

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033510.D
 Acq On : 20 Dec 2022 16:03
 Operator : JC/MD
 Sample : N6149-08 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAT-1

Quant Time: Dec 21 04:15:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

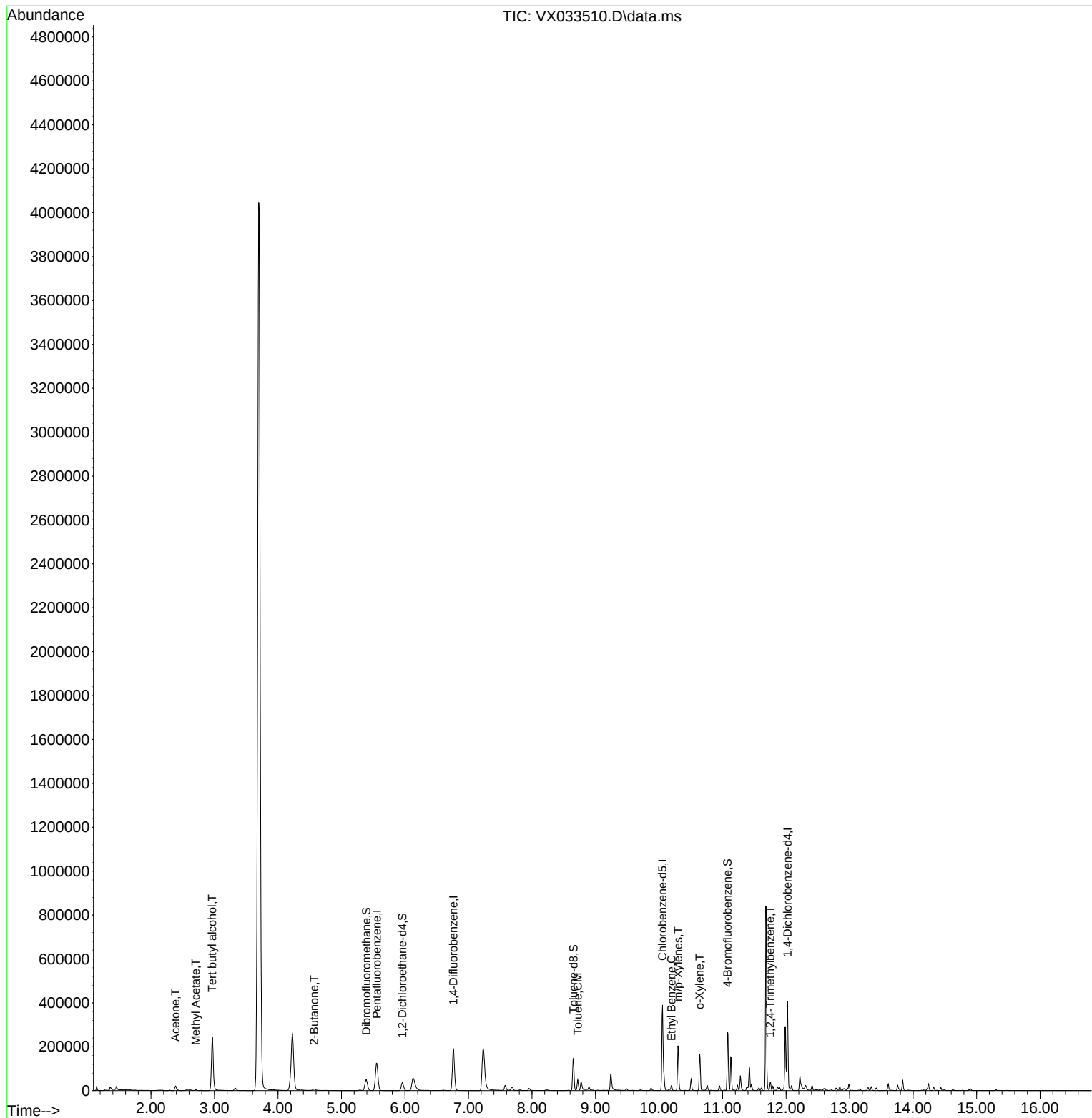
Internal Standards						
1) Pentafluorobenzene	5.556	168	125682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37068	45.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.940%
35) Dibromofluoromethane	5.391	113	45129	49.795	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.580%
50) Toluene-d8	8.653	98	92839	48.967	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.079	95	73673	50.821	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	19377	78.605	ug/l #	63
16) Acetone	2.386	43	24762	41.503	ug/l	97
18) Methyl Acetate	2.703	43	4970	2.878	ug/l	95
25) 2-Butanone	4.568	43	6953	8.119	ug/l	92
52) Toluene	8.720	92	18589	5.581	ug/l	95
67) Ethyl Benzene	10.195	91	12700	2.020	ug/l	99
68) m/p-Xylenes	10.299	106	46813	19.140	ug/l	100
69) o-Xylene	10.640	106	36879	15.254	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	16634	3.151	ug/l	98

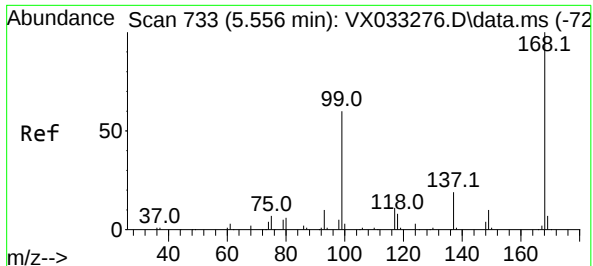
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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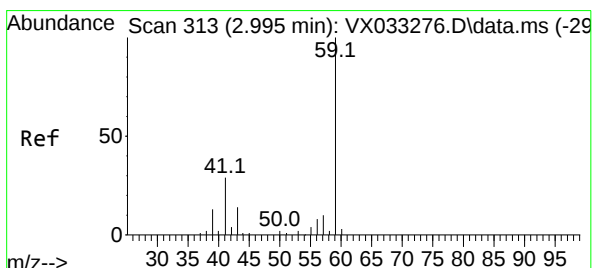
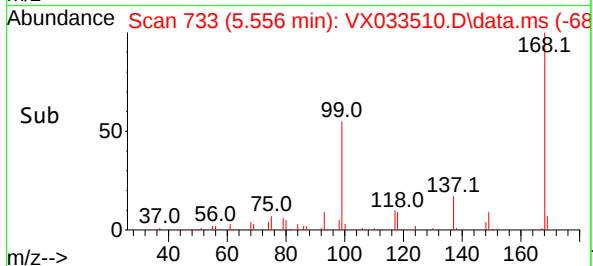
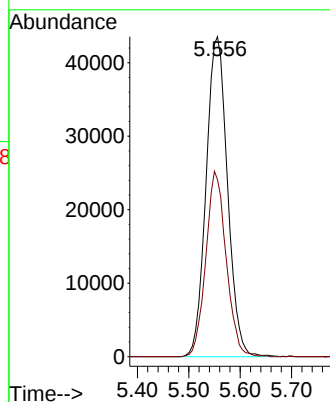
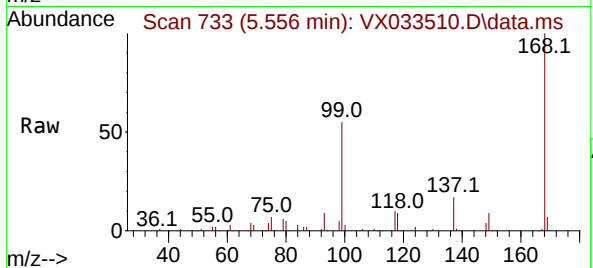




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033510.D
Acq: 20 Dec 2022 16:03

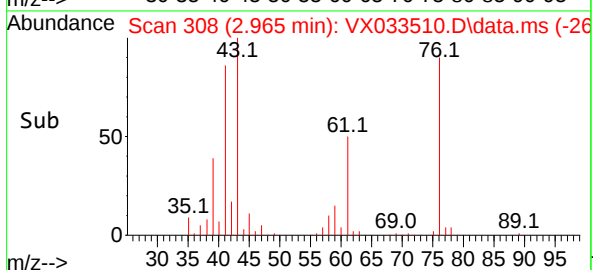
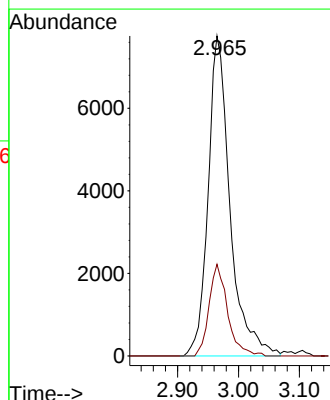
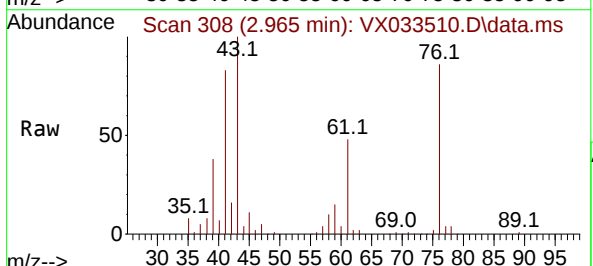
Instrument :
MSVOA_X
ClientSampleId :
PAT-1

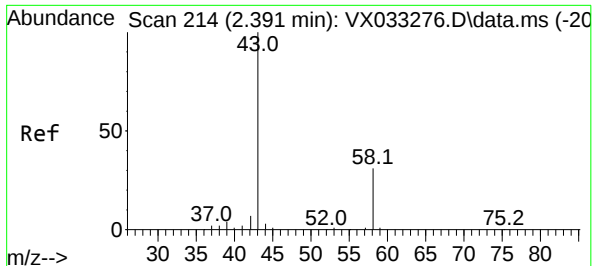
Tgt Ion:168 Resp: 125682
Ion Ratio Lower Upper
168 100
99 55.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 78.605 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.030 min
Lab File: VX033510.D
Acq: 20 Dec 2022 16:03

Tgt Ion: 59 Resp: 19377
Ion Ratio Lower Upper
59 100
57 24.3 8.2 12.4#

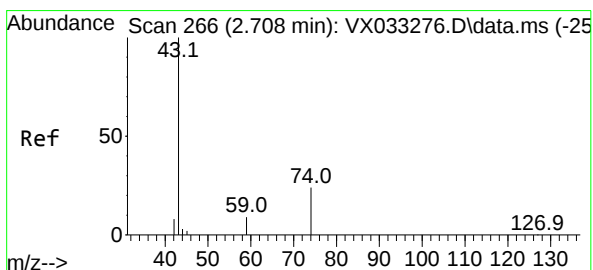
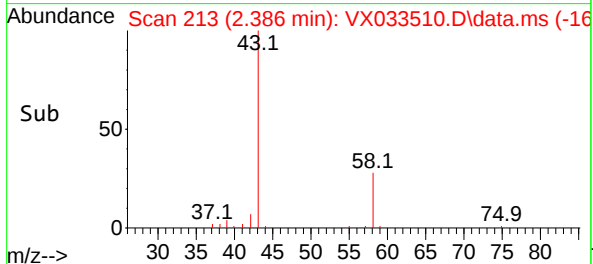
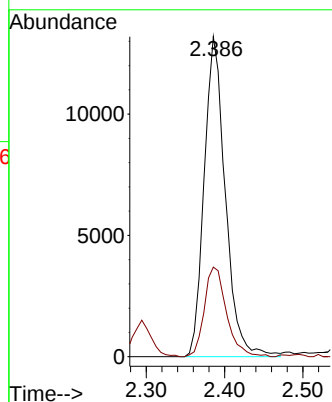
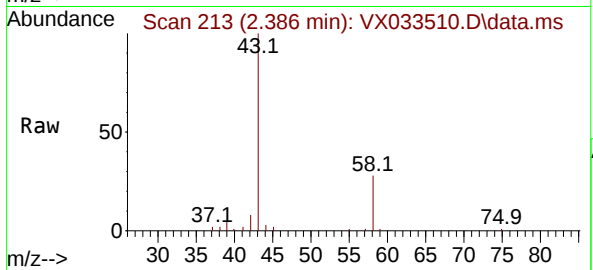




#16
Acetone
Concen: 41.503 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033510.D
Acq: 20 Dec 2022 16:03

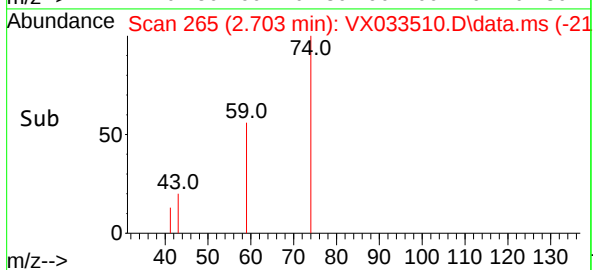
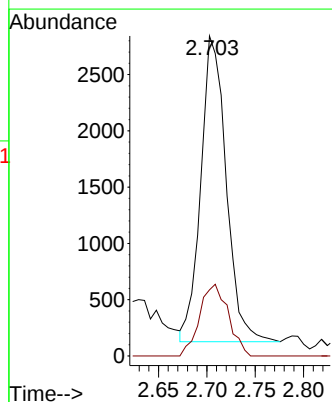
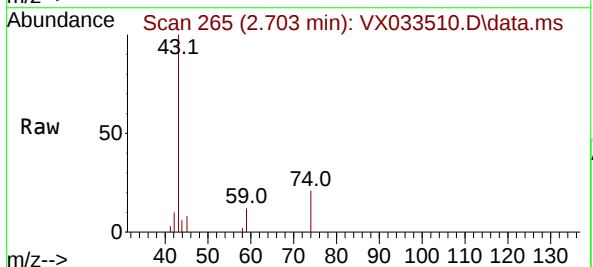
Instrument :
MSVOA_X
ClientSampleId :
PAT-1

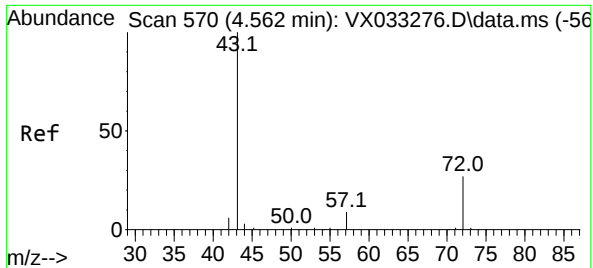
Tgt Ion: 43 Resp: 24762
Ion Ratio Lower Upper
43 100
58 28.0 23.8 35.8



#18
Methyl Acetate
Concen: 2.878 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033510.D
Acq: 20 Dec 2022 16:03

Tgt Ion: 43 Resp: 4970
Ion Ratio Lower Upper
43 100
74 26.4 19.4 29.0





#25

2-Butanone

Concen: 8.119 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033510.D

Acq: 20 Dec 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

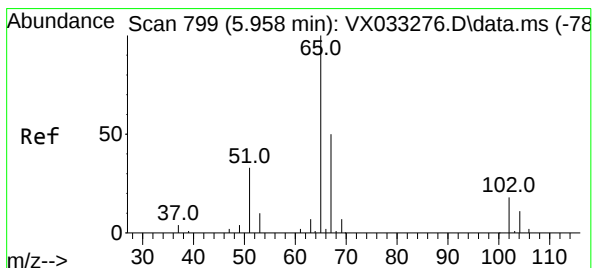
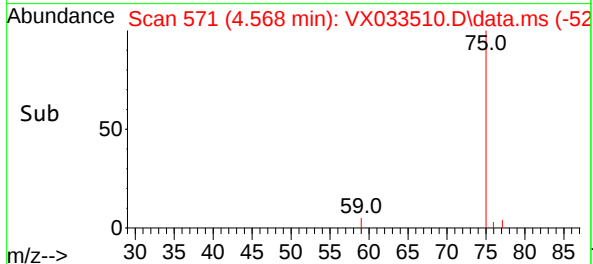
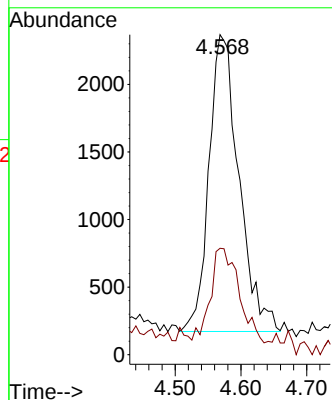
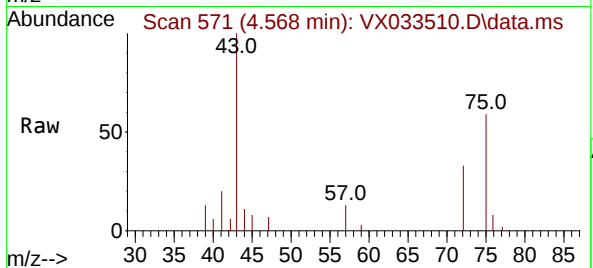
PAT-1

Tgt Ion: 43 Resp: 6953

Ion Ratio Lower Upper

43 100

72 31.9 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 45.973 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033510.D

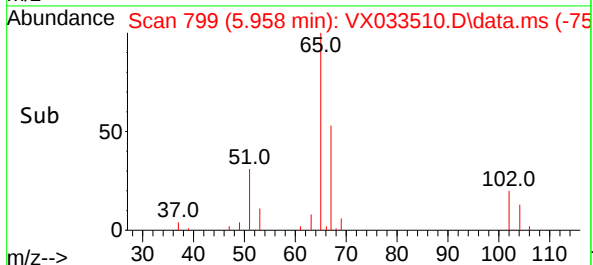
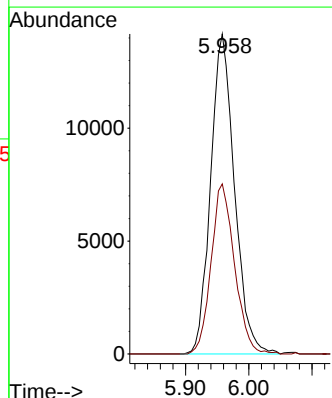
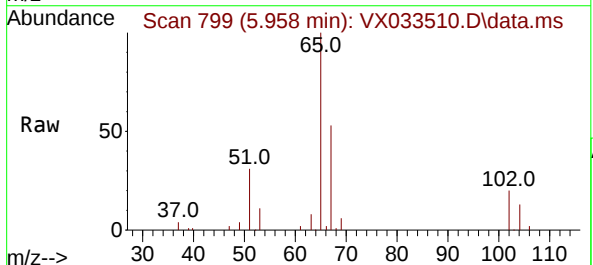
Acq: 20 Dec 2022 16:03

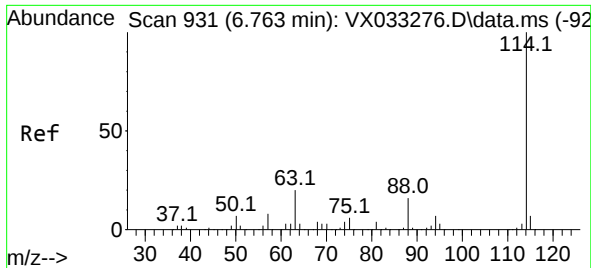
Tgt Ion: 65 Resp: 37068

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8

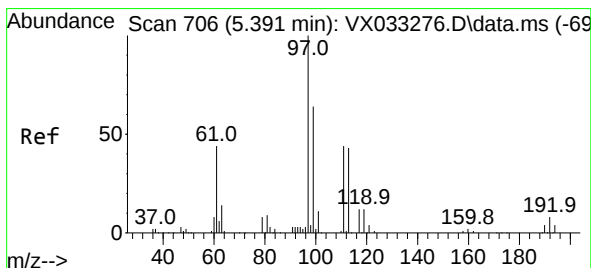
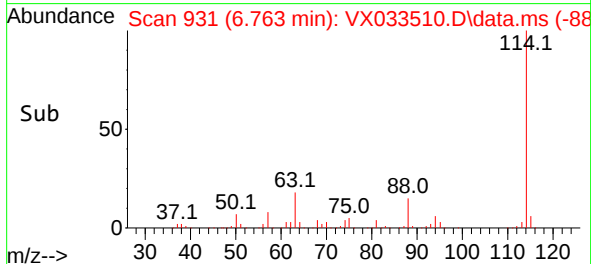
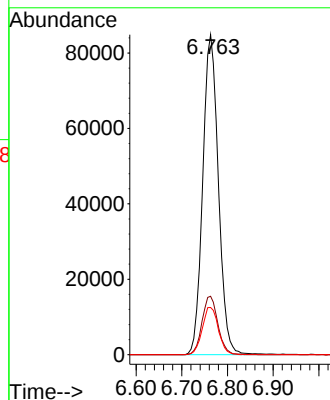
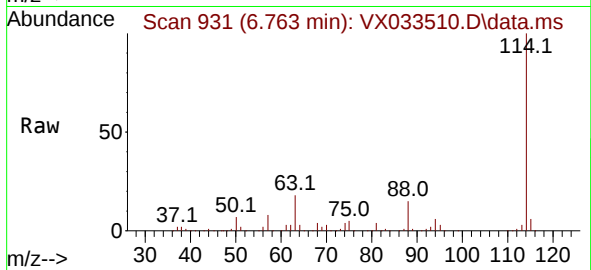




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033510.D
Acq: 20 Dec 2022 16:03

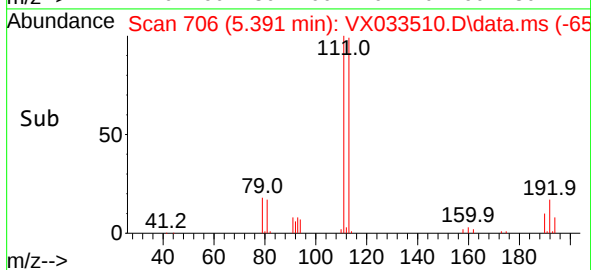
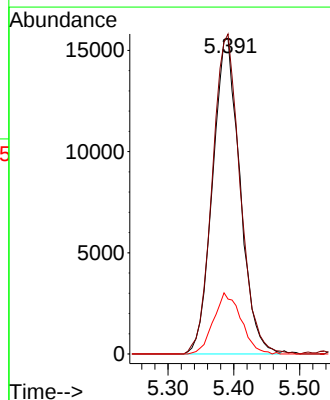
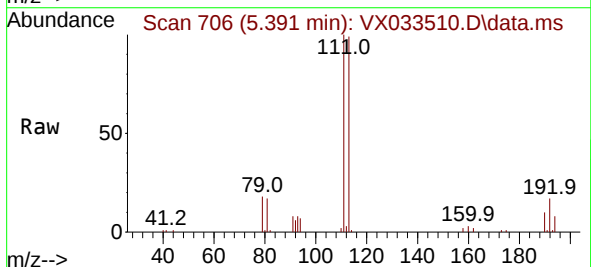
Instrument :
MSVOA_X
ClientSampleId :
PAT-1

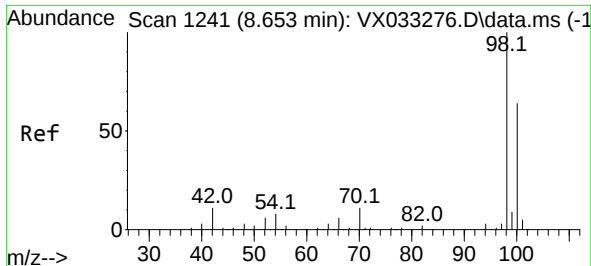
Tgt Ion:114 Resp: 201499
Ion Ratio Lower Upper
114 100
63 18.2 0.0 41.6
88 14.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.795 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033510.D
Acq: 20 Dec 2022 16:03

Tgt Ion:113 Resp: 45129
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.5 15.4 23.2

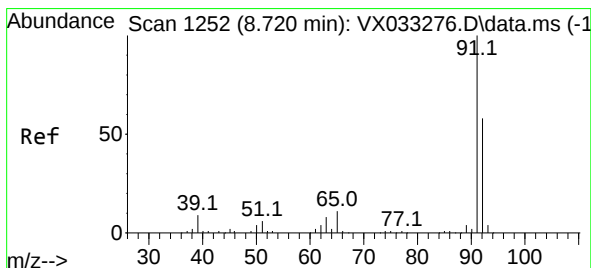
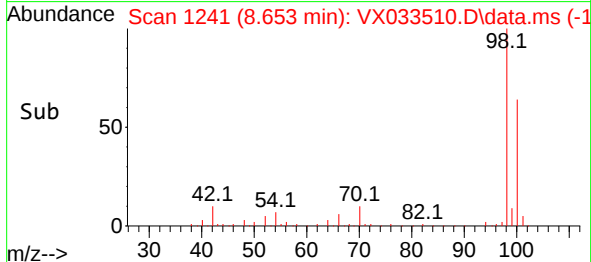
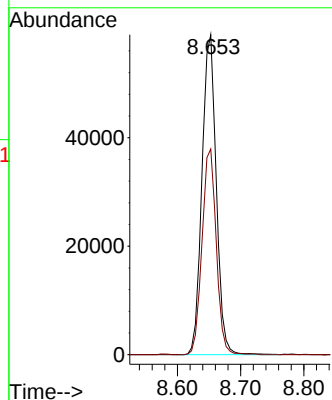
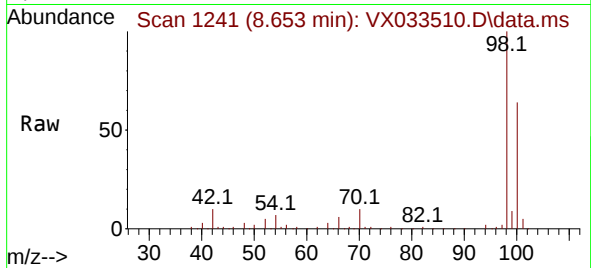




#50
Toluene-d8
Concen: 48.967 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033510.D
Acq: 20 Dec 2022 16:03

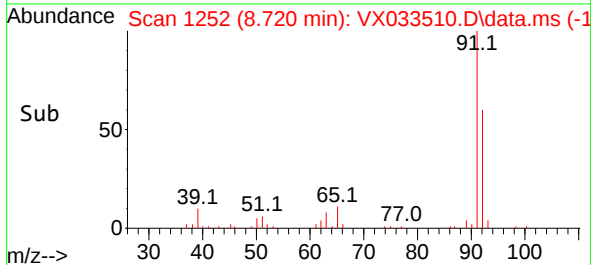
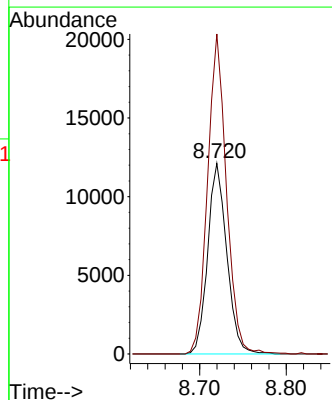
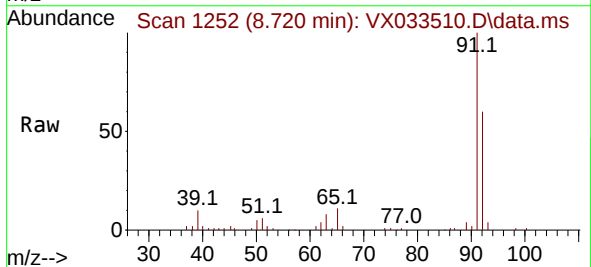
Instrument :
MSVOA_X
ClientSampleId :
PAT-1

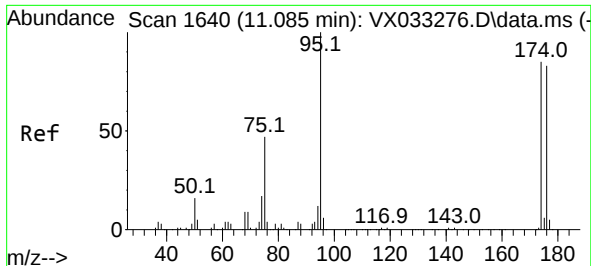
Tgt Ion: 98 Resp: 92839
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#52
Toluene
Concen: 5.581 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033510.D
Acq: 20 Dec 2022 16:03

Tgt Ion: 92 Resp: 18589
Ion Ratio Lower Upper
92 100
91 165.4 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 50.821 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033510.D

Acq: 20 Dec 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

PAT-1

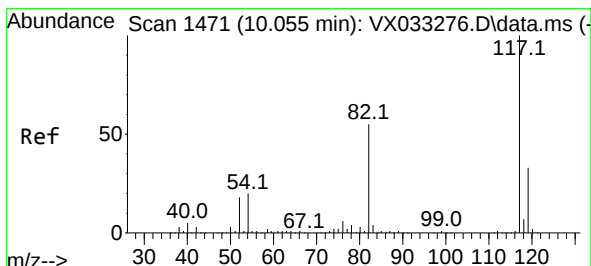
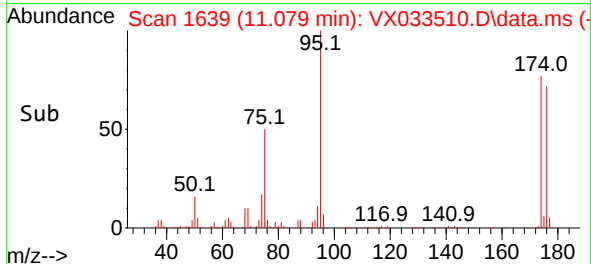
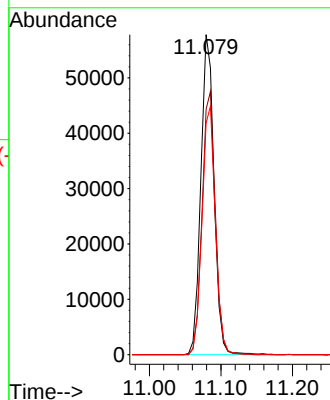
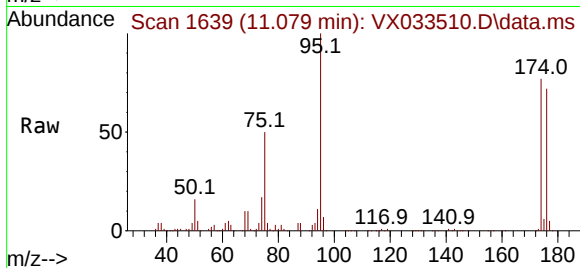
Tgt Ion: 95 Resp: 73673

Ion Ratio Lower Upper

95 100

174 82.9 0.0 164.0

176 78.7 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033510.D

Acq: 20 Dec 2022 16:03

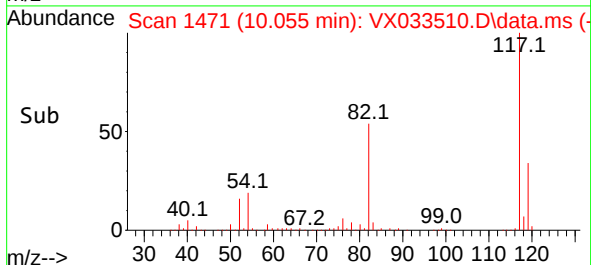
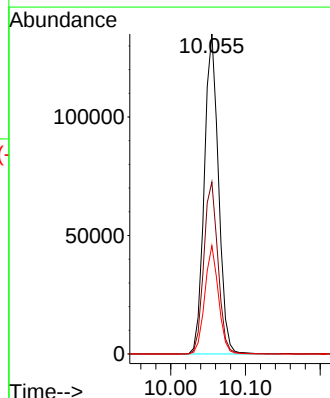
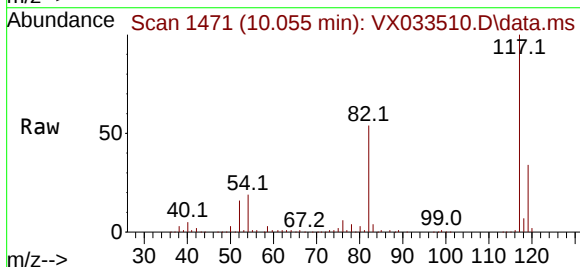
Tgt Ion: 117 Resp: 178195

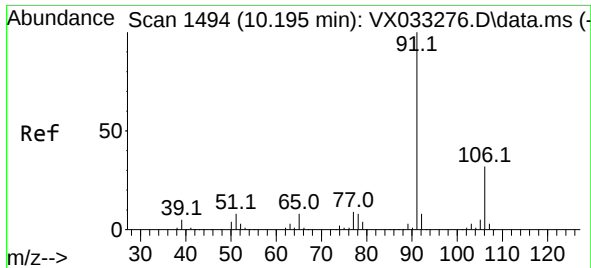
Ion Ratio Lower Upper

117 100

82 53.7 44.3 66.5

119 33.8 25.7 38.5

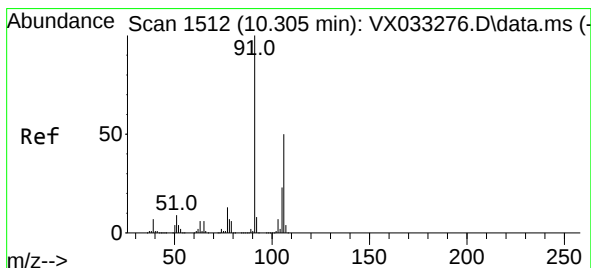
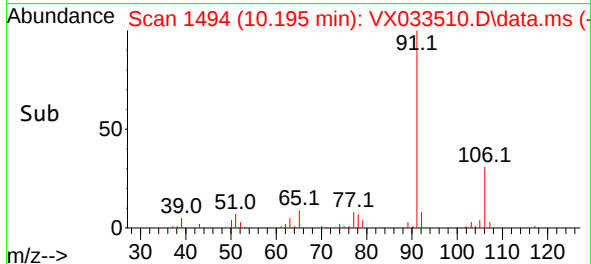
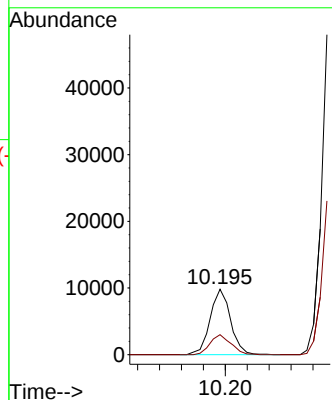
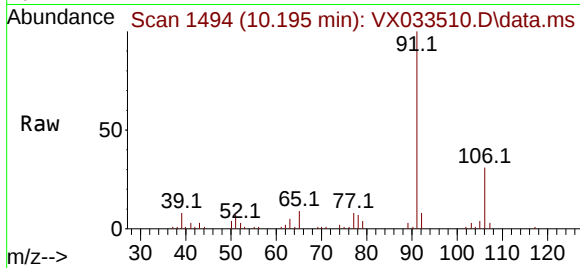




#67
Ethyl Benzene
Concen: 2.020 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033510.D
Acq: 20 Dec 2022 16:03

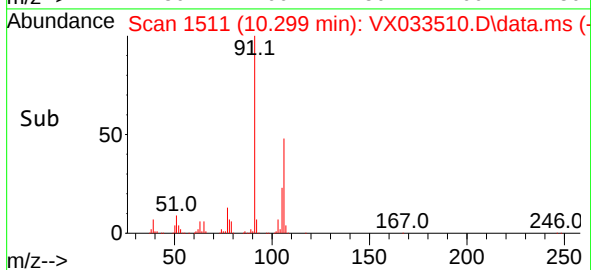
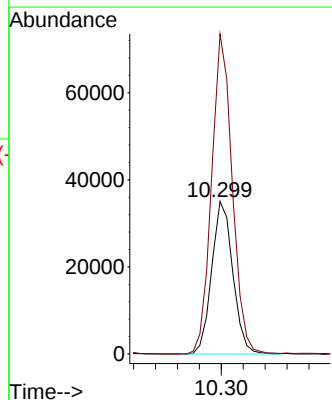
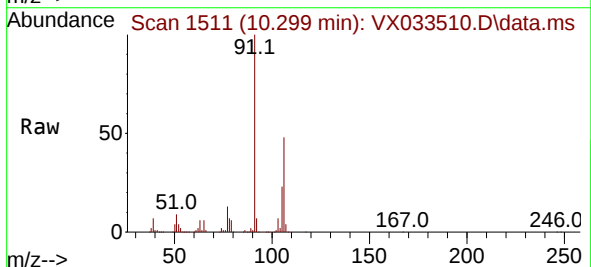
Instrument :
MSVOA_X
ClientSampleId :
PAT-1

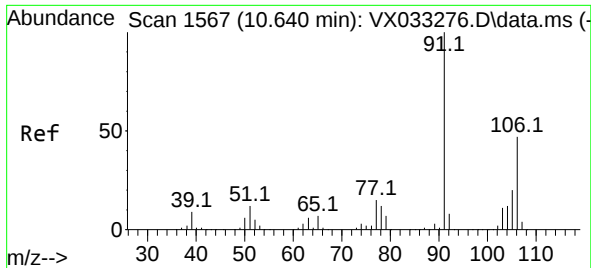
Tgt Ion: 91 Resp: 12700
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



#68
m/p-Xylenes
Concen: 19.140 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033510.D
Acq: 20 Dec 2022 16:03

Tgt Ion: 106 Resp: 46813
Ion Ratio Lower Upper
106 100
91 206.0 164.5 246.7

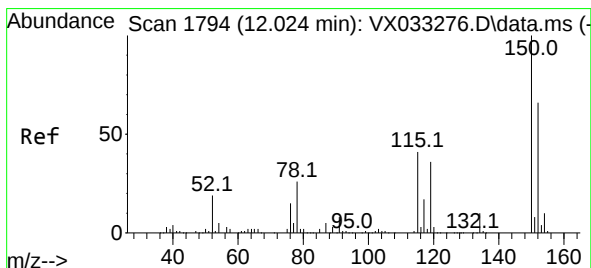
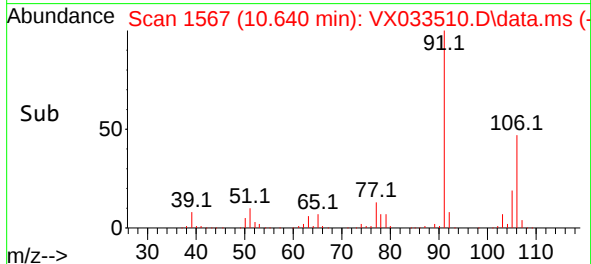
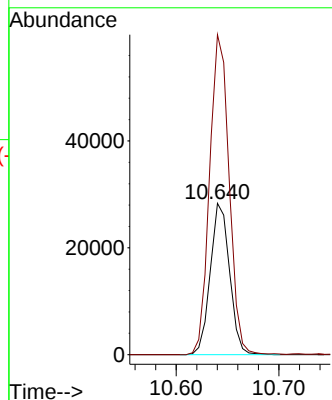
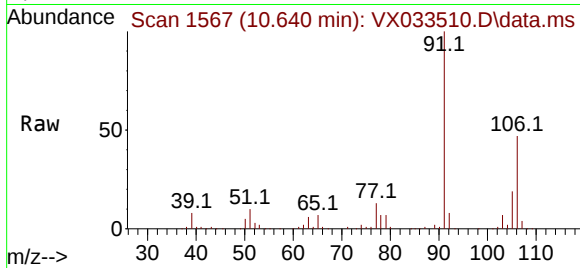




#69
o-Xylene
Concen: 15.254 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033510.D
Acq: 20 Dec 2022 16:03

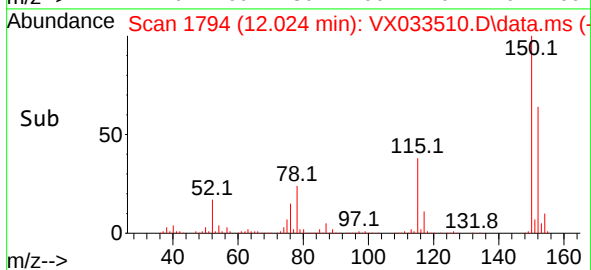
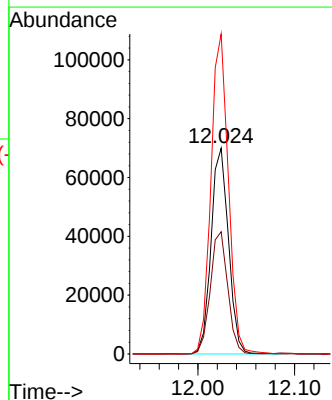
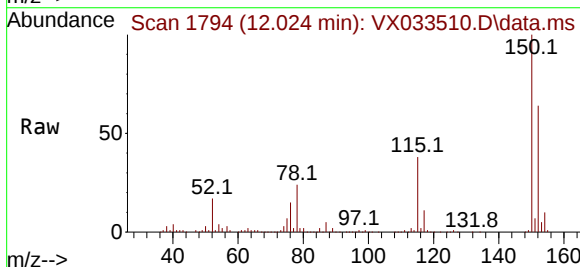
Instrument :
MSVOA_X
ClientSampleId :
PAT-1

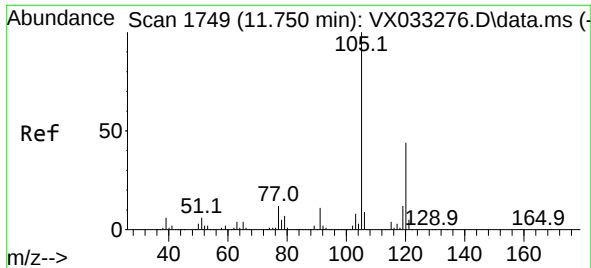
Tgt Ion:106 Resp: 36879
Ion Ratio Lower Upper
106 100
91 214.4 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033510.D
Acq: 20 Dec 2022 16:03

Tgt Ion:152 Resp: 87640
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 155.7 0.0 351.8





#84

1,2,4-Trimethylbenzene

Concen: 3.151 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033510.D

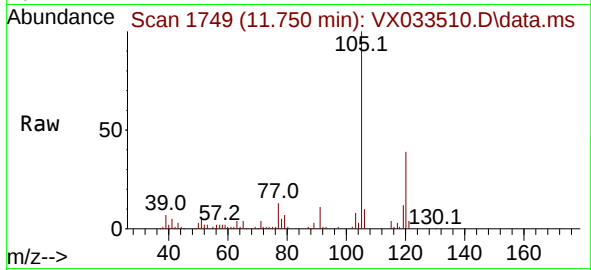
Acq: 20 Dec 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

PAT-1



Tgt Ion:105 Resp: 16634

Ion Ratio Lower Upper

105 100

120 42.1 21.9 65.5

