

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040247.D
 Acq On : 15 Feb 2024 13:19
 Operator : JC/MD
 Sample : P1427-02DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50240DL

Quant Time: Feb 15 13:44:50 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)

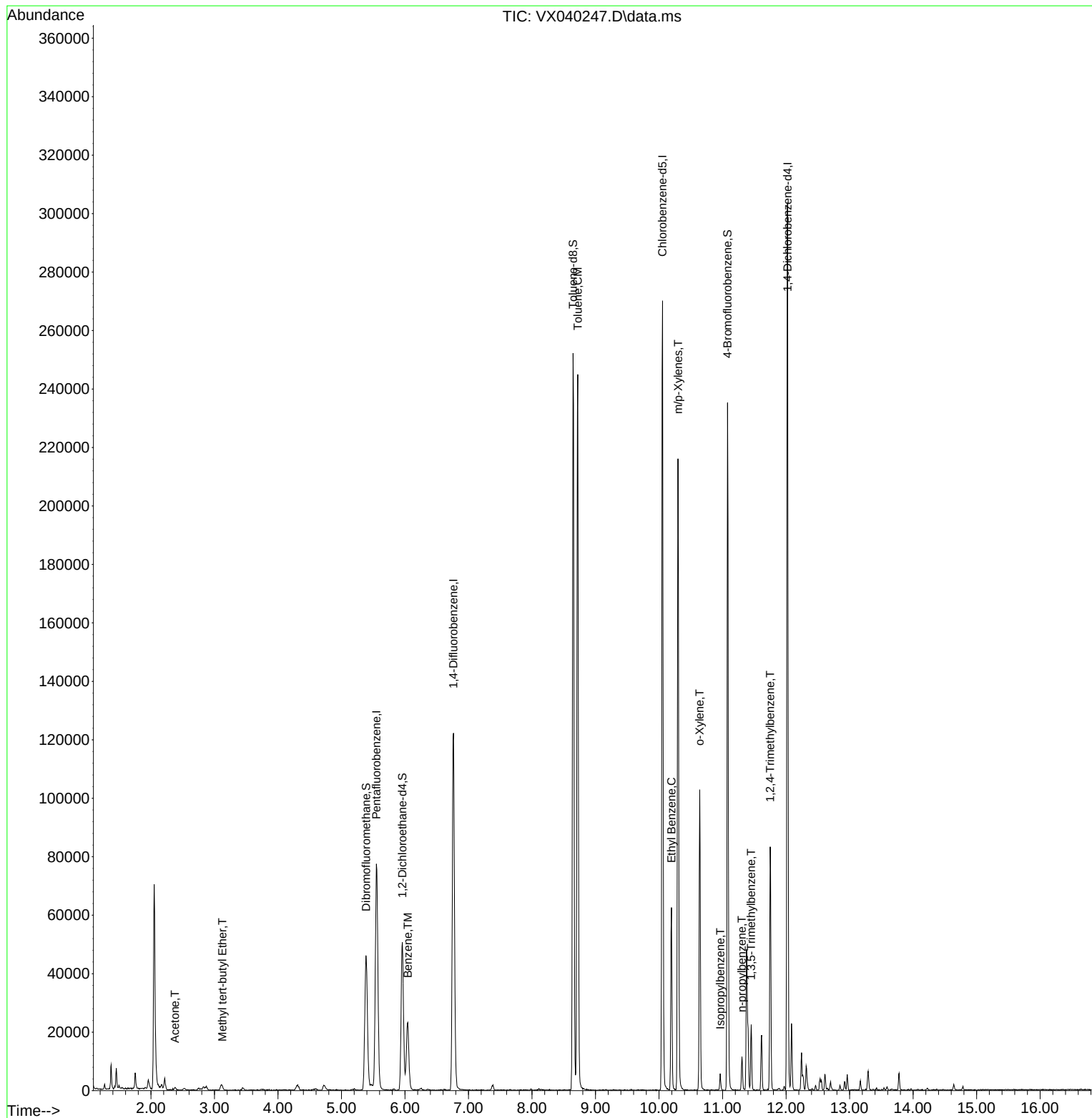
Internal Standards						
1) Pentafluorobenzene	5.549	168	74439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125122	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48981	44.229	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.460%
35) Dibromofluoromethane	5.385	113	40202	46.009	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.020%
50) Toluene-d8	8.646	98	152747	46.732	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.460%
62) 4-Bromofluorobenzene	11.079	95	61944	46.468	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.940%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	1105	2.429	ug/l #	72
19) Methyl tert-butyl Ether	3.123	73	1585	0.592	ug/l #	83
40) Benzene	6.043	78	28162	8.227	ug/l	96
52) Toluene	8.720	92	91233	40.691	ug/l	94
67) Ethyl Benzene	10.195	91	35909	7.953	ug/l	95
68) m/p-Xylenes	10.299	106	51090	29.961	ug/l	98
69) o-Xylene	10.640	106	21918	13.227	ug/l	99
73) Isopropylbenzene	10.963	105	2787	0.617	ug/l	98
78) n-propylbenzene	11.304	91	7822	1.431	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	9436	2.483	ug/l	96
84) 1,2,4-Trimethylbenzene	11.749	105	37344	9.714	ug/l	96

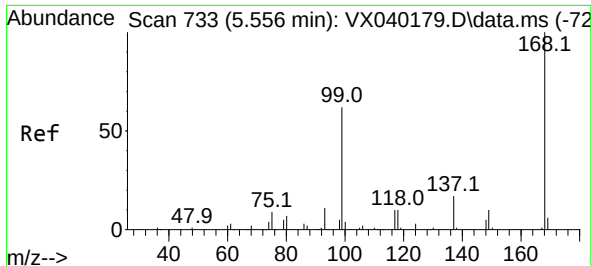
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

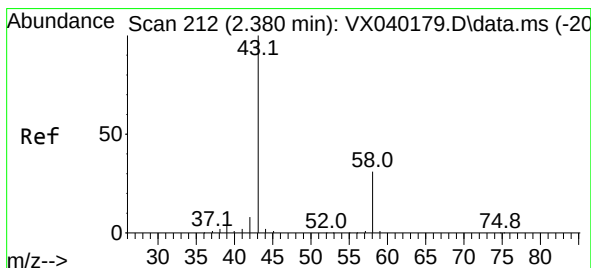
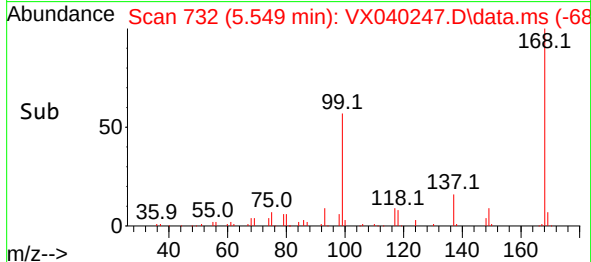
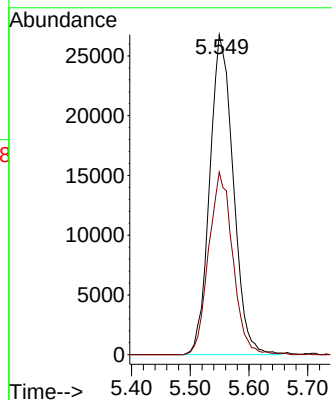
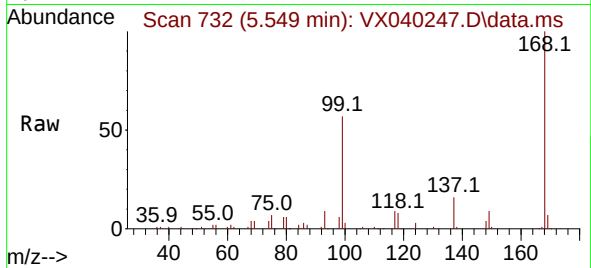




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

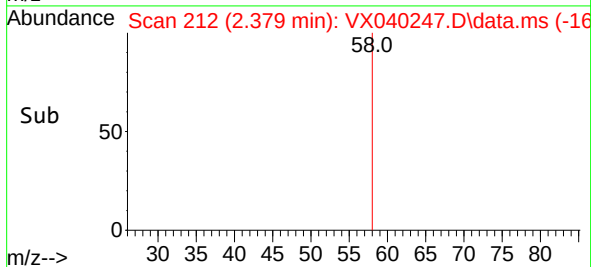
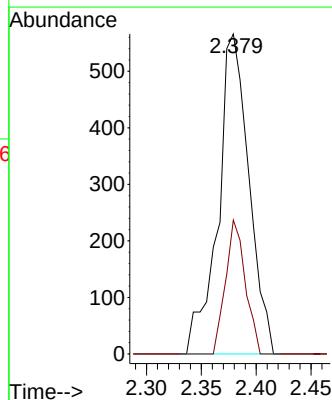
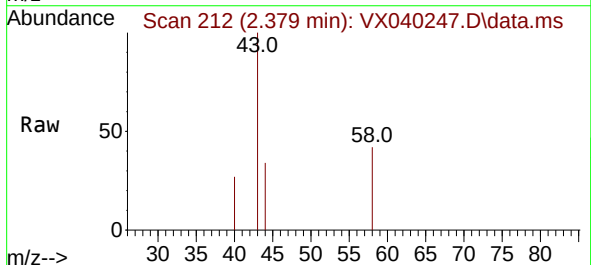
Instrument :
MSVOA_X
ClientSampleId :
50240DL

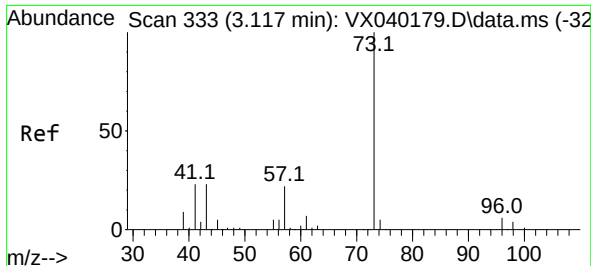
Tgt Ion:168 Resp: 74439
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#16
Acetone
Concen: 2.429 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 41.9 21.9 32.9#

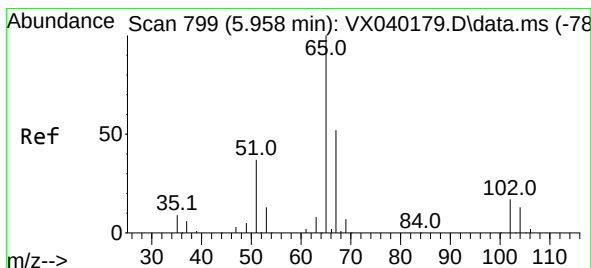
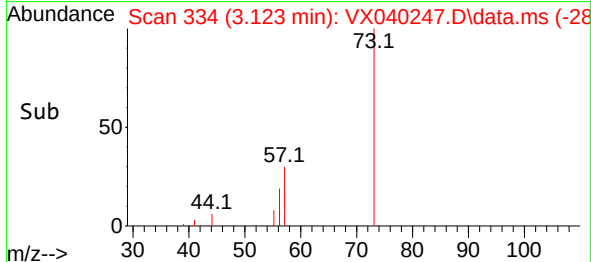
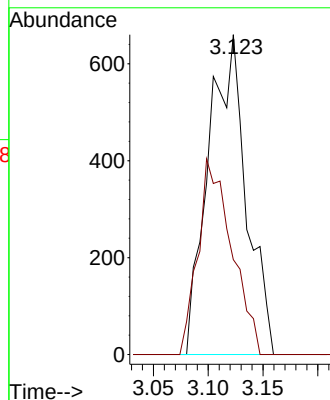
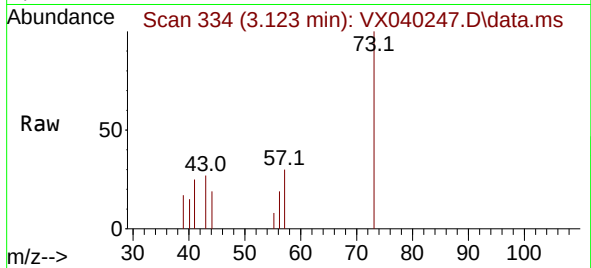




#19
Methyl tert-butyl Ether
Concen: 0.592 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

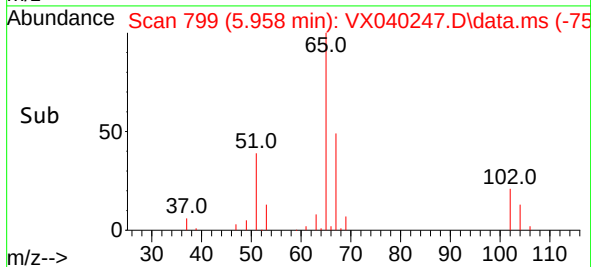
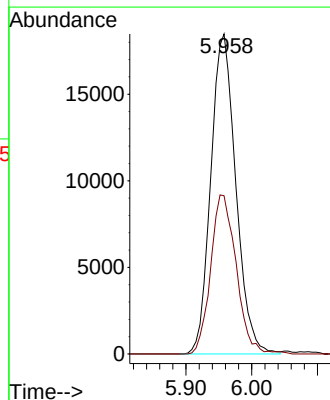
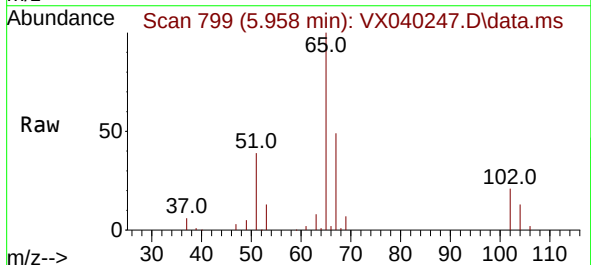
Instrument :
MSVOA_X
ClientSampleId :
50240DL

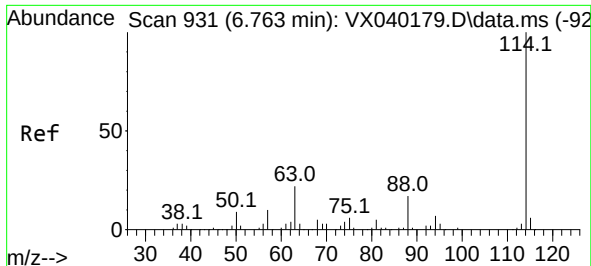
Tgt Ion: 73 Resp: 1585
Ion Ratio Lower Upper
73 100
57 29.7 17.3 25.9#



#33
1,2-Dichloroethane-d4
Concen: 44.229 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

Tgt Ion: 65 Resp: 48981
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

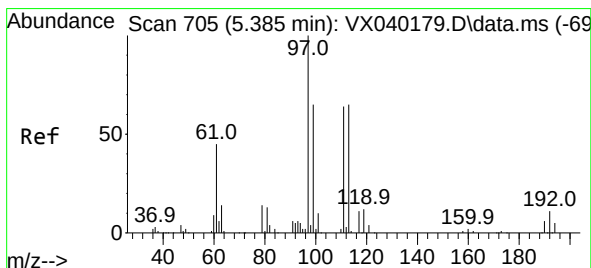
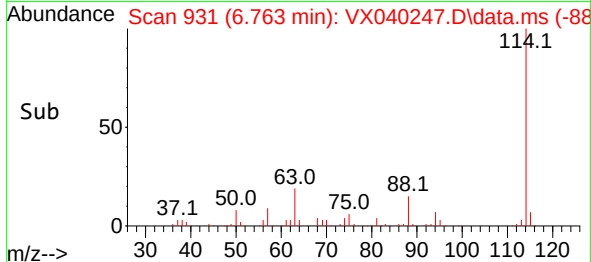
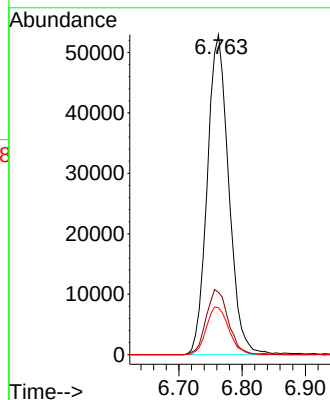
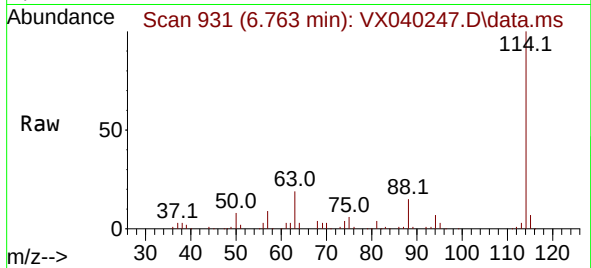




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

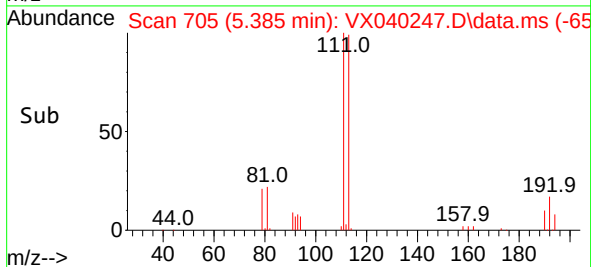
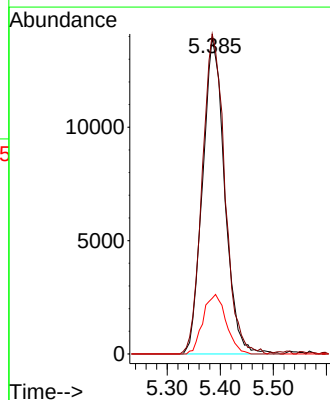
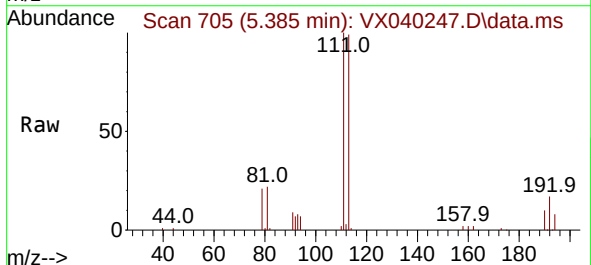
Instrument :
MSVOA_X
ClientSampleId :
50240DL

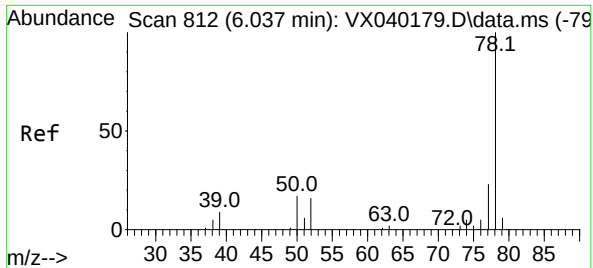
Tgt Ion:114 Resp: 125122
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.009 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

Tgt Ion:113 Resp: 40202
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 19.7 13.3 19.9





#40

Benzene

Concen: 8.227 ug/l

RT: 6.043 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX040247.D

Acq: 15 Feb 2024 13:19

Instrument :

MSVOA_X

ClientSampleId :

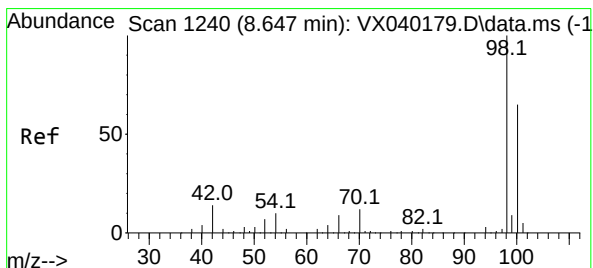
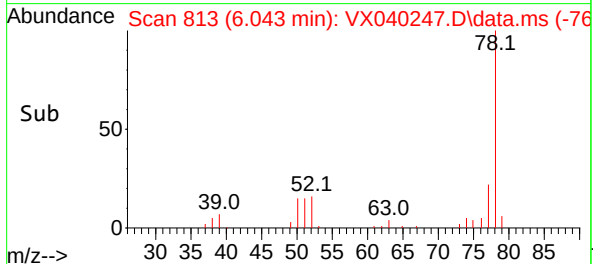
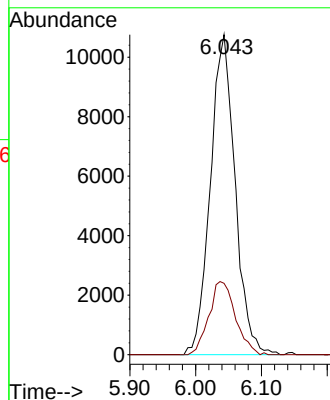
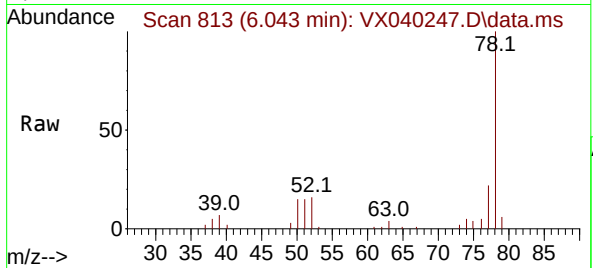
50240DL

Tgt Ion: 78 Resp: 28162

Ion Ratio Lower Upper

78 100

77 22.3 19.3 28.9



#50

Toluene-d8

Concen: 46.732 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040247.D

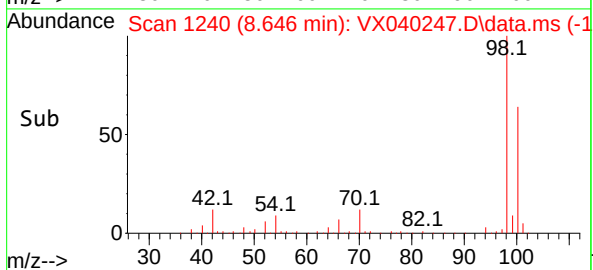
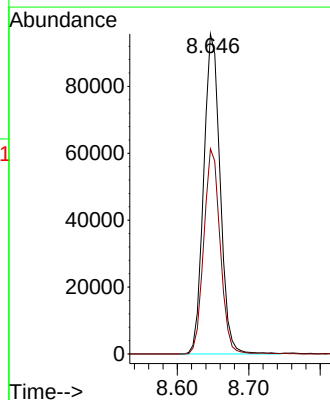
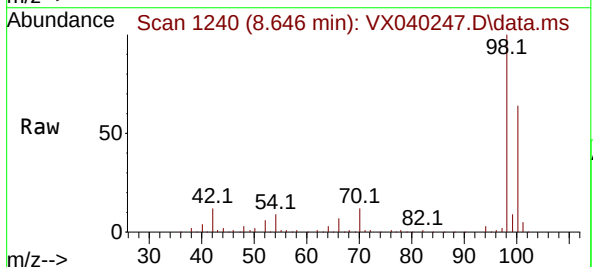
Acq: 15 Feb 2024 13:19

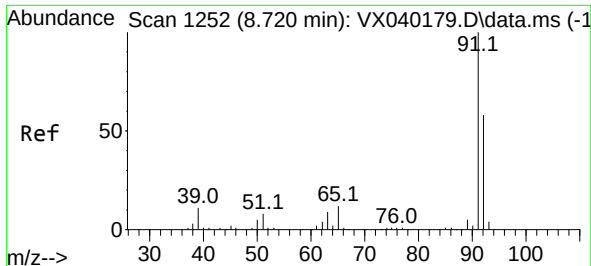
Tgt Ion: 98 Resp: 152747

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7

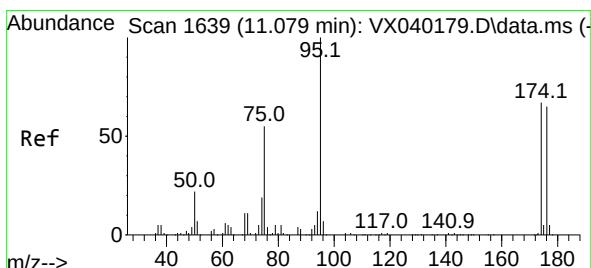
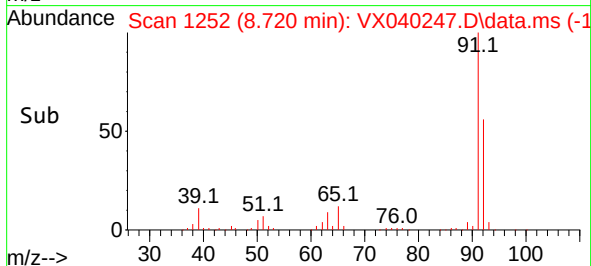
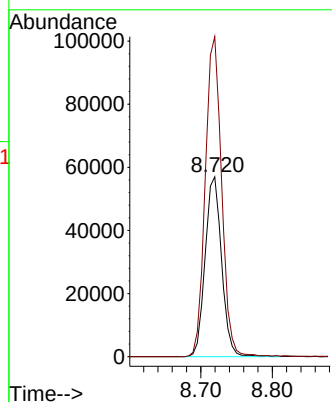
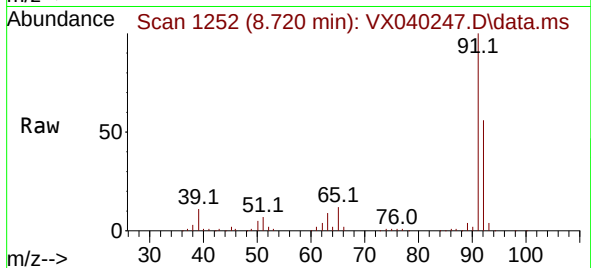




#52
Toluene
Concen: 40.691 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

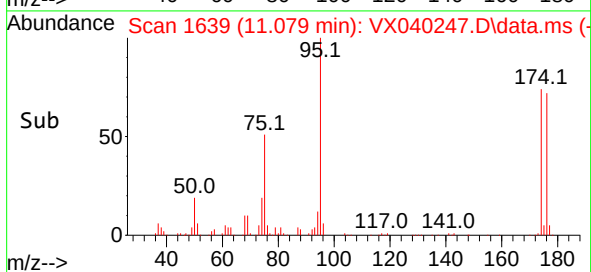
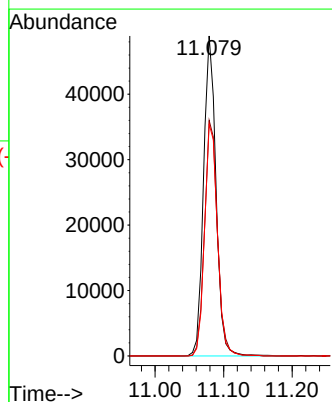
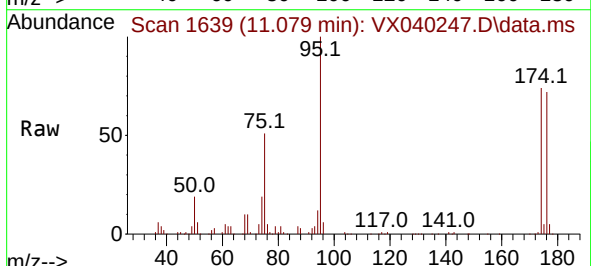
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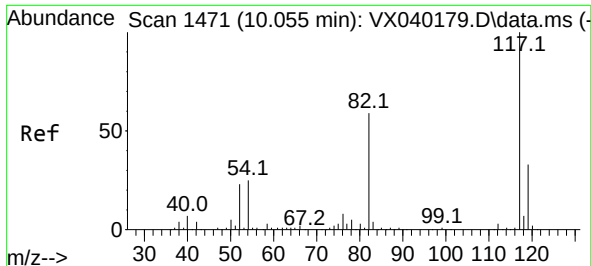
Tgt Ion: 92 Resp: 91233
Ion Ratio Lower Upper
92 100
91 176.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

Tgt Ion: 95 Resp: 61944
Ion Ratio Lower Upper
95 100
174 76.2 0.0 135.6
176 75.0 0.0 131.0

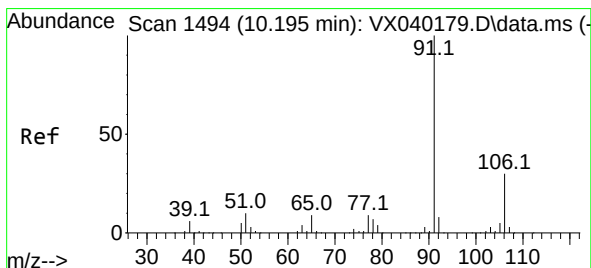
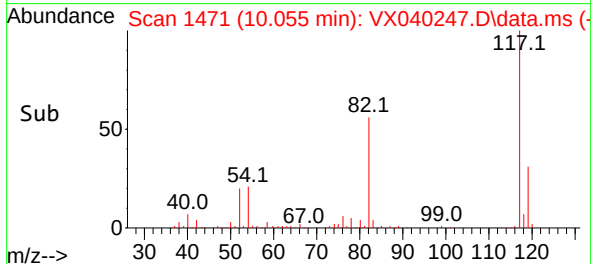
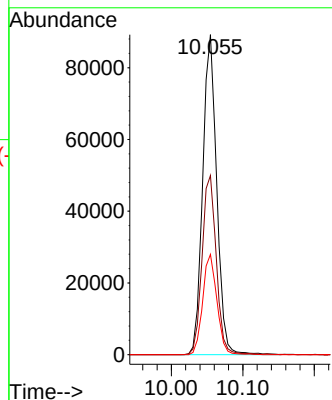
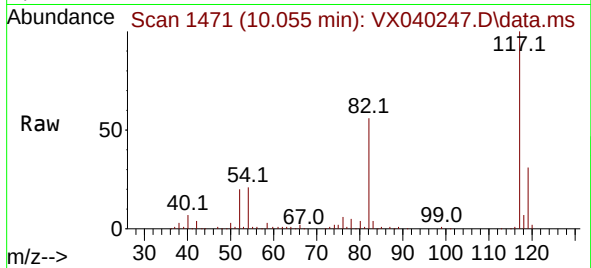




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

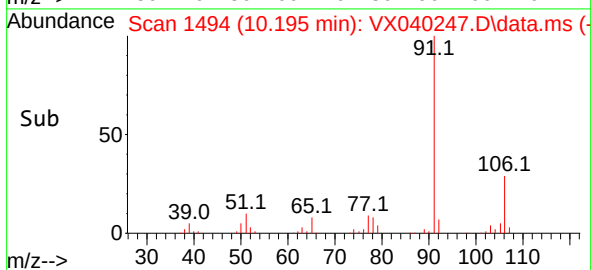
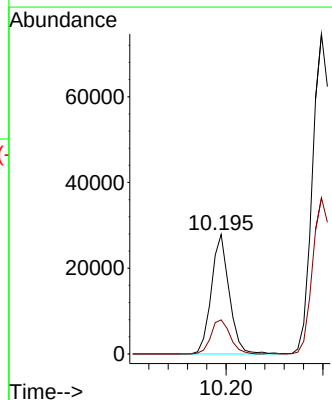
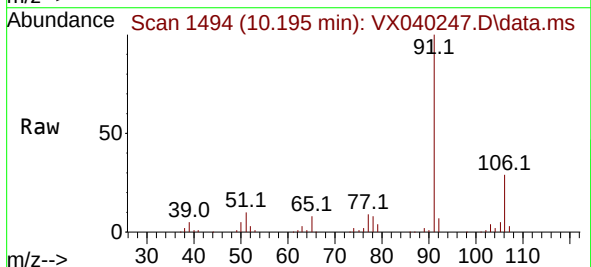
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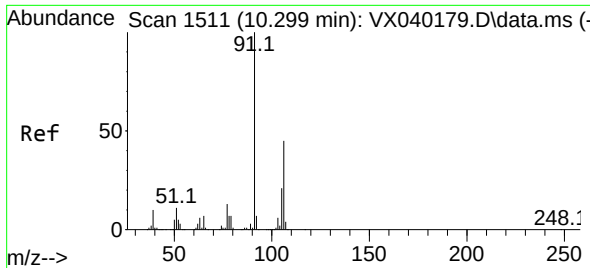
Tgt Ion:117 Resp: 121470
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.4 25.5 38.3



#67
Ethyl Benzene
Concen: 7.953 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

Tgt Ion: 91 Resp: 35909
Ion Ratio Lower Upper
91 100
106 28.6 24.9 37.3

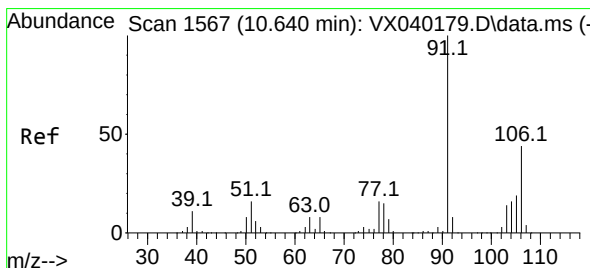
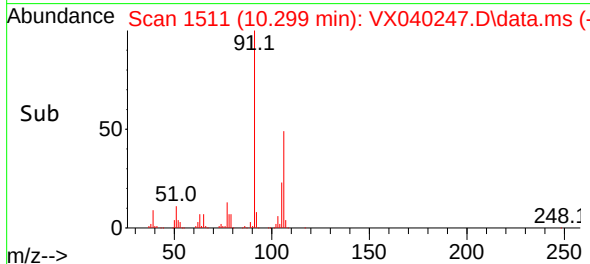
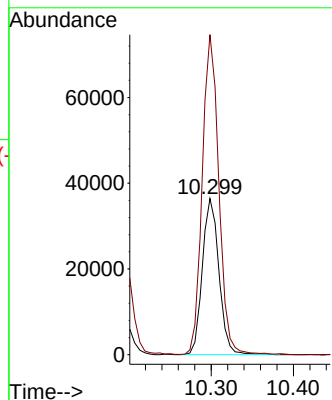
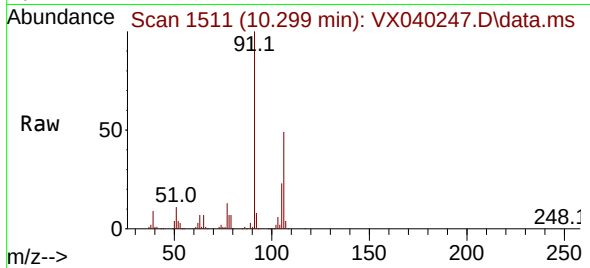




#68
m/p-Xylenes
Concen: 29.961 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

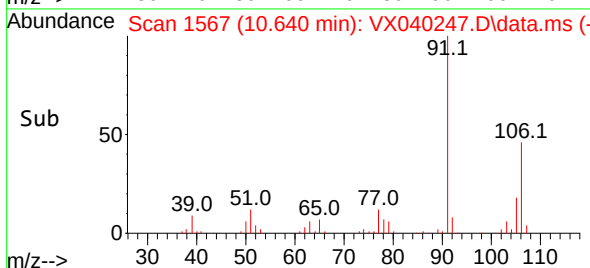
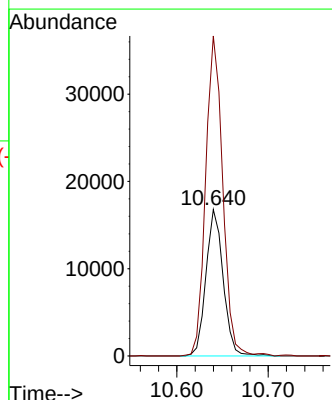
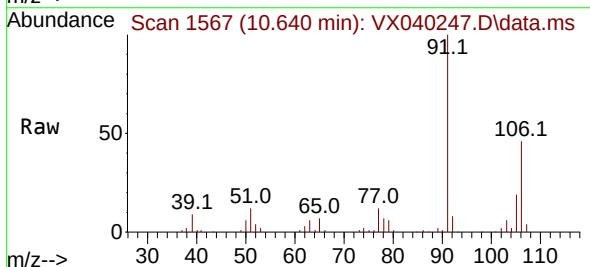
Instrument :
MSVOA_X
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50240DL

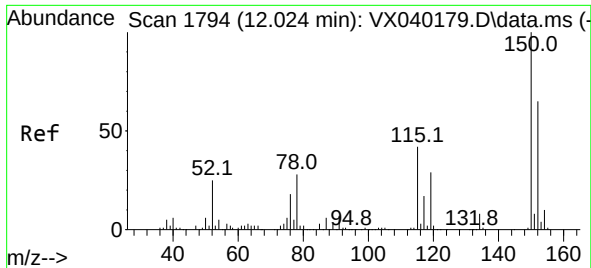
Tgt Ion:106 Resp: 51090
Ion Ratio Lower Upper
106 100
91 203.7 165.5 248.3



#69
o-Xylene
Concen: 13.227 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

Tgt Ion:106 Resp: 21918
Ion Ratio Lower Upper
106 100
91 216.9 108.9 326.8

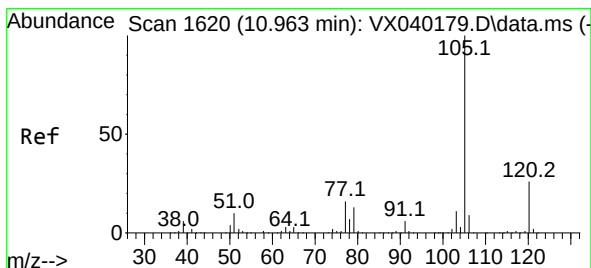
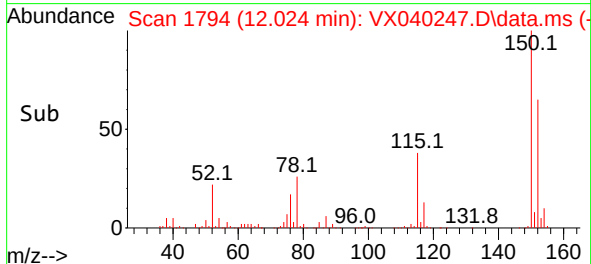
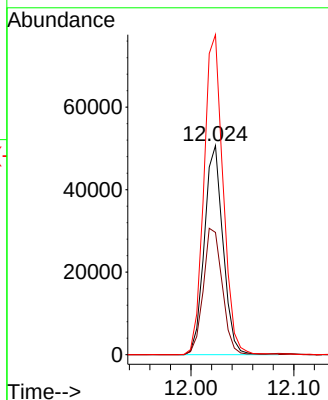
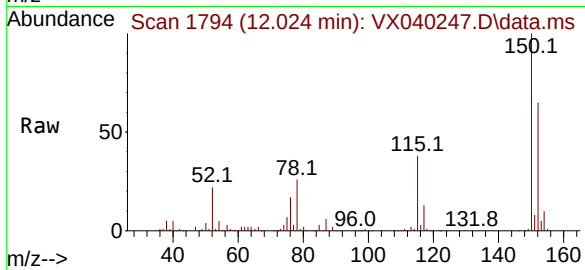




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

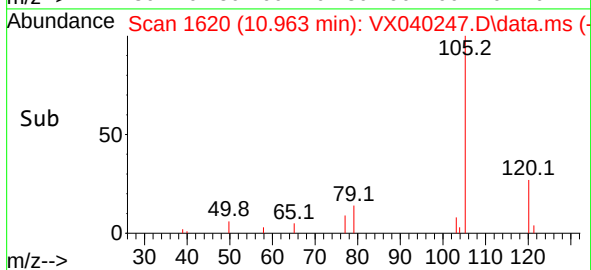
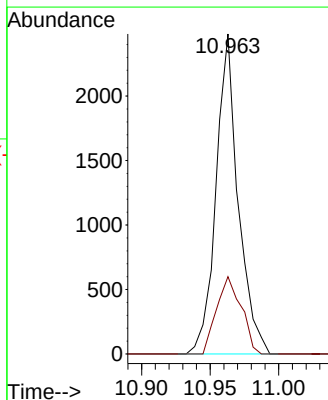
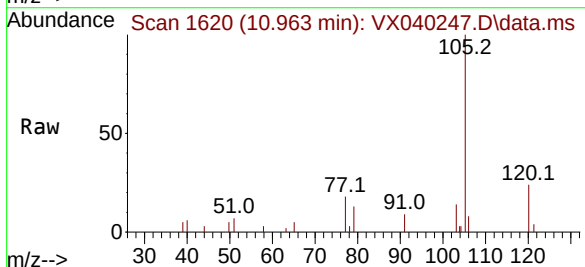
Instrument :
MSVOA_X
ClientSampleId :
50240DL

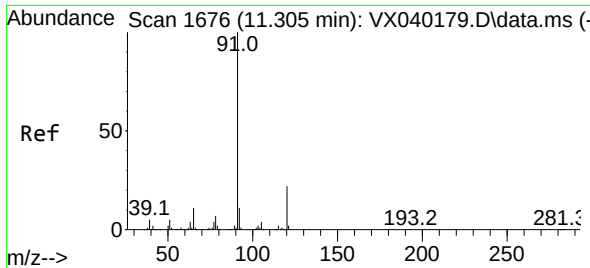
Tgt Ion:152 Resp: 64085
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 157.2 0.0 345.0



#73
Isopropylbenzene
Concen: 0.617 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

Tgt Ion:105 Resp: 2787
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6

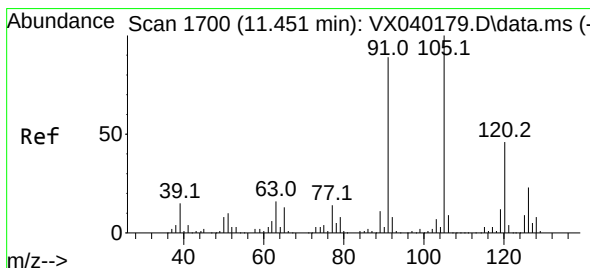
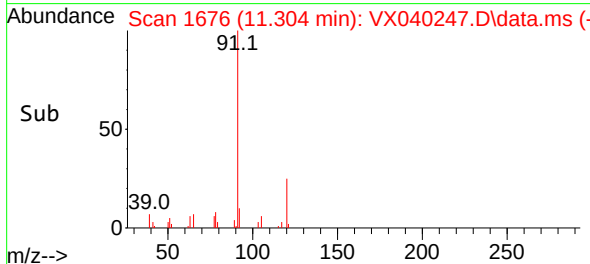
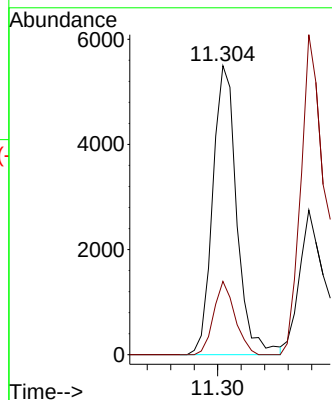
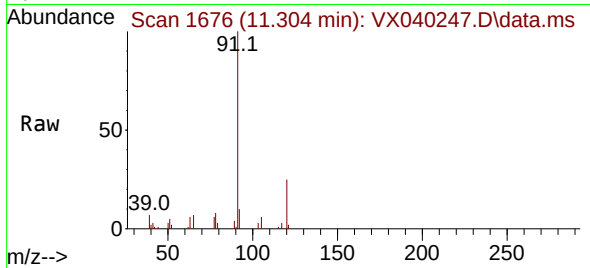




#78
n-propylbenzene
Concen: 1.431 ug/l
RT: 11.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

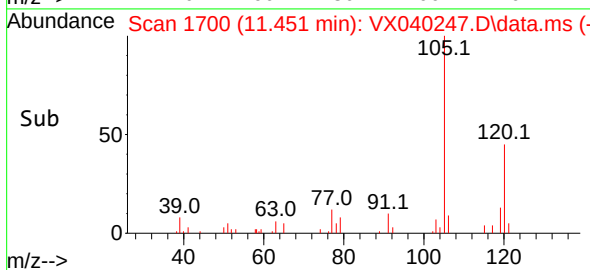
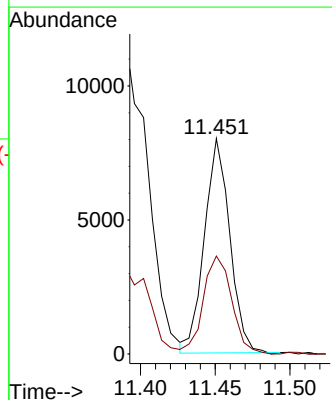
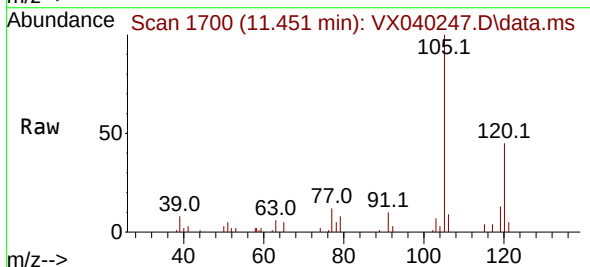
Instrument :
MSVOA_X
ClientSampleId :
50240DL

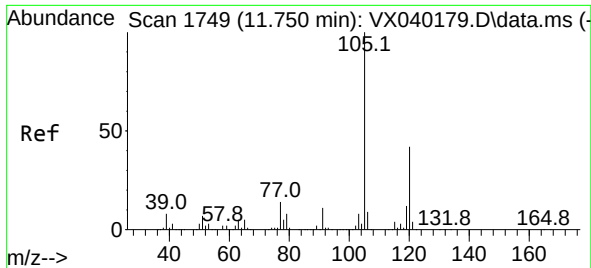
Tgt Ion: 91 Resp: 7822
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 2.483 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040247.D
Acq: 15 Feb 2024 13:19

Tgt Ion: 105 Resp: 9436
Ion Ratio Lower Upper
105 100
120 51.1 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 9.714 ug/l
 RT: 11.749 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040247.D
 Acq: 15 Feb 2024 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 50240DL

Tgt Ion:105 Resp: 37344
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.2 63.6

