

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037382.D
 Acq On : 30 Aug 2023 12:26
 Operator : JC/MD
 Sample : 04110-14
 Misc : 4.28g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 31 02:21:17 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)

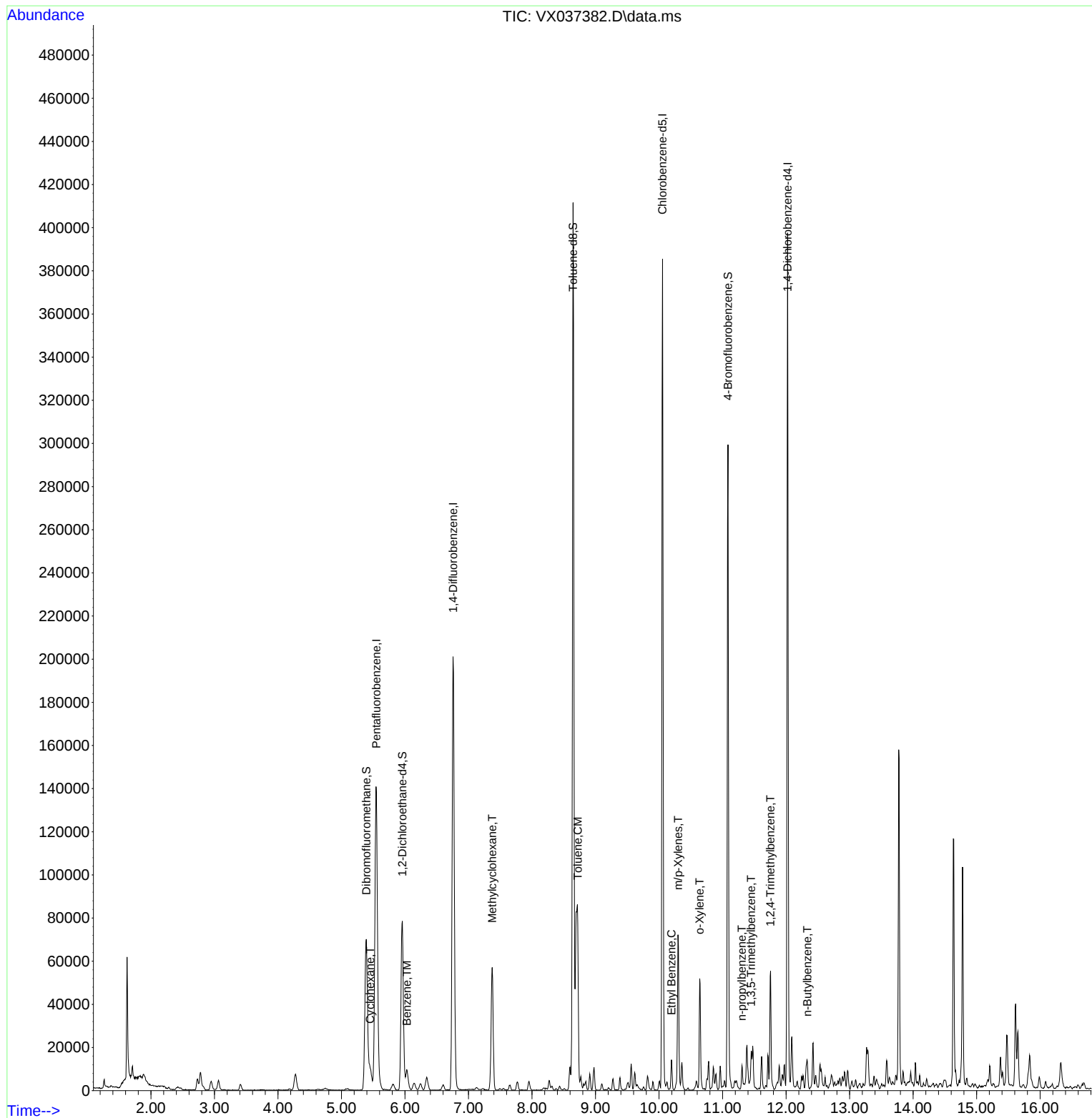
Internal Standards						
1) Pentafluorobenzene	5.549	168	133454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214931	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78125	40.606	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.220%
35) Dibromofluoromethane	5.391	113	62188	43.689	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.380%
50) Toluene-d8	8.646	98	249463	48.314	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.620%
62) 4-Bromofluorobenzene	11.085	95	85732	42.251	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.500%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.452	56	6832	3.158	ug/l #	85
39) Methylcyclohexane	7.372	83	27754	13.062	ug/l	89
40) Benzene	6.031	78	11245	1.939	ug/l	96
52) Toluene	8.720	92	25493	6.652	ug/l	97
67) Ethyl Benzene	10.195	91	8192	1.217	ug/l	98
68) m/p-Xylenes	10.299	106	17458	6.718	ug/l	99
69) o-Xylene	10.640	106	11832	4.615	ug/l	100
78) n-propylbenzene	11.305	91	7339	1.127	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	6998	1.434	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	24301	4.927	ug/l	95
89) n-Butylbenzene	12.335	91	4314	1.112	ug/l #	75

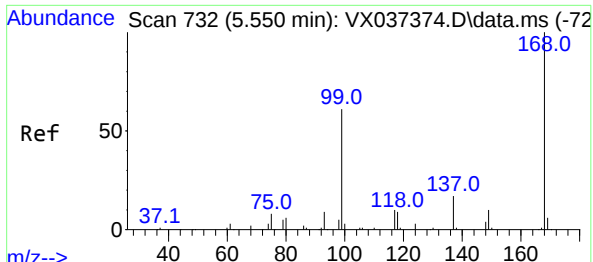
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-21(3-4)

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Response via : Initial Calibration

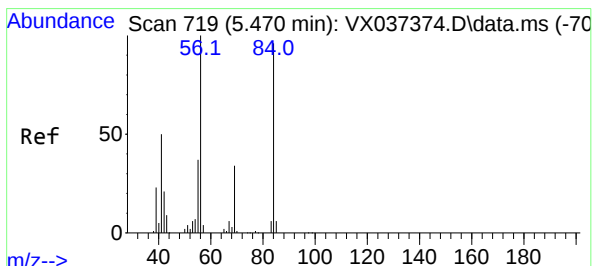
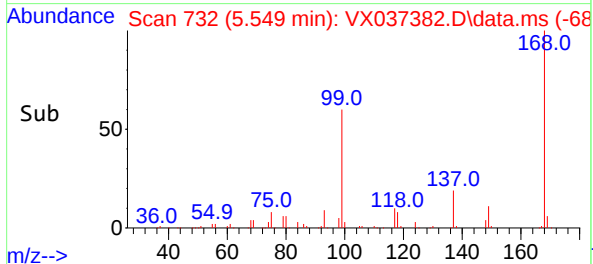
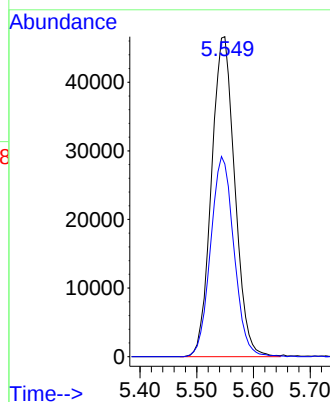
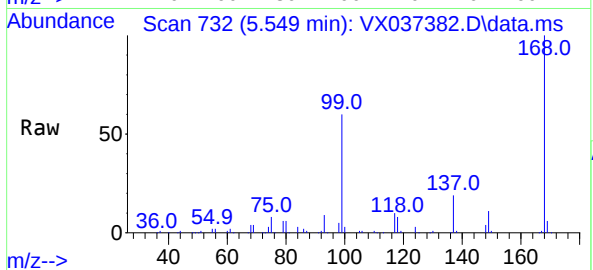




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 716
Delta R.T. -0.001 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

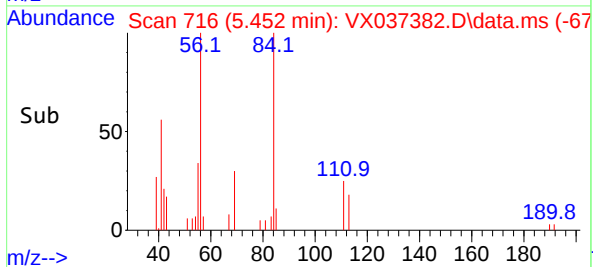
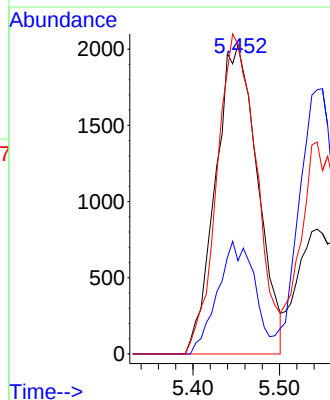
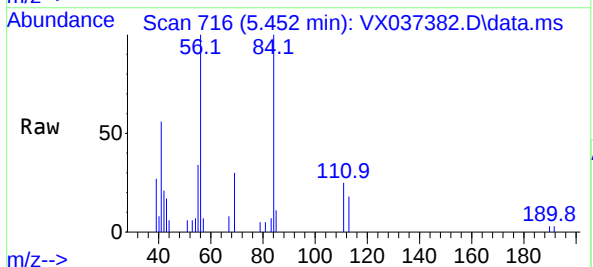
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

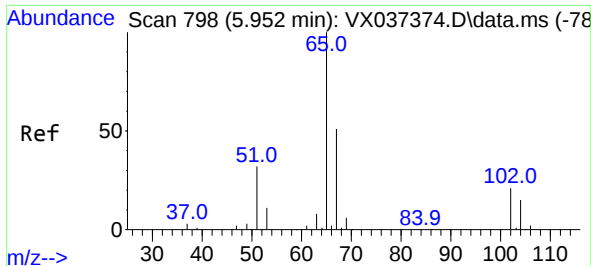
Tgt Ion:168 Resp: 133454
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#31
Cyclohexane
Concen: 3.158 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.019 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 56 Resp: 6832
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.2
84 100.1 65.9 98.9

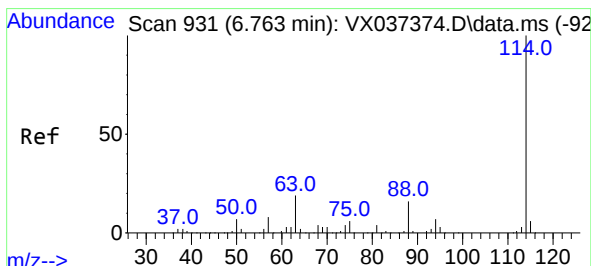
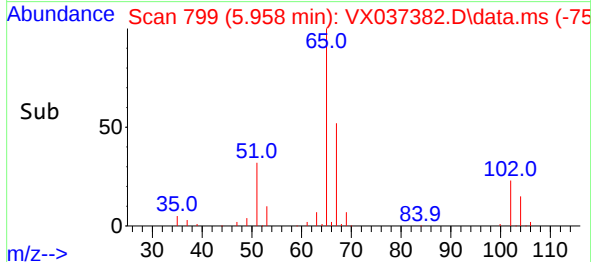
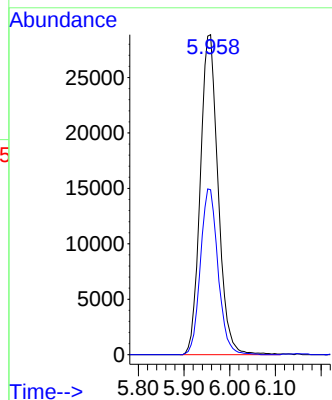
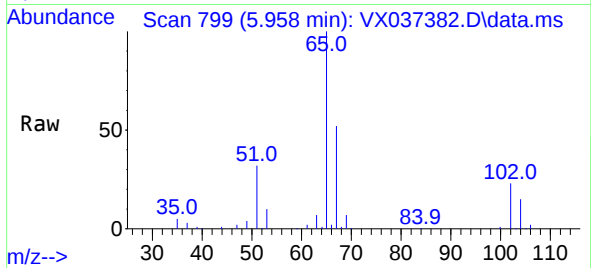




#33
1,2-Dichloroethane-d4
Concen: 40.606 ug/l
RT: 5.958 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

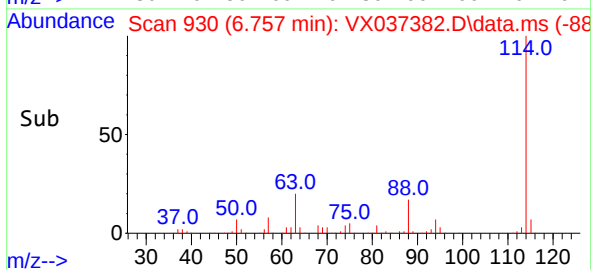
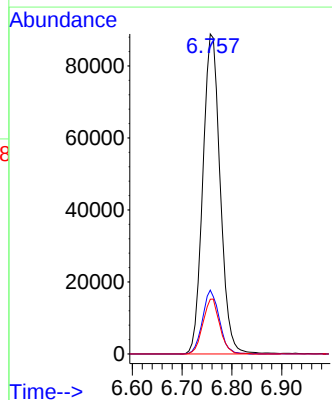
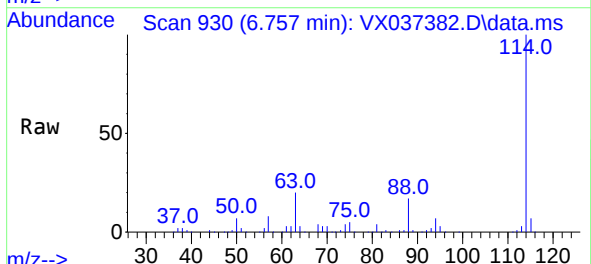
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

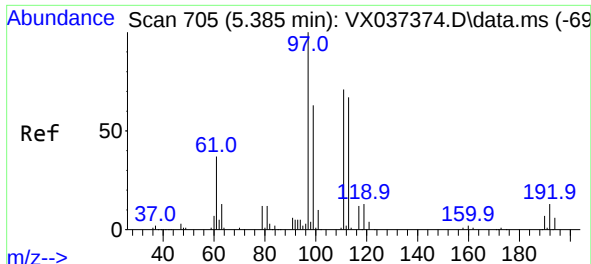
Tgt Ion: 65 Resp: 78125
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 114 Resp: 214931
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 17.1 0.0 36.6

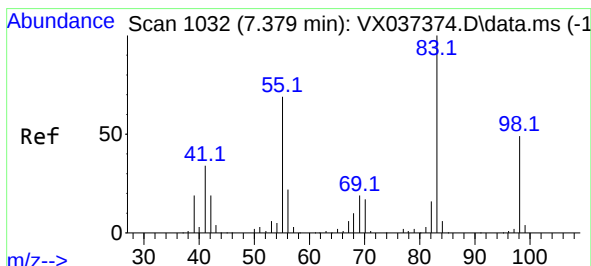
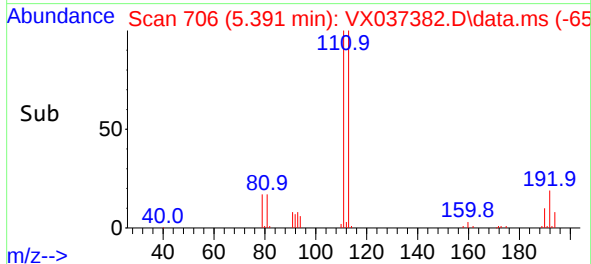
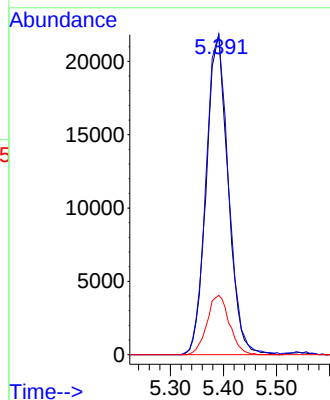
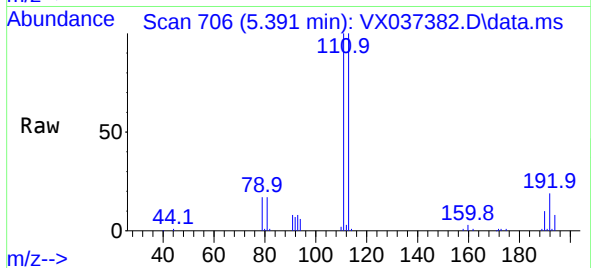




#35
Dibromofluoromethane
Concen: 43.689 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

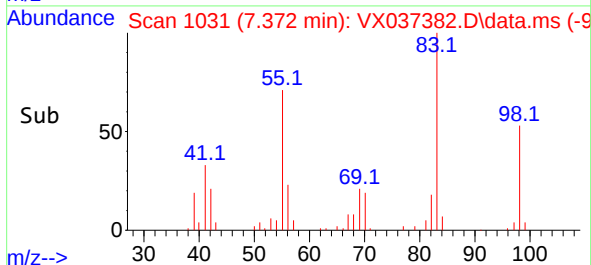
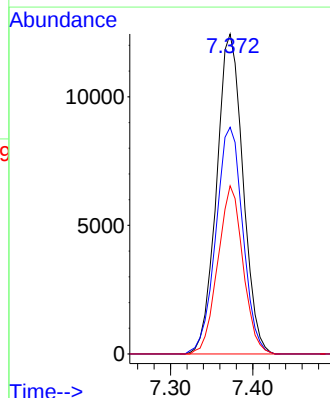
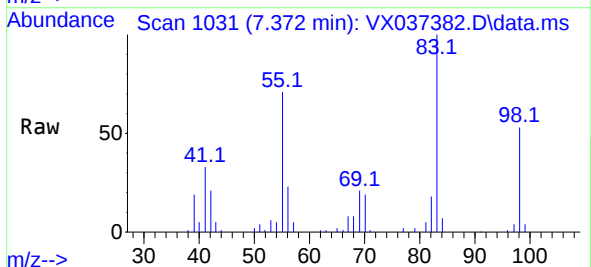
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

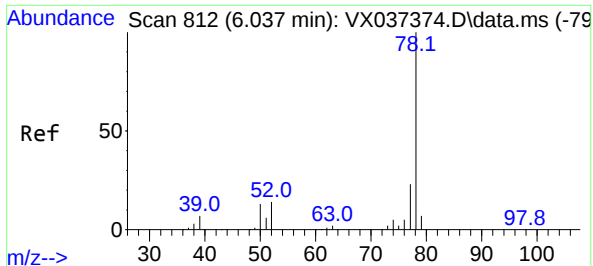
Tgt Ion:113 Resp: 62188
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.0 13.3 19.9



#39
Methylcyclohexane
Concen: 13.062 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 83 Resp: 27754
Ion Ratio Lower Upper
83 100
55 70.8 64.6 97.0
98 52.6 36.7 55.1

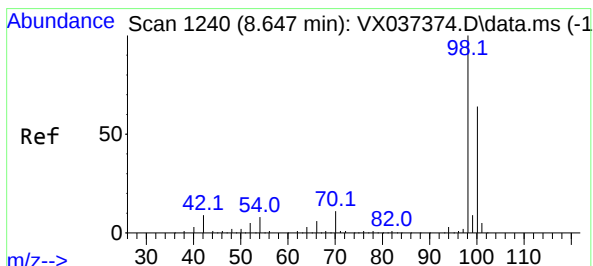
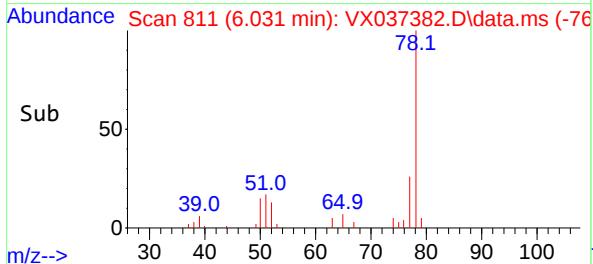
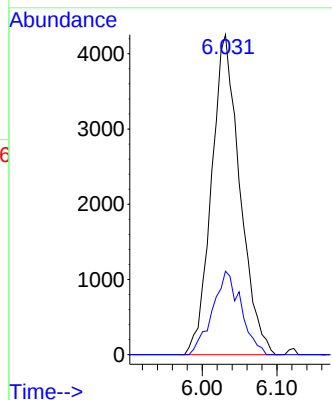
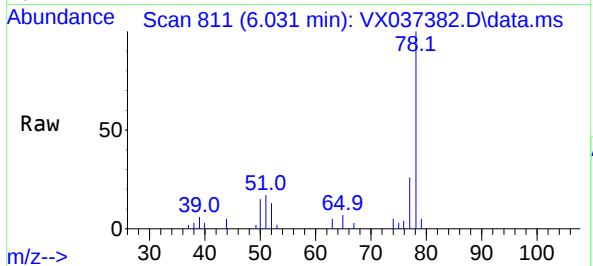




#40
Benzene
Concen: 1.939 ug/l
RT: 6.031 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

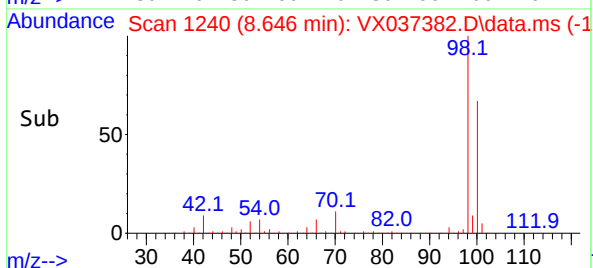
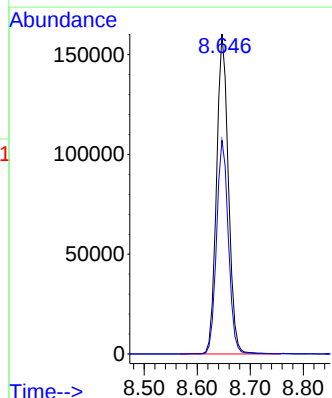
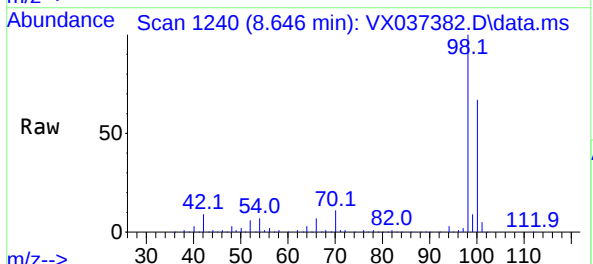
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

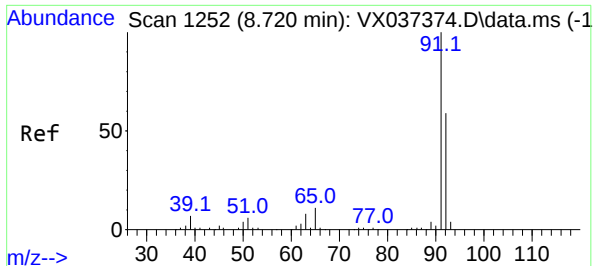
Tgt Ion: 78 Resp: 11245
Ion Ratio Lower Upper
78 100
77 26.1 19.3 28.9



#50
Toluene-d8
Concen: 48.314 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 98 Resp: 249463
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

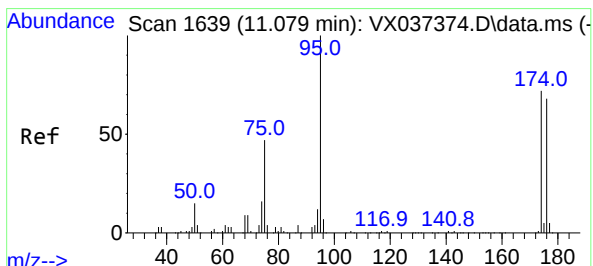
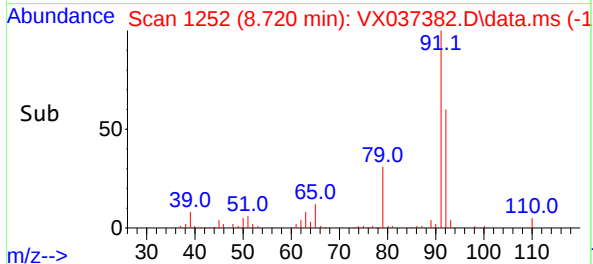
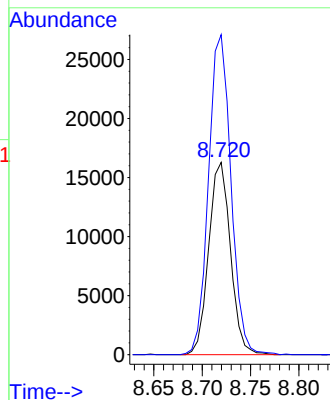
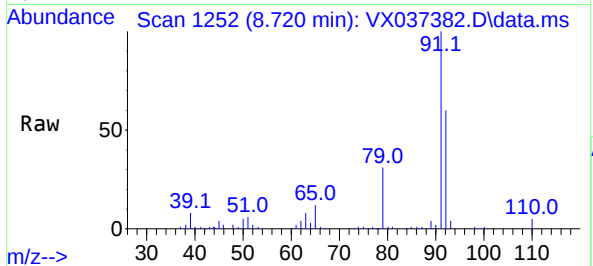




#52
Toluene
Concen: 6.652 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

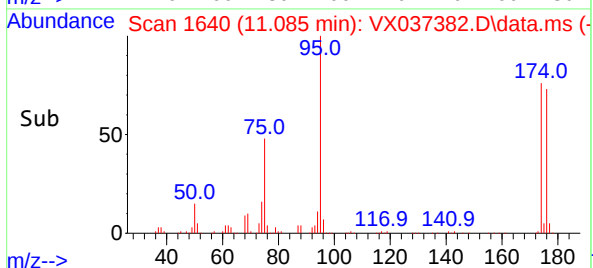
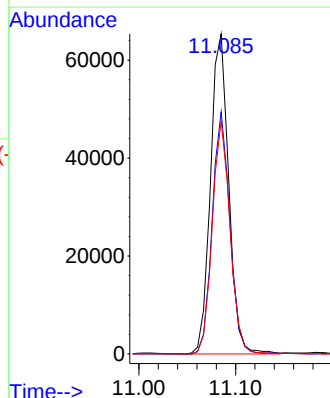
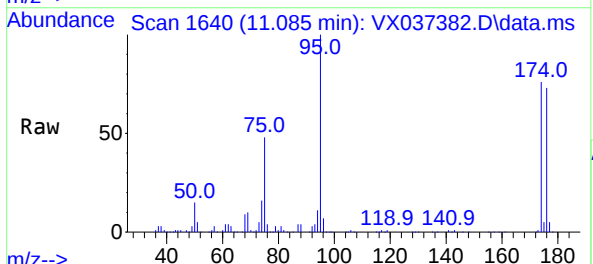
Instrument :
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ClientSampleId :
TP-21(3-4)

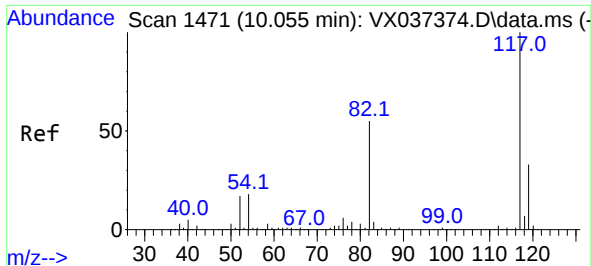
Tgt Ion: 92 Resp: 25493
Ion Ratio Lower Upper
92 100
91 171.5 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 42.251 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 95 Resp: 85732
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 70.8 0.0 131.0

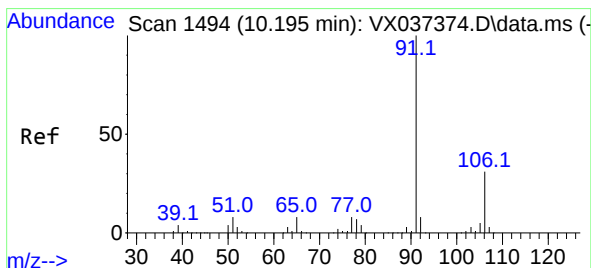
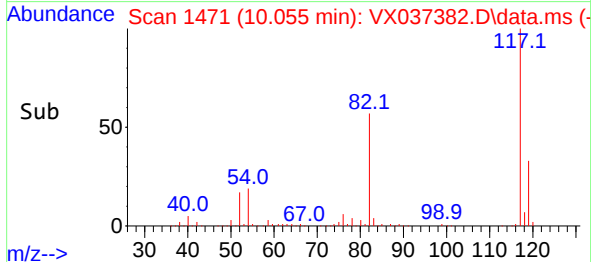
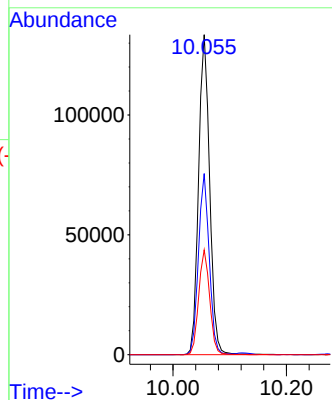
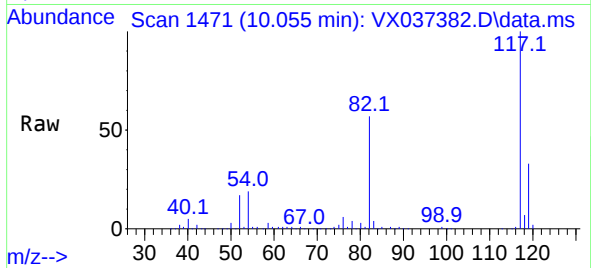




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

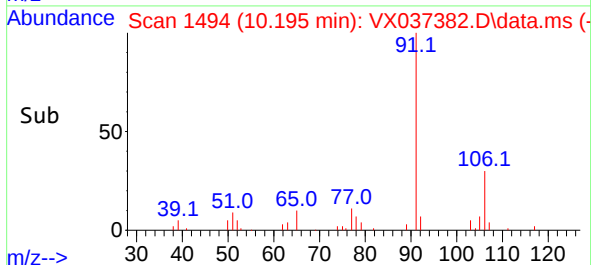
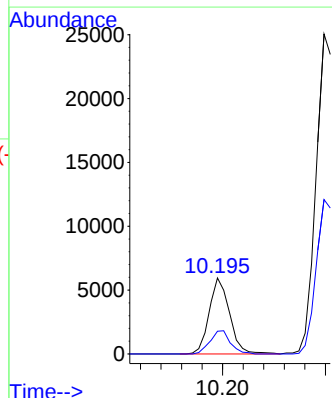
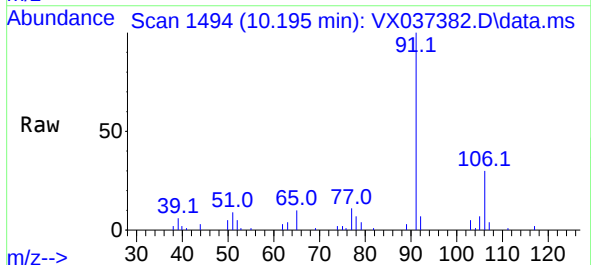
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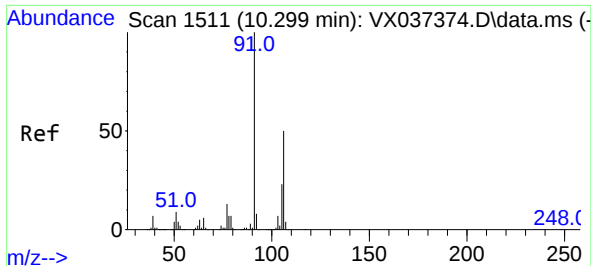
Tgt Ion:117 Resp: 180945
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.8 25.5 38.3



#67
Ethyl Benzene
Concen: 1.217 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 91 Resp: 8192
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

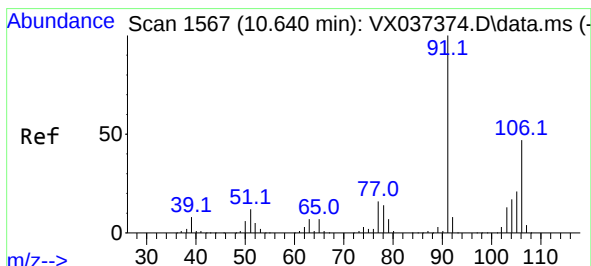
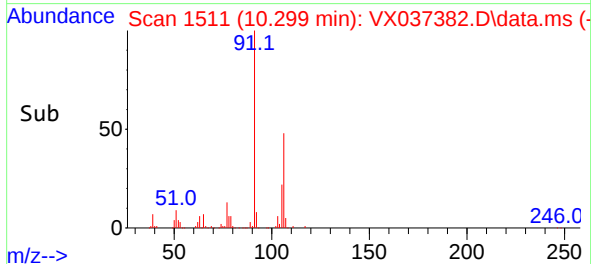
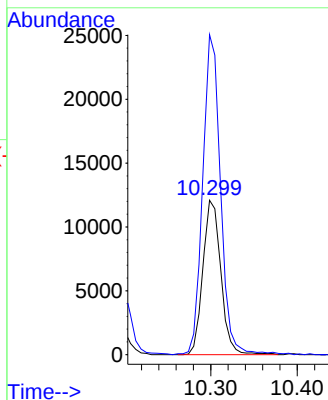
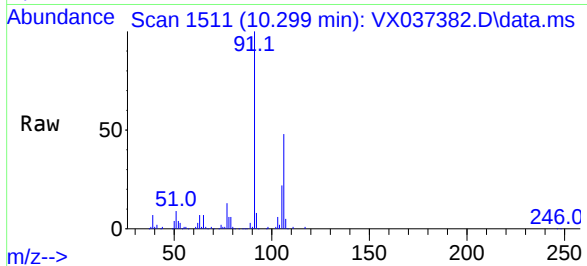




#68
m/p-Xylenes
Concen: 6.718 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

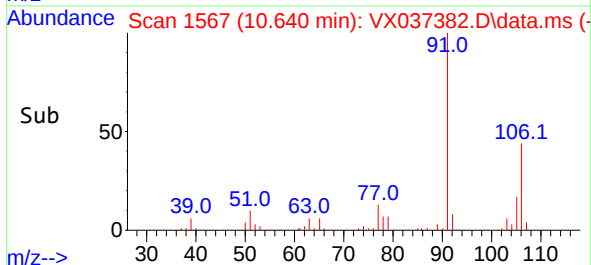
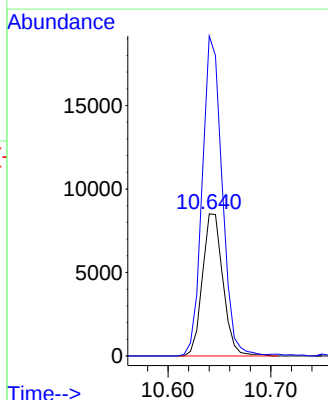
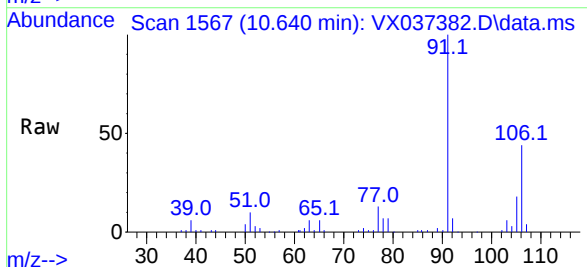
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

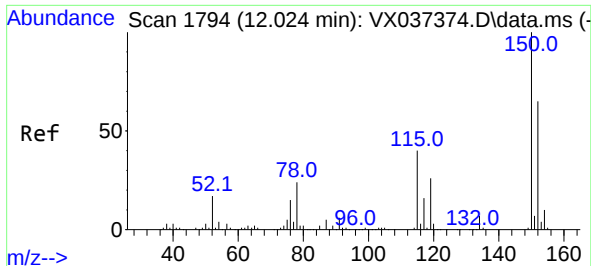
Tgt Ion:106 Resp: 17458
Ion Ratio Lower Upper
106 100
91 205.7 165.5 248.3



#69
o-Xylene
Concen: 4.615 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion:106 Resp: 11832
Ion Ratio Lower Upper
106 100
91 217.8 108.9 326.8

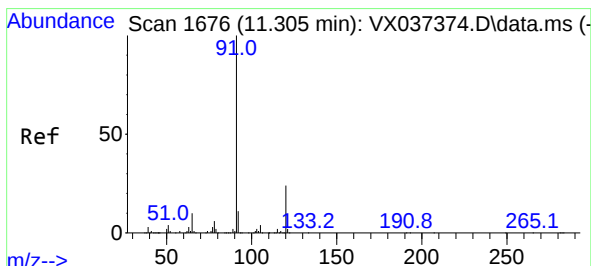
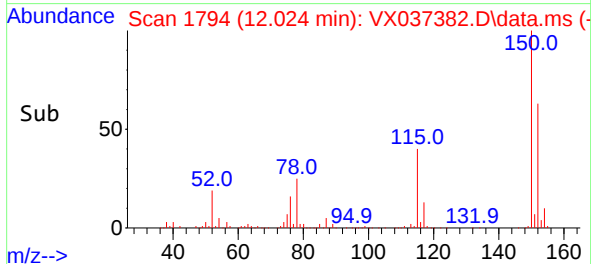
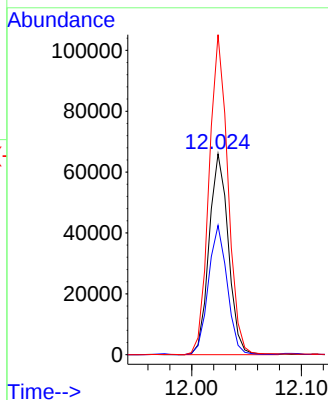
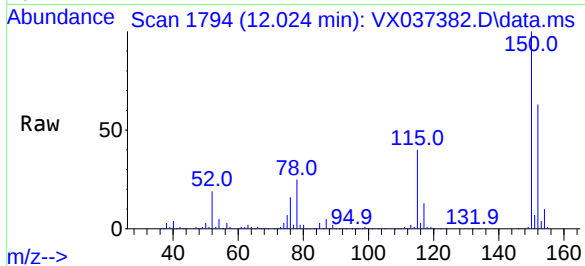




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

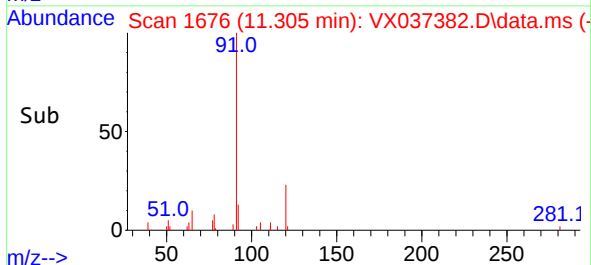
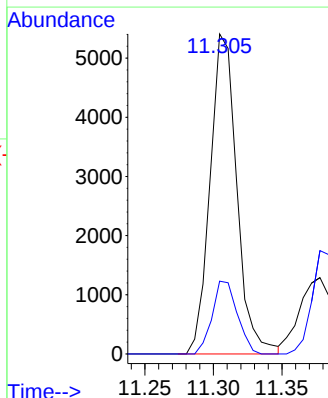
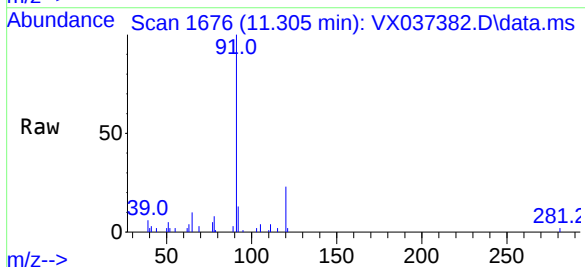
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

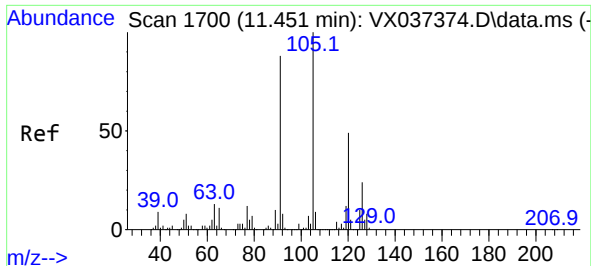
Tgt Ion:152 Resp: 80494
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 156.1 0.0 345.0



#78
n-propylbenzene
Concen: 1.127 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion: 91 Resp: 7339
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4

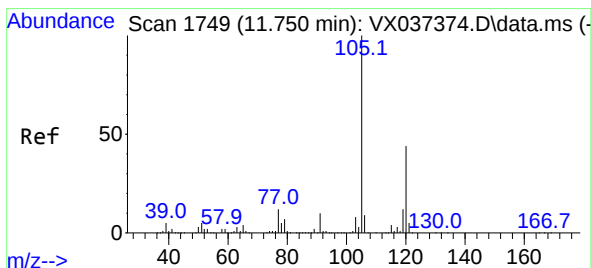
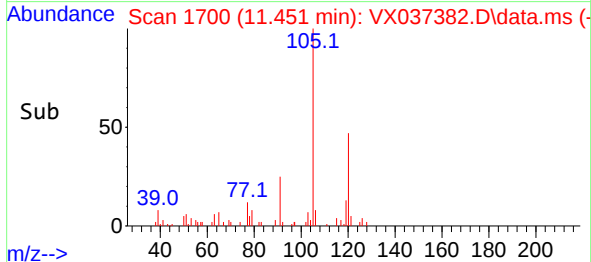
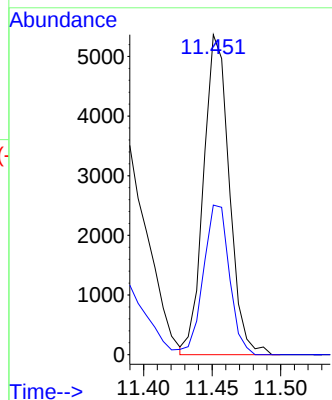
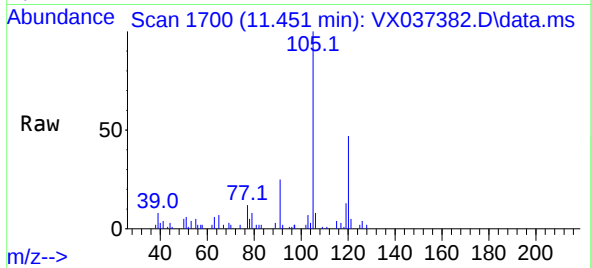




#80
1,3,5-Trimethylbenzene
Concen: 1.434 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

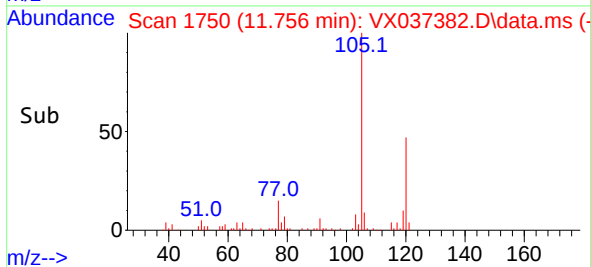
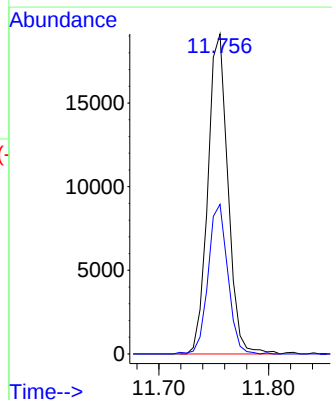
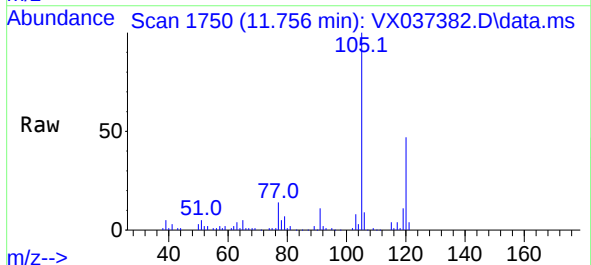
Instrument :
MSVOA_X
ClientSampleId :
TP-21(3-4)

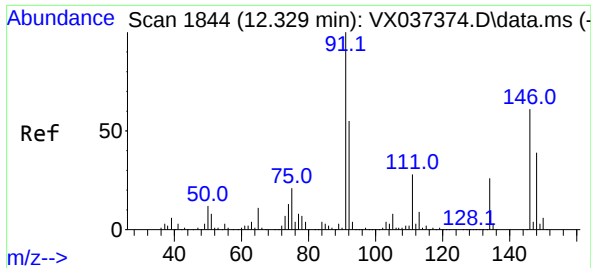
Tgt Ion:105 Resp: 6998
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 4.927 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX037382.D
Acq: 30 Aug 2023 12:26

Tgt Ion:105 Resp: 24301
Ion Ratio Lower Upper
105 100
120 45.9 21.2 63.6





#89

n-Butylbenzene

Concen: 1.112 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037382.D

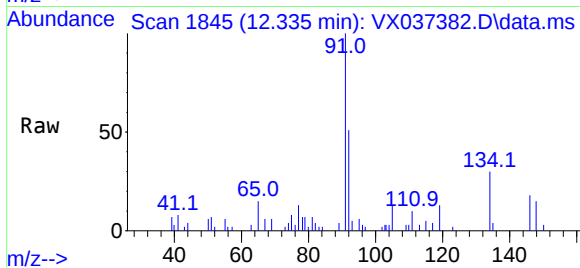
Acq: 30 Aug 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

TP-21(3-4)



Tgt Ion: 91 Resp: 4314

Ion Ratio Lower Upper

91 100

92 45.4 27.4 82.0

134 50.6 12.6 37.8#

