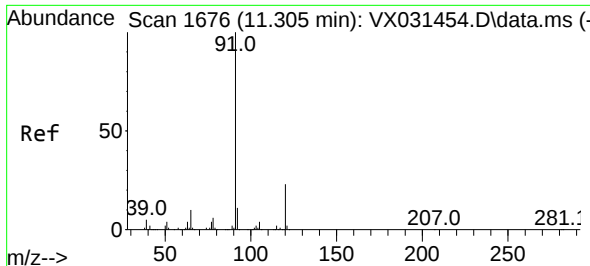
Tgt Ion:106 Resp: 41480
Ion Ratio Lower Upper
106 100
91 212.7 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

Tgt Ion:152 Resp: 55046
Ion Ratio Lower Upper
152 100
115 54.9 43.4 130.1
150 156.7 0.0 346.8

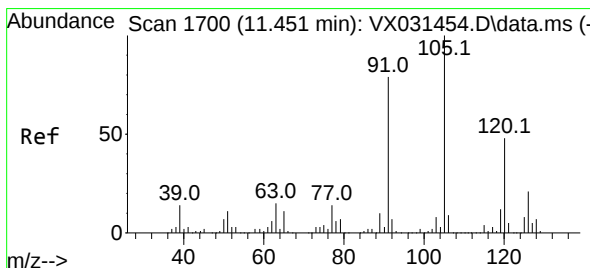
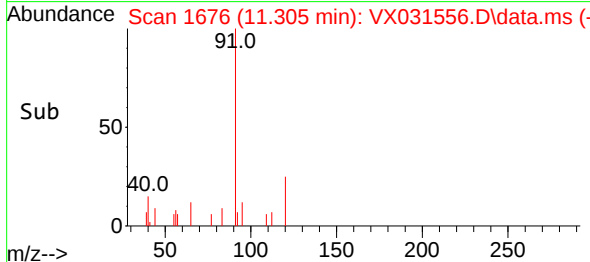
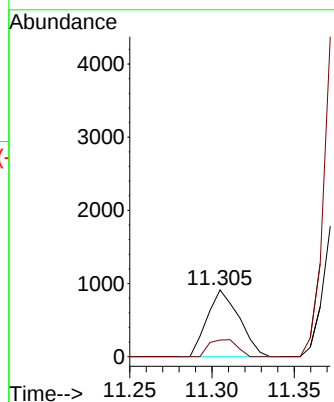
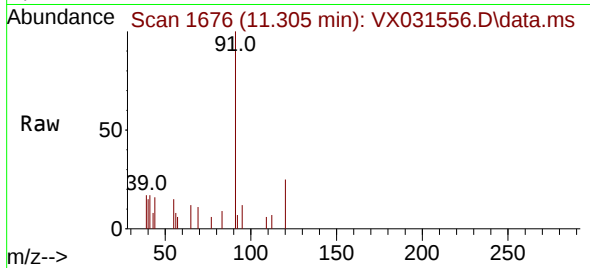




#78
n-propylbenzene
Concen: 0.261 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

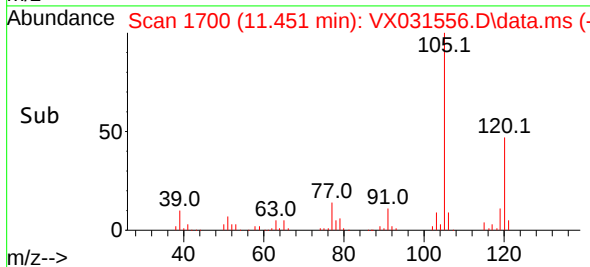
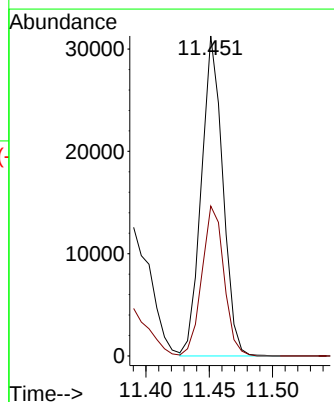
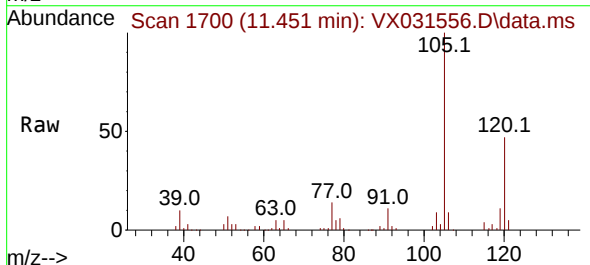
Instrument :
MSVOA_X
ClientSampleId :
MW-9RR

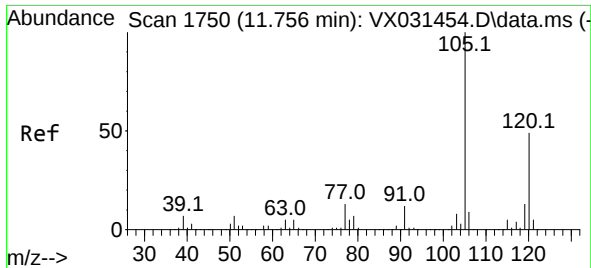
Tgt Ion: 91 Resp: 1234
Ion Ratio Lower Upper
91 100
120 0.0 11.8 35.4#



#80
1,3,5-Trimethylbenzene
Concen: 10.575 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

Tgt Ion: 105 Resp: 36890
Ion Ratio Lower Upper
105 100
120 48.3 24.5 73.5

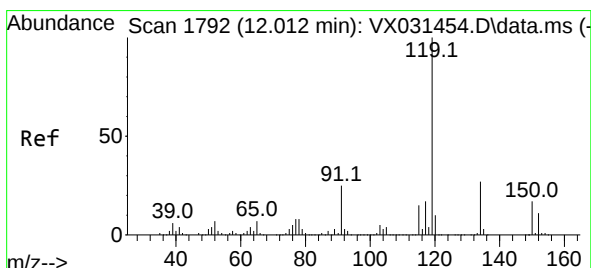
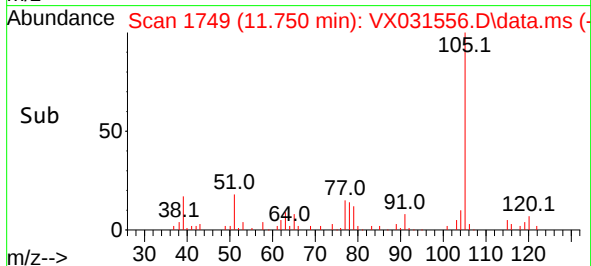
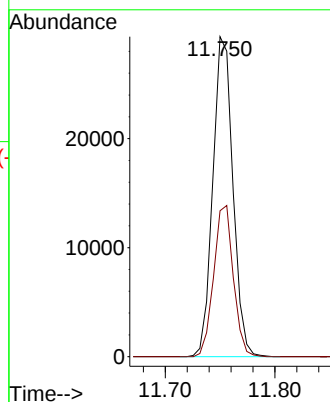
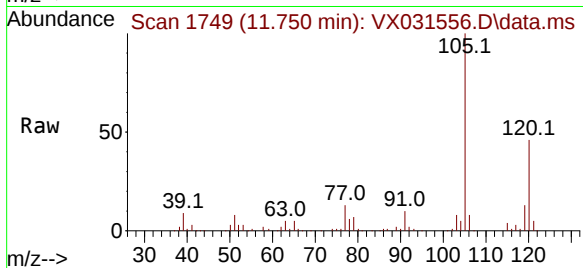




#84
1,2,4-Trimethylbenzene
Concen: 10.854 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

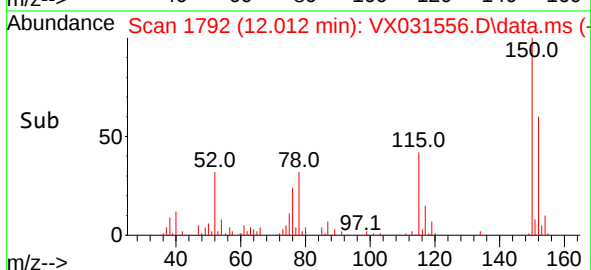
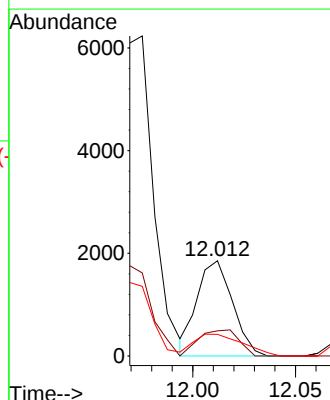
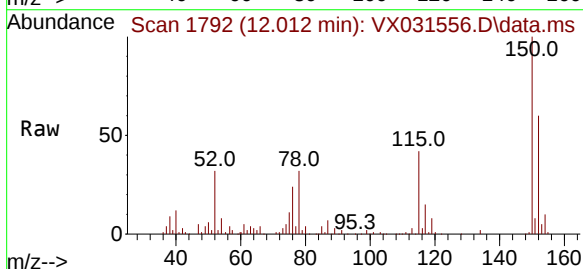
Instrument :
MSVOA_X
ClientSampleId :
MW-9RR

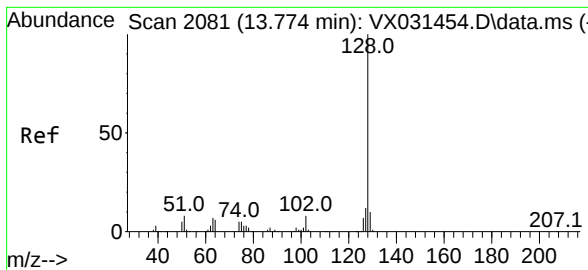
Tgt Ion:105 Resp: 37290
Ion Ratio Lower Upper
105 100
120 46.4 22.6 67.8



#86
p-Isopropyltoluene
Concen: 0.617 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

Tgt Ion:119 Resp: 2230
Ion Ratio Lower Upper
119 100
134 31.1 13.4 40.2
91 31.3 12.4 37.2





#95
Naphthalene
Concen: 5.058 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031556.D
Acq: 22 Sep 2022 07:39

Instrument :
MSVOA_X
ClientSampleId :
MW-9RR

Tgt Ion:128 Resp: 19961
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 13.7 8.8 13.2#

