

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040328.D
 Acq On : 19 Feb 2024 14:18
 Operator : JC/MD
 Sample : P1395-01
 Misc : 4.42g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-4(4-6)

Quant Time: Feb 20 01:14:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

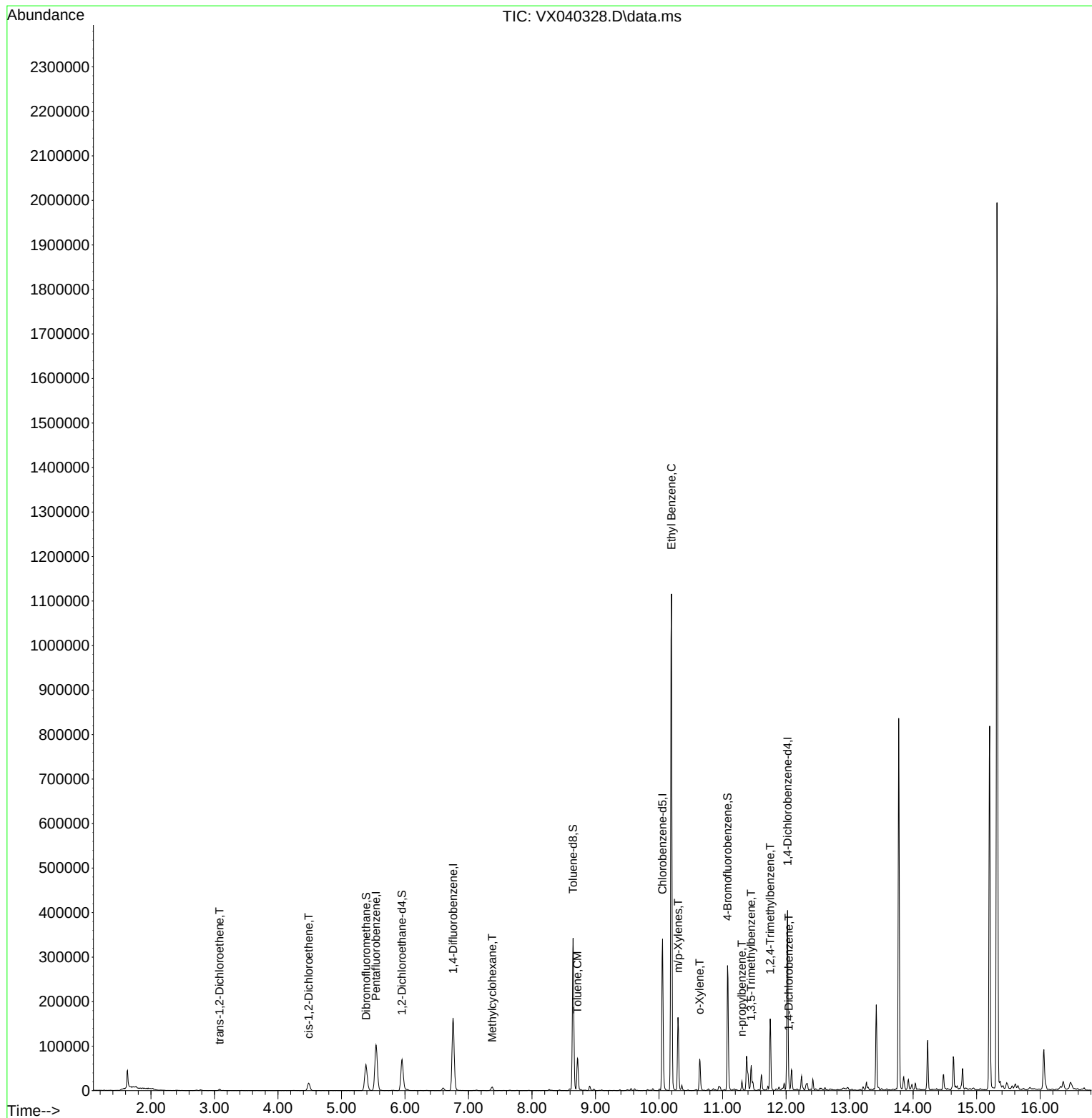
Internal Standards						
1) Pentafluorobenzene	5.544	168	94265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66446	47.381	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.760%		
35) Dibromofluoromethane	5.385	113	50595	44.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.440%		
50) Toluene-d8	8.647	98	201013	46.962	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.920%		
62) 4-Bromofluorobenzene	11.079	95	74573	42.718	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.440%		
Target Compounds						Qvalue
21) trans-1,2-Dichloroethene	3.081	96	1312	1.197	ug/l	90
27) cis-1,2-Dichloroethene	4.483	96	10598	8.476	ug/l	87
39) Methylcyclohexane	7.373	83	3484	1.870	ug/l	98
52) Toluene	8.714	92	27017	9.202	ug/l	93
67) Ethyl Benzene	10.195	91	645441	116.768	ug/l	99
68) m/p-Xylenes	10.299	106	36246	17.362	ug/l	95
69) o-Xylene	10.640	106	15016	7.402	ug/l	95
78) n-propylbenzene	11.305	91	13199	1.962	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	23144	4.949	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	70125	14.821	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	3746	1.361	ug/l #	81

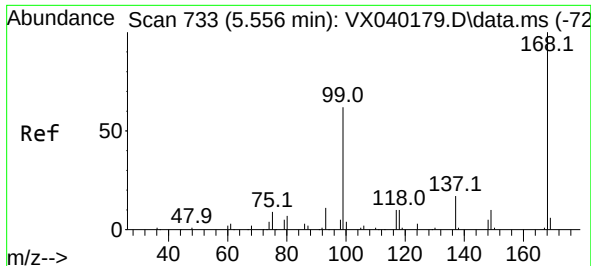
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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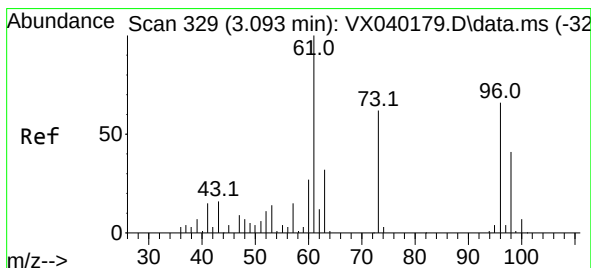
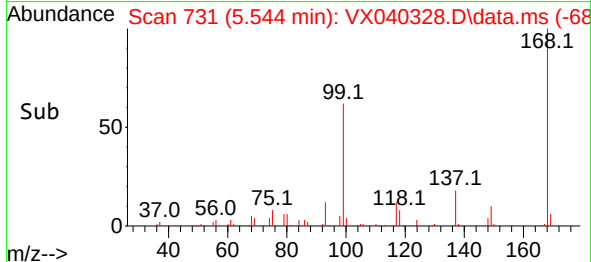
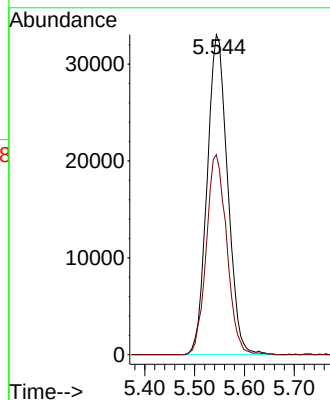
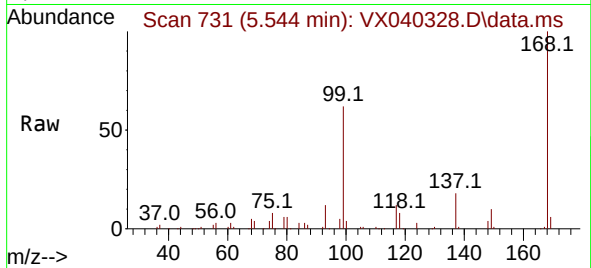




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

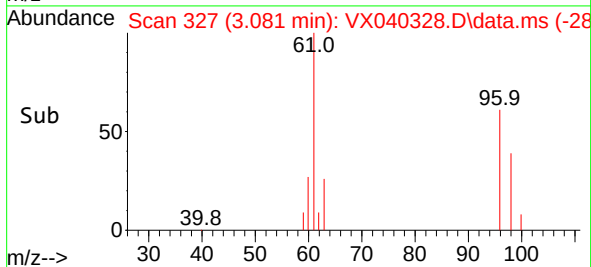
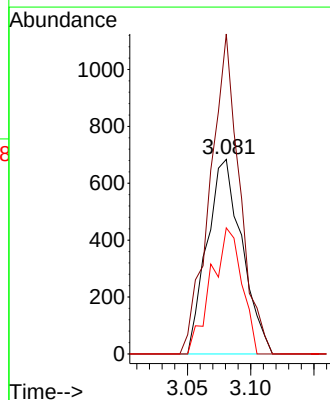
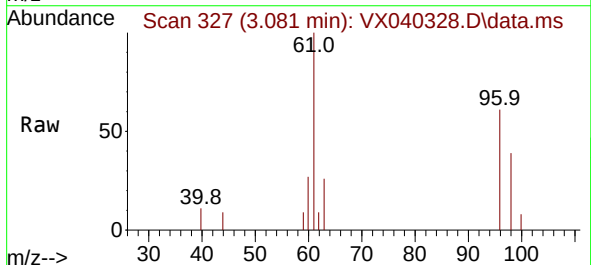
Instrument :
MSVOA_X
ClientSampleId :
B-4(4-6)

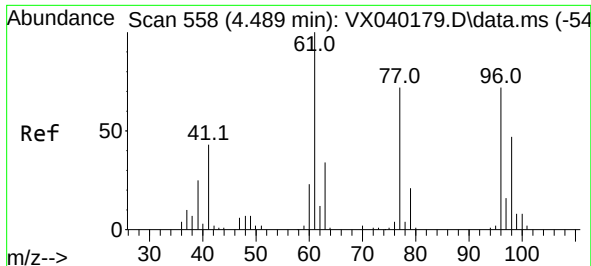
Tgt Ion:168 Resp: 94265
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#21
trans-1,2-Dichloroethene
Concen: 1.197 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

Tgt Ion: 96 Resp: 1312
Ion Ratio Lower Upper
96 100
61 164.5 119.2 178.8
98 64.8 48.7 73.1

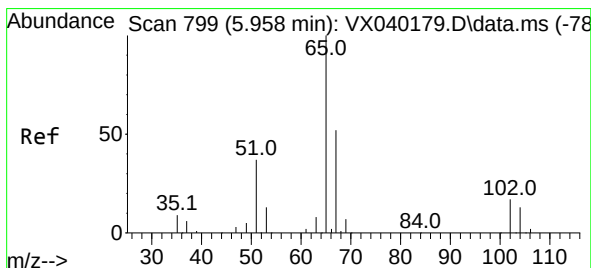
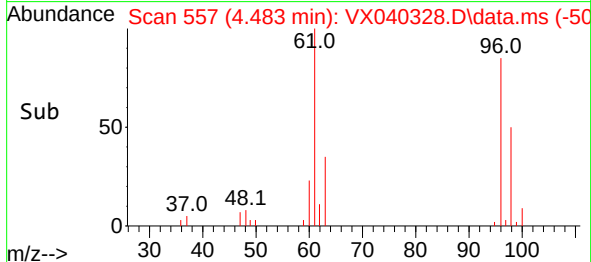
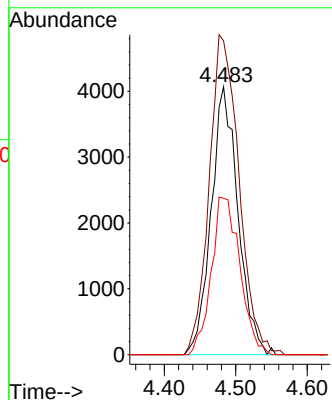
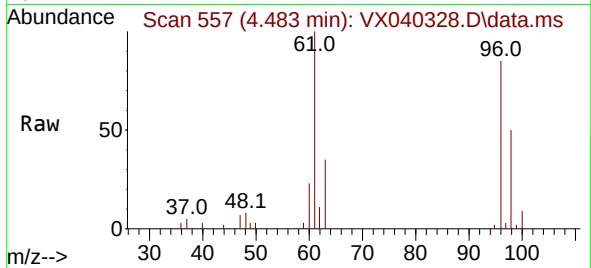




#27
 cis-1,2-Dichloroethene
 Concen: 8.476 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX040328.D
 Acq: 19 Feb 2024 14:18

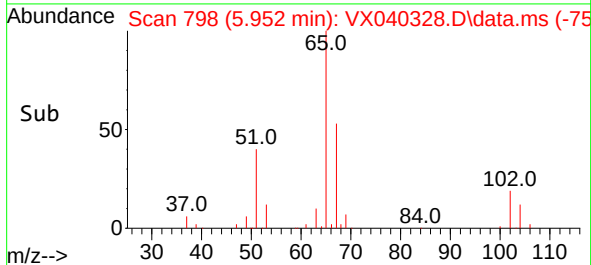
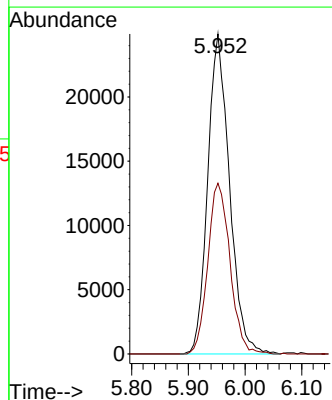
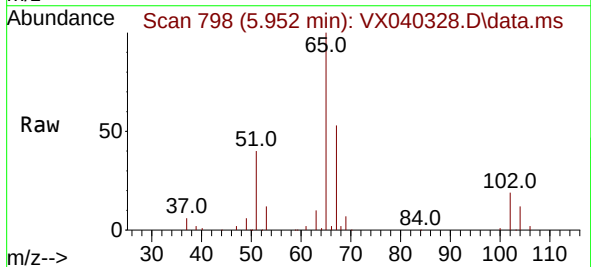
Instrument :
 MSVOA_X
 ClientSampleId :
 B-4(4-6)

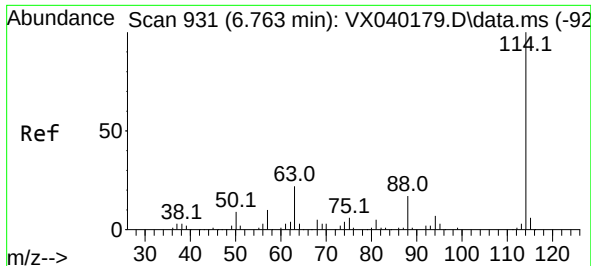
Tgt Ion: 96 Resp: 10598
 Ion Ratio Lower Upper
 96 100
 61 132.8 0.0 312.2
 98 62.7 0.0 129.0



#33
 1,2-Dichloroethane-d4
 Concen: 47.381 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX040328.D
 Acq: 19 Feb 2024 14:18

Tgt Ion: 65 Resp: 66446
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 100.2

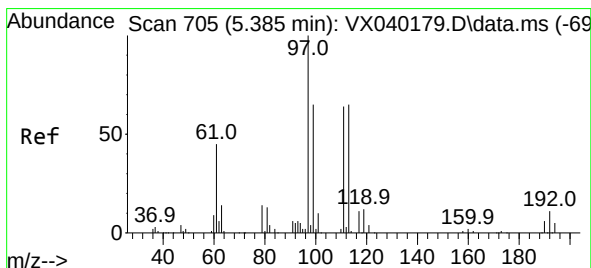
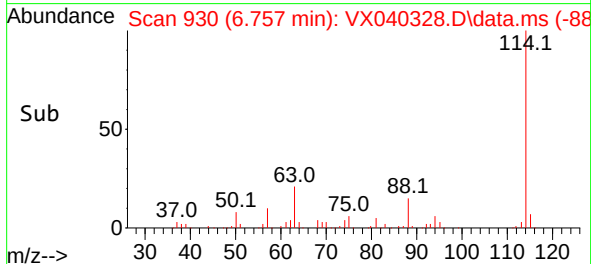
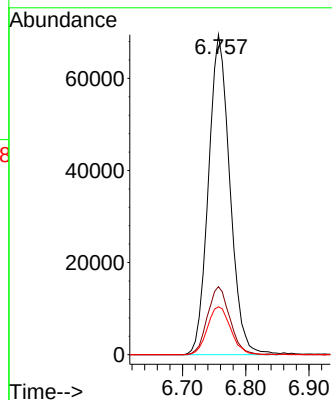
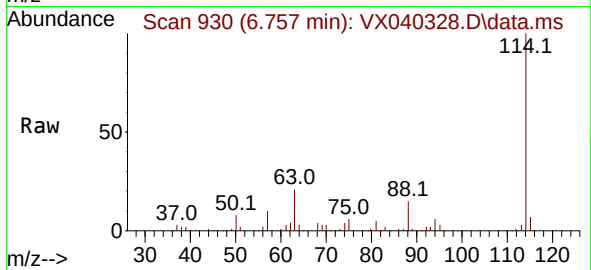




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

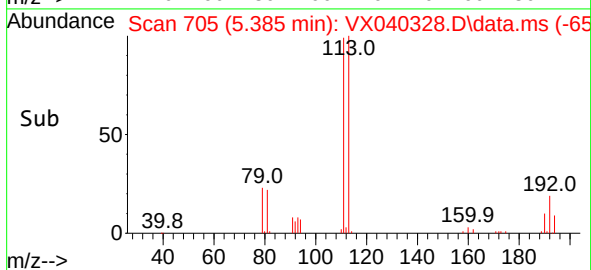
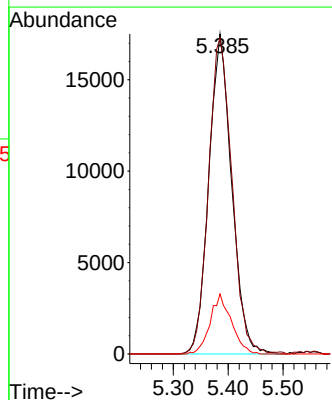
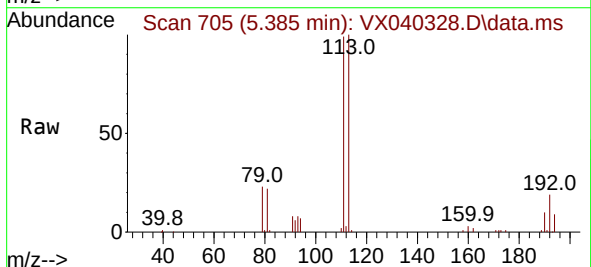
Instrument :
MSVOA_X
ClientSampleId :
B-4(4-6)

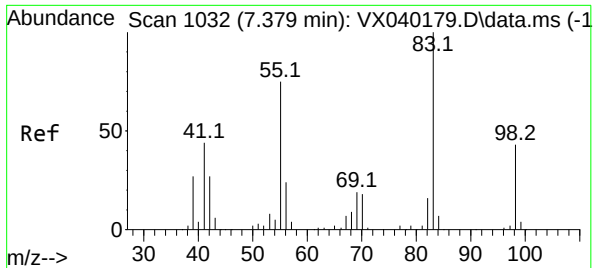
Tgt Ion:114 Resp: 163853
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.216 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

Tgt Ion:113 Resp: 50595
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 17.5 13.3 19.9

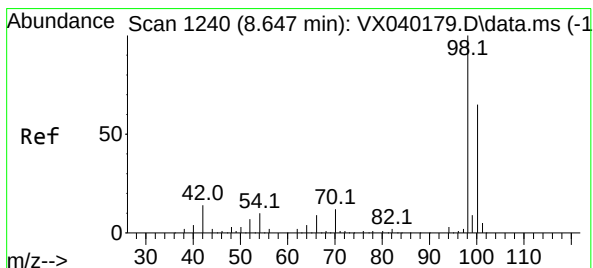
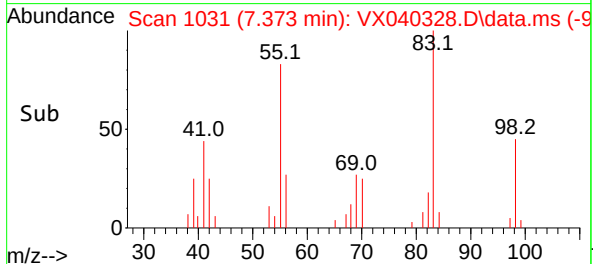
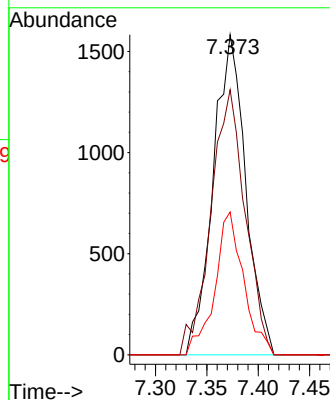
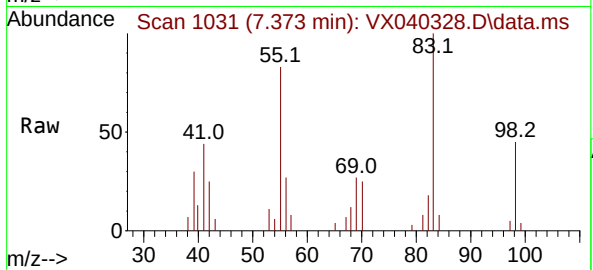




#39
Methylcyclohexane
Concen: 1.870 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

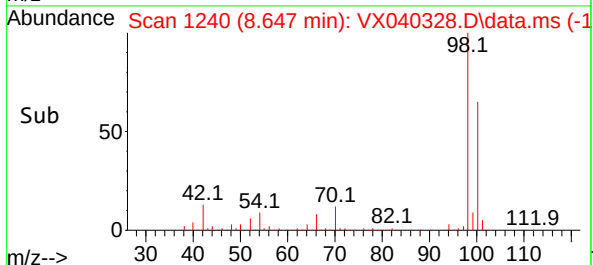
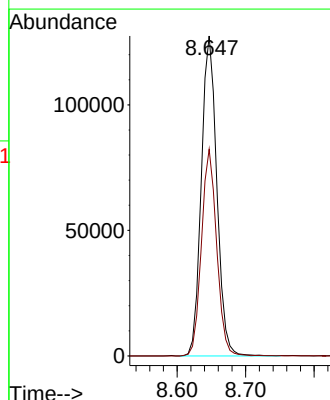
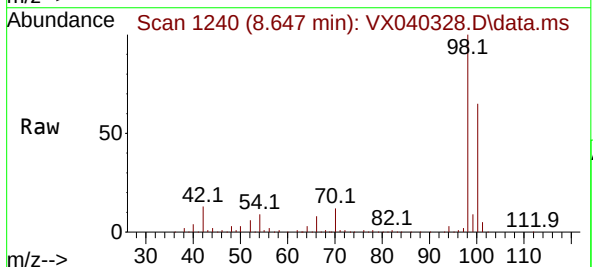
Instrument :
MSVOA_X
ClientSampleId :
B-4(4-6)

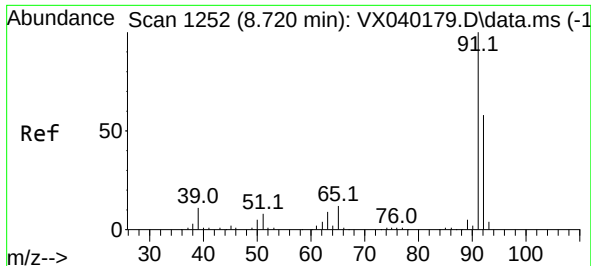
Tgt Ion: 83 Resp: 3484
Ion Ratio Lower Upper
83 100
55 82.8 64.6 97.0
98 44.6 36.7 55.1



#50
Toluene-d8
Concen: 46.962 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

Tgt Ion: 98 Resp: 201013
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

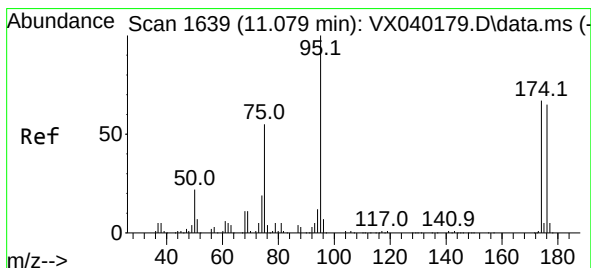
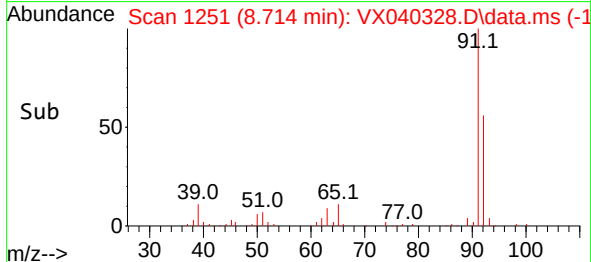
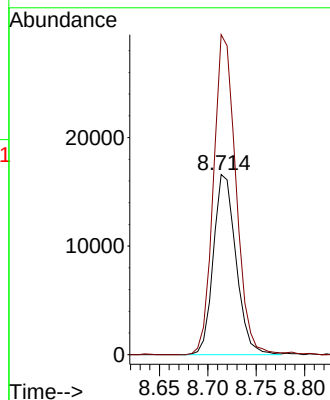
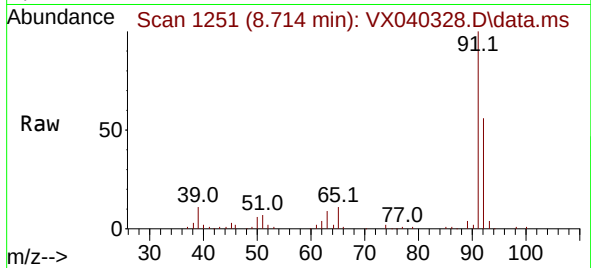




#52
Toluene
Concen: 9.202 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

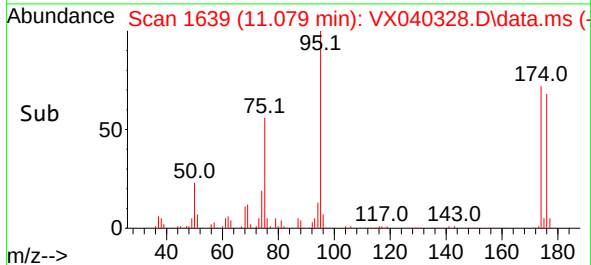
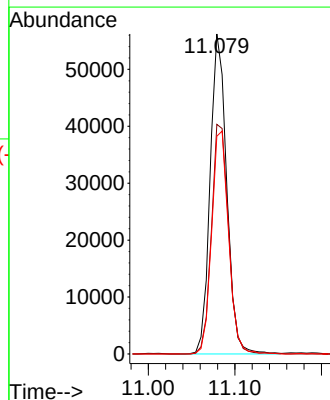
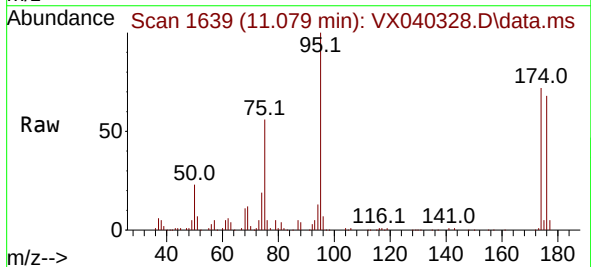
Instrument :
MSVOA_X
ClientSampleId :
B-4(4-6)

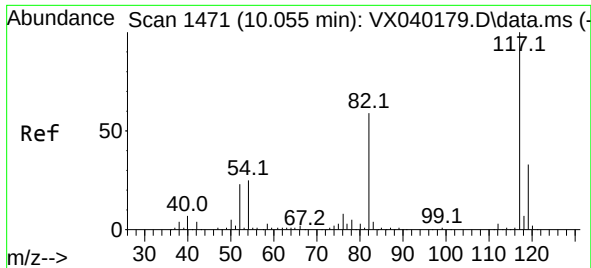
Tgt Ion: 92 Resp: 27017
Ion Ratio Lower Upper
92 100
91 177.4 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 42.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

Tgt Ion: 95 Resp: 74573
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 71.4 0.0 131.0

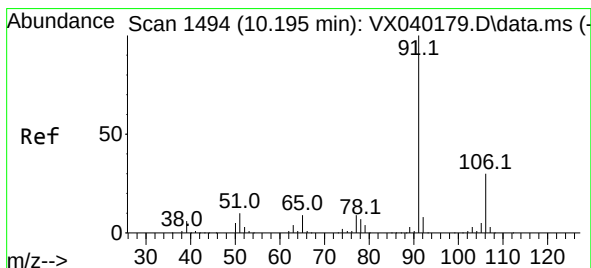
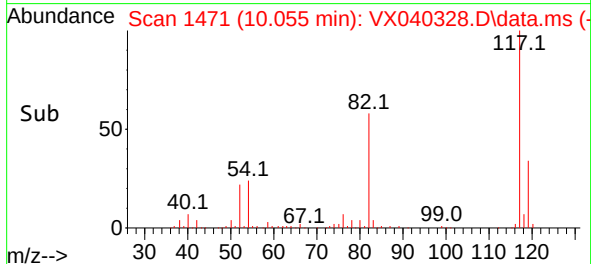
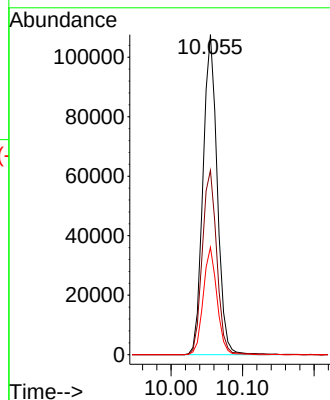
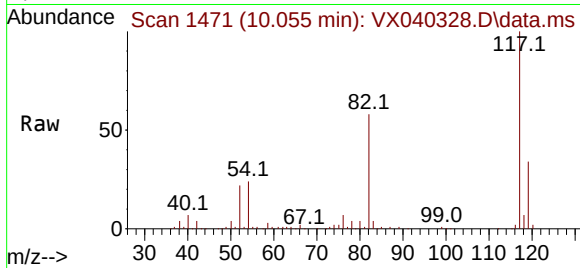




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

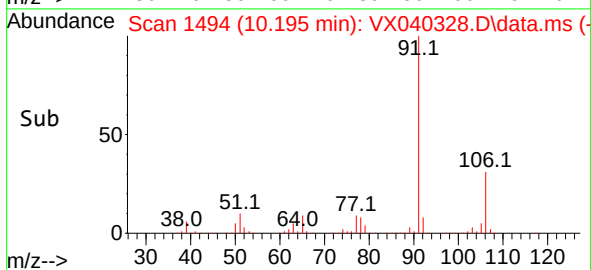
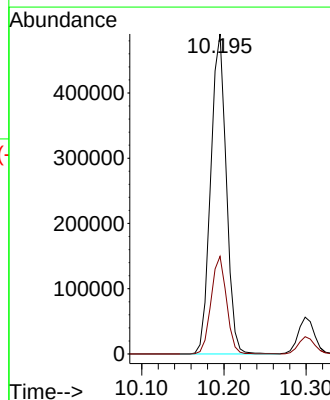
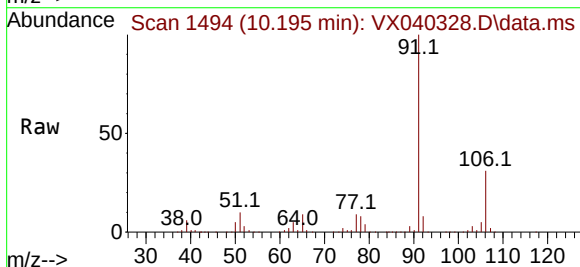
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B-4(4-6)

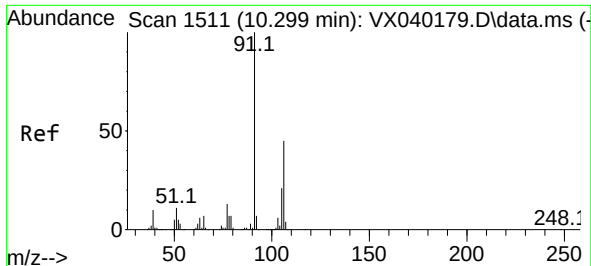
Tgt Ion:117 Resp: 148710
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 33.5 25.5 38.3



#67
Ethyl Benzene
Concen: 116.768 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

Tgt Ion: 91 Resp: 645441
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

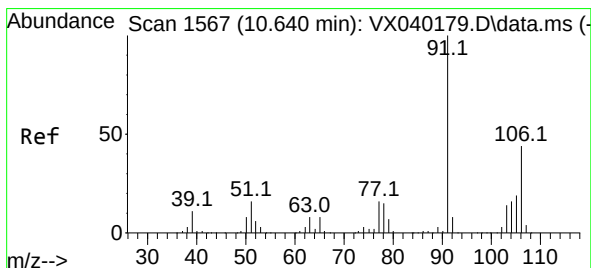
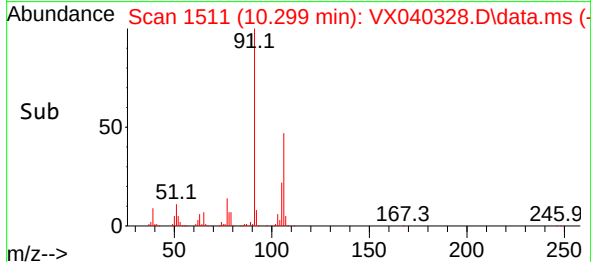
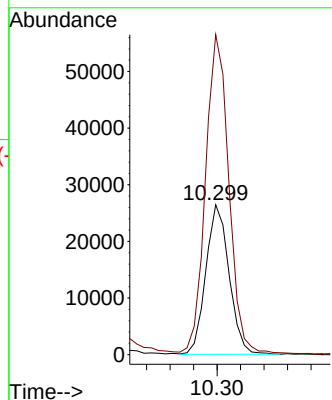
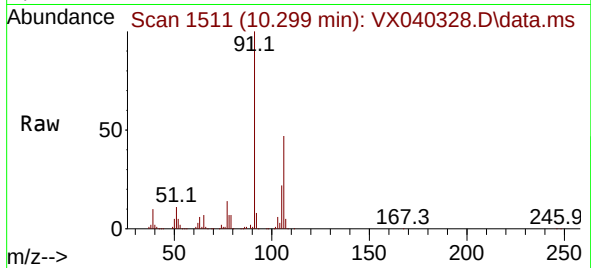




#68
m/p-Xylenes
Concen: 17.362 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

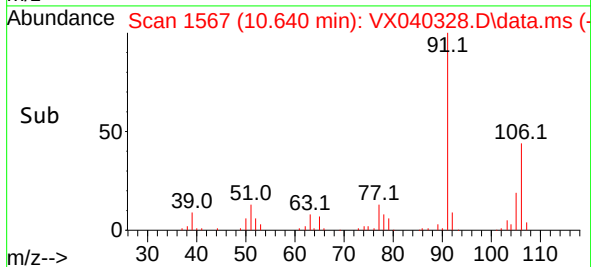
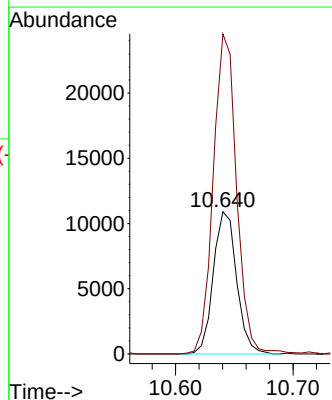
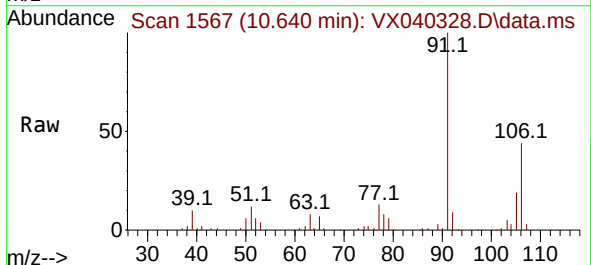
Instrument :
MSVOA_X
ClientSampleId :
B-4(4-6)

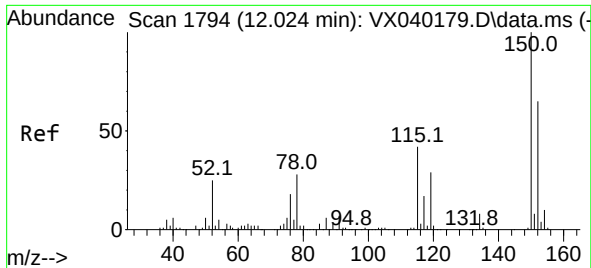
Tgt Ion:106 Resp: 36246
Ion Ratio Lower Upper
106 100
91 215.2 165.5 248.3



#69
o-Xylene
Concen: 7.402 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

Tgt Ion:106 Resp: 15016
Ion Ratio Lower Upper
106 100
91 225.3 108.9 326.8

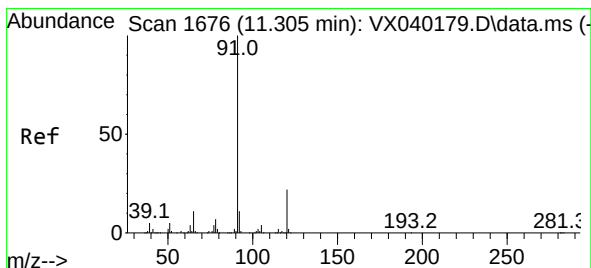
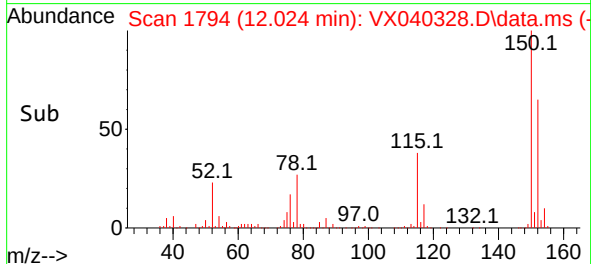
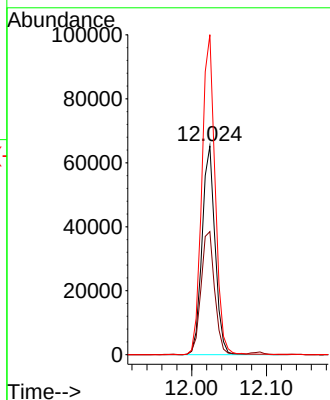
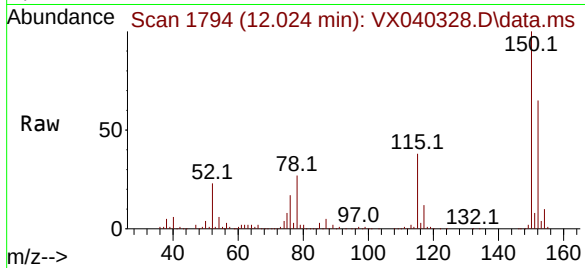




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

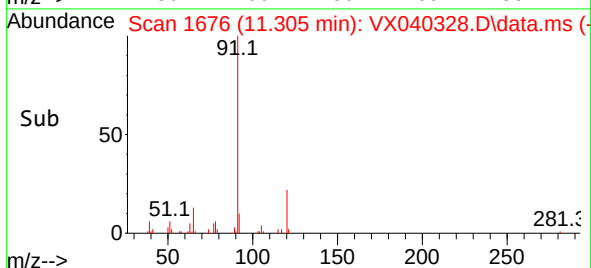
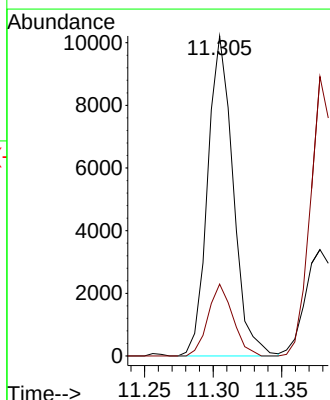
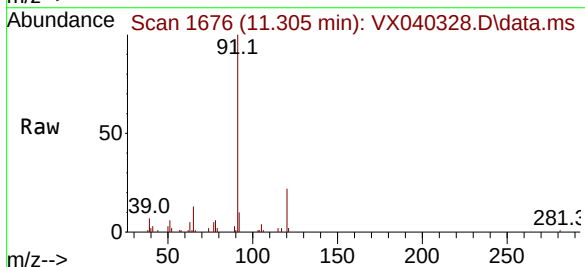
Instrument :
MSVOA_X
ClientSampleId :
B-4(4-6)

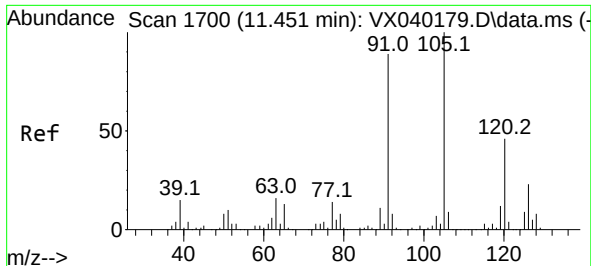
Tgt Ion:152 Resp: 78873
Ion Ratio Lower Upper
152 100
115 62.1 43.3 129.9
150 156.2 0.0 345.0



#78
n-propylbenzene
Concen: 1.962 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

Tgt Ion: 91 Resp: 13199
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4

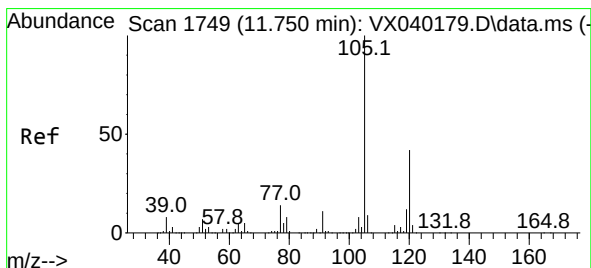
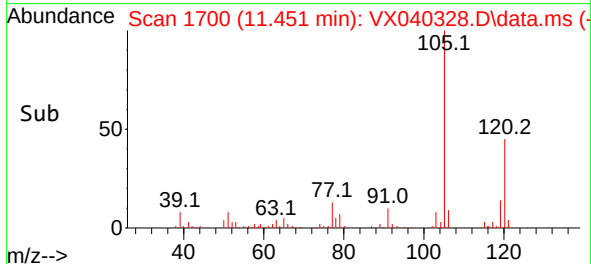
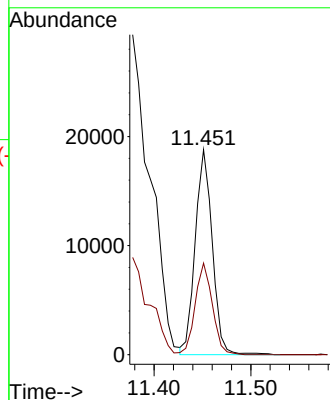
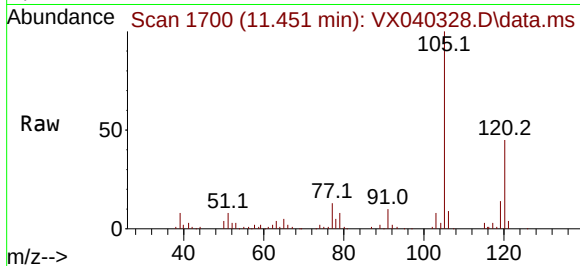




#80
1,3,5-Trimethylbenzene
Concen: 4.949 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

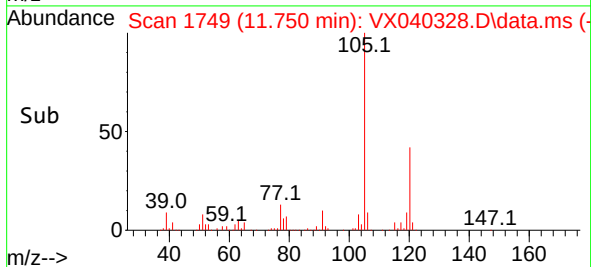
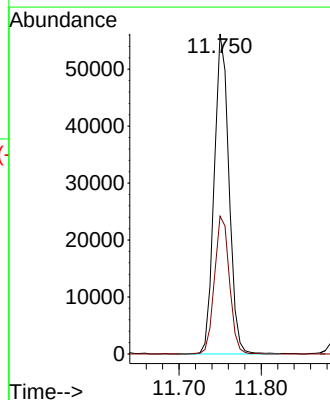
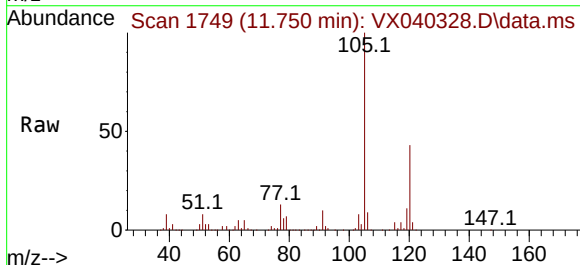
Instrument :
MSVOA_X
ClientSampleId :
B-4(4-6)

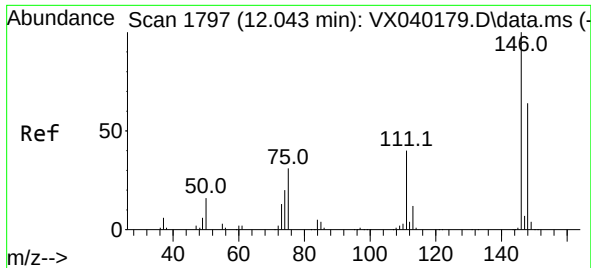
Tgt Ion:105 Resp: 23144
Ion Ratio Lower Upper
105 100
120 45.1 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 14.821 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040328.D
Acq: 19 Feb 2024 14:18

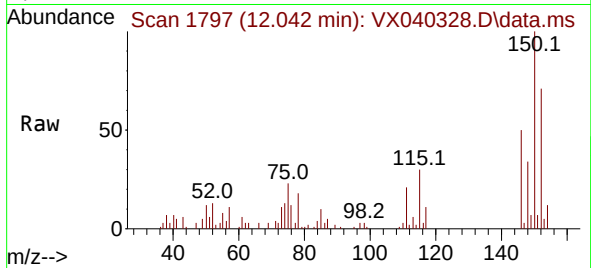
Tgt Ion:105 Resp: 70125
Ion Ratio Lower Upper
105 100
120 43.5 21.2 63.6





#88
 1,4-Dichlorobenzene
 Concen: 1.361 ug/l
 RT: 12.042 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040328.D
 Acq: 19 Feb 2024 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 B-4(4-6)



Tgt Ion:146 Resp: 3746
 Ion Ratio Lower Upper
 146 100
 111 66.3 21.3 63.7#
 148 69.4 31.8 95.4

