

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040246.D
 Acq On : 15 Feb 2024 12:56
 Operator : JC/MD
 Sample : P1427-01DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50239DL

Quant Time: Feb 15 13:22:18 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)

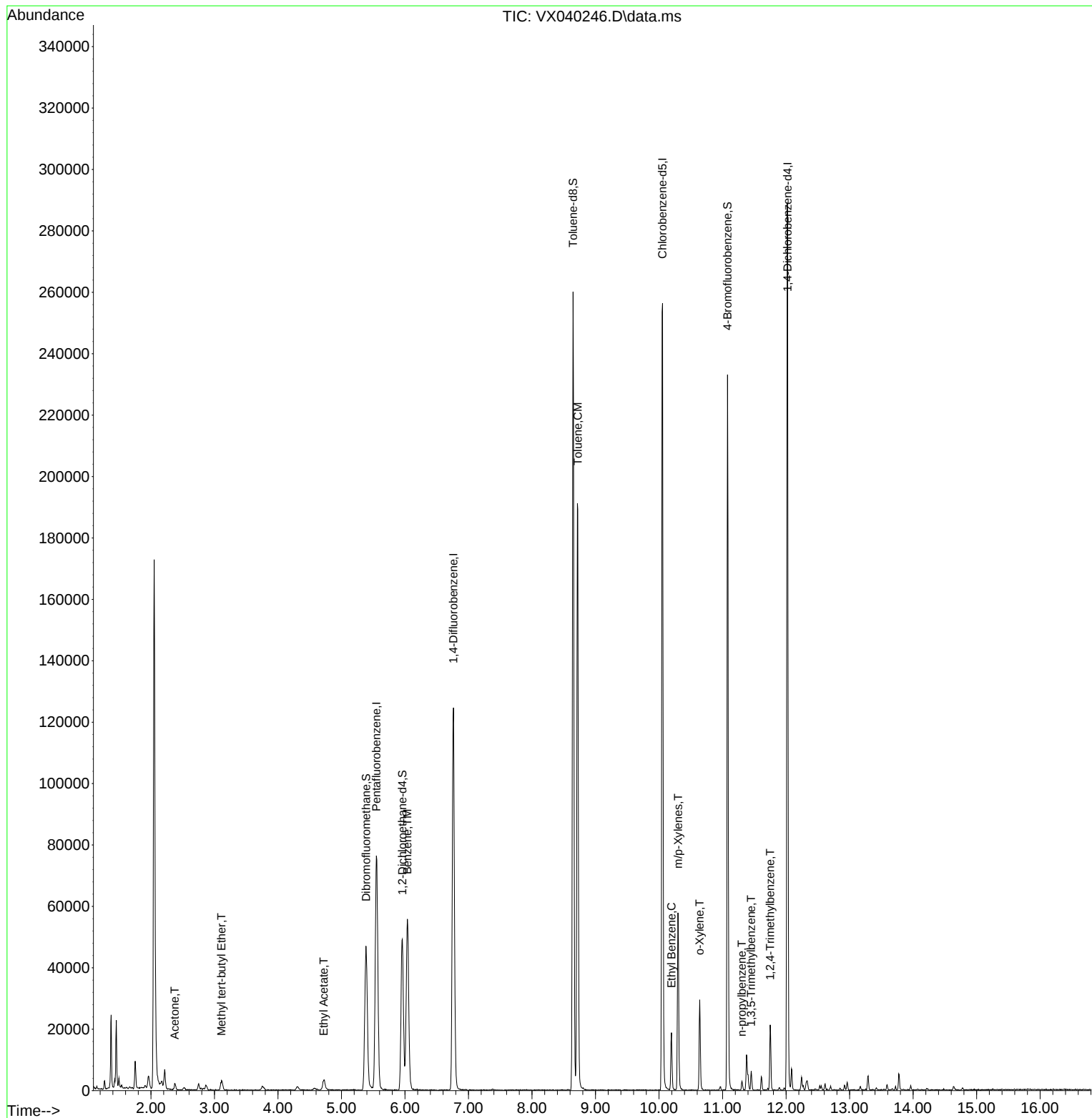
Internal Standards						
1) Pentafluorobenzene	5.550	168	74037	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	126792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48828	44.331	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.660%
35) Dibromofluoromethane	5.385	113	41060	46.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.740%
50) Toluene-d8	8.647	98	152469	46.033	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	60824	45.027	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.060%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	1977	4.370	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	3214	1.207	ug/l	94
37) Ethyl Acetate	4.721	43	5989	4.339	ug/l	# 93
40) Benzene	6.038	78	68855	19.851	ug/l	99
52) Toluene	8.720	92	72098	31.733	ug/l	92
67) Ethyl Benzene	10.195	91	10917	2.432	ug/l	98
68) m/p-Xylenes	10.299	106	13500	7.962	ug/l	95
69) o-Xylene	10.640	106	6019	3.653	ug/l	95
78) n-propylbenzene	11.305	91	2295	0.442	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	2994	0.829	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	9502	2.602	ug/l	95

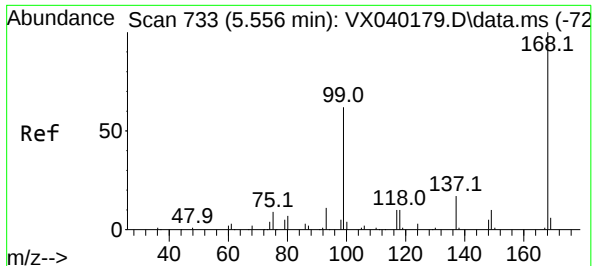
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
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Quant Time: Feb 15 13:22:18 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

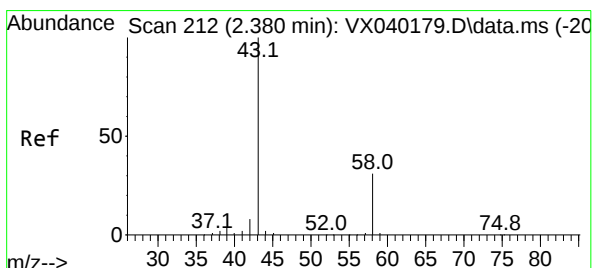
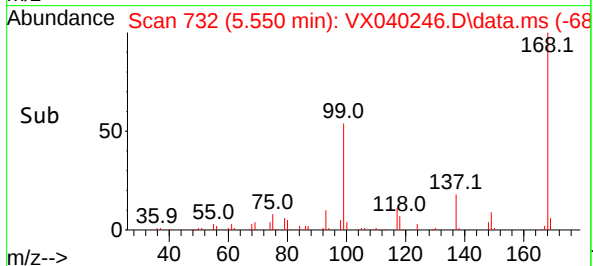
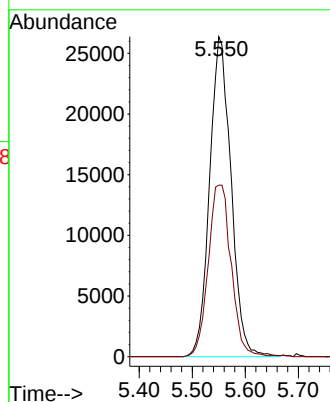
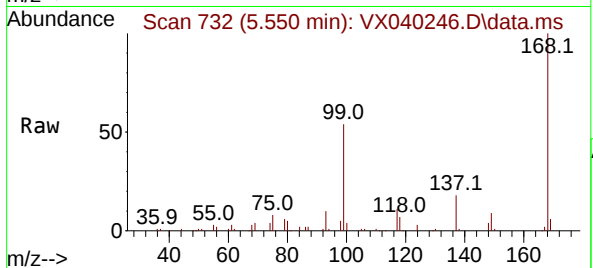




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

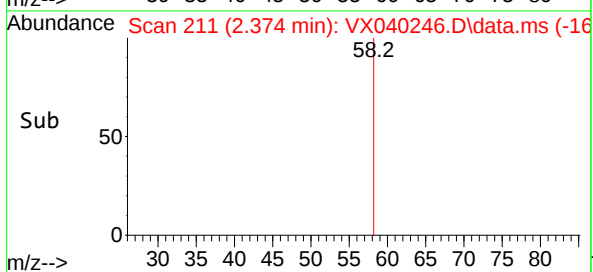
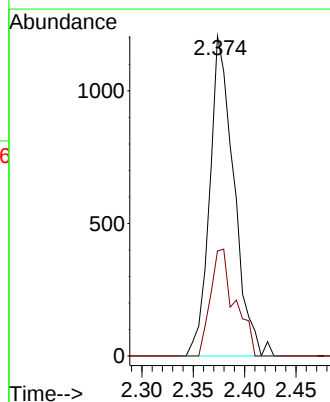
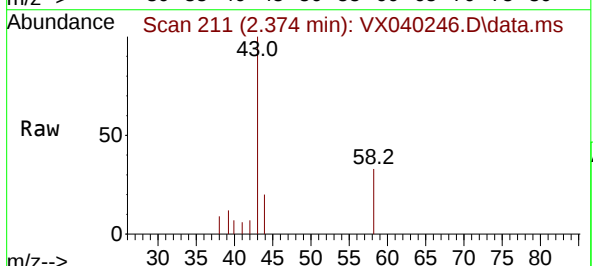
Instrument :
MSVOA_X
ClientSampleId :
50239DL

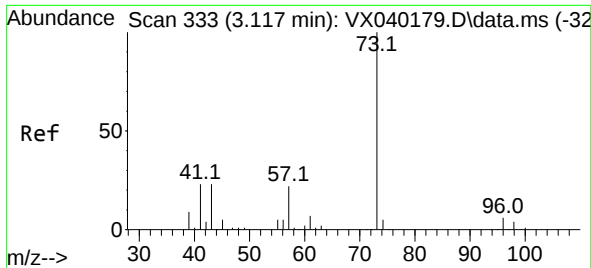
Tgt Ion:168 Resp: 74037
Ion Ratio Lower Upper
168 100
99 53.6 56.6 85.0#



#16
Acetone
Concen: 4.370 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

Tgt Ion: 43 Resp: 1977
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9

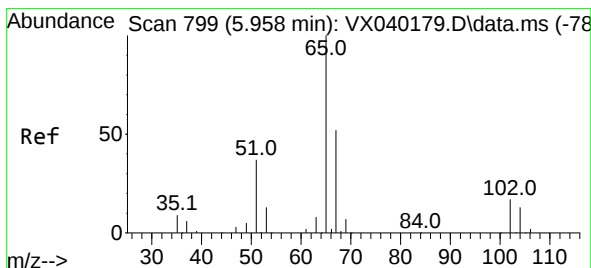
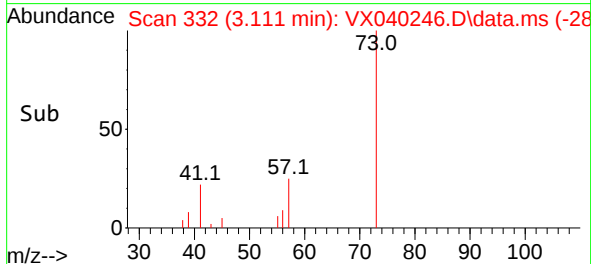
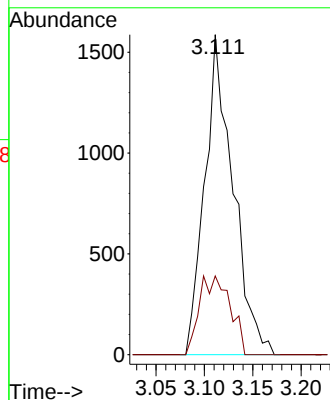
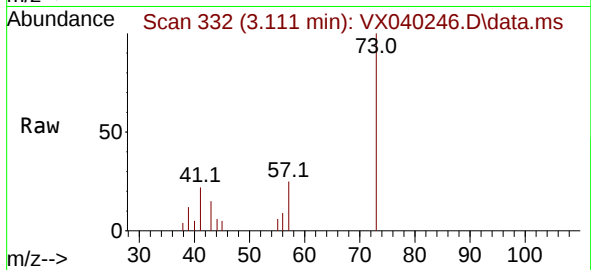




#19
Methyl tert-butyl Ether
Concen: 1.207 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

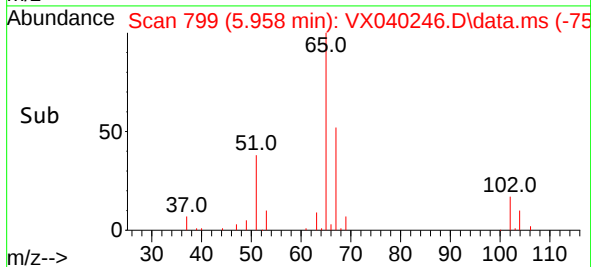
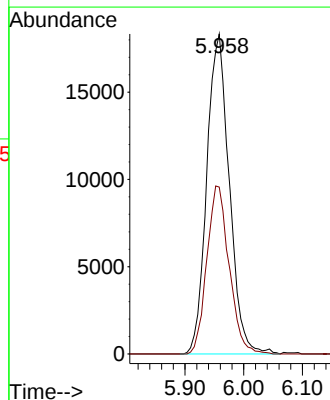
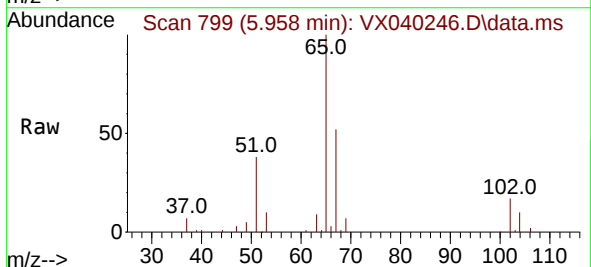
Instrument :
MSVOA_X
ClientSampleId :
50239DL

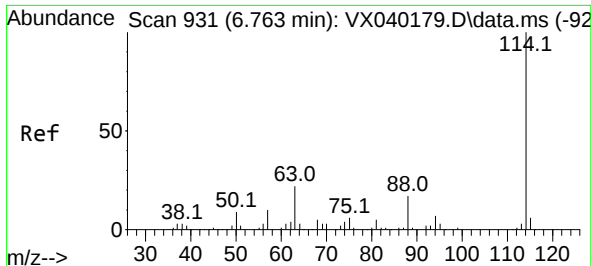
Tgt Ion: 73 Resp: 3214
Ion Ratio Lower Upper
73 100
57 24.6 17.3 25.9



#33
1,2-Dichloroethane-d4
Concen: 44.331 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

Tgt Ion: 65 Resp: 48828
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

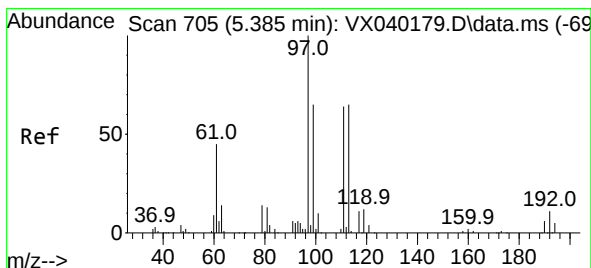
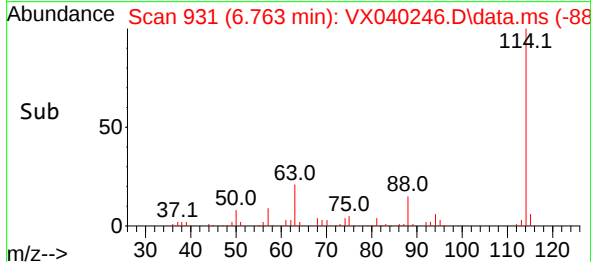
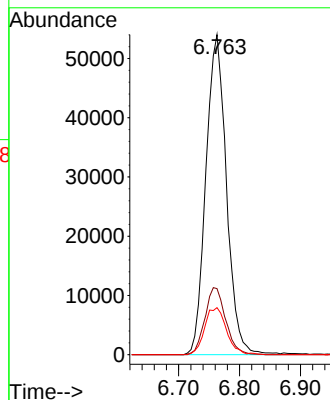
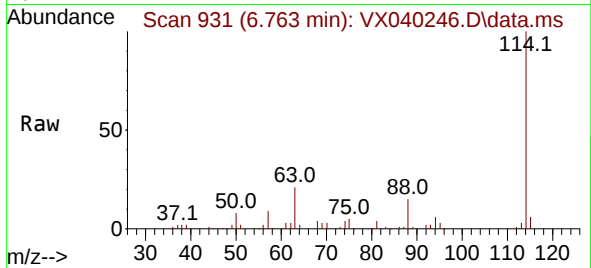




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

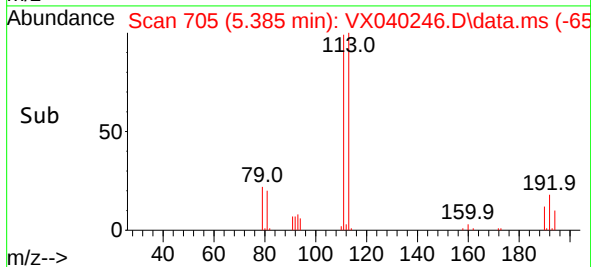
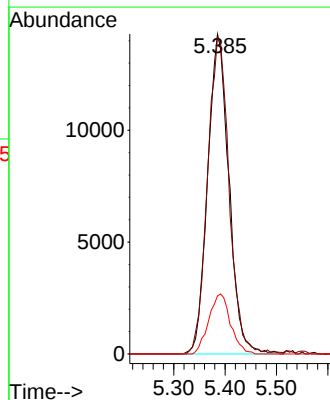
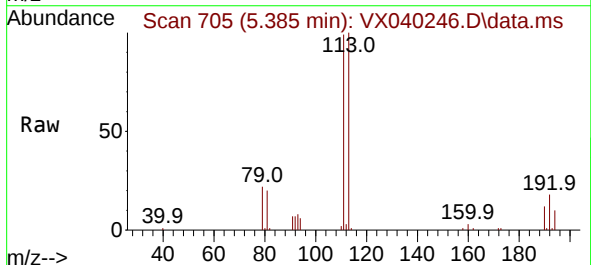
Instrument :
MSVOA_X
ClientSampleId :
50239DL

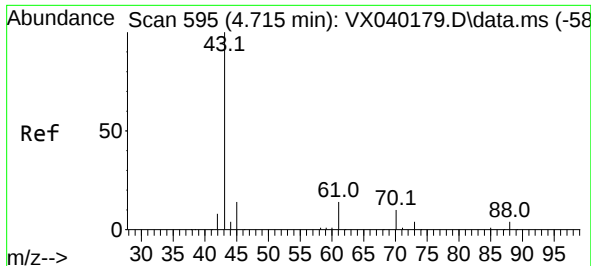
Tgt Ion:114 Resp: 126792
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.372 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

Tgt Ion:113 Resp: 41060
Ion Ratio Lower Upper
113 100
111 100.2 82.9 124.3
192 19.2 13.3 19.9





#37

Ethyl Acetate

Concen: 4.339 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX040246.D

Acq: 15 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

50239DL

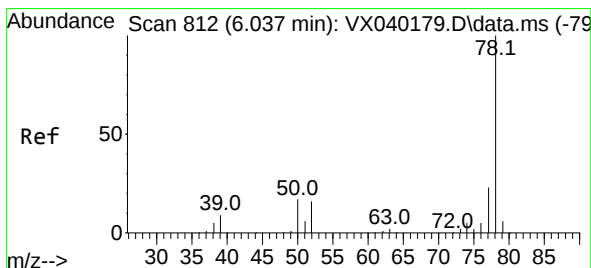
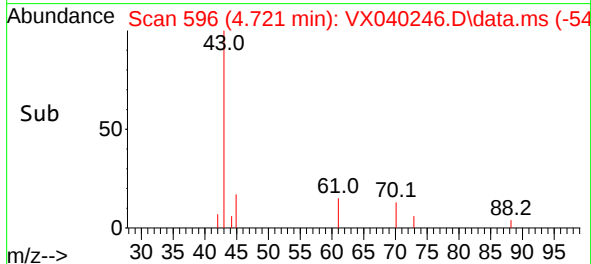
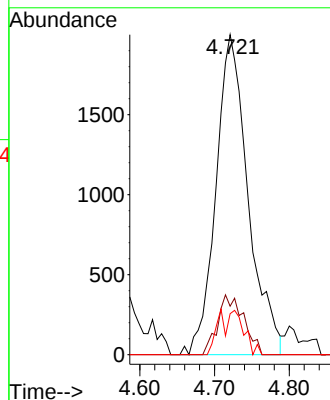
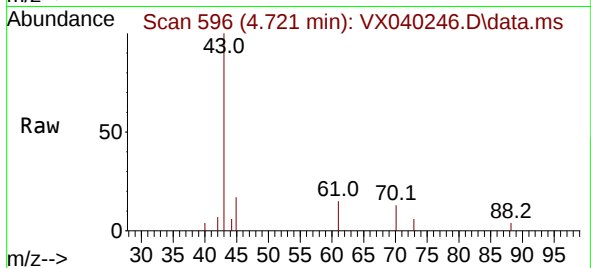
Tgt Ion: 43 Resp: 5989

Ion Ratio Lower Upper

43 100

61 15.1 10.6 16.0

70 6.7 8.3 12.5#



#40

Benzene

Concen: 19.851 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX040246.D

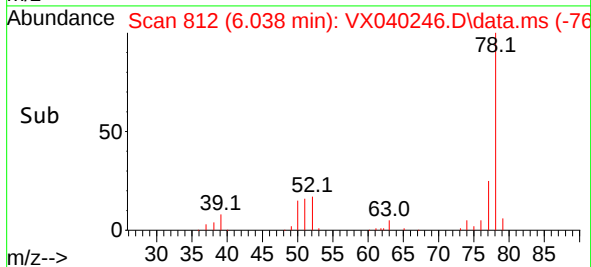
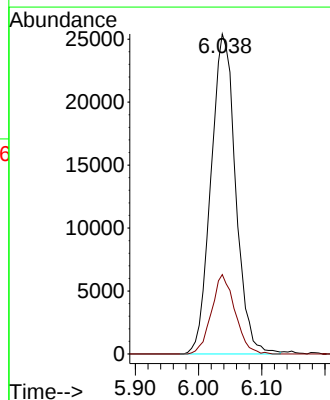
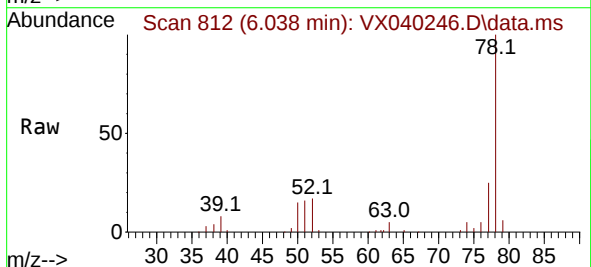
Acq: 15 Feb 2024 12:56

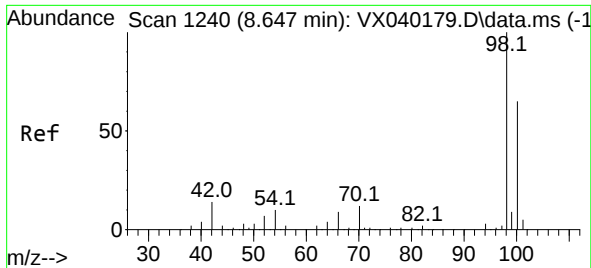
Tgt Ion: 78 Resp: 68855

Ion Ratio Lower Upper

78 100

77 24.8 19.3 28.9

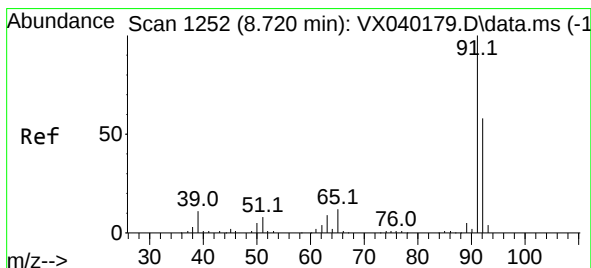
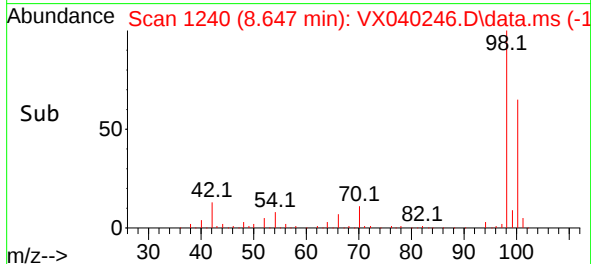
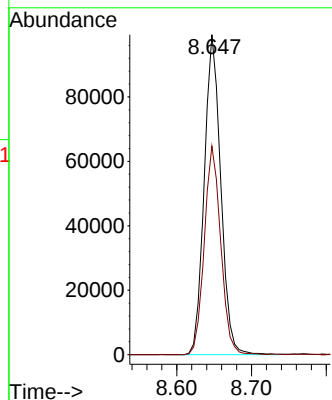
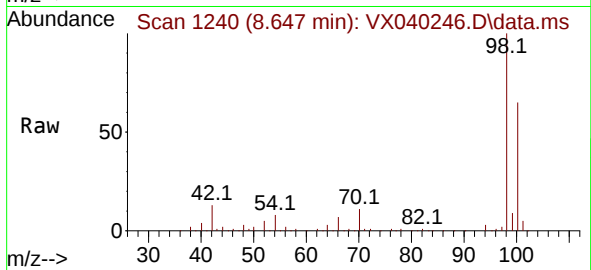




#50
Toluene-d8
Concen: 46.033 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

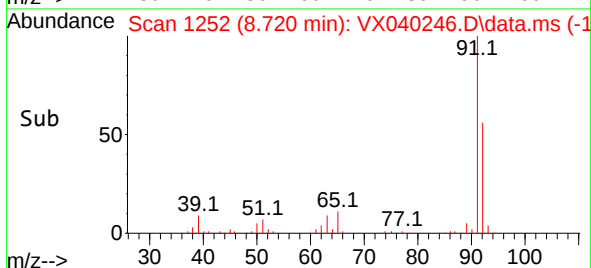
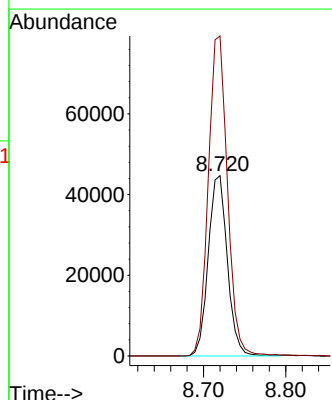
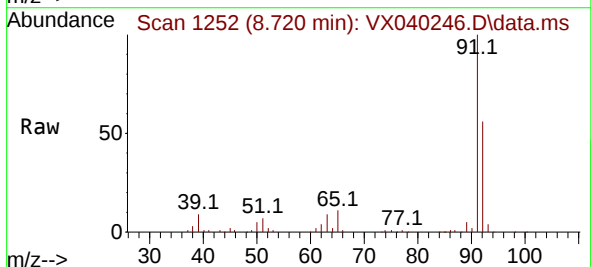
Instrument :
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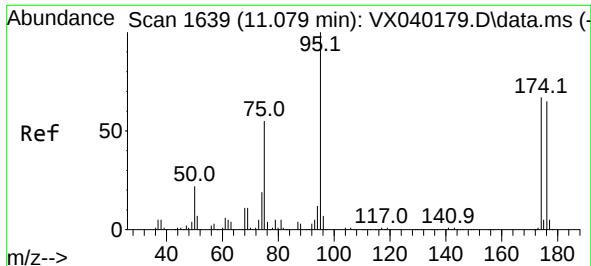
Tgt Ion: 98 Resp: 152469
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#52
Toluene
Concen: 31.733 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

Tgt Ion: 92 Resp: 72098
Ion Ratio Lower Upper
92 100
91 178.2 134.2 201.2

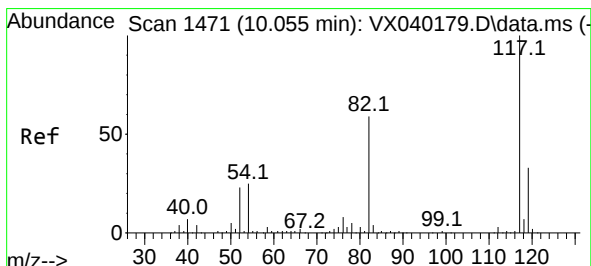
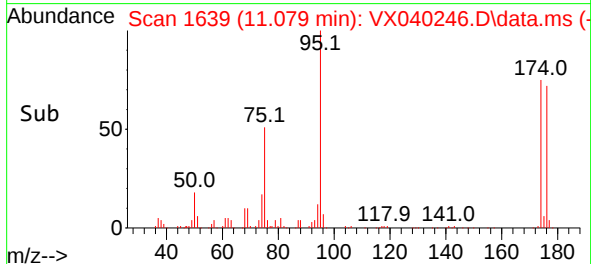
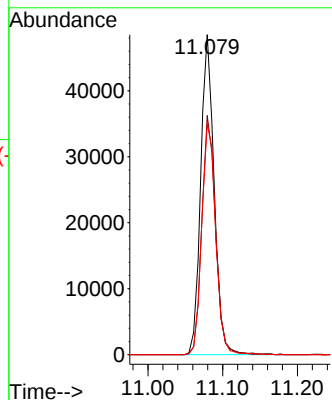
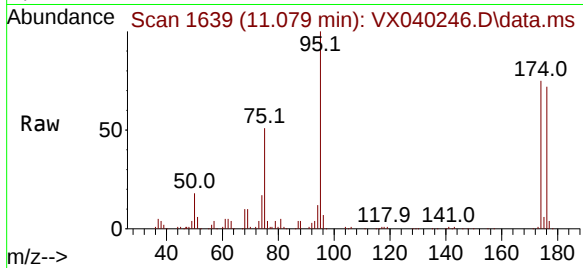




#62
4-Bromofluorobenzene
Concen: 45.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

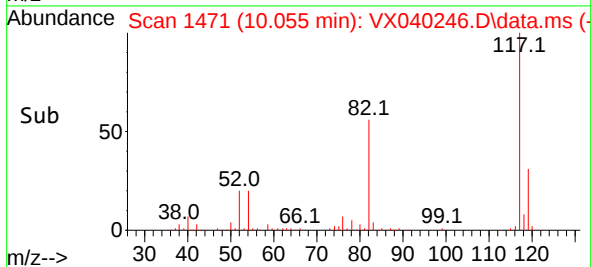
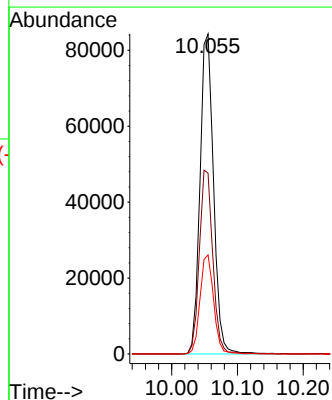
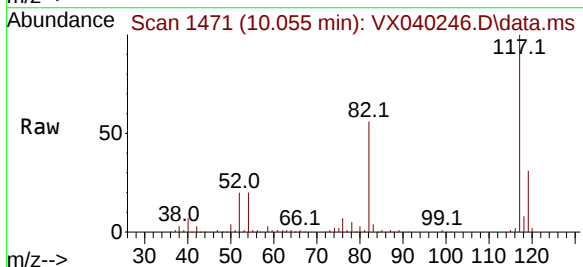
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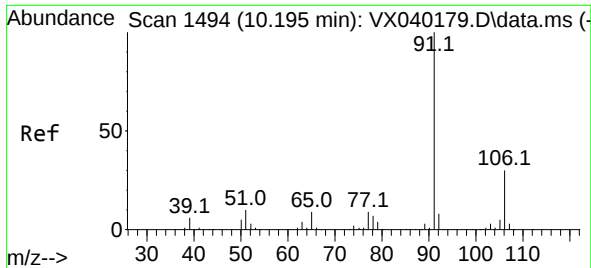
Tgt Ion: 95 Resp: 60824
Ion Ratio Lower Upper
95 100
174 75.3 0.0 135.6
176 74.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

Tgt Ion: 117 Resp: 120783
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 30.9 25.5 38.3

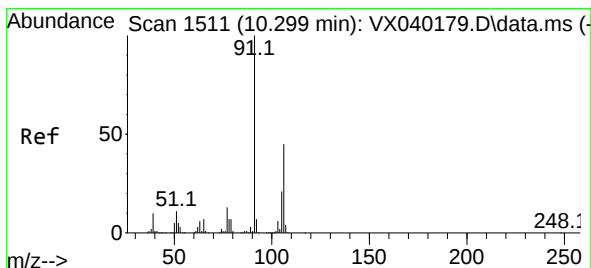
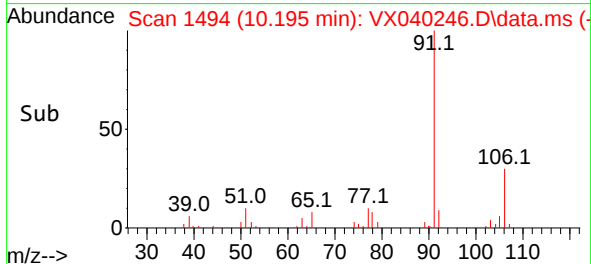
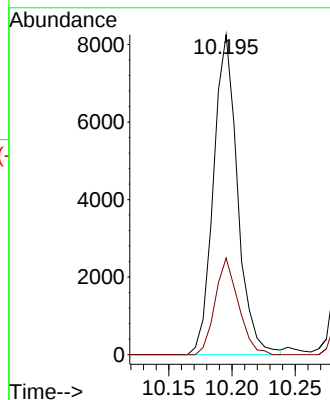
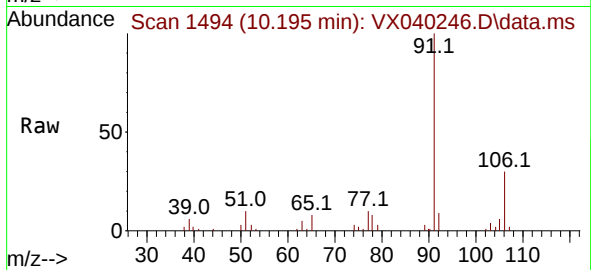




#67
Ethyl Benzene
Concen: 2.432 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

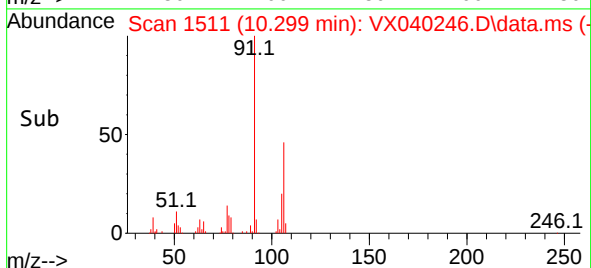
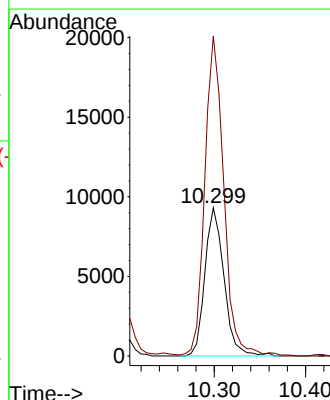
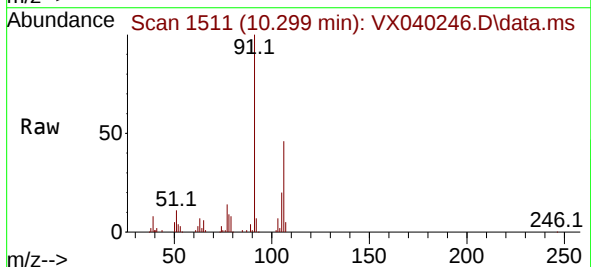
Instrument :
MSVOA_X
ClientSampleId :
50239DL

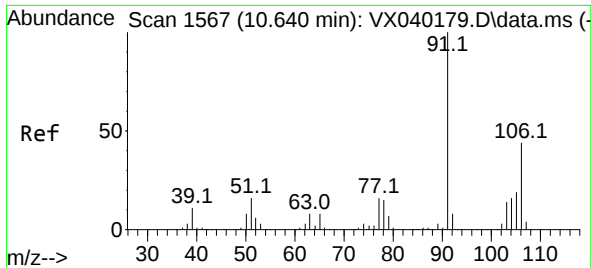
Tgt Ion: 91 Resp: 10917
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3



#68
m/p-Xylenes
Concen: 7.962 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

Tgt Ion: 106 Resp: 13500
Ion Ratio Lower Upper
106 100
91 214.5 165.5 248.3

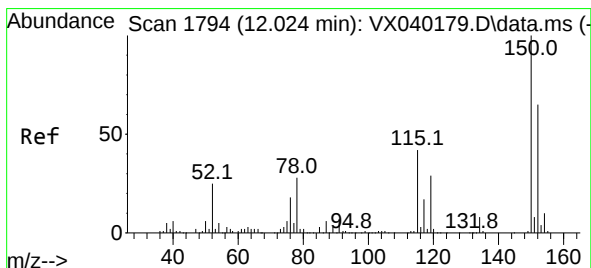
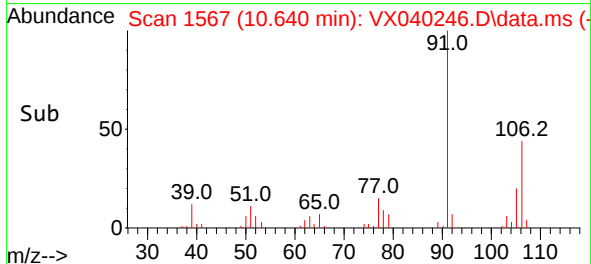
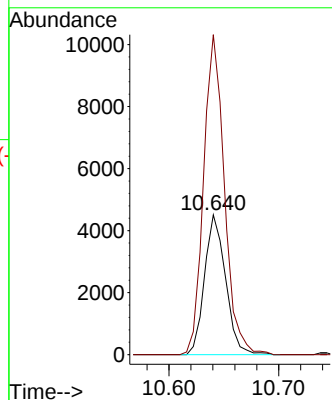
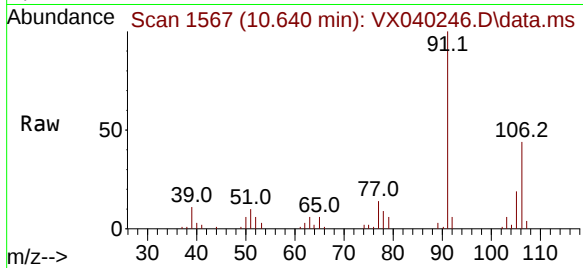




#69
o-Xylene
Concen: 3.653 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

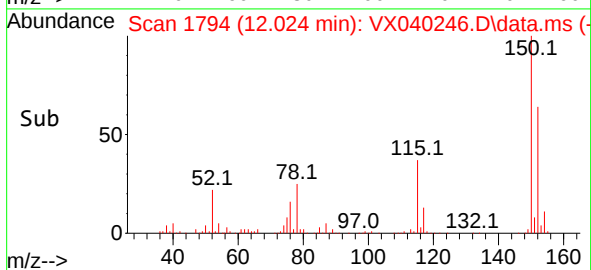
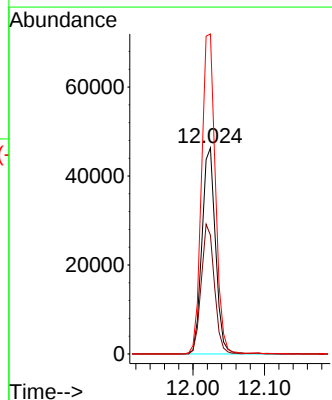
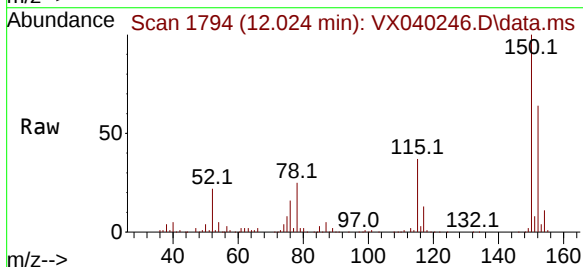
Instrument :
MSVOA_X
ClientSampleId :
50239DL

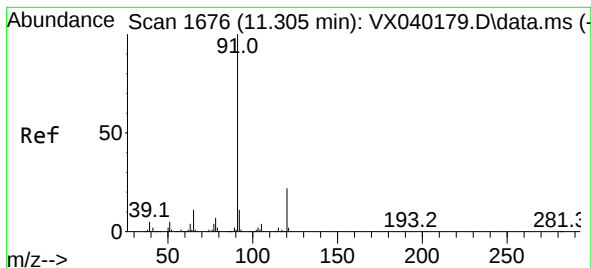
Tgt Ion:106 Resp: 6019
Ion Ratio Lower Upper
106 100
91 226.1 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040246.D
Acq: 15 Feb 2024 12:56

Tgt Ion:152 Resp: 60883
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 158.3 0.0 345.0





#78

n-propylbenzene

Concen: 0.442 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040246.D

Acq: 15 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

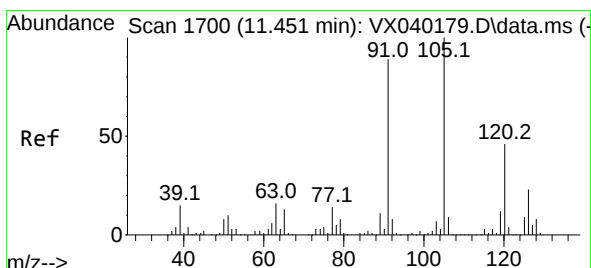
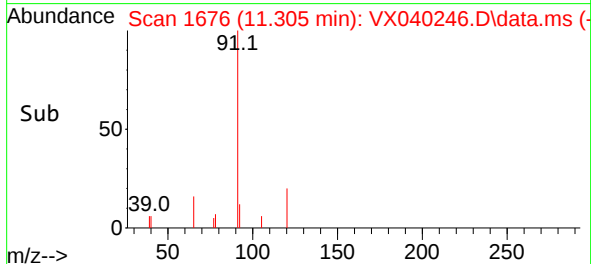
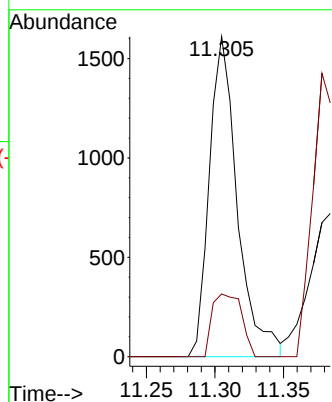
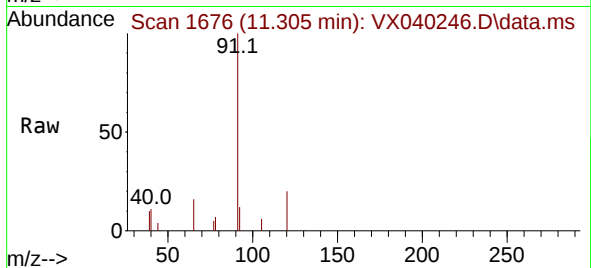
50239DL

Tgt Ion: 91 Resp: 2295

Ion Ratio Lower Upper

91 100

120 20.5 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 0.829 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040246.D

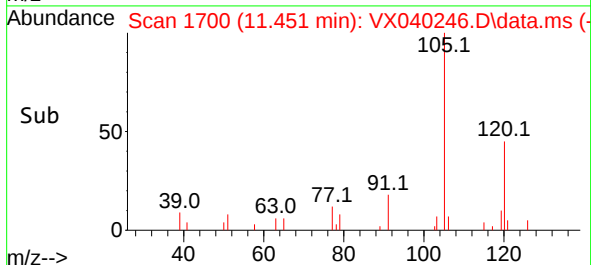
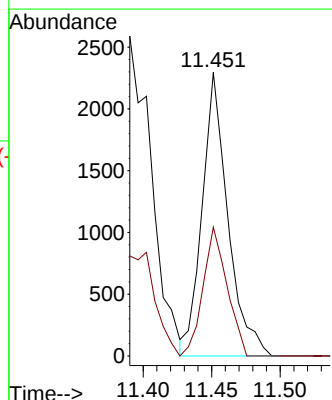
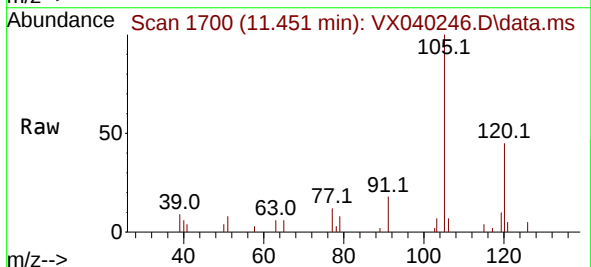
Acq: 15 Feb 2024 12:56

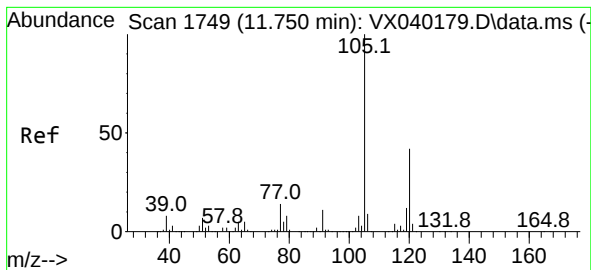
Tgt Ion: 105 Resp: 2994

Ion Ratio Lower Upper

105 100

120 42.4 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 2.602 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040246.D

Acq: 15 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

50239DL

Tgt Ion:105 Resp: 9502

Ion Ratio Lower Upper

105 100

120 45.6 21.2 63.6

