

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040324.D
 Acq On : 19 Feb 2024 12:44
 Operator : JC/MD
 Sample : P1395-02 10X
 Misc : 4.23g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-3(10-12)

Quant Time: Feb 20 01:12:46 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)

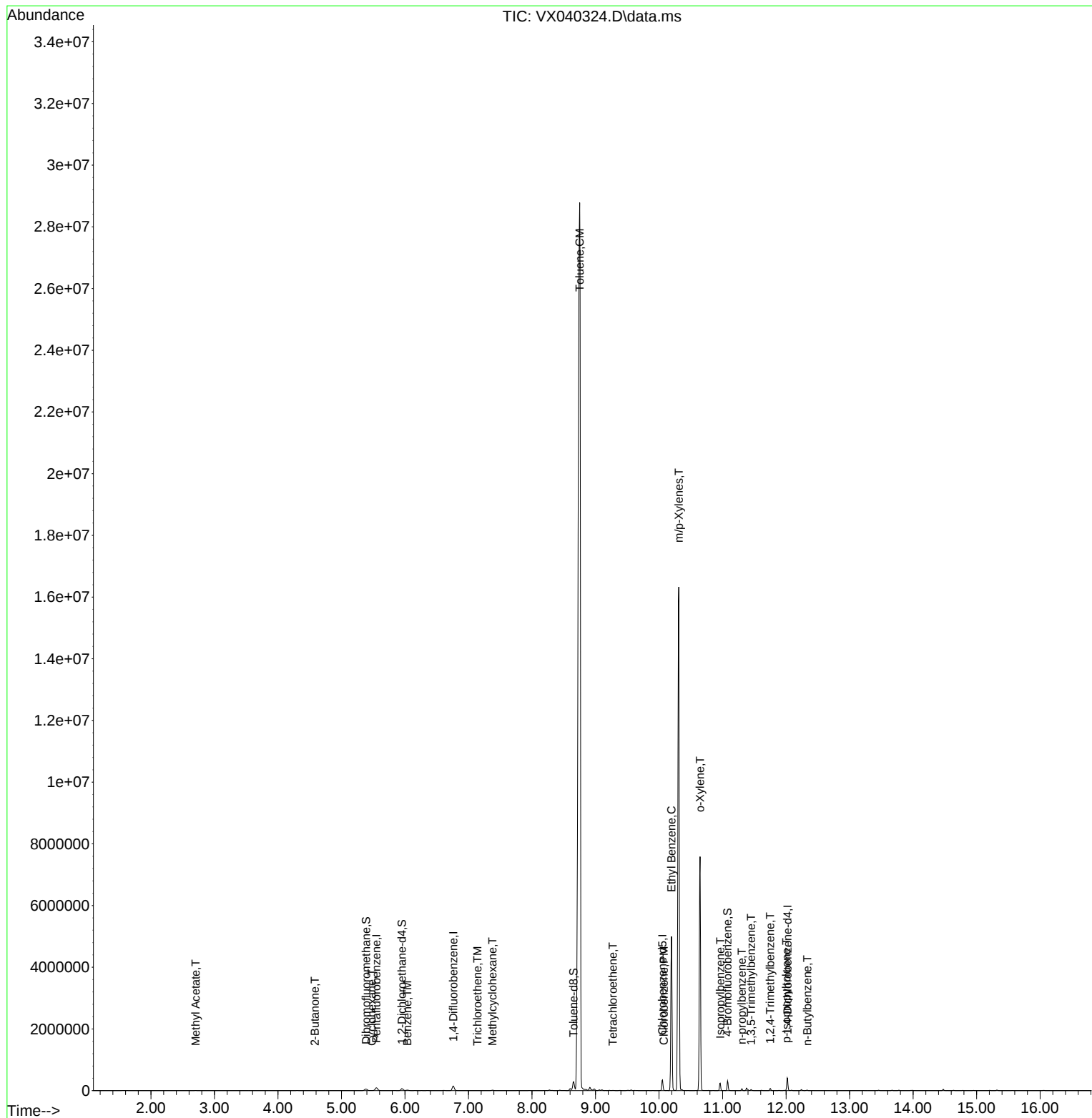
Internal Standards						
1) Pentafluorobenzene	5.549	168	86511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64763	50.320	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.640%	
35) Dibromofluoromethane	5.385	113	48564	45.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.740%	
50) Toluene-d8	8.653	98	193196	48.779	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.560%	
62) 4-Bromofluorobenzene	11.079	95	80853	50.054	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.100%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.702	43	6696	4.725	ug/l	95
25) 2-Butanone	4.580	43	1103	1.335	ug/l	96
31) Cyclohexane	5.476	56	2851	1.857	ug/l	96
39) Methylcyclohexane	7.378	83	7109	4.124	ug/l	99
40) Benzene	6.037	78	21872	5.273	ug/l	98
44) Trichloroethene	7.141	130	474	0.414	ug/l	95
52) Toluene	8.750	92	17468928	6429.977	ug/l	77
64) Tetrachloroethene	9.274	164	421	0.403	ug/l #	86
65) Chlorobenzene	10.073	112	1001	0.322	ug/l #	76
67) Ethyl Benzene	10.195	91	2871617	518.205	ug/l	100
68) m/p-Xylenes	10.311	106	3863349	1845.955	ug/l	95
69) o-Xylene	10.646	106	1581026	777.381	ug/l	99
73) Isopropylbenzene	10.963	105	127286	22.512	ug/l	99
78) n-propylbenzene	11.305	91	38235	5.586	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	14596	3.066	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	32458	6.740	ug/l	99
86) p-Isopropyltoluene	12.006	119	11069	2.251	ug/l	94
89) n-Butylbenzene	12.335	91	8392	1.768	ug/l	88

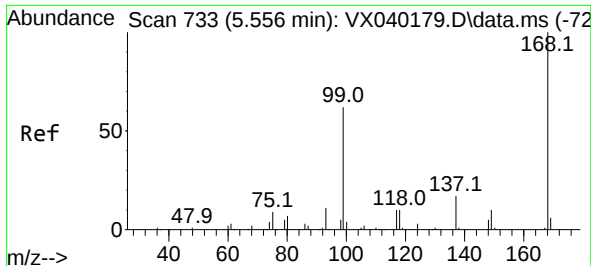
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

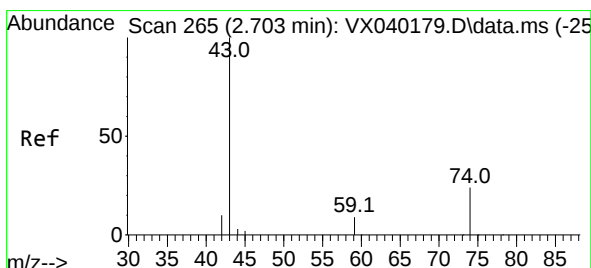
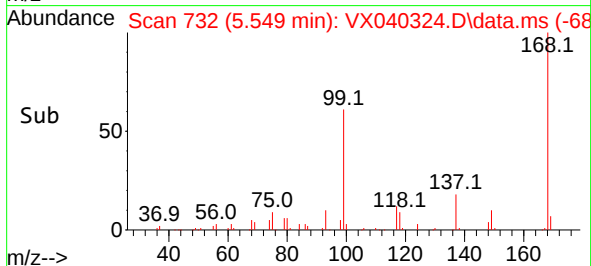
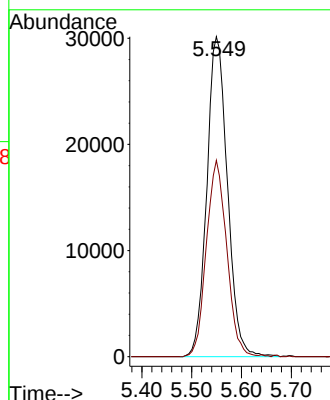
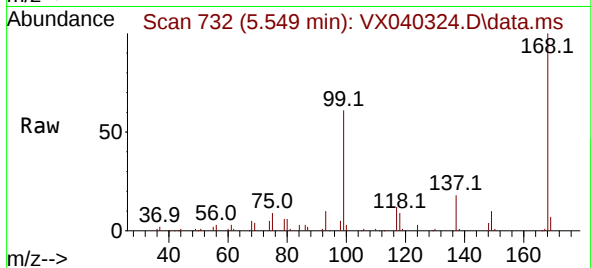
Instrument :

MSVOA_X

ClientSampleId :

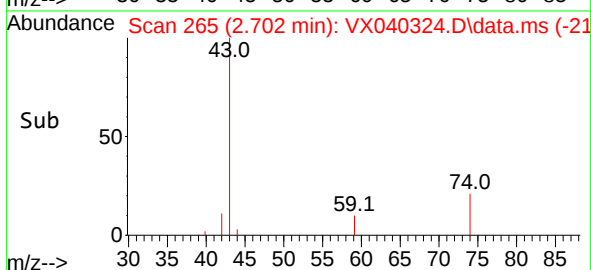
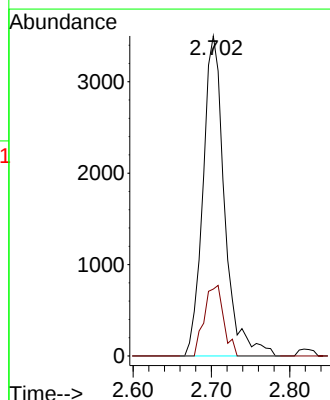
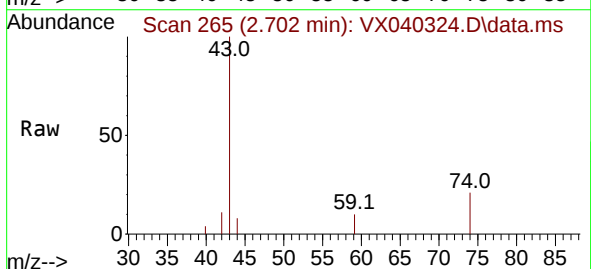
B-3(10-12)

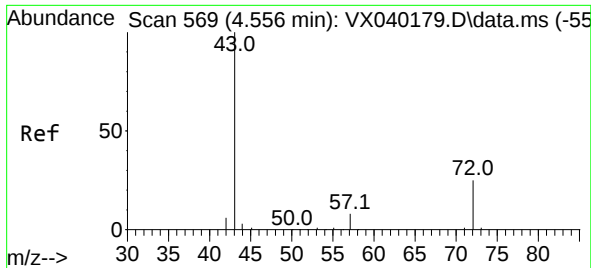
Tgt Ion:168 Resp: 86511
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#18
Methyl Acetate
Concen: 4.725 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

Tgt Ion: 43 Resp: 6696
Ion Ratio Lower Upper
43 100
74 19.8 17.8 26.8

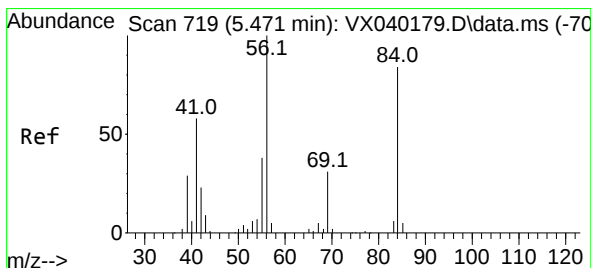
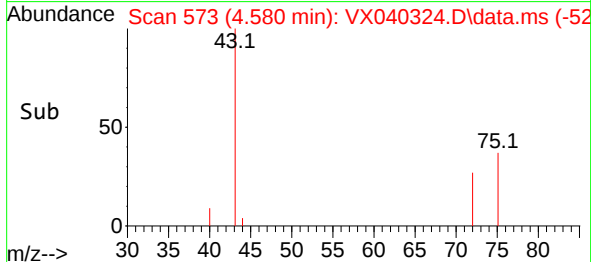
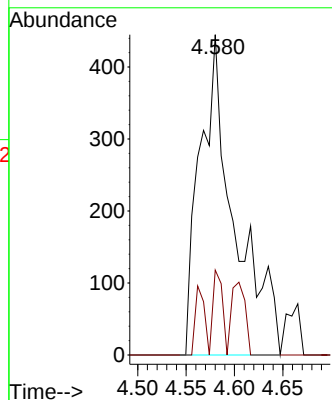
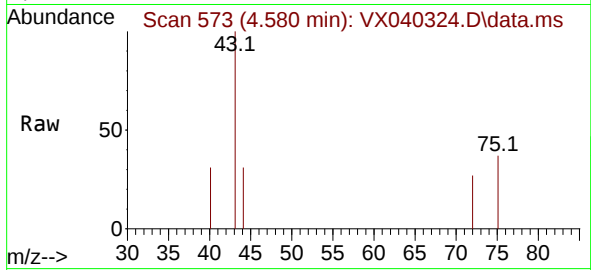




#25
2-Butanone
Concen: 1.335 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

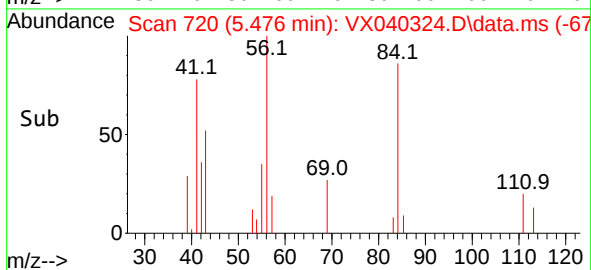
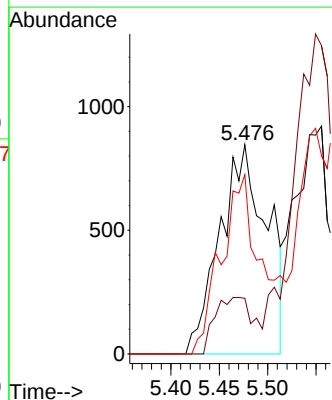
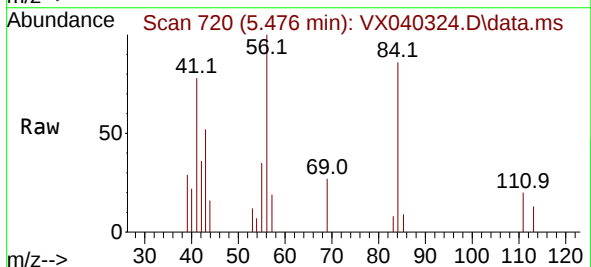
Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)

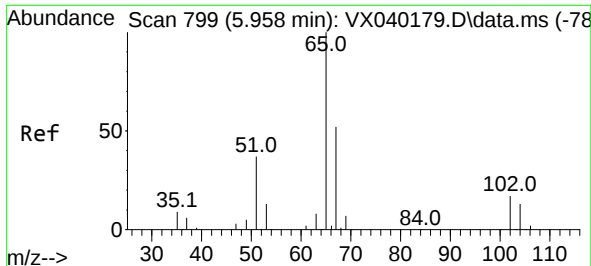
Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2



#31
Cyclohexane
Concen: 1.857 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

Tgt Ion: 56 Resp: 2851
Ion Ratio Lower Upper
56 100
69 26.6 23.4 35.2
84 85.7 65.9 98.9

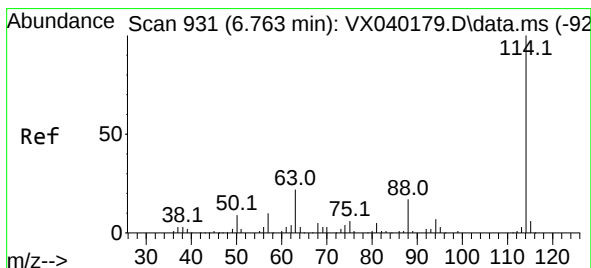
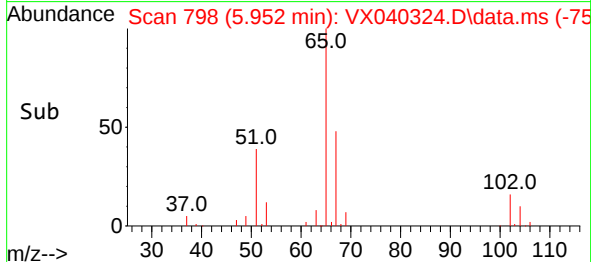
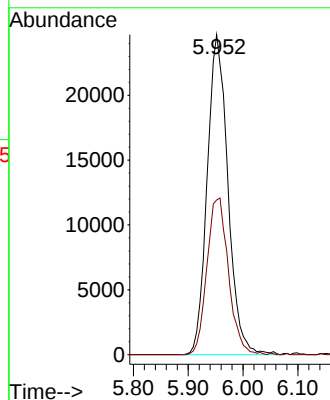
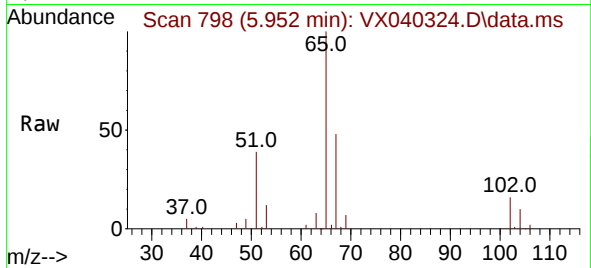




#33
1,2-Dichloroethane-d4
Concen: 50.320 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

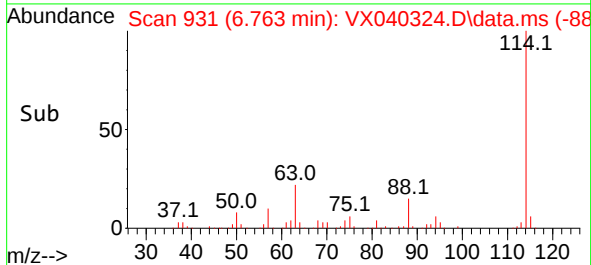
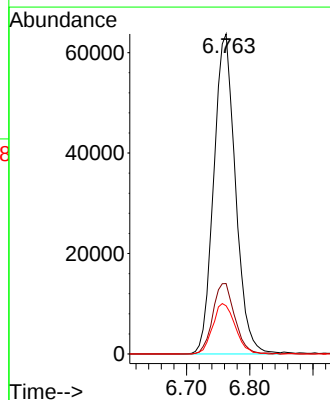
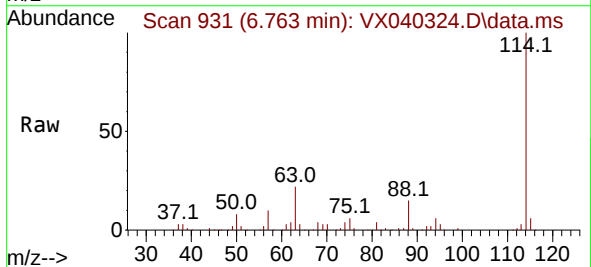
Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)

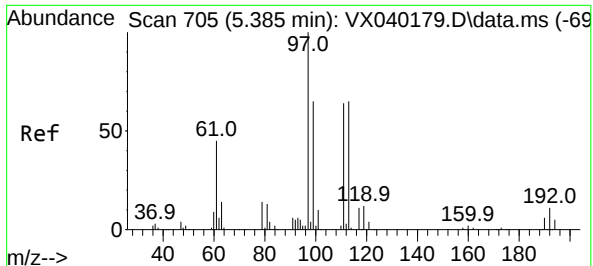
Tgt Ion: 65 Resp: 64763
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

Tgt Ion: 114 Resp: 151615
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.867 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040324.D

Acq: 19 Feb 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

B-3(10-12)

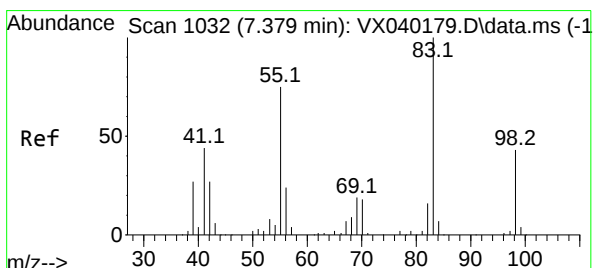
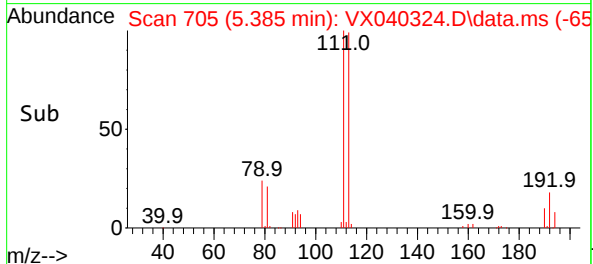
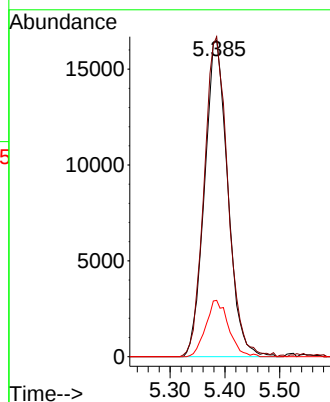
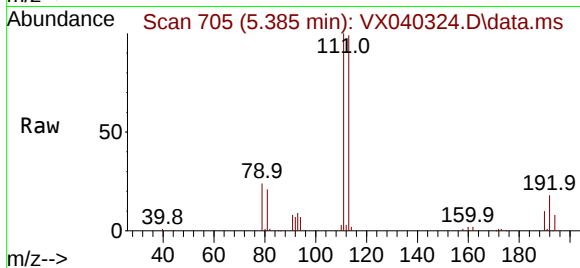
Tgt Ion:113 Resp: 48564

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 17.5 13.3 19.9



#39

Methylcyclohexane

Concen: 4.124 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040324.D

Acq: 19 Feb 2024 12:44

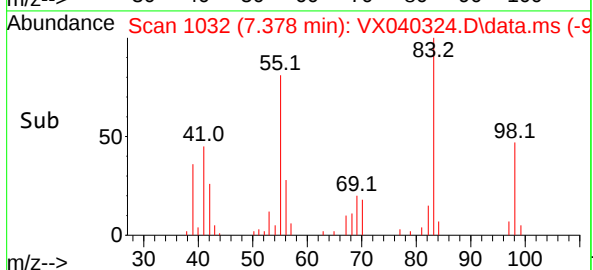
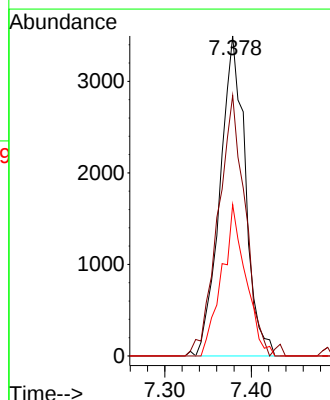
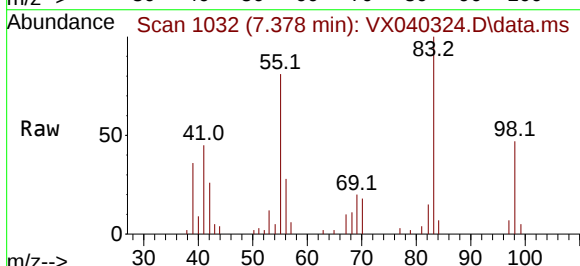
Tgt Ion: 83 Resp: 7109

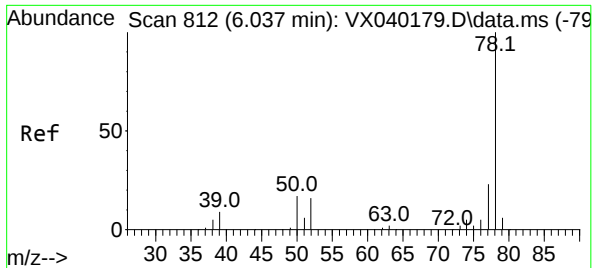
Ion Ratio Lower Upper

83 100

55 81.4 64.6 97.0

98 47.3 36.7 55.1

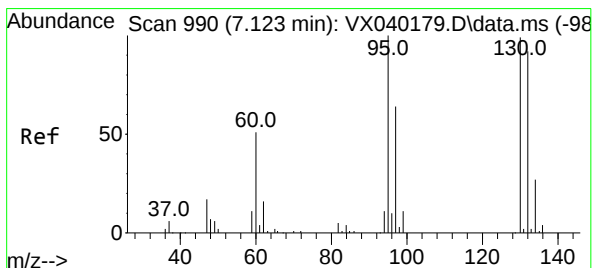
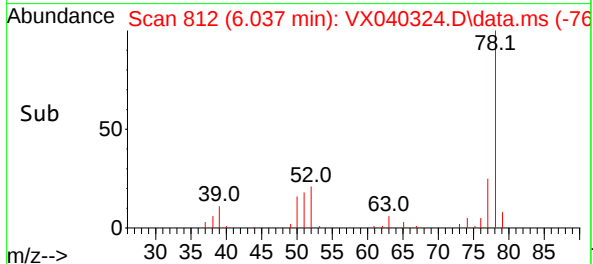
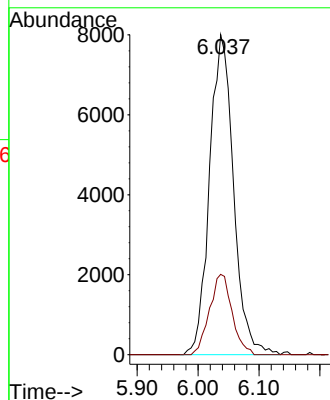
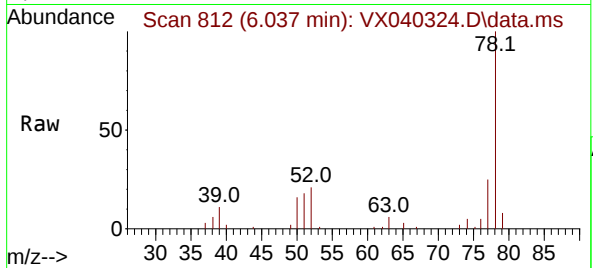




#40
Benzene
Concen: 5.273 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

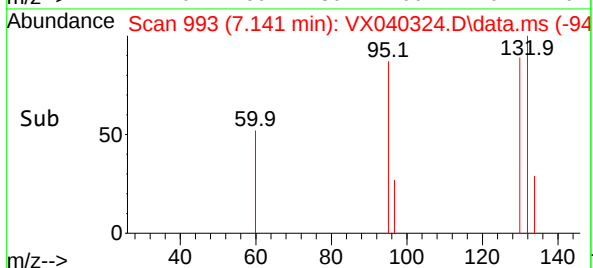
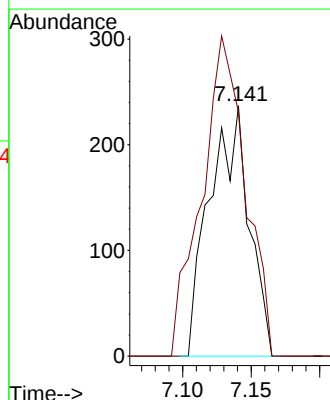
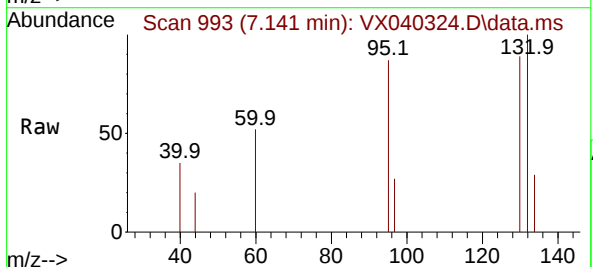
Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)

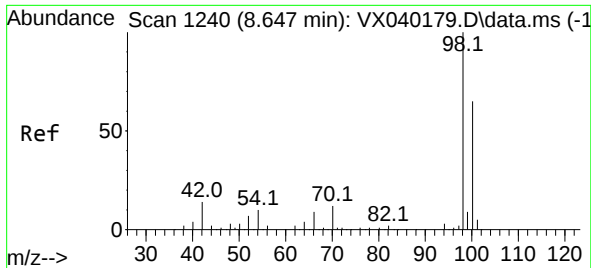
Tgt Ion: 78 Resp: 21872
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9



#44
Trichloroethene
Concen: 0.414 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

Tgt Ion:130 Resp: 474
Ion Ratio Lower Upper
130 100
95 97.5 0.0 204.4

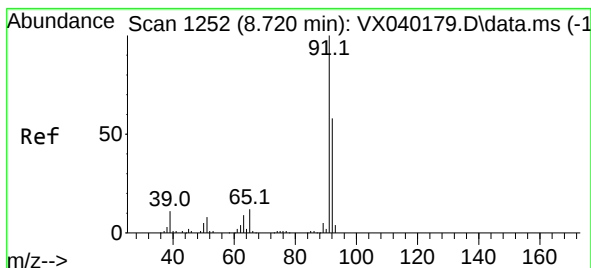
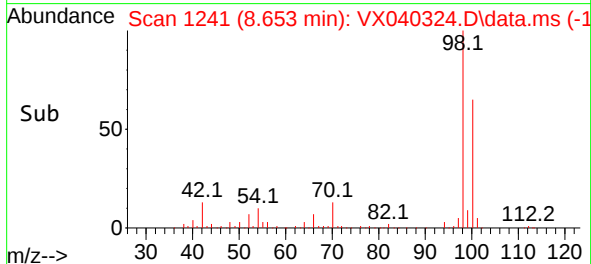
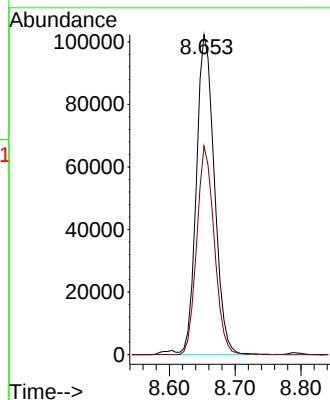
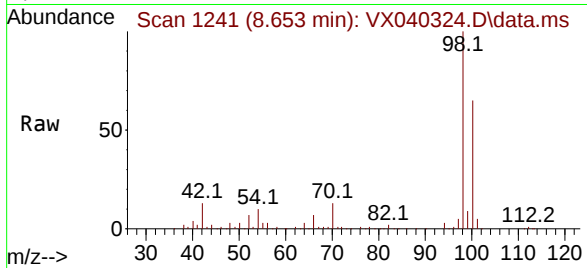




#50
Toluene-d8
Concen: 48.779 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

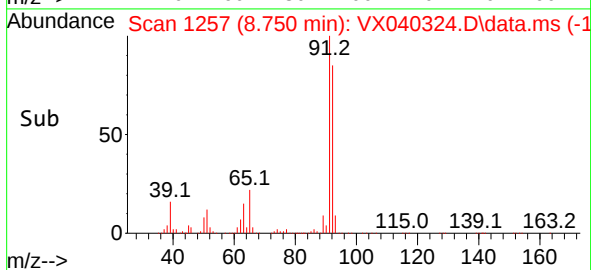
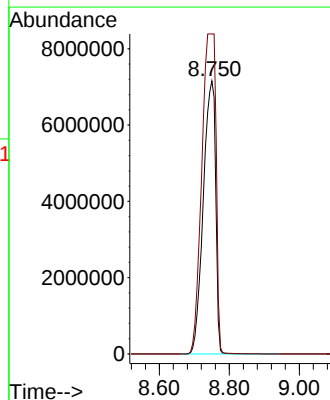
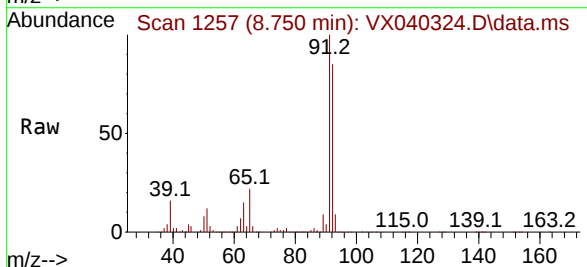
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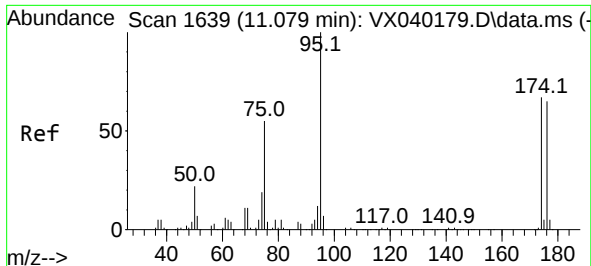
Tgt Ion: 98 Resp: 193196
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#52
Toluene
Concen: 6429.977 ug/l
RT: 8.750 min Scan# 1257
Delta R.T. 0.030 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

Tgt Ion: 92 Resp:17468928
Ion Ratio Lower Upper
92 100
91 136.3 134.2 201.2

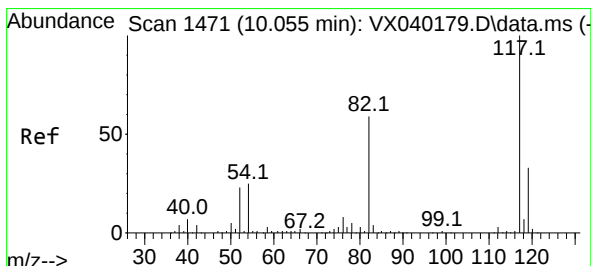
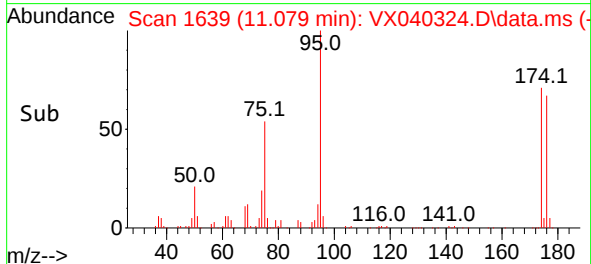
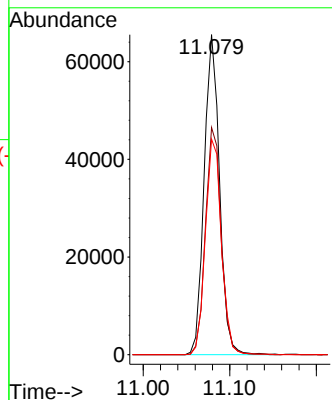
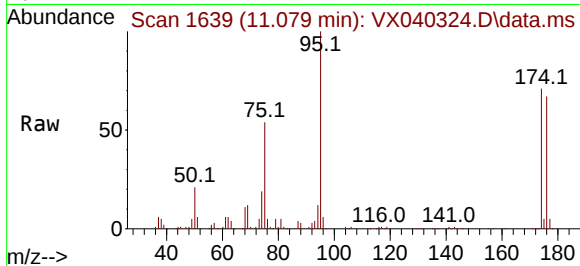




#62
4-Bromofluorobenzene
Concen: 50.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

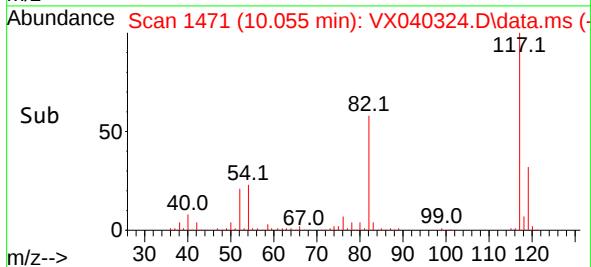
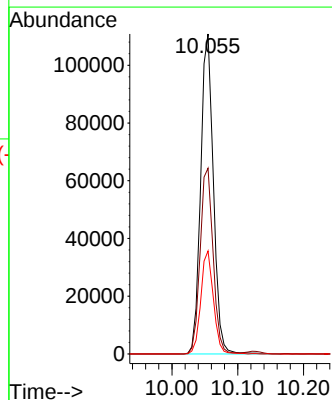
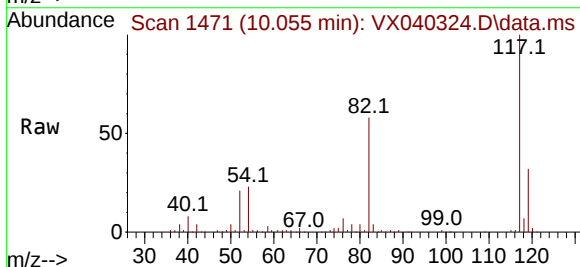
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B-3(10-12)

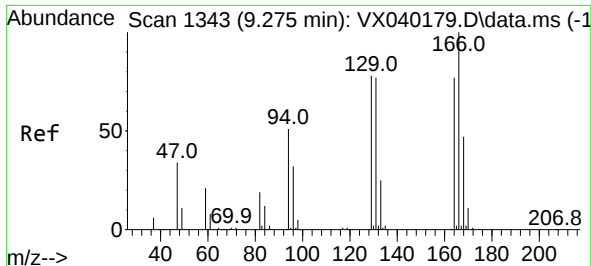
Tgt Ion: 95 Resp: 80853
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

Tgt Ion: 117 Resp: 149084
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 32.2 25.5 38.3

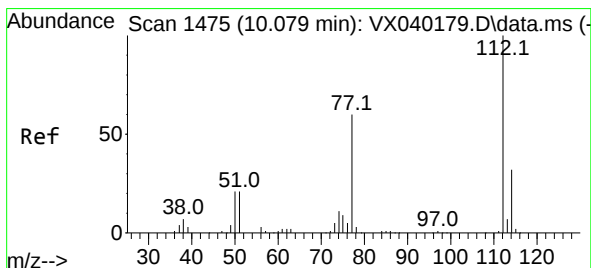
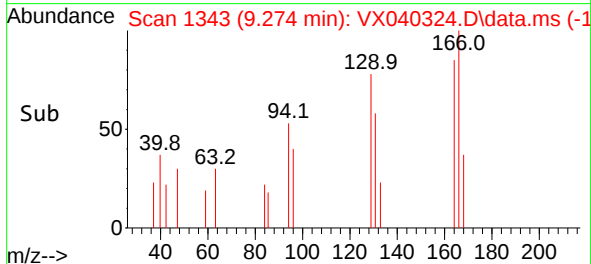
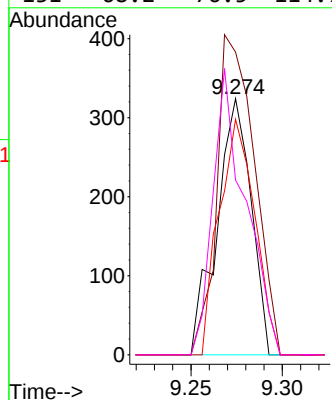
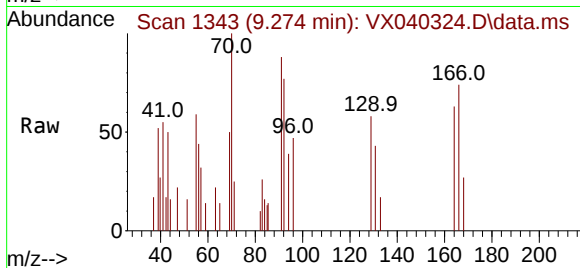




#64
Tetrachloroethene
Concen: 0.403 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

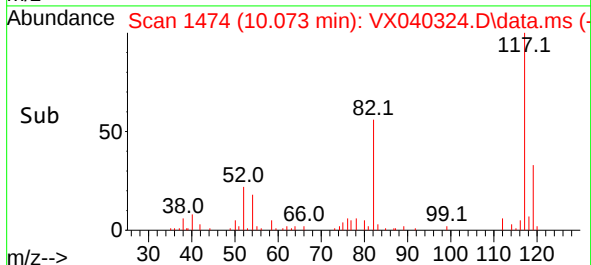
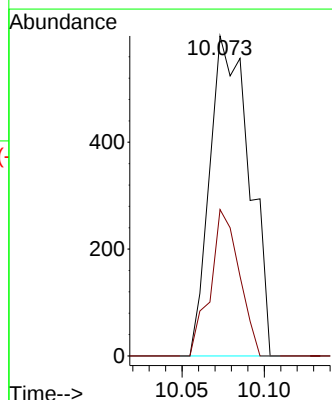
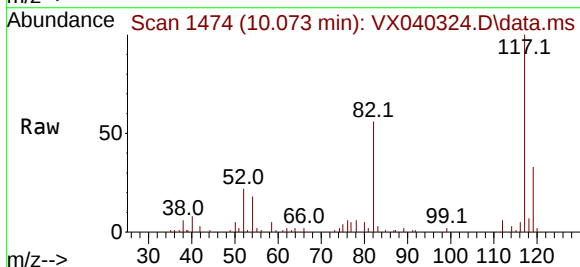
Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)

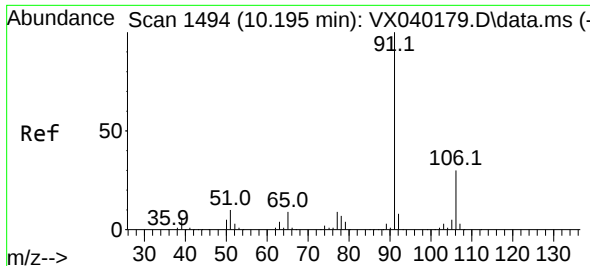
Tgt Ion:164 Resp: 421
Ion Ratio Lower Upper
164 100
166 118.2 102.7 154.1
129 92.0 80.4 120.6
131 68.2 76.5 114.7#



#65
Chlorobenzene
Concen: 0.322 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

Tgt Ion:112 Resp: 1001
Ion Ratio Lower Upper
112 100
114 45.7 25.7 38.5#

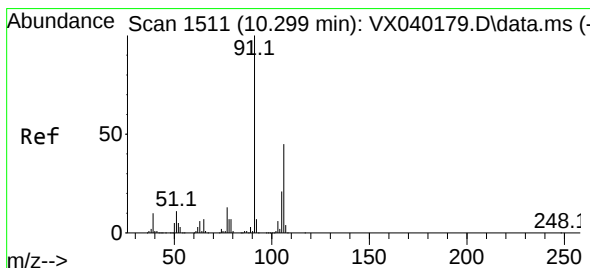
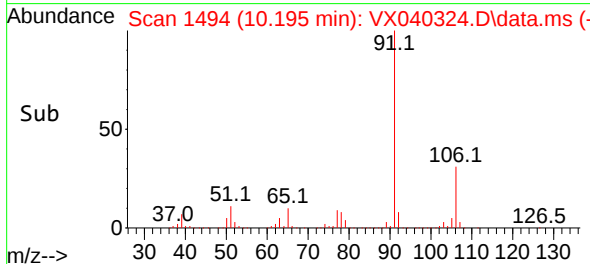
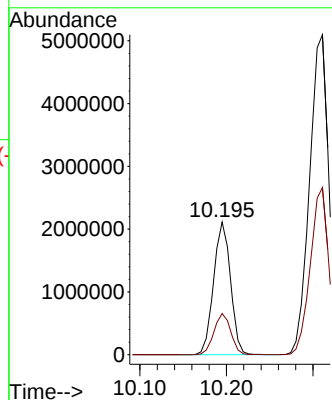
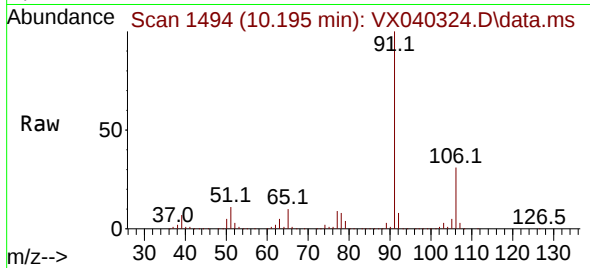




#67
Ethyl Benzene
Concen: 518.205 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

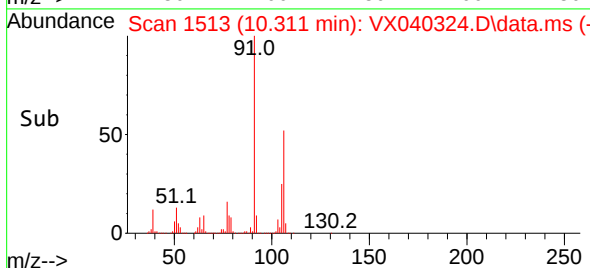
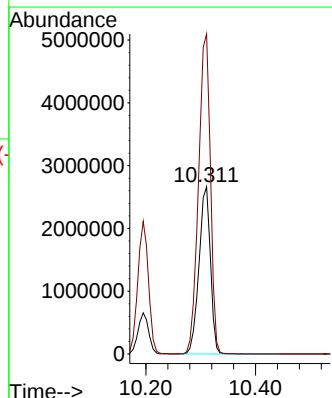
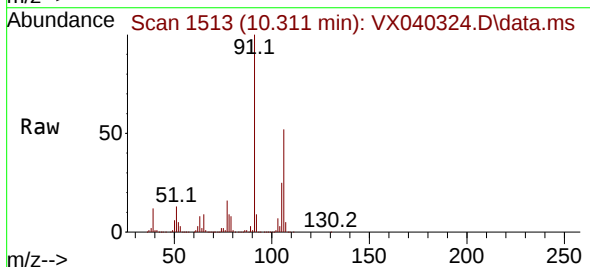
Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)

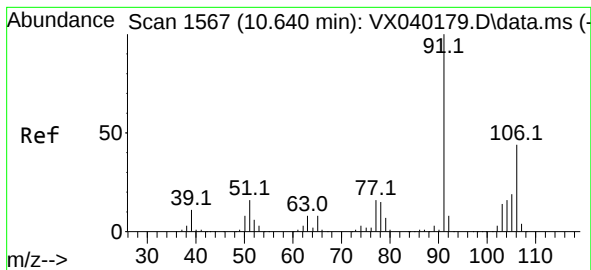
Tgt Ion: 91 Resp: 2871617
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



#68
m/p-Xylenes
Concen: 1845.955 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

Tgt Ion:106 Resp: 3863349
Ion Ratio Lower Upper
106 100
91 199.7 165.5 248.3

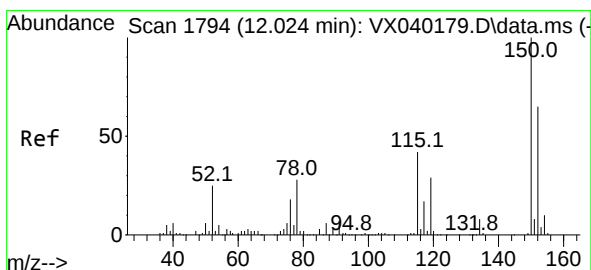
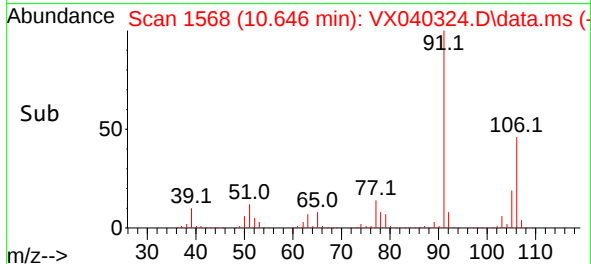
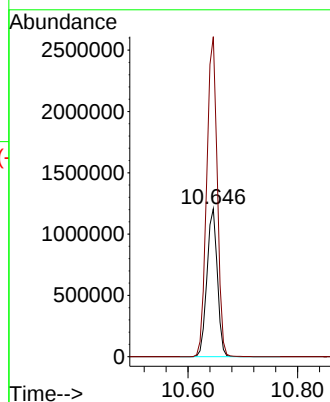
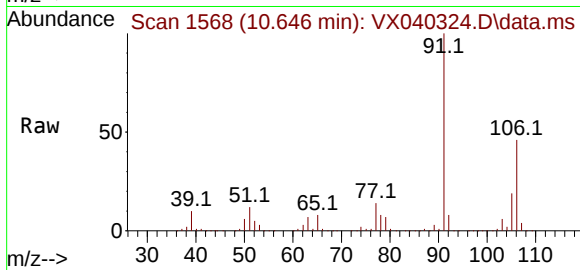




#69
o-Xylene
Concen: 777.381 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

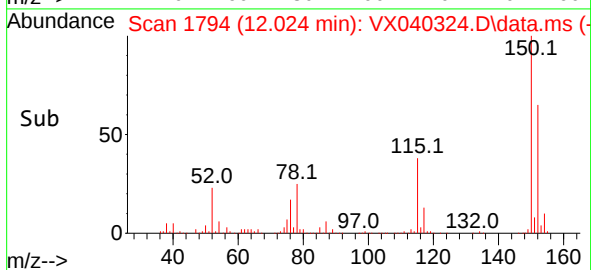
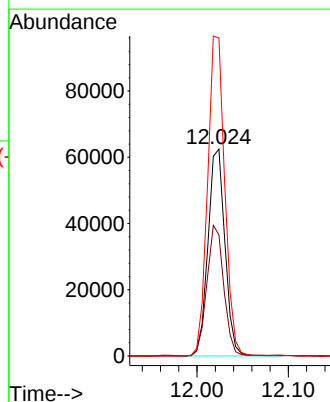
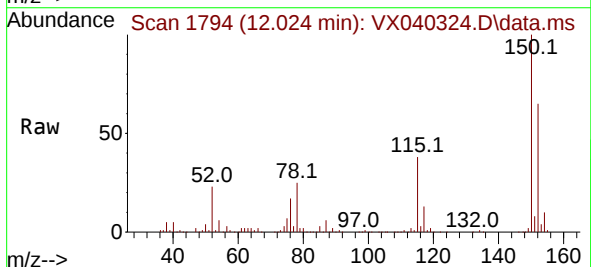
Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)

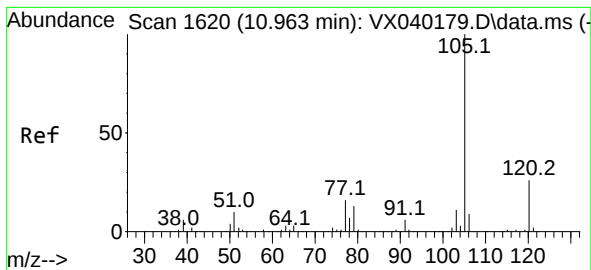
Tgt Ion:106 Resp: 1581026
Ion Ratio Lower Upper
106 100
91 219.7 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040324.D
Acq: 19 Feb 2024 12:44

Tgt Ion:152 Resp: 80277
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 156.4 0.0 345.0





#73

Isopropylbenzene

Concen: 22.512 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040324.D

Acq: 19 Feb 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

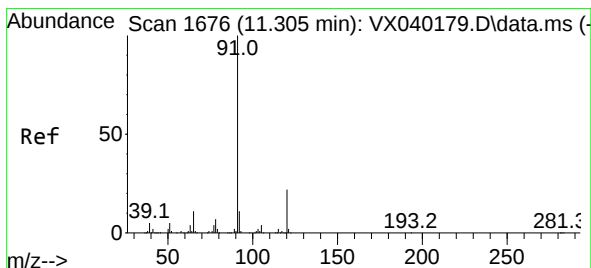
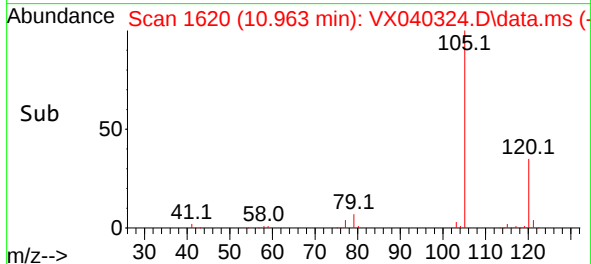
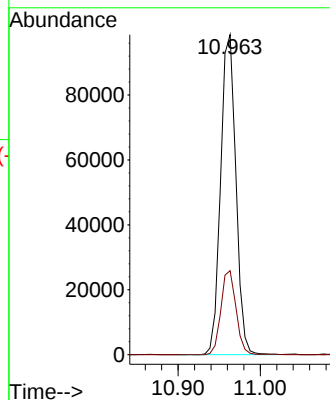
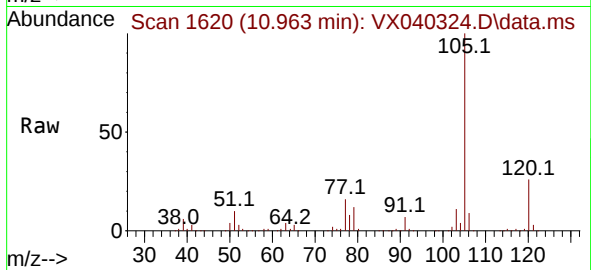
B-3(10-12)

Tgt Ion:105 Resp: 127286

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#78

n-propylbenzene

Concen: 5.586 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040324.D

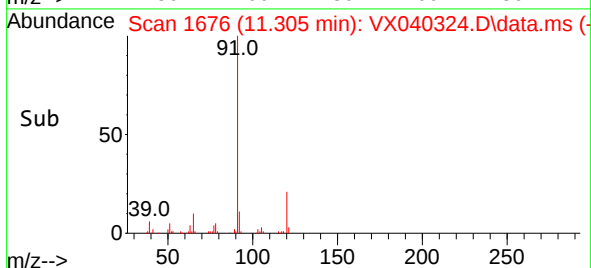
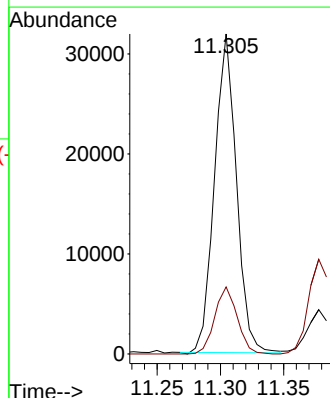
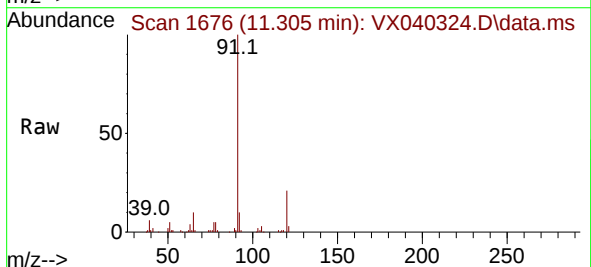
Acq: 19 Feb 2024 12:44

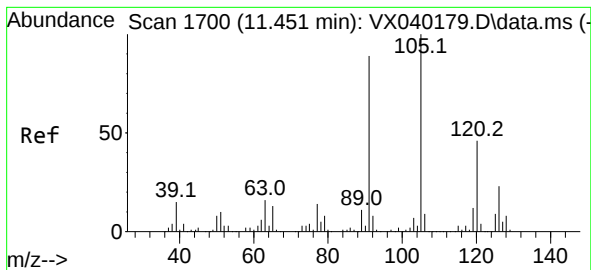
Tgt Ion: 91 Resp: 38235

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 3.066 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040324.D

Acq: 19 Feb 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

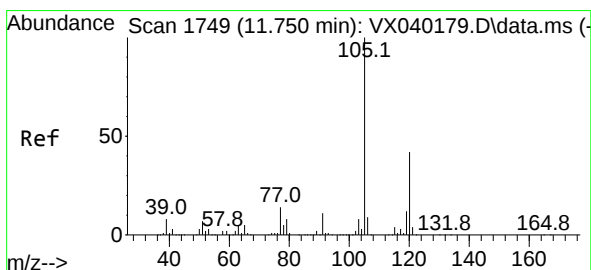
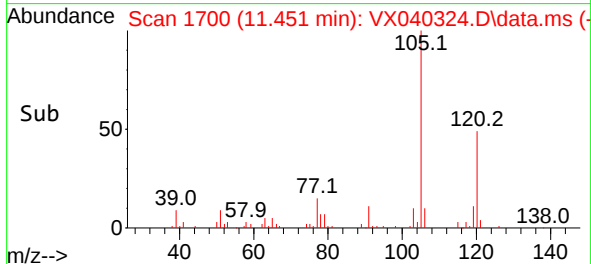
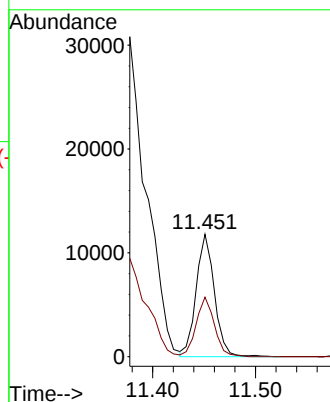
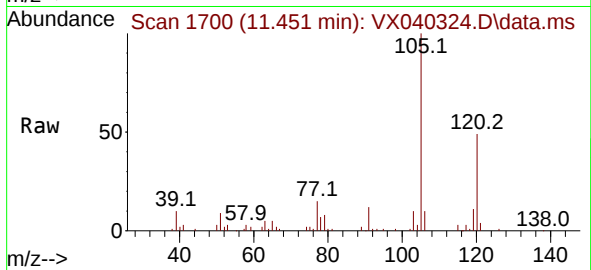
B-3(10-12)

Tgt Ion:105 Resp: 14596

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 6.740 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040324.D

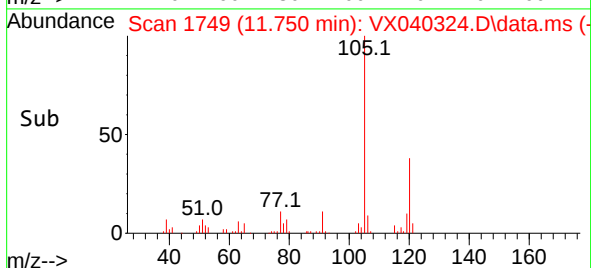
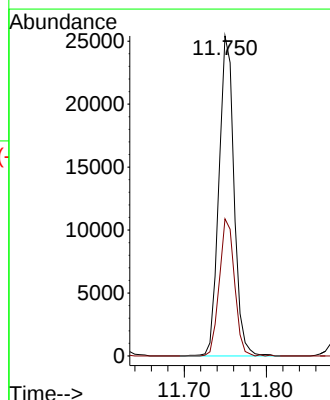
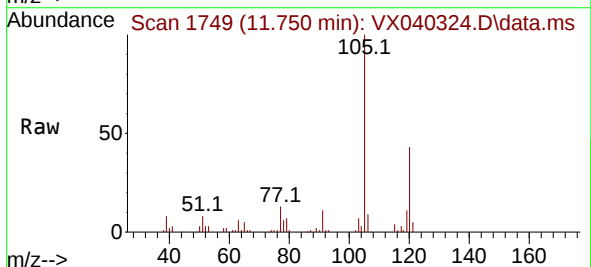
Acq: 19 Feb 2024 12:44

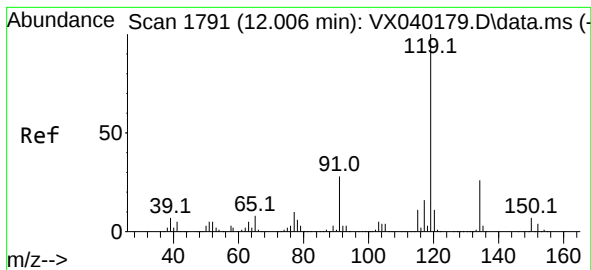
Tgt Ion:105 Resp: 32458

Ion Ratio Lower Upper

105 100

120 43.0 21.2 63.6





#86

p-Isopropyltoluene

Concen: 2.251 ug/l

RT: 12.006 min Scan# 119

Delta R.T. -0.000 min

Lab File: VX040324.D

Acq: 19 Feb 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

B-3(10-12)

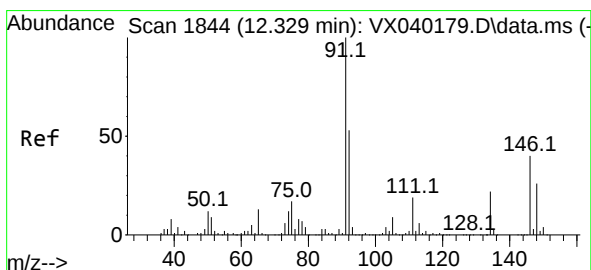
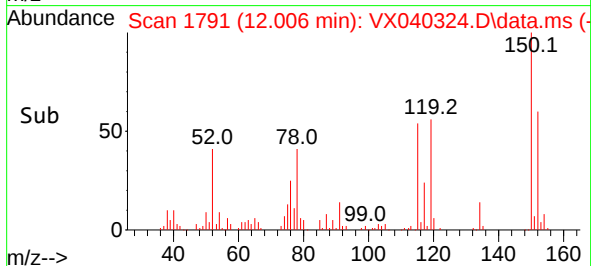
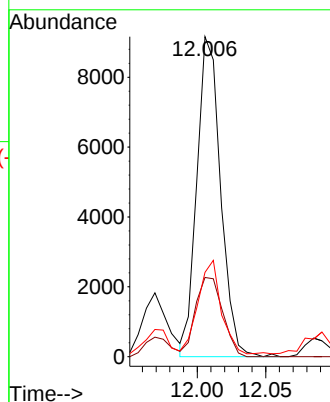
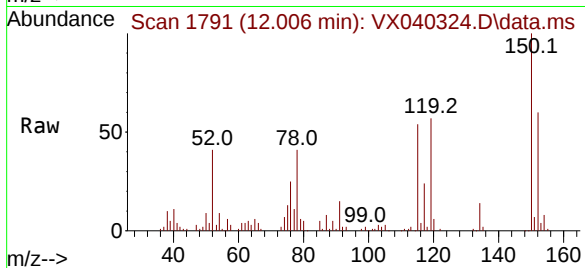
Tgt Ion:119 Resp: 11069

Ion Ratio Lower Upper

119 100

134 28.3 12.8 38.3

91 29.2 13.1 39.3



#89

n-Butylbenzene

Concen: 1.768 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040324.D

Acq: 19 Feb 2024 12:44

Tgt Ion: 91 Resp: 8392

Ion Ratio Lower Upper

91 100

92 46.0 27.4 82.0

134 31.5 12.6 37.8

