

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037350.D
 Acq On : 29 Aug 2023 18:30
 Operator : JC/MD
 Sample : 04110-14
 Misc : 4.78g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-21(3-4)

Quant Time: Aug 30 02:09:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	139798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88271	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81714	40.544	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.080%
35) Dibromofluoromethane	5.385	113	65275	43.949	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.900%
50) Toluene-d8	8.647	98	262456	48.716	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	11.085	95	92746	43.806	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.620%

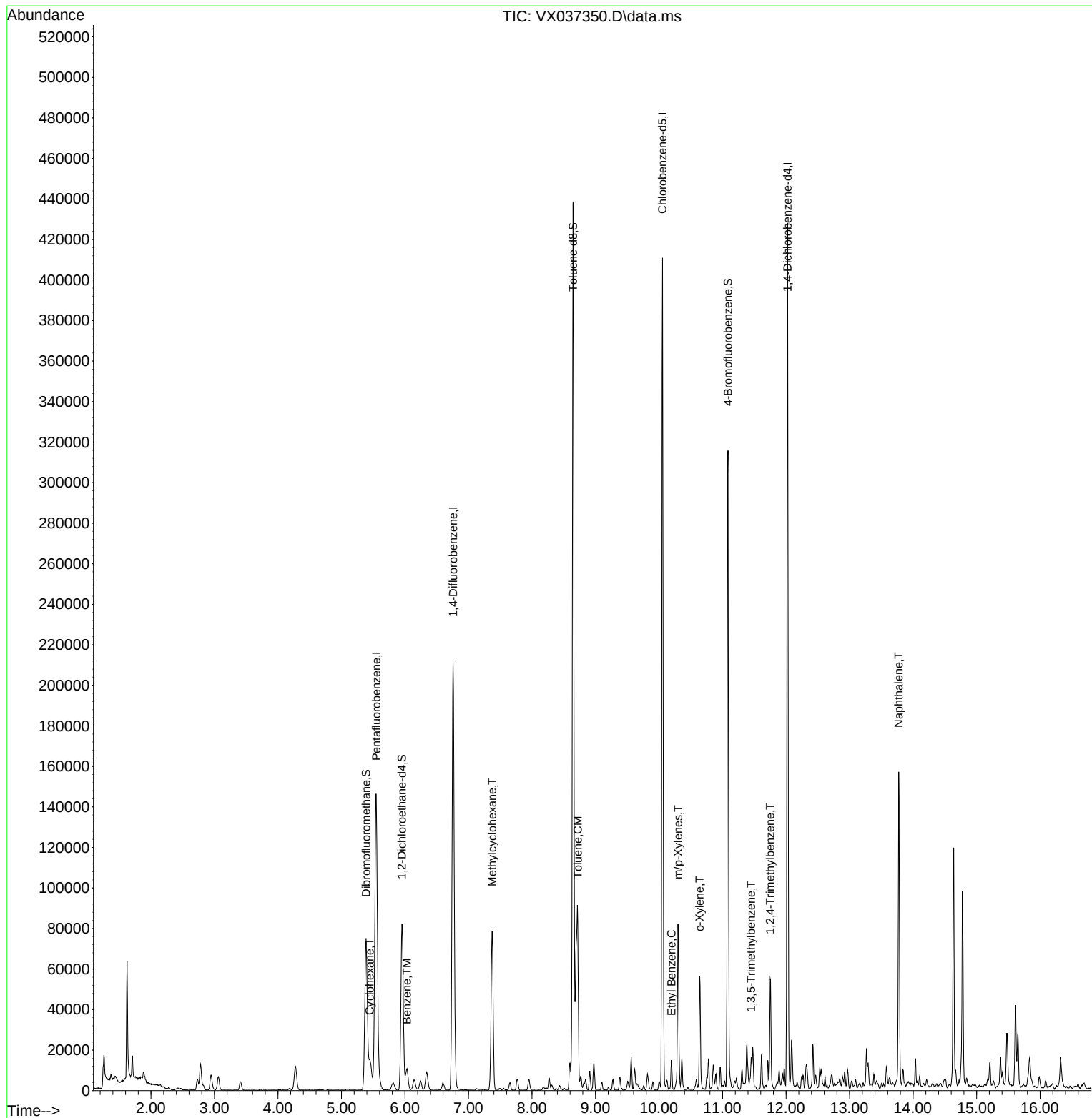
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.446	56	9490	4.188	ug/l	93
39) Methylcyclohexane	7.372	83	38211	17.236	ug/l	88
40) Benzene	6.031	78	12820	2.118	ug/l	100
52) Toluene	8.720	92	28862	7.218	ug/l	97
67) Ethyl Benzene	10.195	91	8731	1.219	ug/l	99
68) m/p-Xylenes	10.299	106	19019	6.875	ug/l	100
69) o-Xylene	10.640	106	12628	4.627	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	6507	1.216	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	25226	4.664	ug/l	96
95) Naphthalene	13.774	128	98297	13.350	ug/l	99

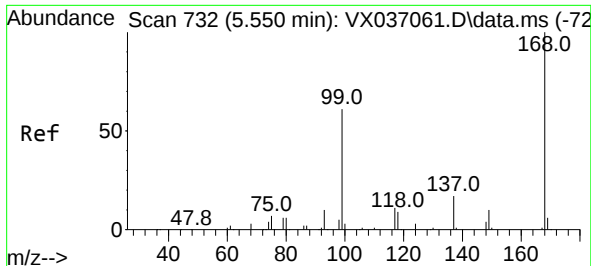
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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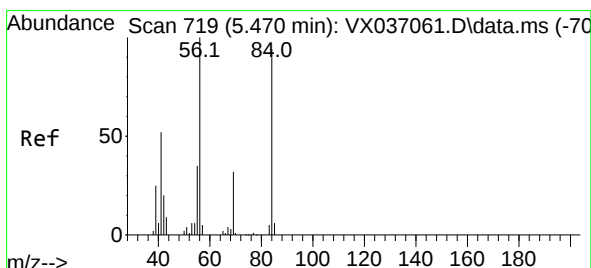
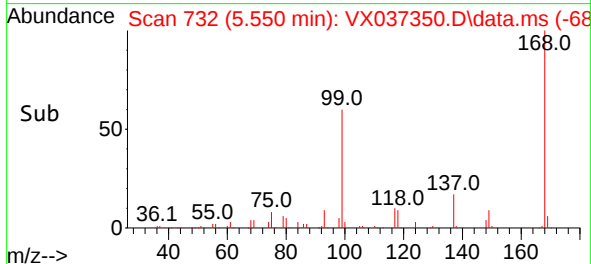
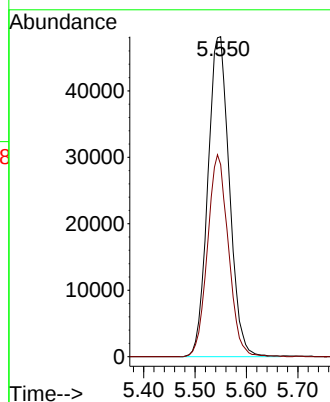
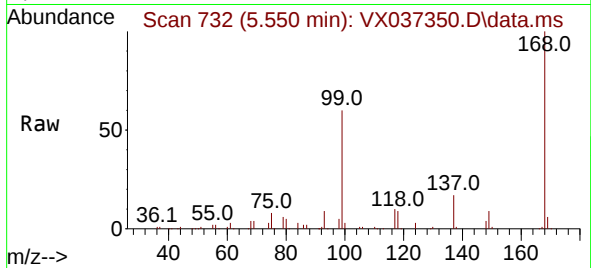




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 715
Delta R.T. -0.000 min
Lab File: VX037350.D
Acq: 29 Aug 2023 18:30

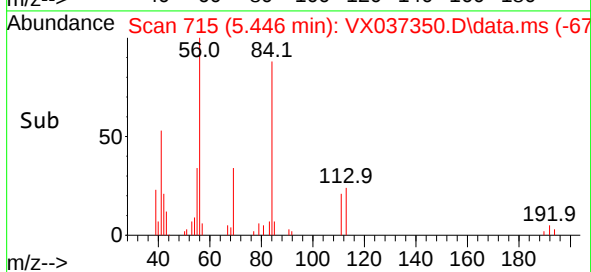
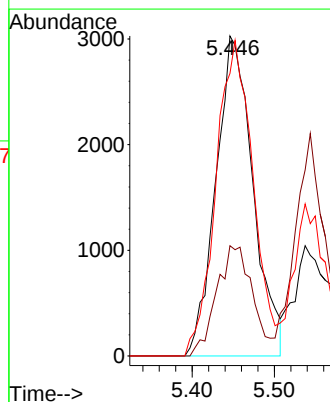
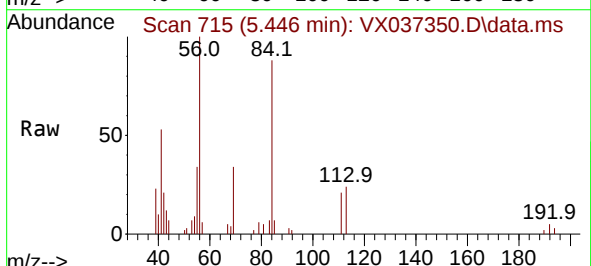
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

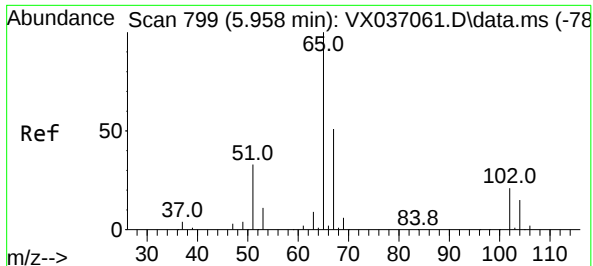
Tgt Ion:168 Resp: 139798
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#31
Cyclohexane
Concen: 4.188 ug/l
RT: 5.446 min Scan# 715
Delta R.T. -0.024 min
Lab File: VX037350.D
Acq: 29 Aug 2023 18:30

Tgt Ion: 56 Resp: 9490
Ion Ratio Lower Upper
56 100
69 34.4 23.4 35.2
84 88.3 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 40.544 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037350.D

Acq: 29 Aug 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

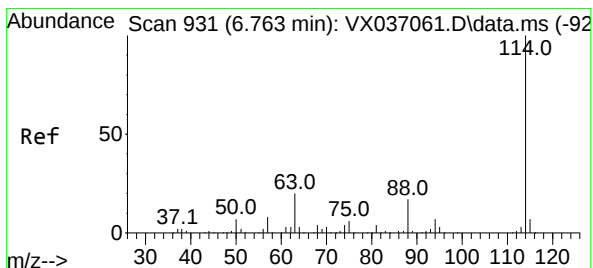
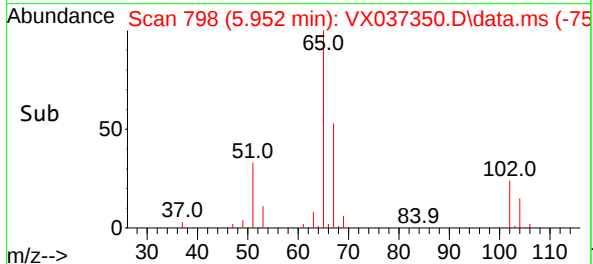
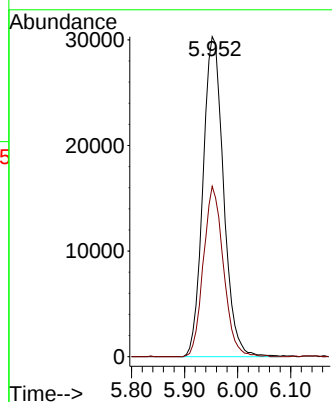
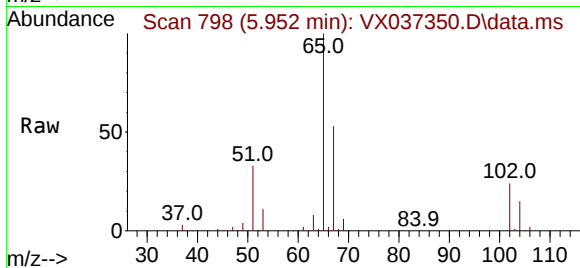
TP-21(3-4)

Tgt Ion: 65 Resp: 81714

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037350.D

Acq: 29 Aug 2023 18:30

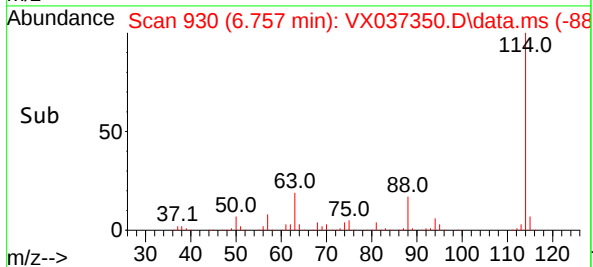
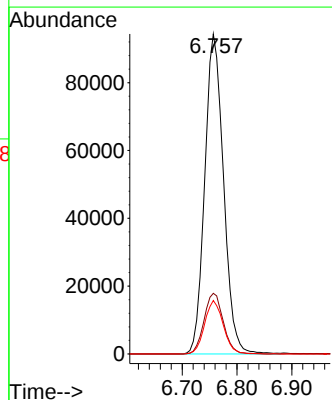
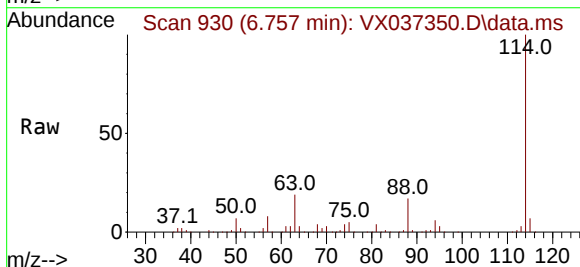
Tgt Ion: 114 Resp: 224262

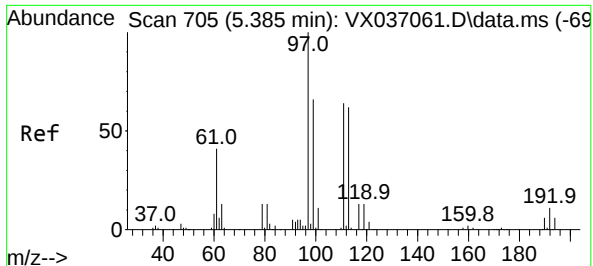
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.949 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037350.D

Acq: 29 Aug 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

TP-21(3-4)

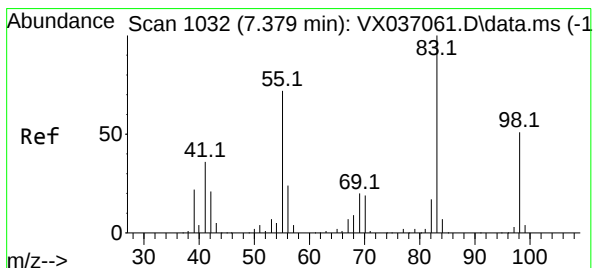
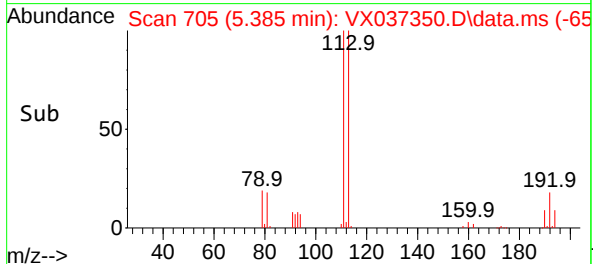
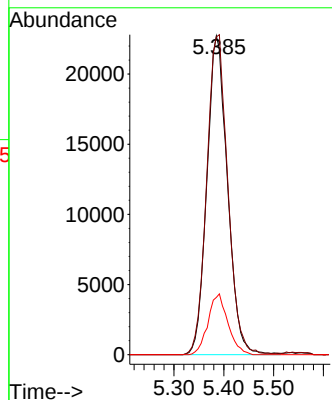
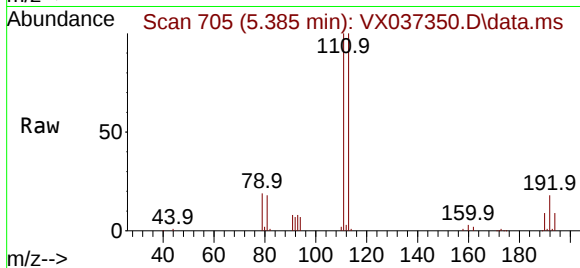
Tgt Ion:113 Resp: 65275

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 18.4 13.3 19.9



#39

Methylcyclohexane

Concen: 17.236 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX037350.D

Acq: 29 Aug 2023 18:30

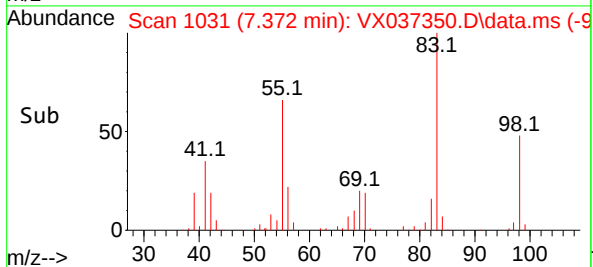
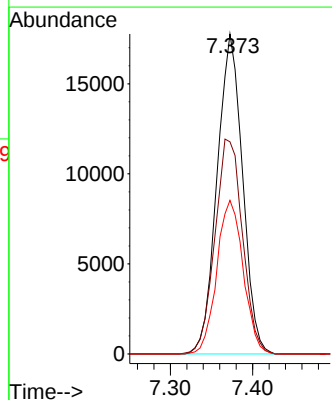
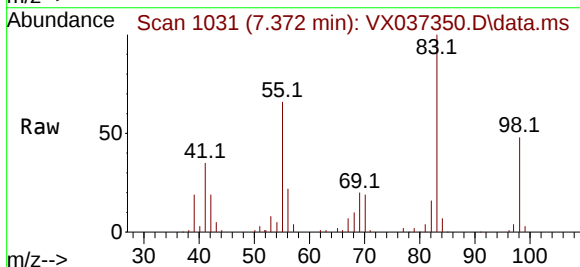
Tgt Ion: 83 Resp: 38211

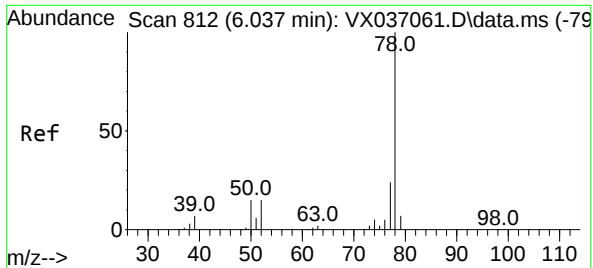
Ion Ratio Lower Upper

83 100

55 66.3 64.6 97.0

98 48.0 36.7 55.1

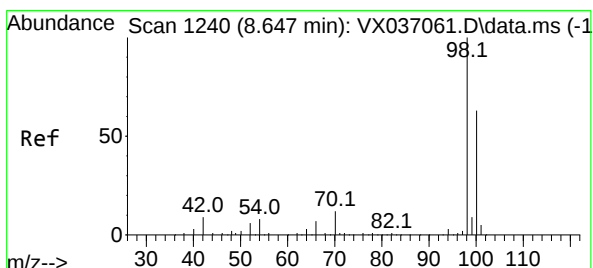
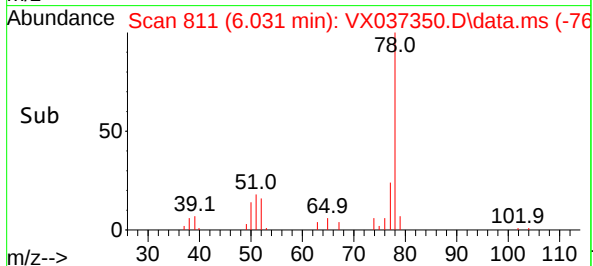
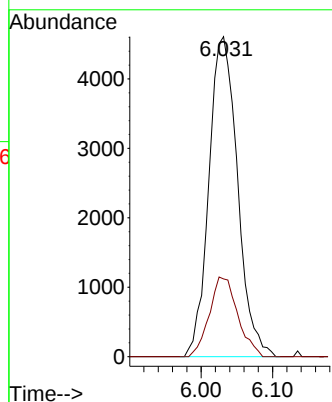
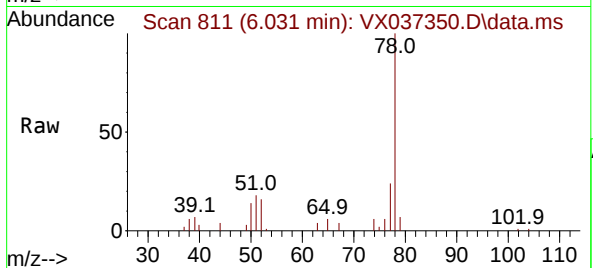




#40
Benzene
Concen: 2.118 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX037350.D
Acq: 29 Aug 2023 18:30

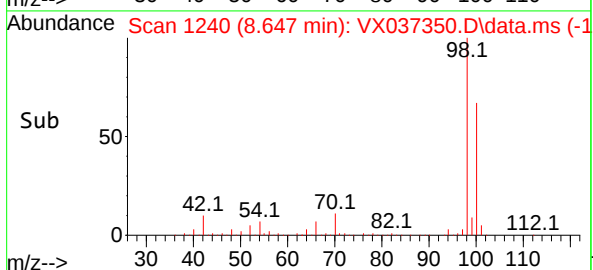
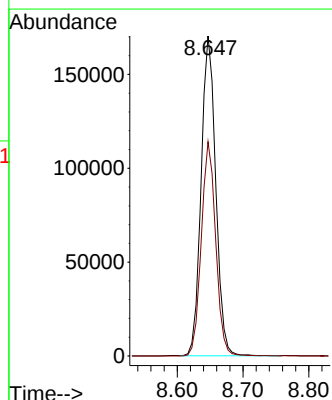
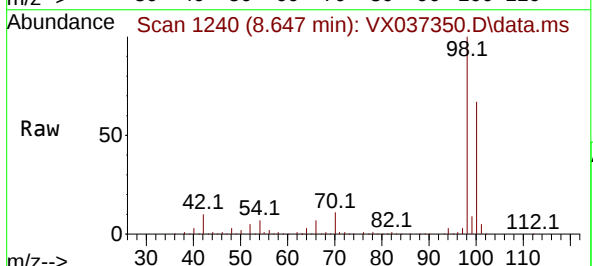
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

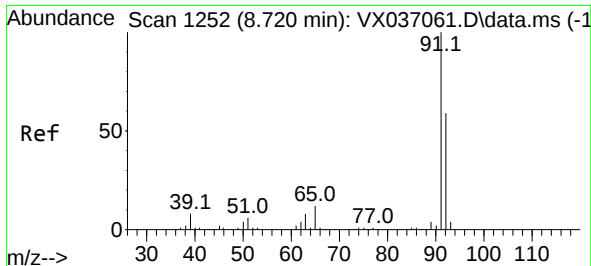
Tgt Ion: 78 Resp: 12820
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9



#50
Toluene-d8
Concen: 48.716 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037350.D
Acq: 29 Aug 2023 18:30

Tgt Ion: 98 Resp: 262456
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

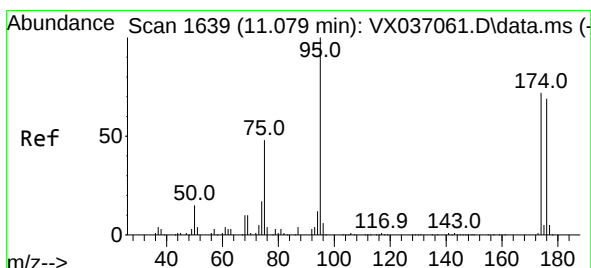
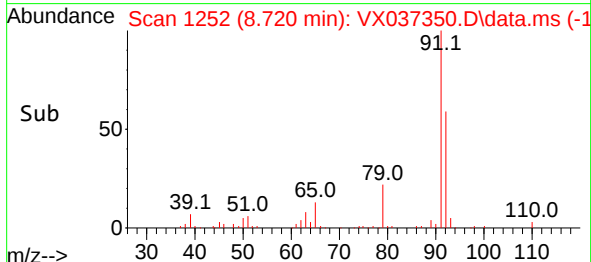
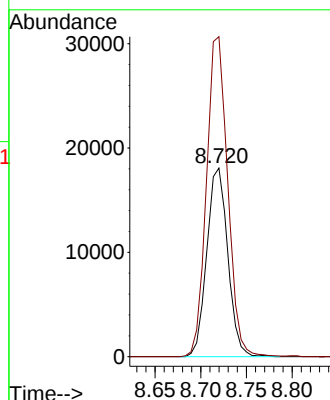
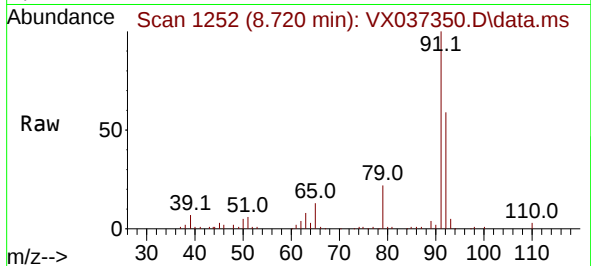




#52
Toluene
Concen: 7.218 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037350.D
Acq: 29 Aug 2023 18:30

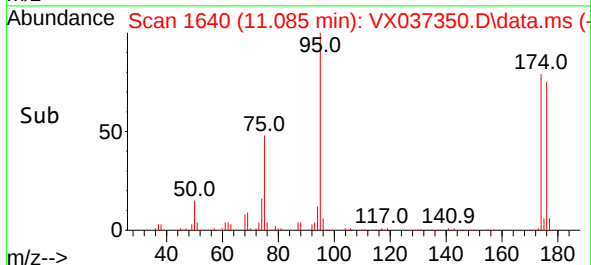
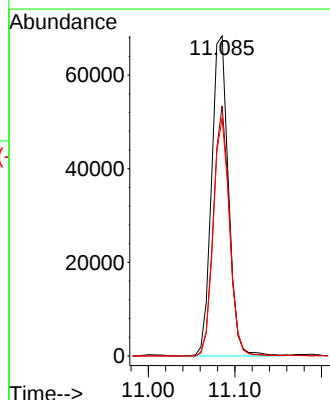
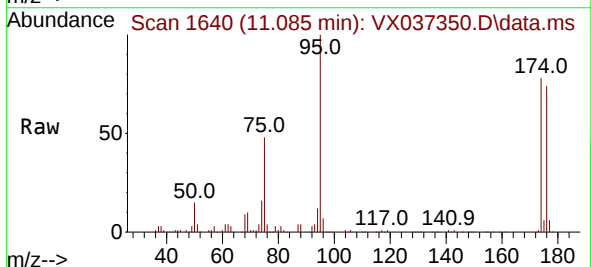
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

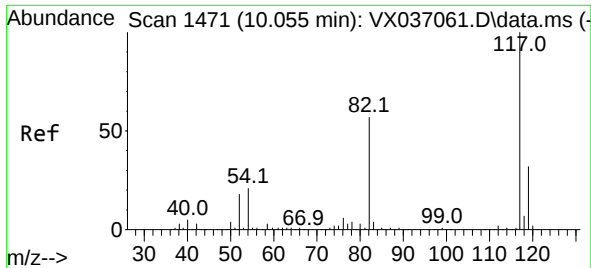
Tgt Ion: 92 Resp: 28862
Ion Ratio Lower Upper
92 100
91 171.5 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 43.806 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX037350.D
Acq: 29 Aug 2023 18:30

Tgt Ion: 95 Resp: 92746
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 71.7 0.0 131.0

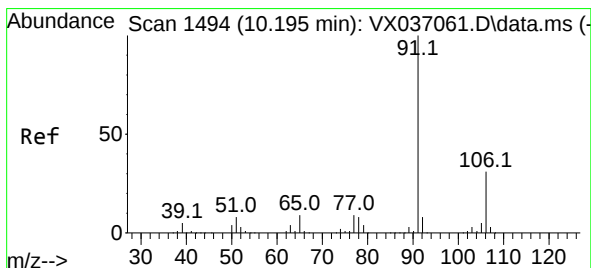
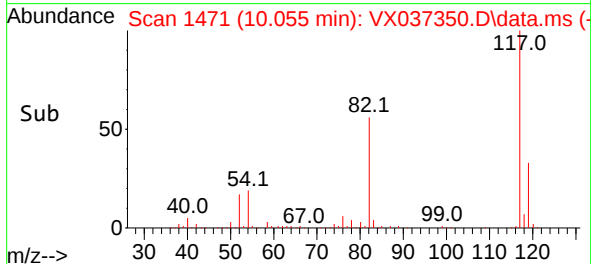
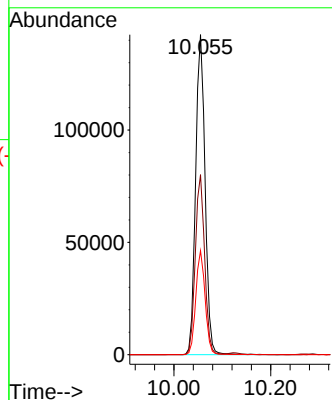
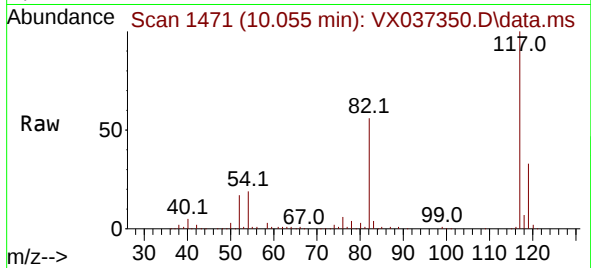




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037350.D
Acq: 29 Aug 2023 18:30

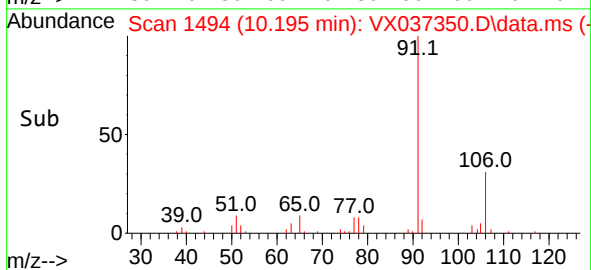
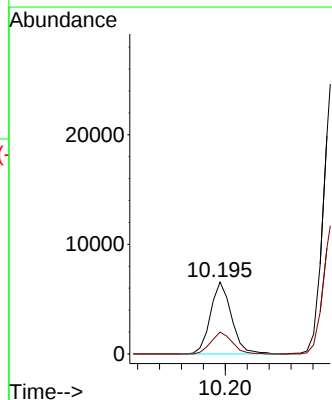
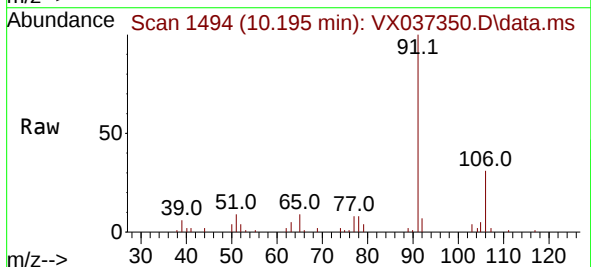
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TP-21(3-4)

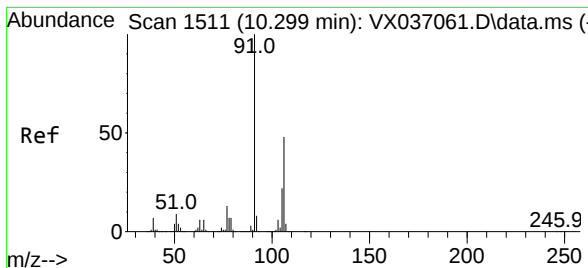
Tgt Ion:117 Resp: 192620
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.5 25.5 38.3



#67
Ethyl Benzene
Concen: 1.219 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037350.D
Acq: 29 Aug 2023 18:30

Tgt Ion: 91 Resp: 8731
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

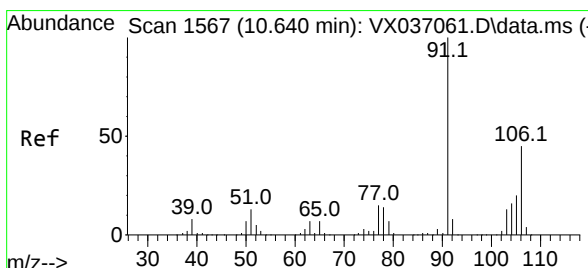
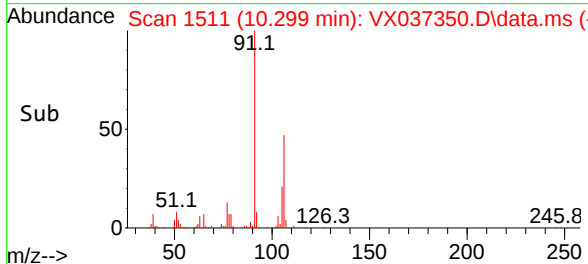
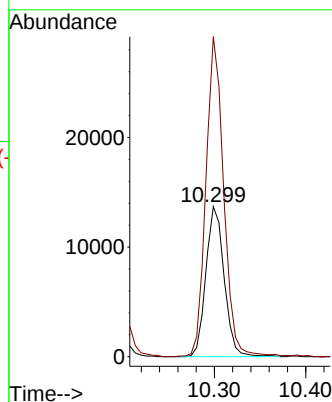
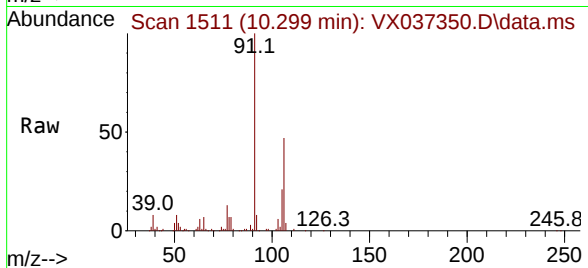




#68
m/p-Xylenes
Concen: 6.875 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037350.D
Acq: 29 Aug 2023 18:30

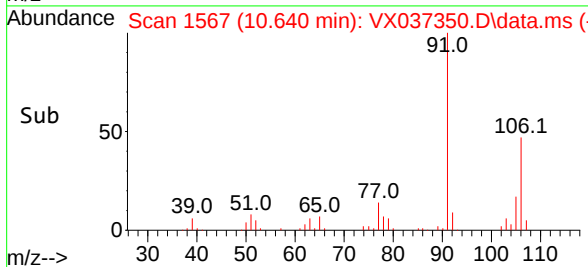
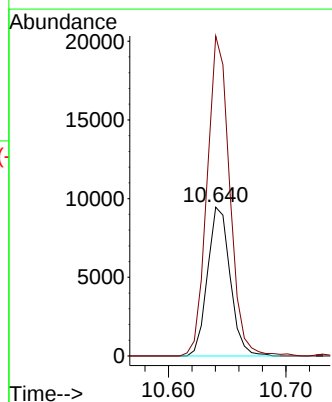
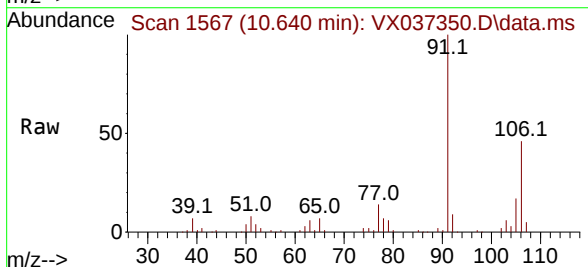
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

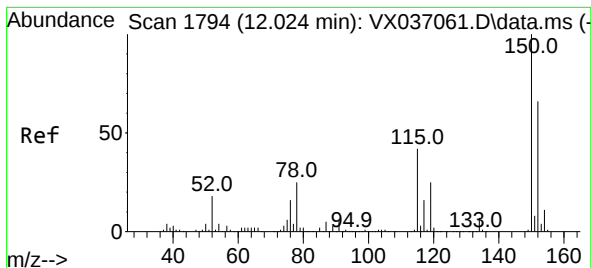
Tgt Ion:106 Resp: 19019
Ion Ratio Lower Upper
106 100
91 207.2 165.5 248.3



#69
o-Xylene
Concen: 4.627 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037350.D
Acq: 29 Aug 2023 18:30

Tgt Ion:106 Resp: 12628
Ion Ratio Lower Upper
106 100
91 215.1 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037350.D

Acq: 29 Aug 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

TP-21(3-4)

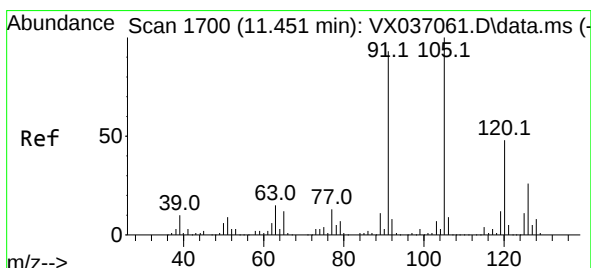
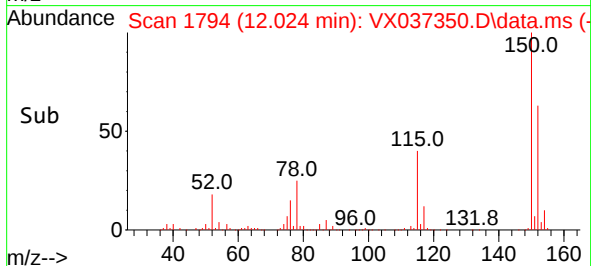
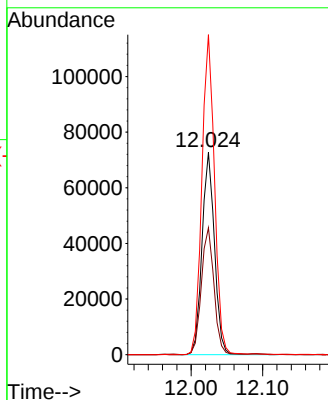
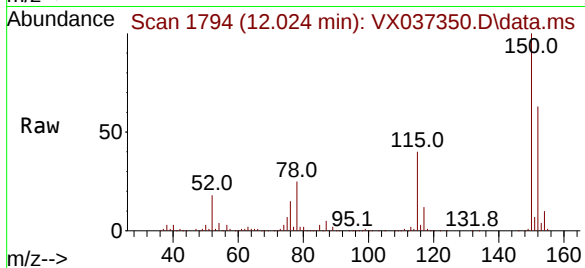
Tgt Ion:152 Resp: 88271

Ion Ratio Lower Upper

152 100

115 63.4 43.3 129.9

150 159.9 0.0 345.0



#80

1,3,5-Trimethylbenzene

Concen: 1.216 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037350.D

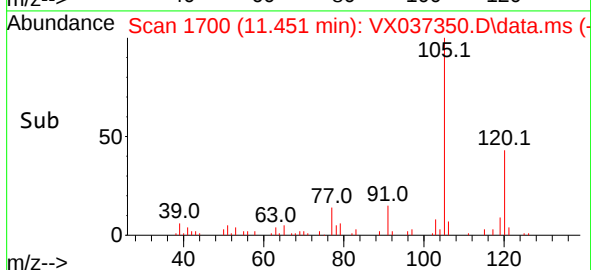
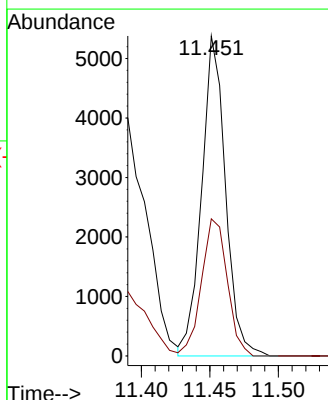
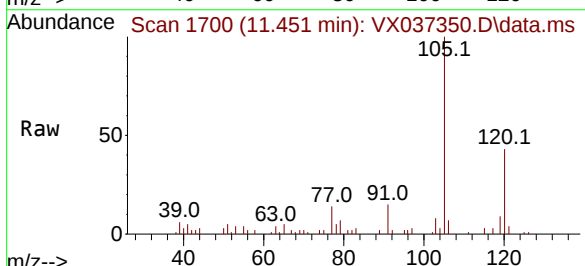
Acq: 29 Aug 2023 18:30

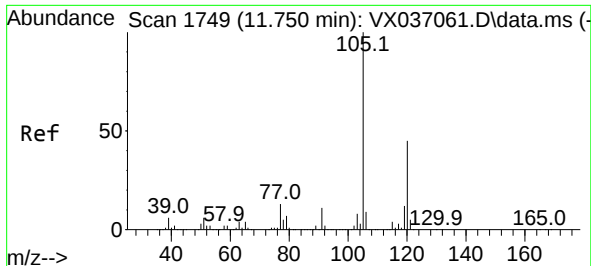
Tgt Ion:105 Resp: 6507

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.3

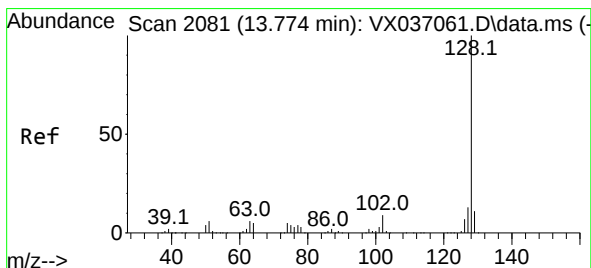
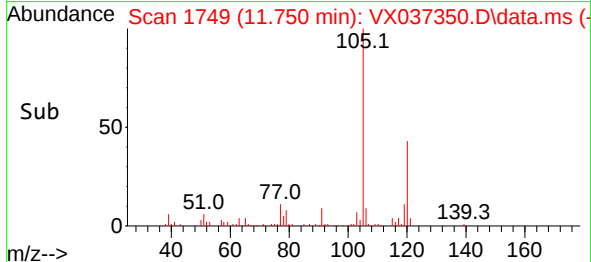
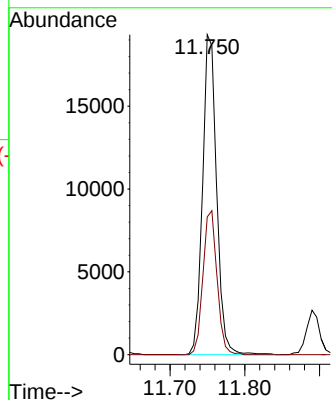
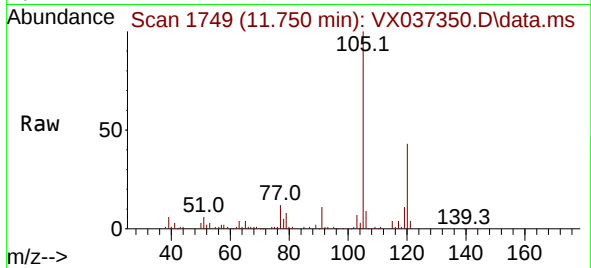




#84
1,2,4-Trimethylbenzene
Concen: 4.664 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX037350.D
Acq: 29 Aug 2023 18:30

Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

Tgt Ion:105 Resp: 25226
Ion Ratio Lower Upper
105 100
120 45.0 21.2 63.6



#95
Naphthalene
Concen: 13.350 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037350.D
Acq: 29 Aug 2023 18:30

Tgt Ion:128 Resp: 98297
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.8 13.2

