

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038462.D
 Acq On : 24 Oct 2023 17:50
 Operator : JC/MD
 Sample : 04938-18 10X
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 0-3(5-10)

Quant Time: Oct 25 06:11:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

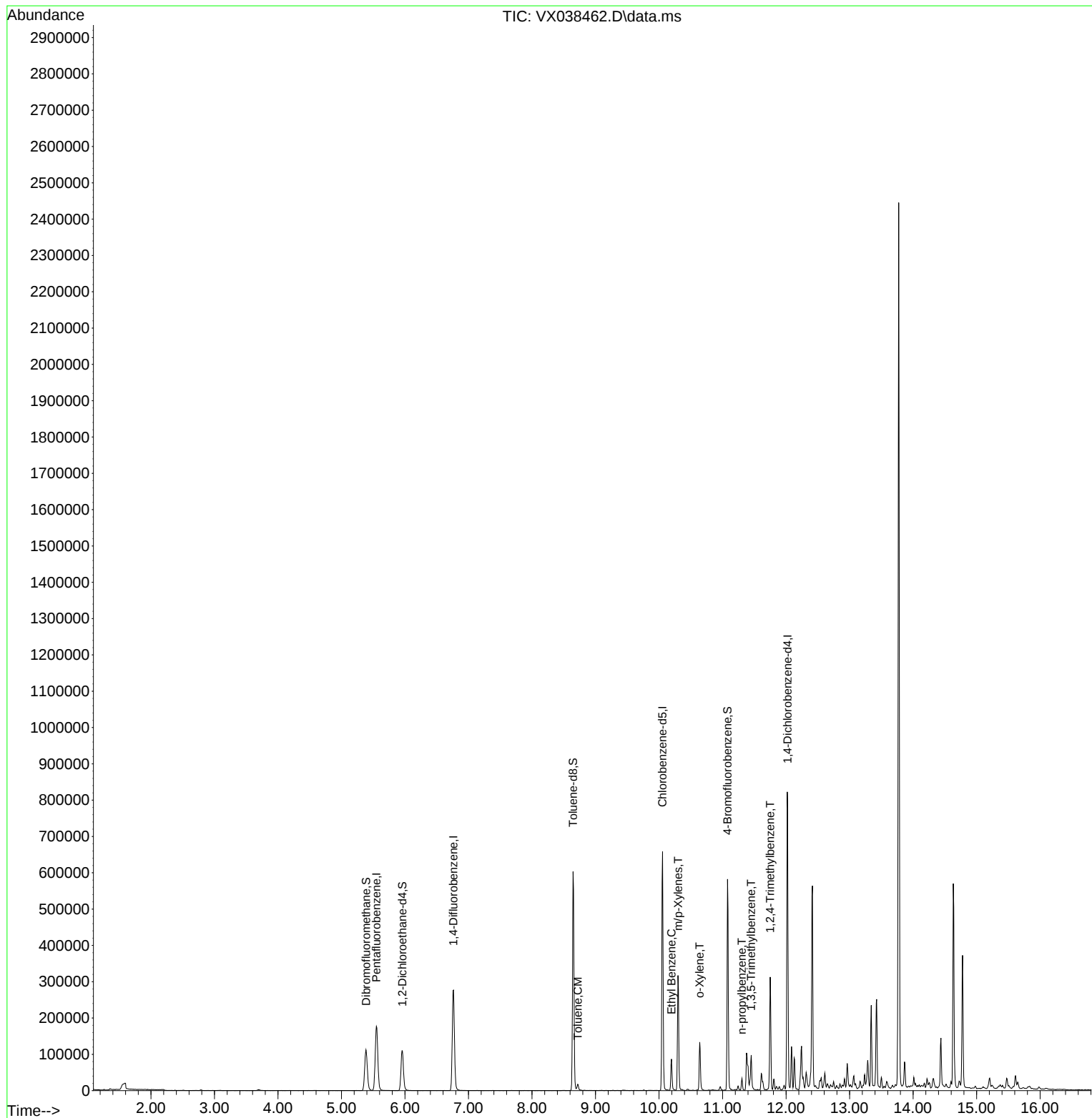
Internal Standards						
1) Pentafluorobenzene	5.550	168	173881	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	300229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108276	38.715	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	77.420%#	
35) Dibromofluoromethane	5.385	113	98881	45.708	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.420%	
50) Toluene-d8	8.647	98	367570	44.464	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	88.920%#	
62) 4-Bromofluorobenzene	11.079	95	148833	47.490	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	94.980%	
Target Compounds						
					Qvalue	
52) Toluene	8.720	92	6461	1.189	ug/l	90
67) Ethyl Benzene	10.195	91	49903	4.369	ug/l	98
68) m/p-Xylenes	10.299	106	74028	16.763	ug/l	96
69) o-Xylene	10.640	106	29025	6.734	ug/l	100
78) n-propylbenzene	11.305	91	19788	1.403	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	40432	4.062	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	136848	13.789	ug/l	96

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

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ClientSampleId :
0-3(5-10)

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Response via : Initial Calibration

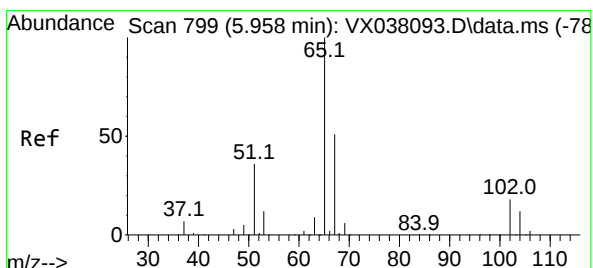
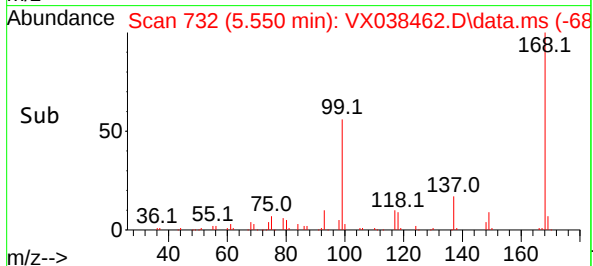
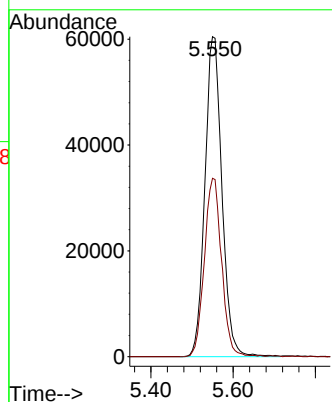
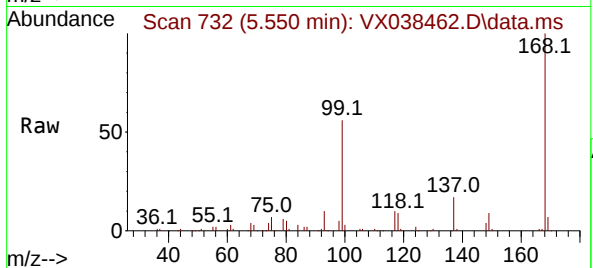




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

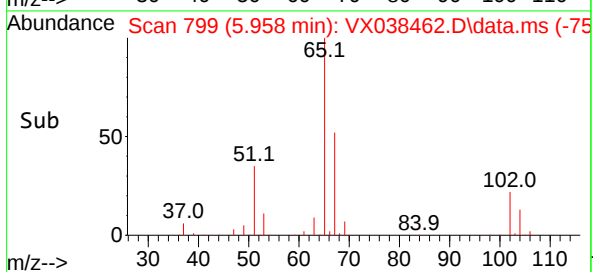
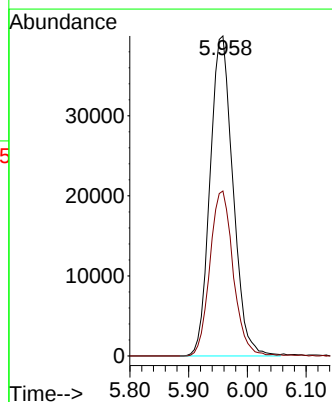
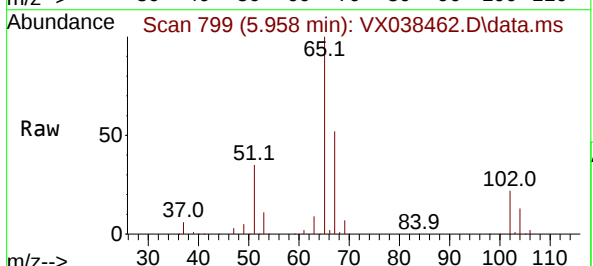
Instrument :
MSVOA_X
ClientSampleId :
0-3(5-10)

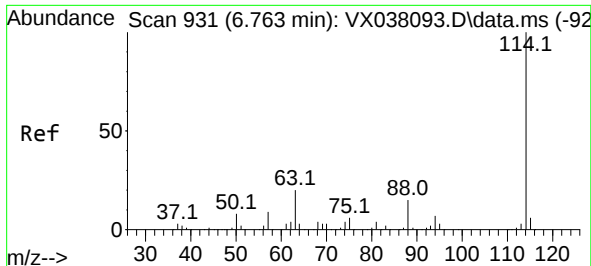
Tgt Ion:168 Resp: 173881
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 38.715 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

Tgt Ion: 65 Resp: 108276
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

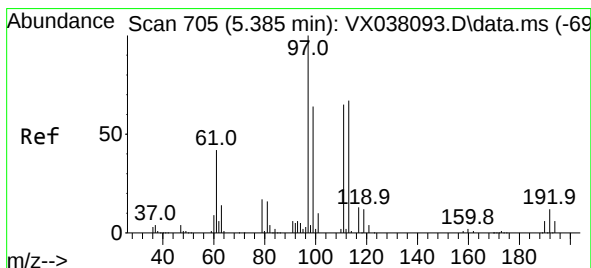
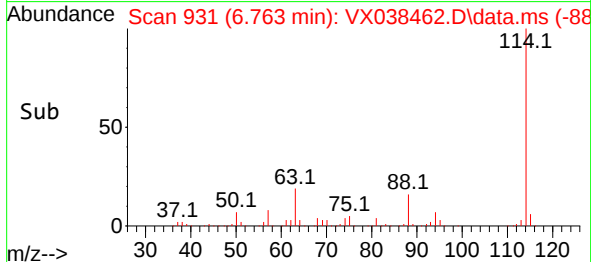
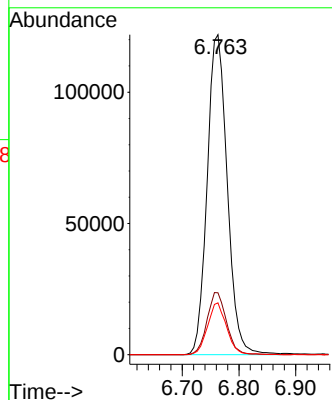
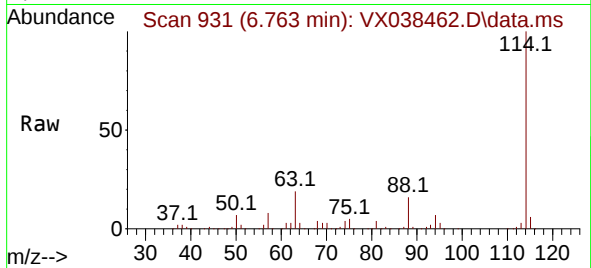




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

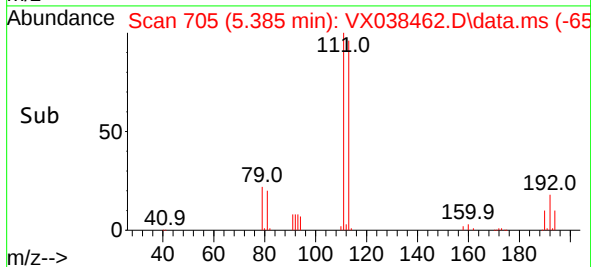
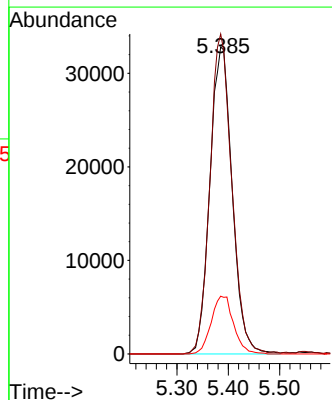
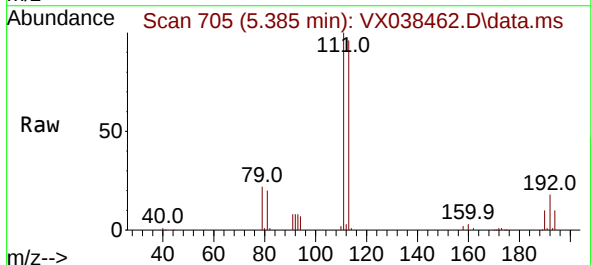
Instrument :
MSVOA_X
ClientSampleId :
0-3(5-10)

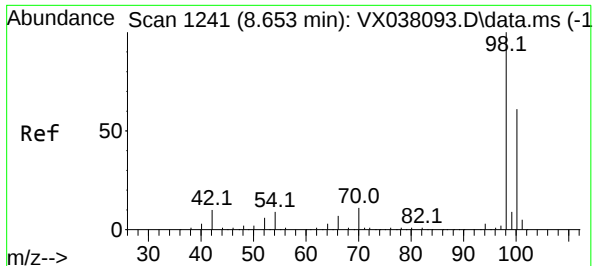
Tgt Ion:114 Resp: 300229
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.708 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

Tgt Ion:113 Resp: 98881
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.9 13.3 19.9

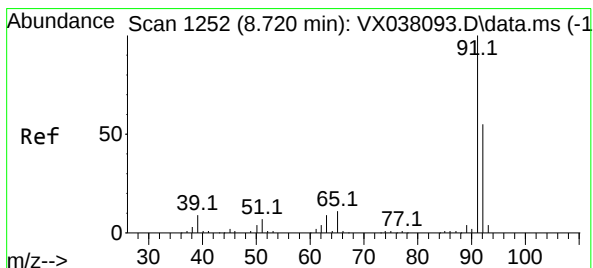
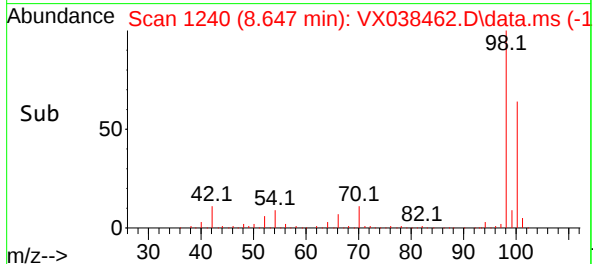
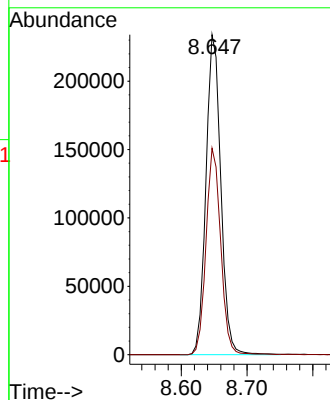
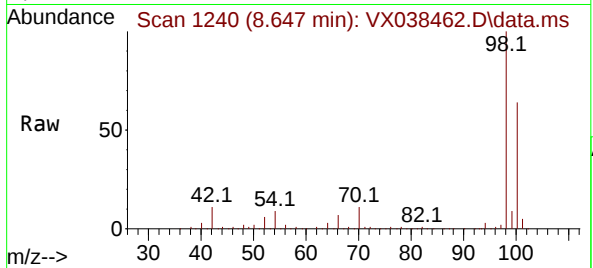




#50
Toluene-d8
Concen: 44.464 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

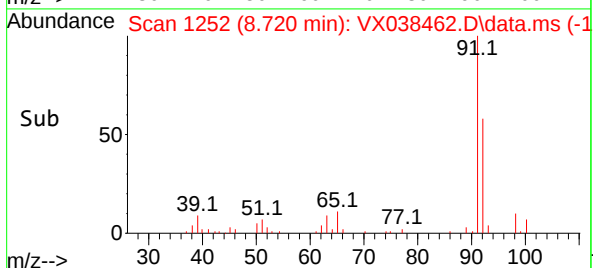
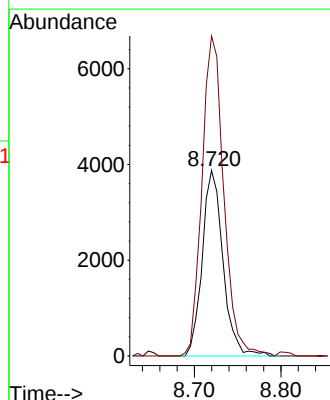
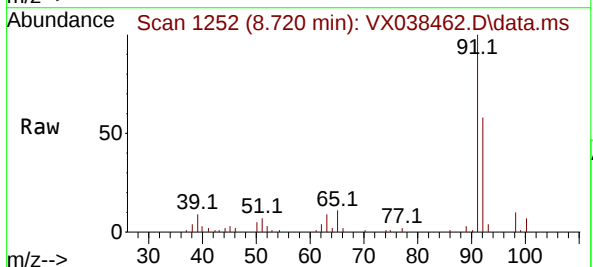
Instrument :
MSVOA_X
ClientSampleId :
0-3(5-10)

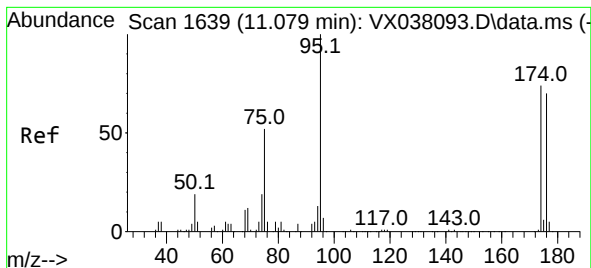
Tgt Ion: 98 Resp: 367570
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#52
Toluene
Concen: 1.189 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

Tgt Ion: 92 Resp: 6461
Ion Ratio Lower Upper
92 100
91 180.8 134.2 201.2

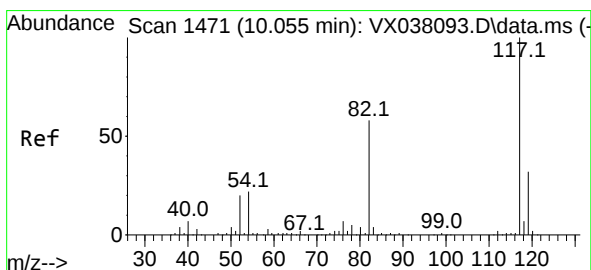
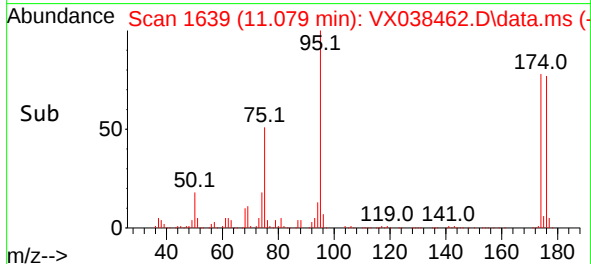
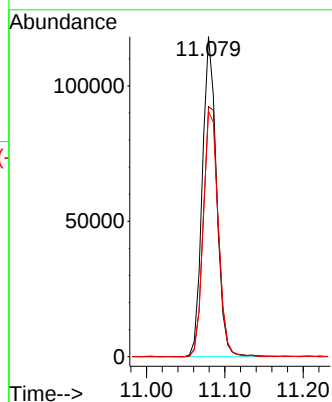
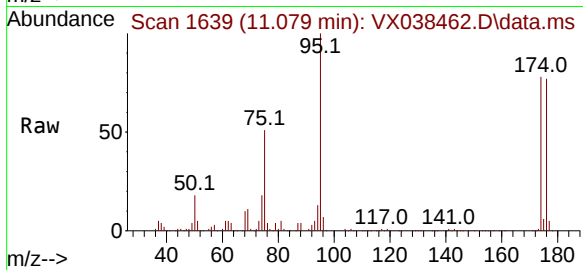




#62
4-Bromofluorobenzene
Concen: 47.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

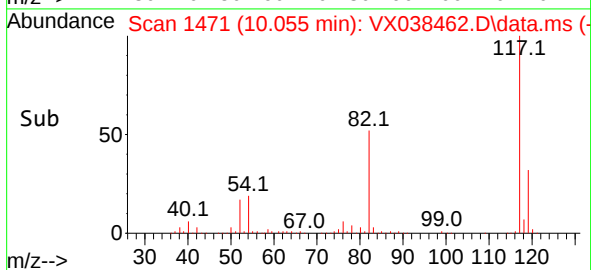
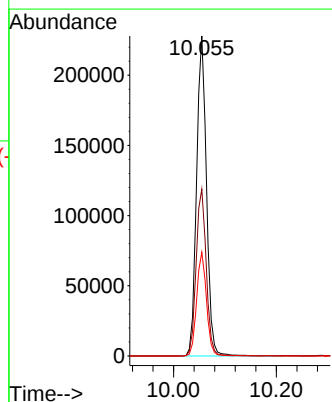
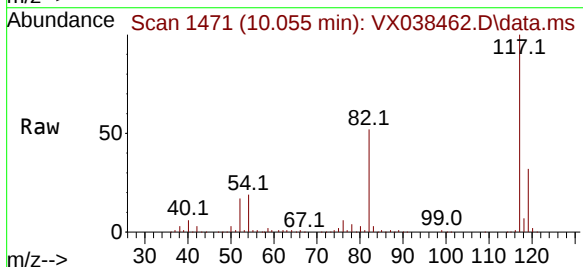
Instrument :
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ClientSampleId :
0-3(5-10)

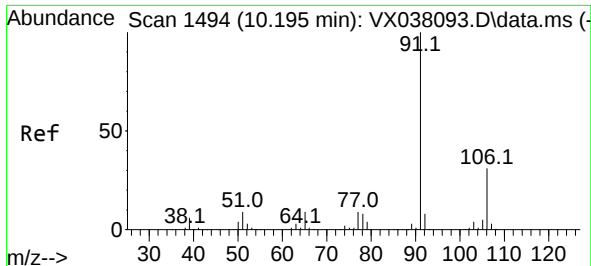
Tgt Ion: 95 Resp: 148833
Ion Ratio Lower Upper
95 100
174 82.4 0.0 135.6
176 80.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

Tgt Ion: 117 Resp: 305774
Ion Ratio Lower Upper
117 100
82 52.2 46.2 69.4
119 32.4 25.5 38.3

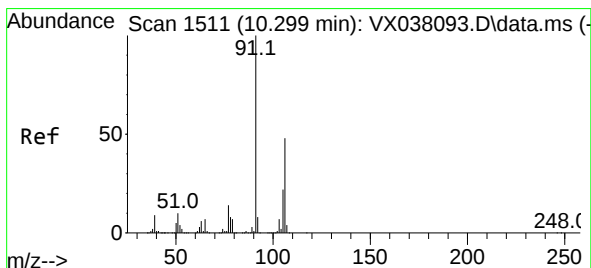
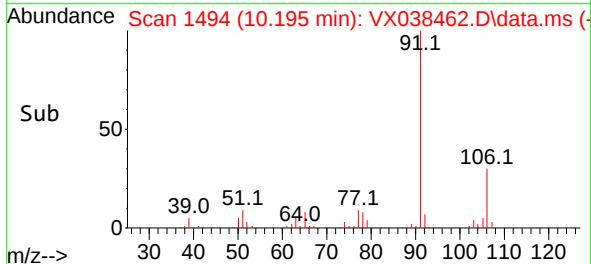
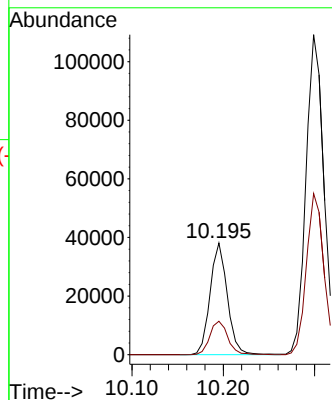
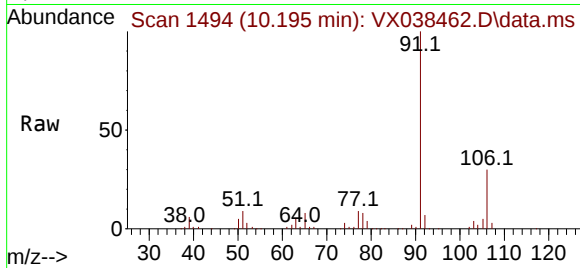




#67
Ethyl Benzene
Concen: 4.369 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

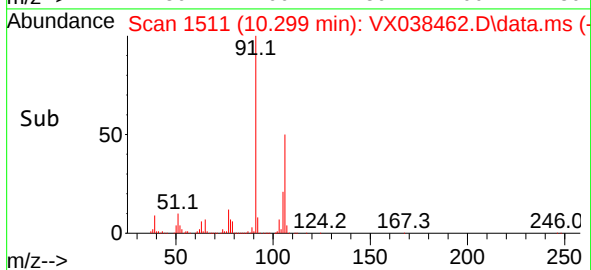
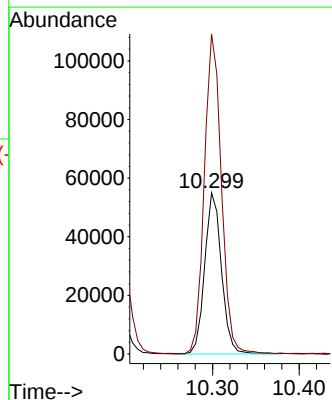
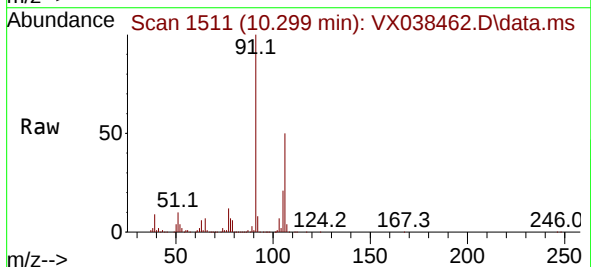
Instrument :
MSVOA_X
ClientSampleId :
0-3(5-10)

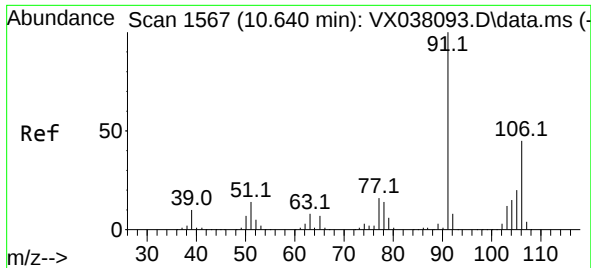
Tgt Ion: 91 Resp: 49903
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3



#68
m/p-Xylenes
Concen: 16.763 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

Tgt Ion: 106 Resp: 74028
Ion Ratio Lower Upper
106 100
91 201.4 165.5 248.3

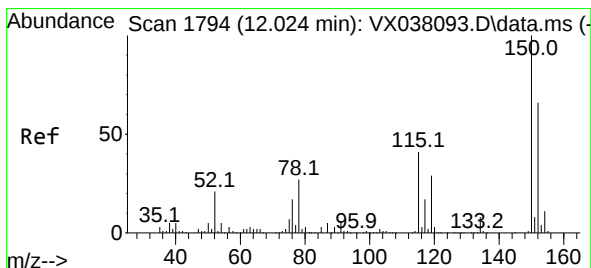
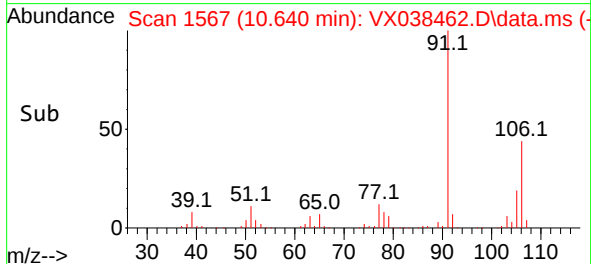
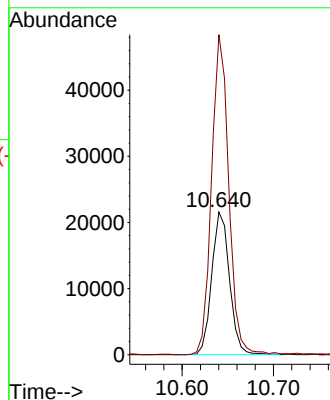
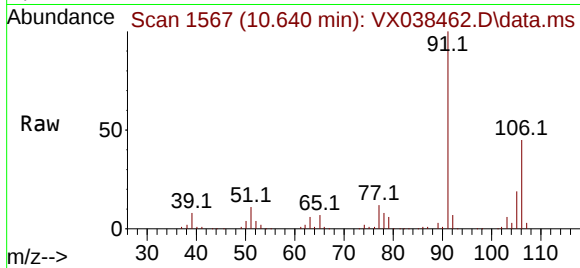




#69
o-Xylene
Concen: 6.734 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

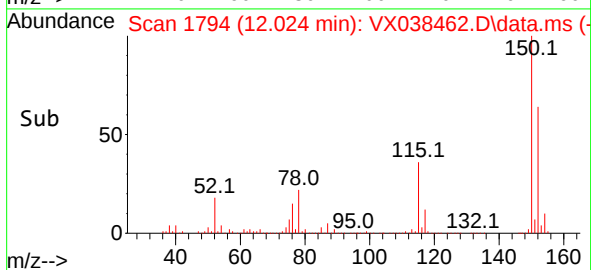
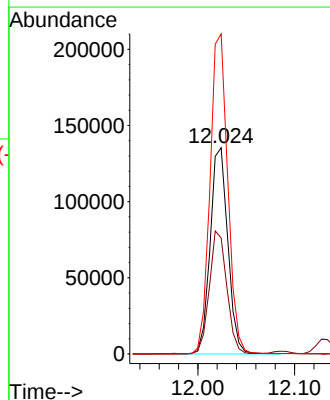
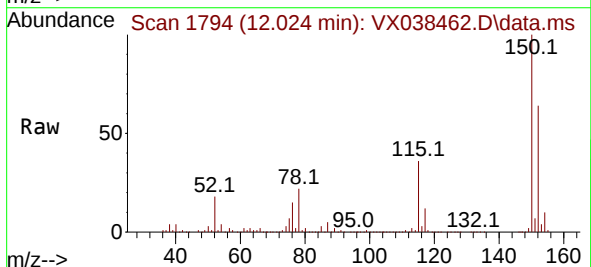
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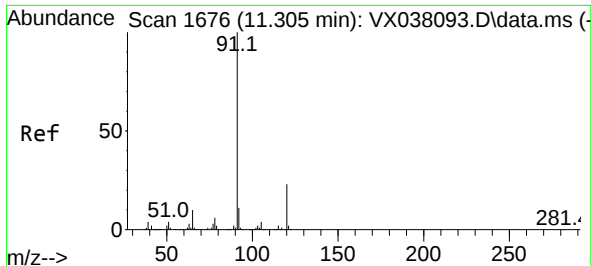
Tgt Ion:106 Resp: 29025
Ion Ratio Lower Upper
106 100
91 217.6 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

Tgt Ion:152 Resp: 172042
Ion Ratio Lower Upper
152 100
115 58.7 43.3 129.9
150 156.4 0.0 345.0

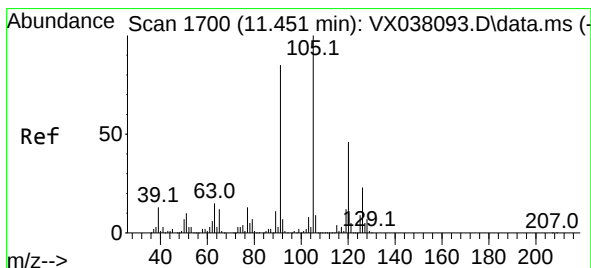
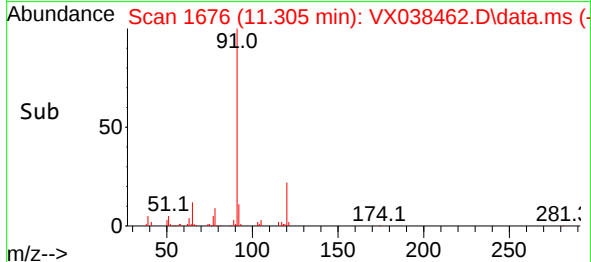
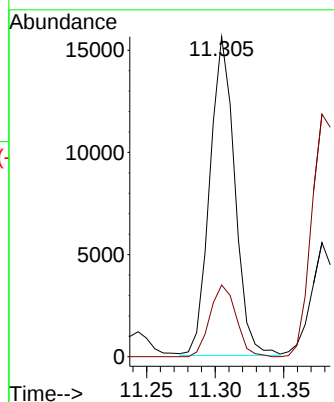
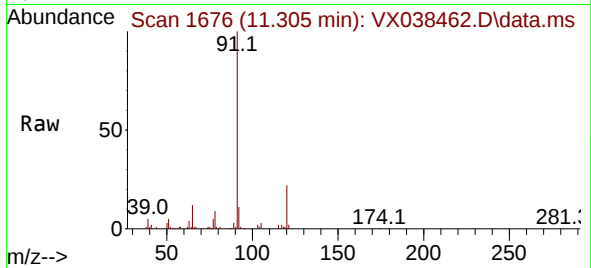




#78
n-propylbenzene
Concen: 1.403 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

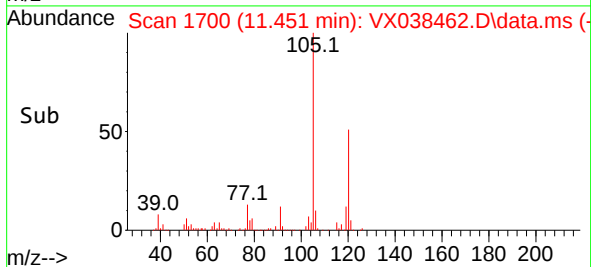
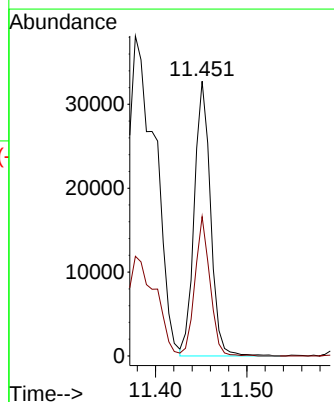
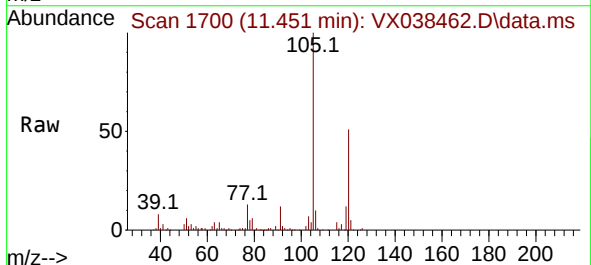
Instrument :
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0-3(5-10)

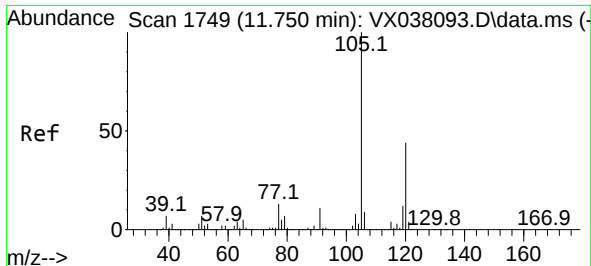
Tgt Ion: 91 Resp: 19788
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 4.062 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038462.D
Acq: 24 Oct 2023 17:50

Tgt Ion: 105 Resp: 40432
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 13.789 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038462.D

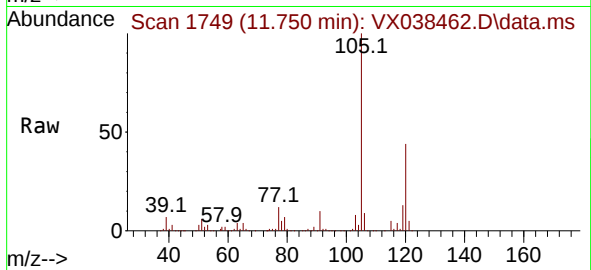
Acq: 24 Oct 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

0-3(5-10)



Tgt Ion:105 Resp: 136848

Ion Ratio Lower Upper

105 100

120 45.0 21.2 63.6

