

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042050.D
 Acq On : 26 Jun 2024 14:02
 Operator : JC/MD
 Sample : P3049-01
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SHOP-RAG-DRUM

Quant Time: Jun 27 03:43:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

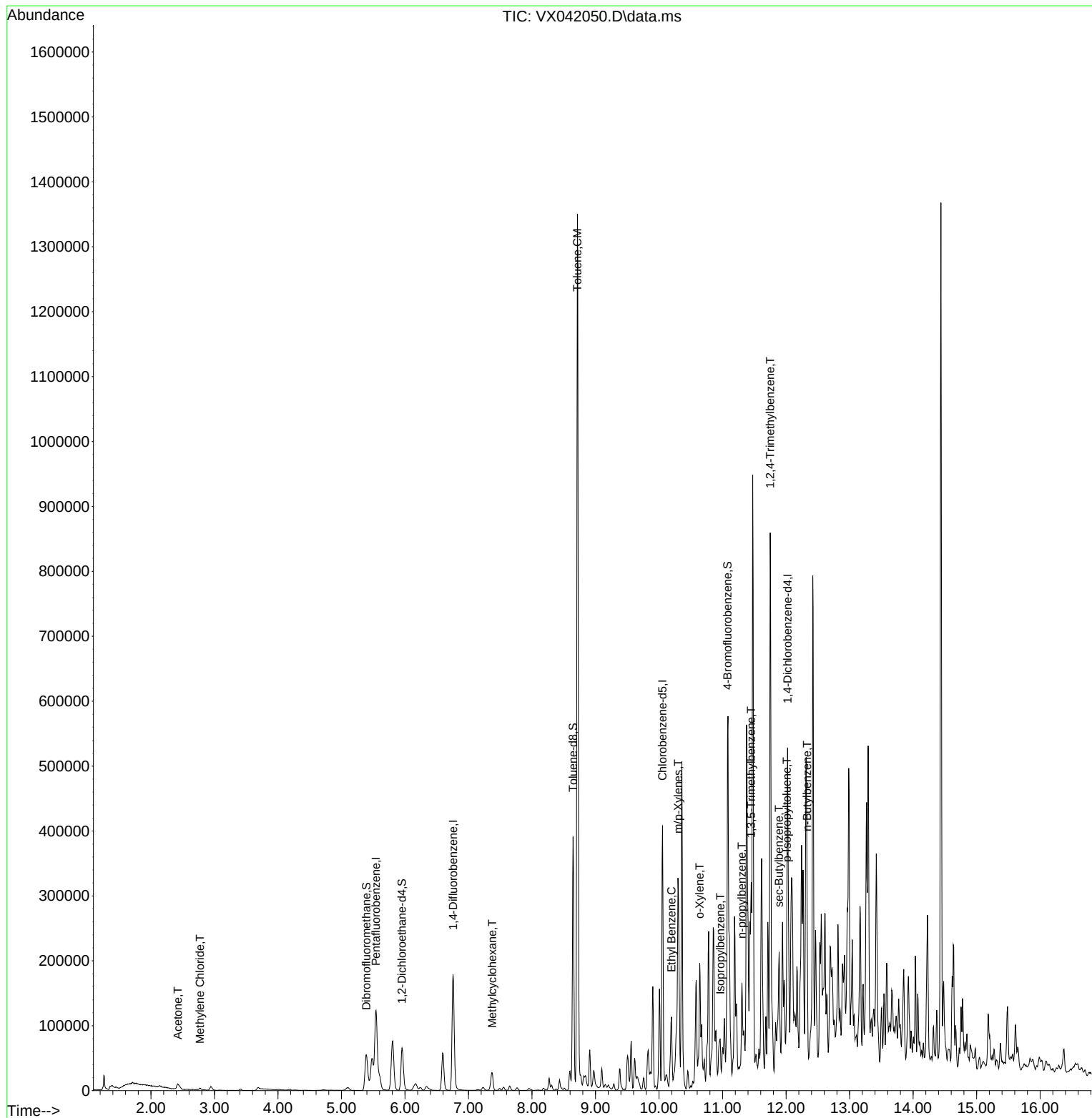
Internal Standards						
1) Pentafluorobenzene	5.544	168	136048	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	207574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65240	41.586	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.180%
35) Dibromofluoromethane	5.391	113	56730	38.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	77.040%
50) Toluene-d8	8.647	98	240440	46.469	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.940%
62) 4-Bromofluorobenzene	11.079	95	96226	50.451	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.900%
Target Compounds						
						Qvalue
16) Acetone	2.422	43	12400	18.001	ug/l	90
20) Methylene Chloride	2.770	84	2026	1.343	ug/l	# 91
39) Methylcyclohexane	7.372	83	12812	6.477	ug/l	91
52) Toluene	8.714	92	538420	160.293	ug/l	99
67) Ethyl Benzene	10.195	91	49922	7.362	ug/l	97
68) m/p-Xylenes	10.299	106	72820	26.601	ug/l	90
69) o-Xylene	10.640	106	43233	15.952	ug/l	91
73) Isopropylbenzene	10.963	105	22334	3.437	ug/l	95
78) n-propylbenzene	11.305	91	83258	11.807	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	98680	18.230	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	341400	62.866	ug/l	91
85) sec-Butylbenzene	11.890	105	34191	5.089	ug/l	79
86) p-Isopropyltoluene	12.012	119	18641	3.176	ug/l	94
89) n-Butylbenzene	12.329	91	65969	14.603	ug/l	# 44

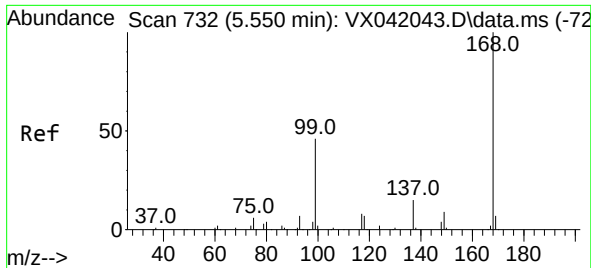
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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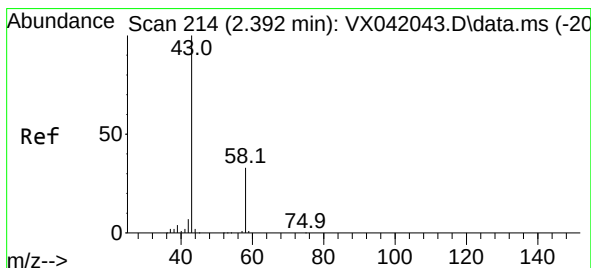
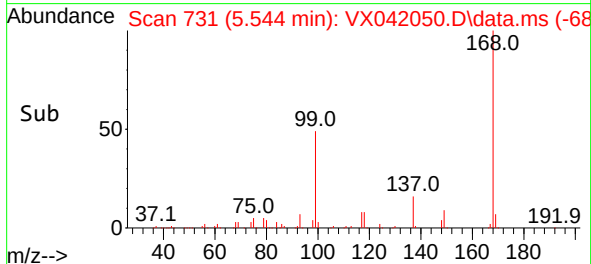
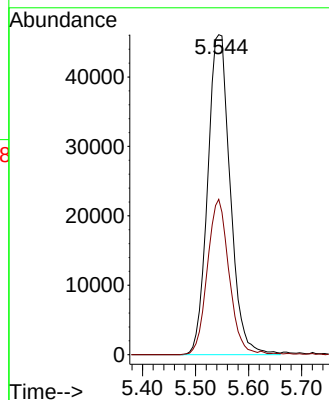
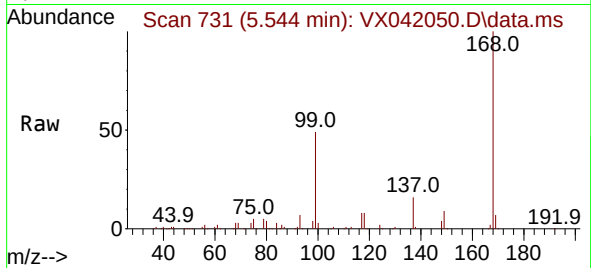




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

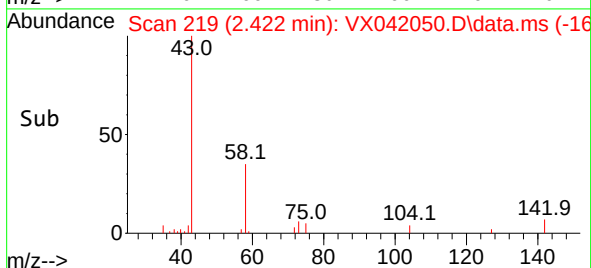
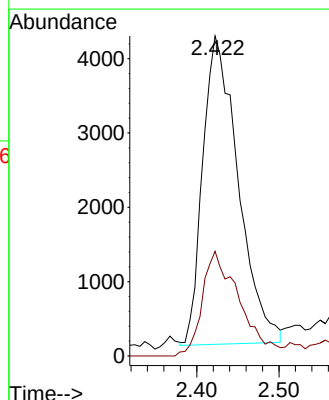
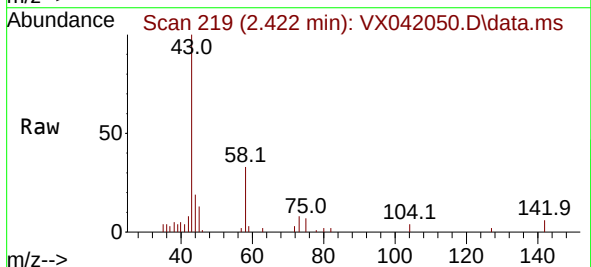
Instrument :
MSVOA_X
ClientSampleId :
SHOP-RAG-DRUM

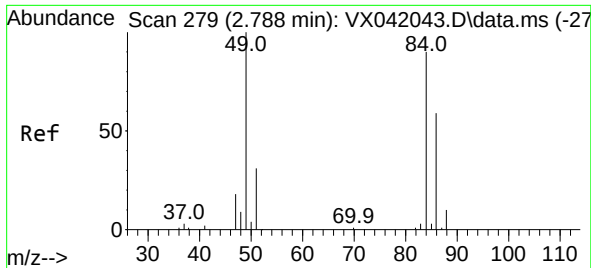
Tgt Ion:168 Resp: 136048
Ion Ratio Lower Upper
168 100
99 48.6 56.6 85.0#



#16
Acetone
Concen: 18.001 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.024 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

Tgt Ion: 43 Resp: 12400
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9



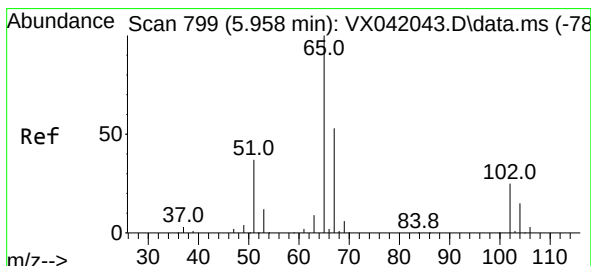
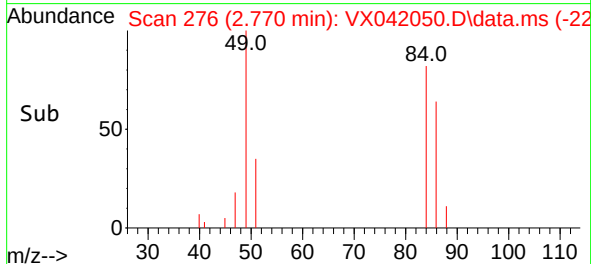
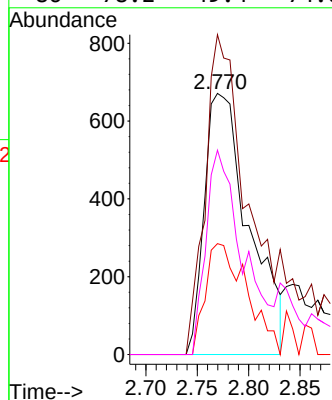
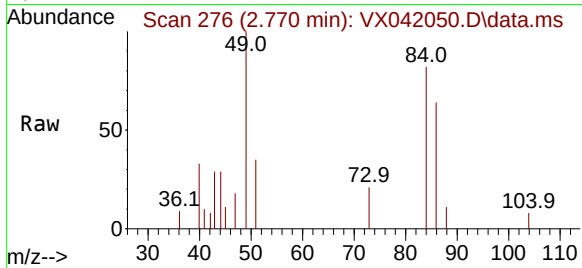


#20
Methylene Chloride
Concen: 1.343 ug/l
RT: 2.770 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

Instrument :
MSVOA_X
ClientSampleId :
SHOP-RAG-DRUM

Tgt Ion: 84 Resp: 2026

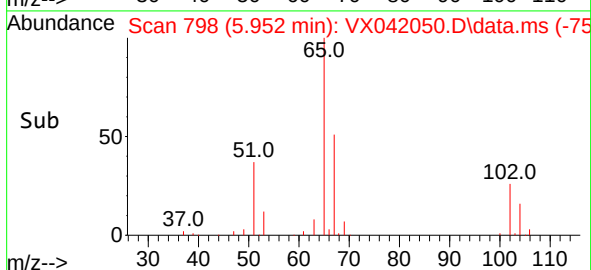
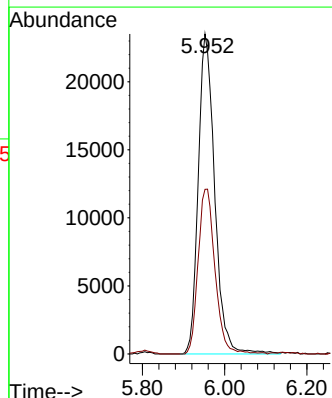
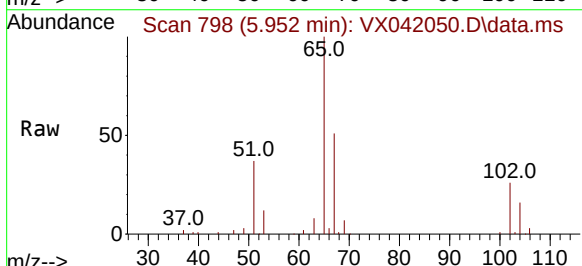
Ion	Ratio	Lower	Upper
84	100		
49	122.5	103.6	155.4
51	42.5	33.8	50.6
86	78.2	49.4	74.0

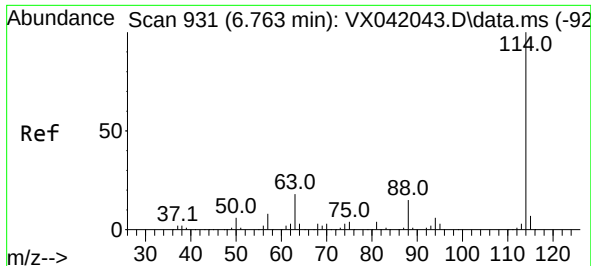


#33
1,2-Dichloroethane-d4
Concen: 41.586 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

Tgt Ion: 65 Resp: 65240

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	100.2

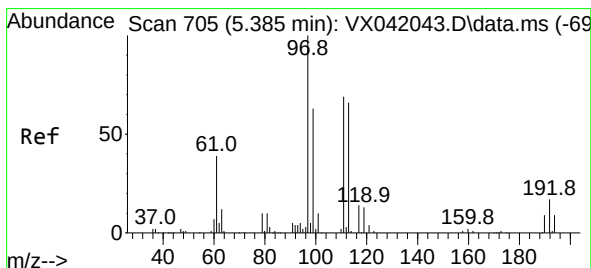
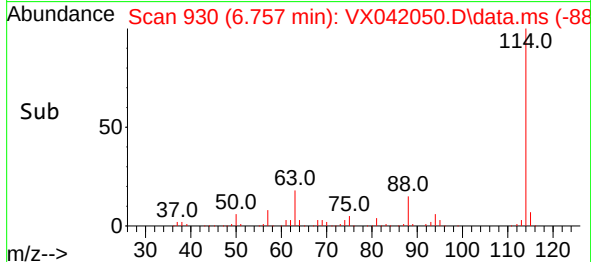
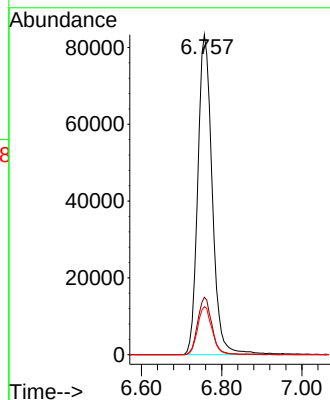
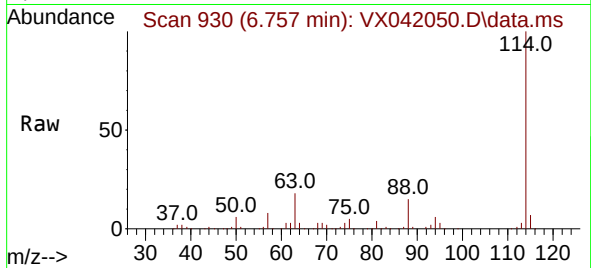




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

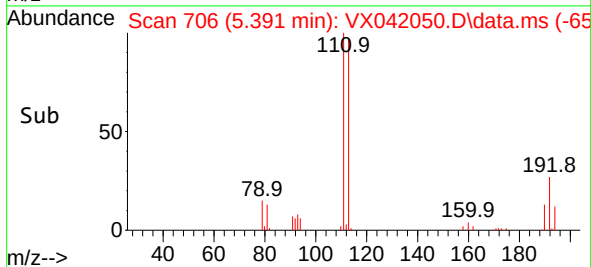
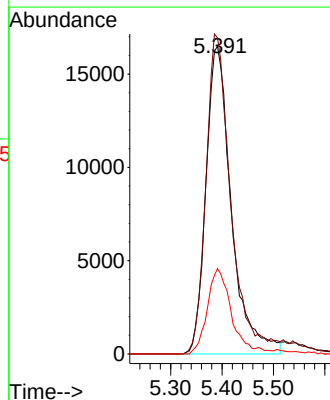
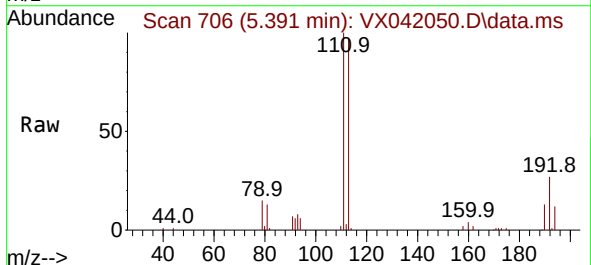
Instrument :
MSVOA_X
ClientSampleId :
SHOP-RAG-DRUM

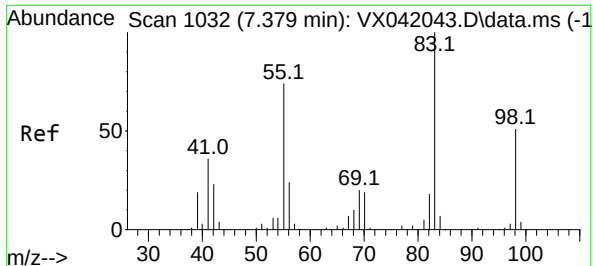
Tgt Ion:114 Resp: 207574
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 38.517 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

Tgt Ion:113 Resp: 56730
Ion Ratio Lower Upper
113 100
111 100.1 82.9 124.3
192 26.5 13.3 19.9#





#39

Methylcyclohexane

Concen: 6.477 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX042050.D

Acq: 26 Jun 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

SHOP-RAG-DRUM

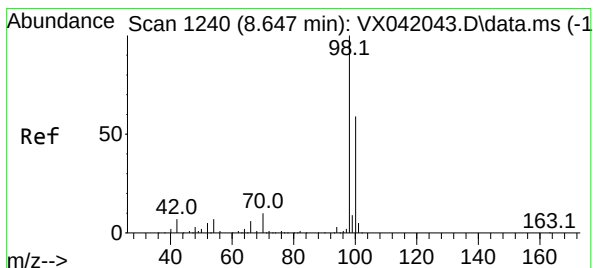
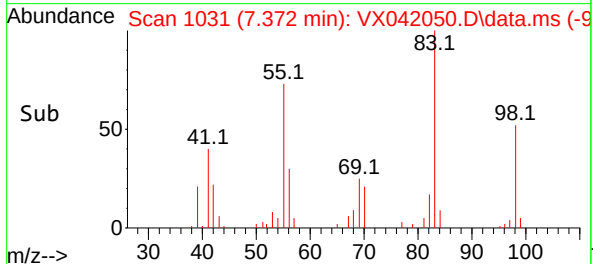
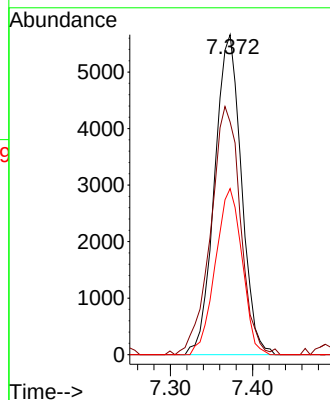
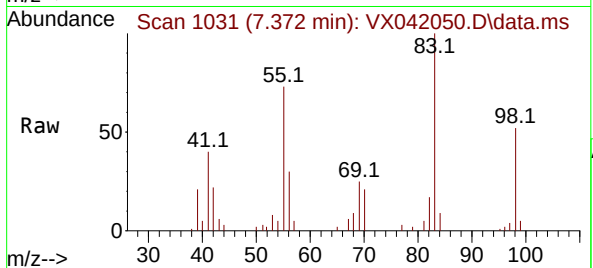
Tgt Ion: 83 Resp: 12812

Ion Ratio Lower Upper

83 100

55 72.7 64.6 97.0

98 51.9 36.7 55.1



#50

Toluene-d8

Concen: 46.469 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX042050.D

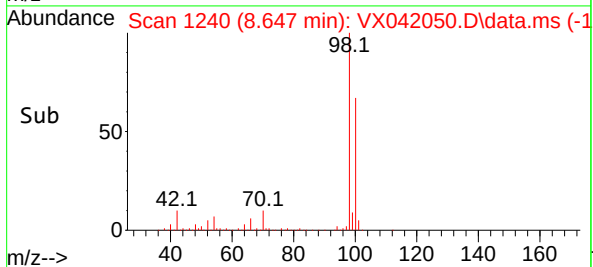
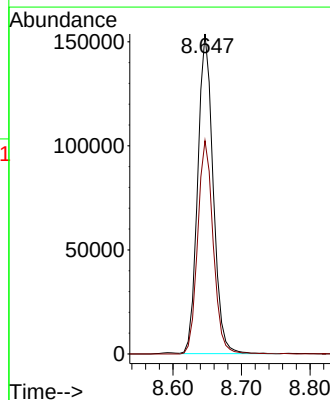
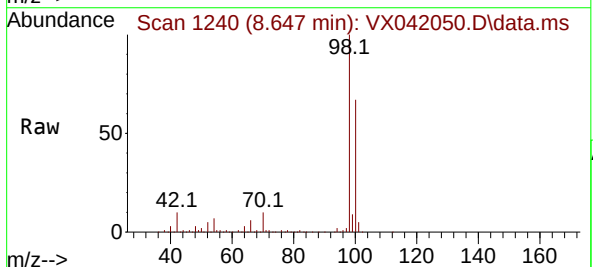
Acq: 26 Jun 2024 14:02

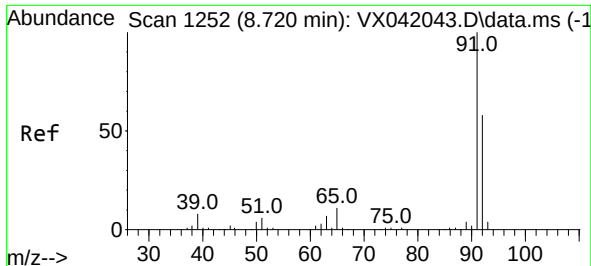
Tgt Ion: 98 Resp: 240440

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7

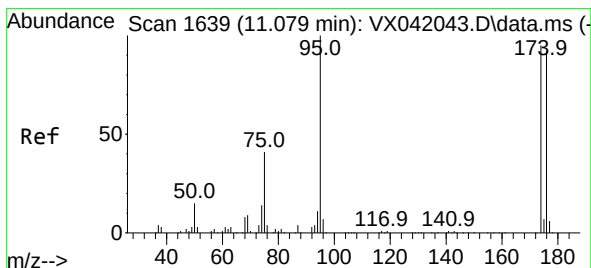
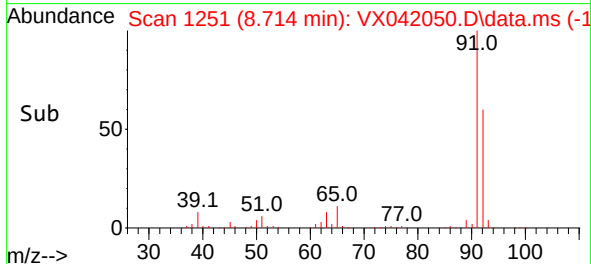
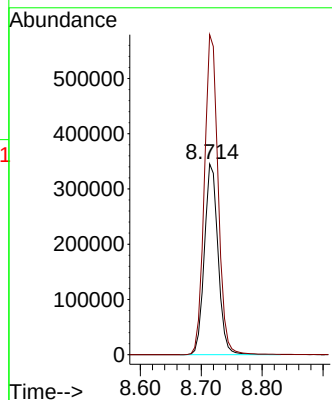
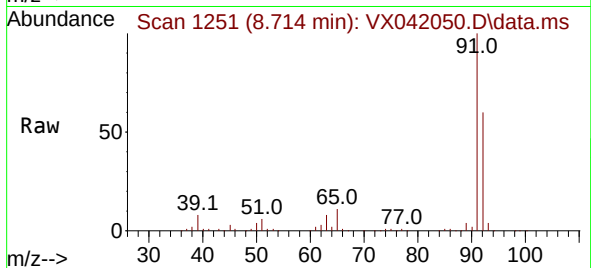




#52
Toluene
Concen: 160.293 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

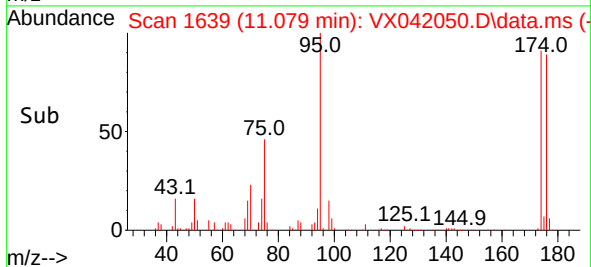
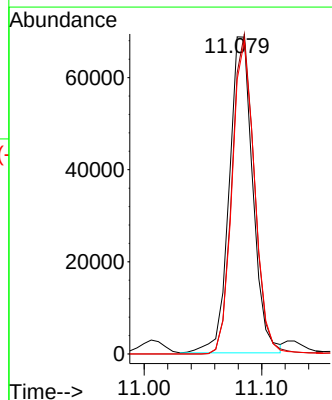
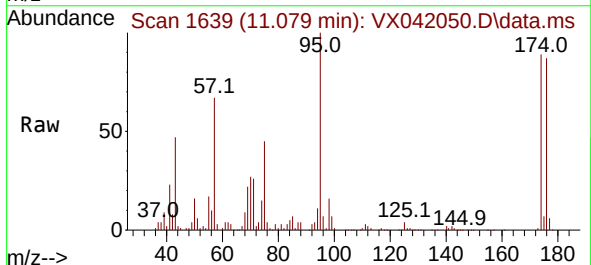
Instrument :
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SHOP-RAG-DRUM

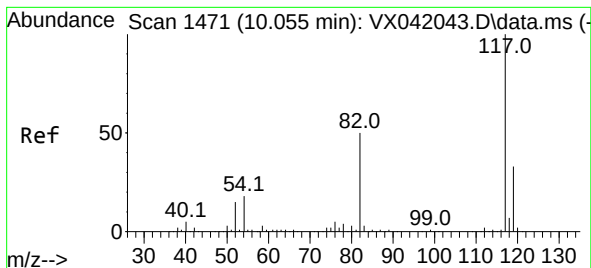
Tgt Ion: 92 Resp: 538420
Ion Ratio Lower Upper
92 100
91 168.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

Tgt Ion: 95 Resp: 96226
Ion Ratio Lower Upper
95 100
174 95.9 0.0 135.6
176 94.3 0.0 131.0

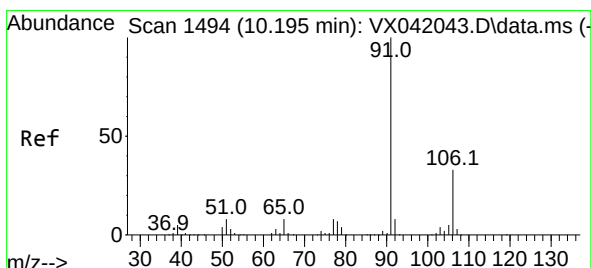
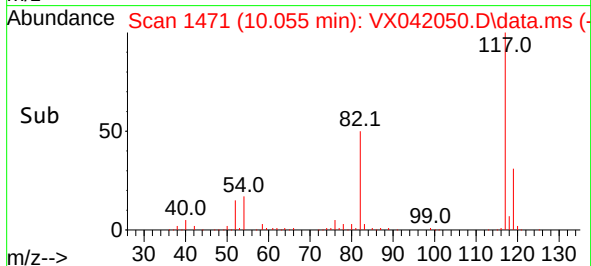
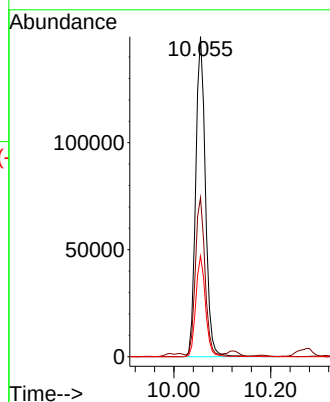
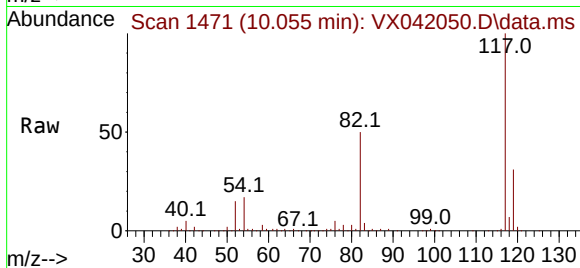




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

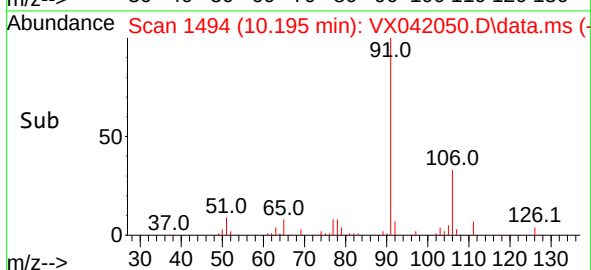
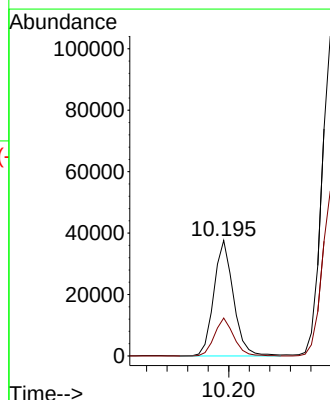
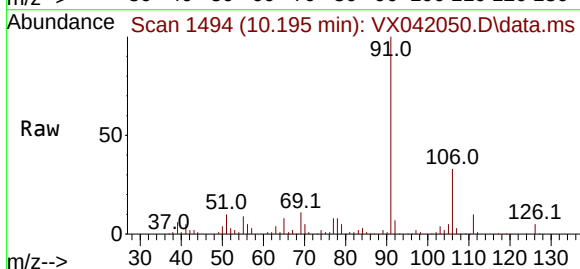
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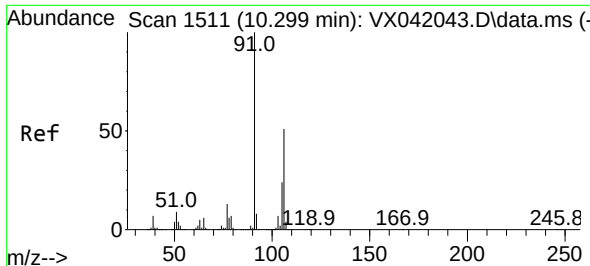
Tgt Ion:117 Resp: 208060
Ion Ratio Lower Upper
117 100
82 49.6 46.2 69.4
119 31.5 25.5 38.3



#67
Ethyl Benzene
Concen: 7.362 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

Tgt Ion: 91 Resp: 49922
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3

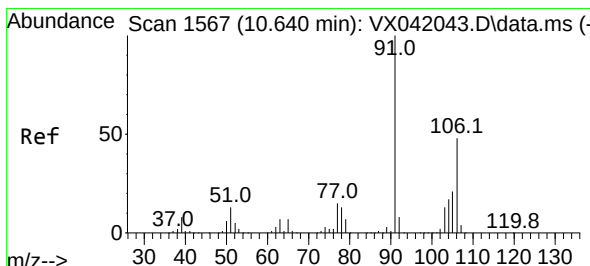
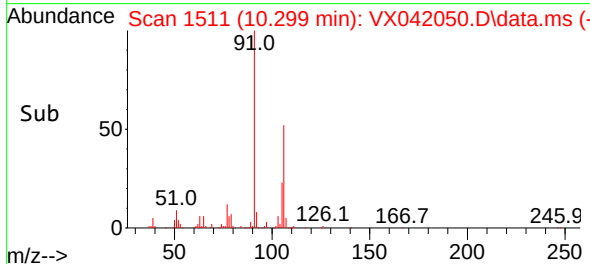
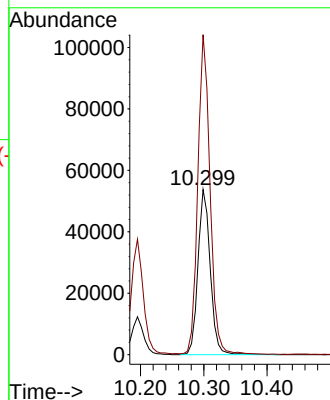
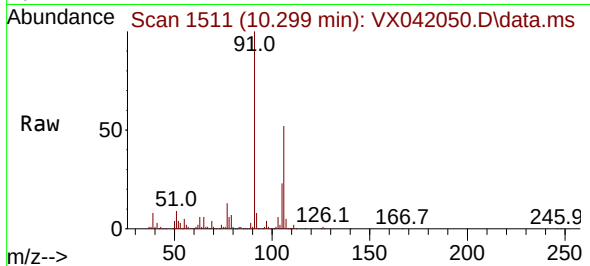




#68
m/p-Xylenes
Concen: 26.601 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

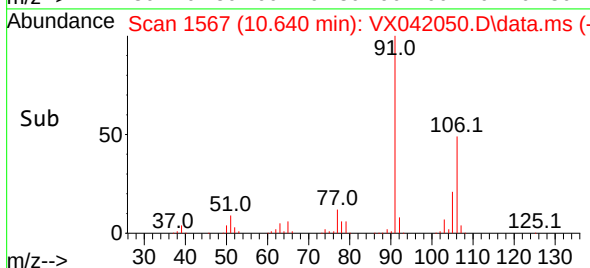
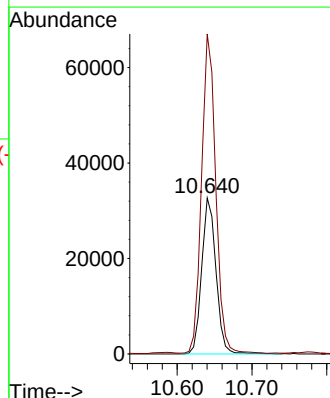
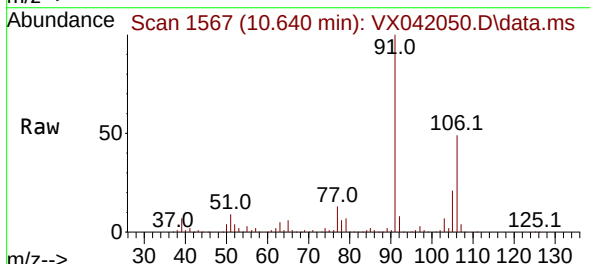
Instrument :
MSVOA_X
ClientSampleId :
SHOP-RAG-DRUM

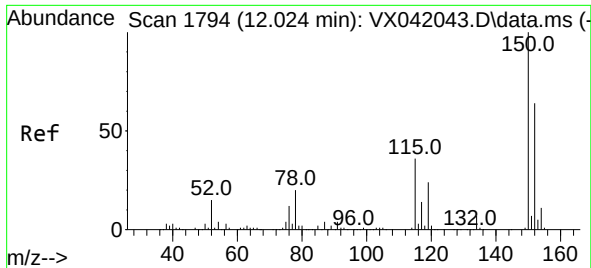
Tgt Ion:106 Resp: 72820
Ion Ratio Lower Upper
106 100
91 192.2 165.5 248.3



#69
o-Xylene
Concen: 15.952 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

Tgt Ion:106 Resp: 43233
Ion Ratio Lower Upper
106 100
91 203.1 108.9 326.8

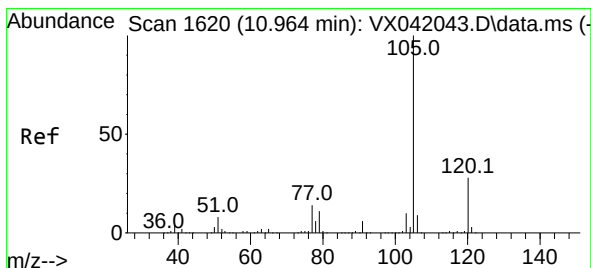
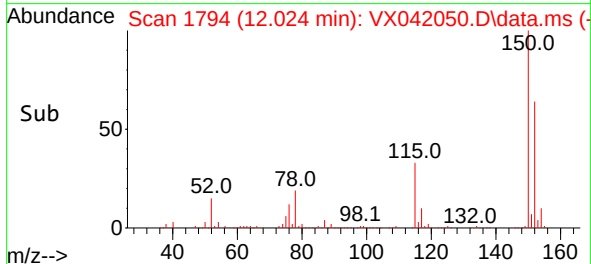
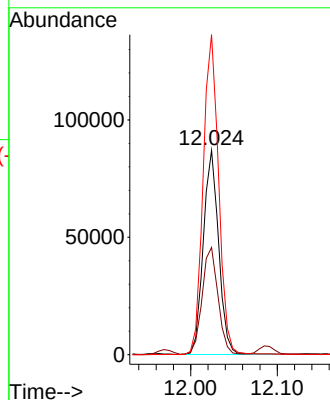
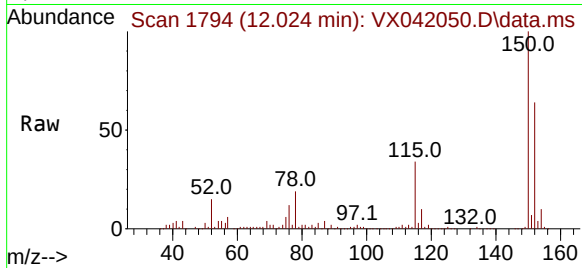




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

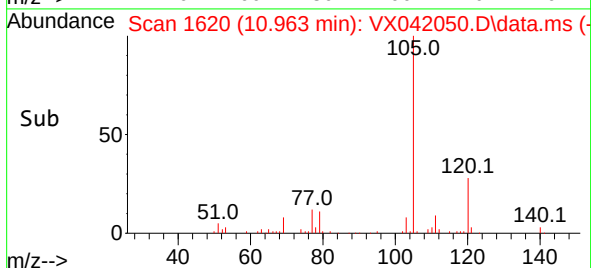
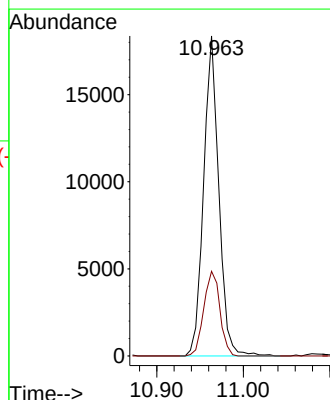
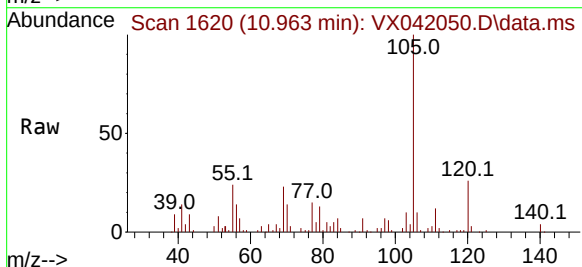
Instrument :
MSVOA_X
ClientSampleId :
SHOP-RAG-DRUM

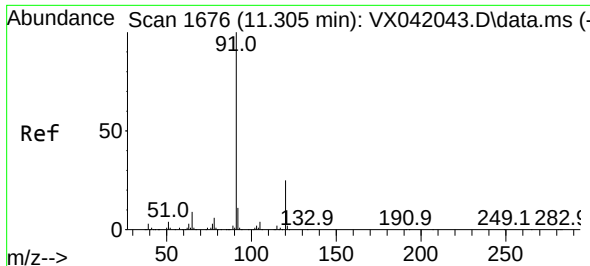
Tgt Ion:152 Resp: 106880
Ion Ratio Lower Upper
152 100
115 54.5 43.3 129.9
150 158.3 0.0 345.0



#73
Isopropylbenzene
Concen: 3.437 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

Tgt Ion:105 Resp: 22334
Ion Ratio Lower Upper
105 100
120 28.0 12.9 38.6

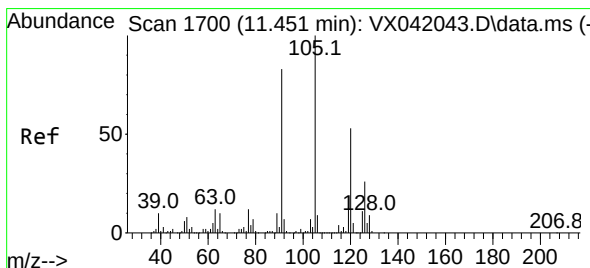
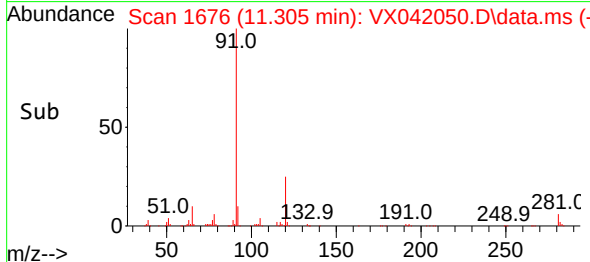
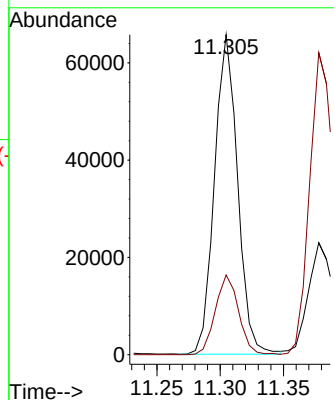
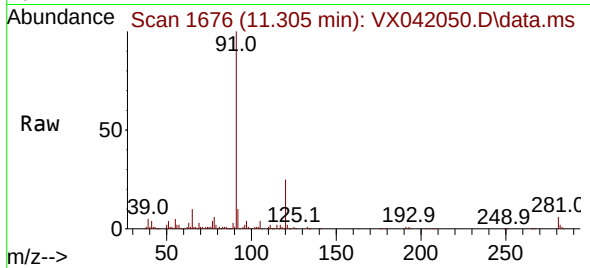




#78
n-propylbenzene
Concen: 11.807 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

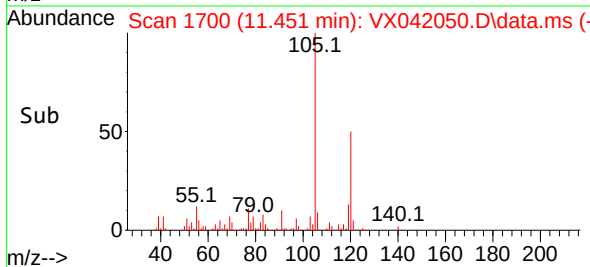
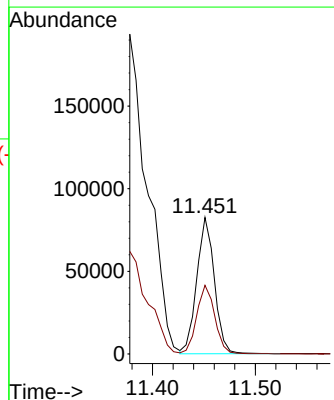
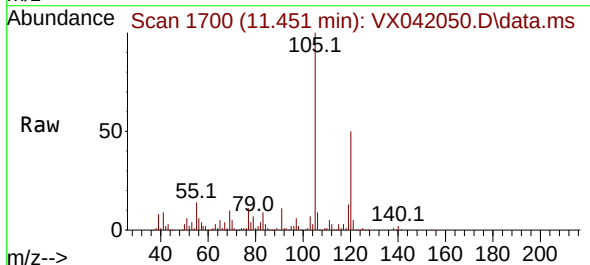
Instrument :
MSVOA_X
ClientSampleId :
SHOP-RAG-DRUM

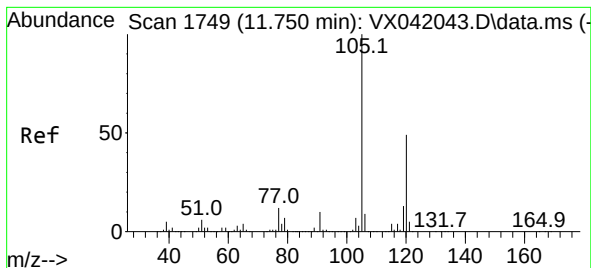
Tgt Ion: 91 Resp: 83258
Ion Ratio Lower Upper
91 100
120 25.1 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 18.230 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042050.D
Acq: 26 Jun 2024 14:02

Tgt Ion: 105 Resp: 98680
Ion Ratio Lower Upper
105 100
120 51.4 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 62.866 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042050.D

Acq: 26 Jun 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

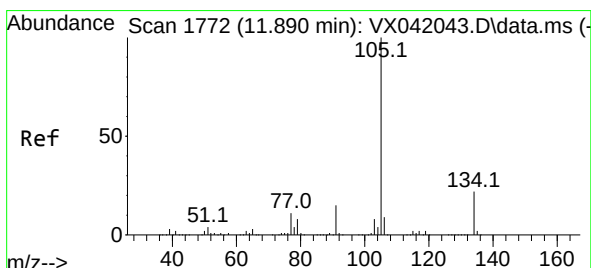
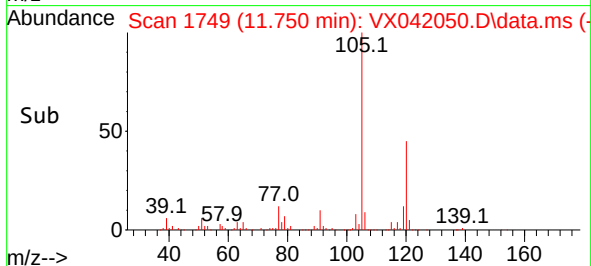
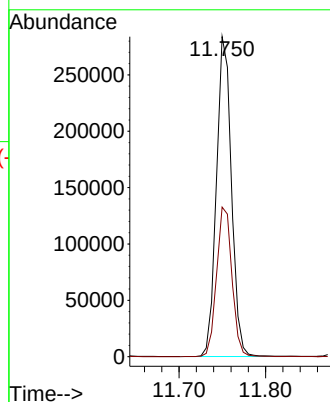
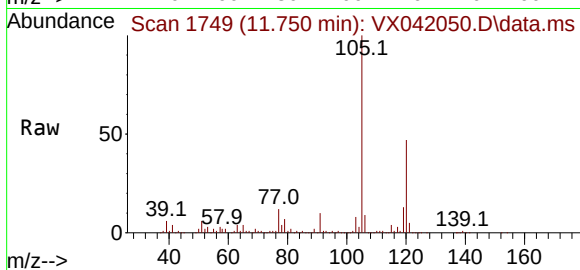
SHOP-RAG-DRUM

Tgt Ion:105 Resp: 341400

Ion Ratio Lower Upper

105 100

120 47.9 21.2 63.6



#85

sec-Butylbenzene

Concen: 5.089 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX042050.D

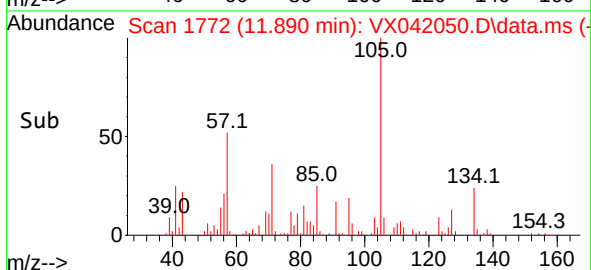
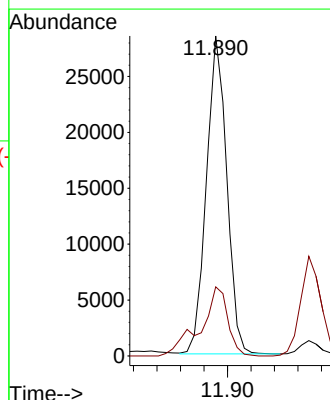
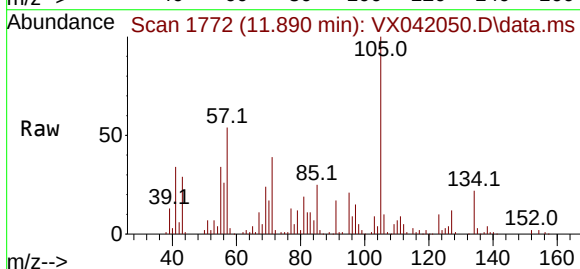
Acq: 26 Jun 2024 14:02

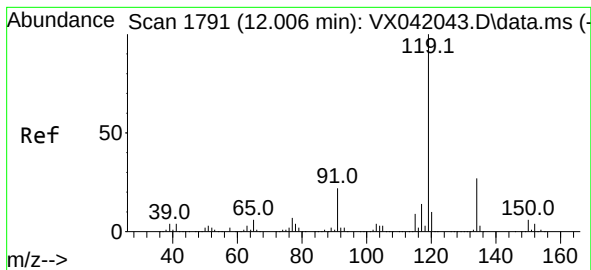
Tgt Ion:105 Resp: 34191

Ion Ratio Lower Upper

105 100

134 29.1 9.8 29.4





#86

p-Isopropyltoluene

Concen: 3.176 ug/l

RT: 12.012 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VX042050.D

Acq: 26 Jun 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

SHOP-RAG-DRUM

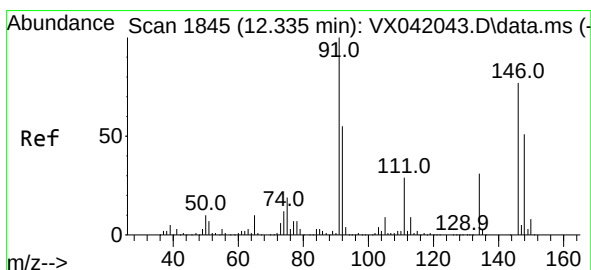
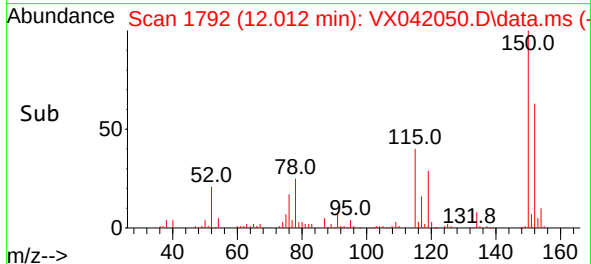
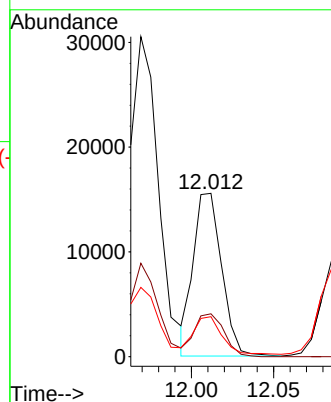
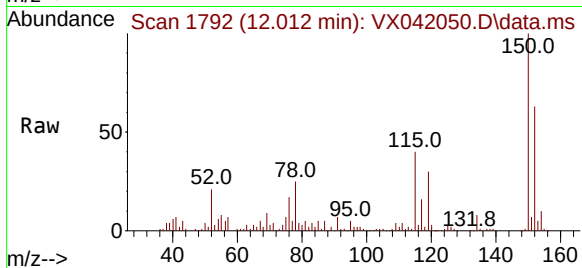
Tgt Ion:119 Resp: 18641

Ion Ratio Lower Upper

119 100

134 27.7 12.8 38.3

91 22.8 13.1 39.3



#89

n-Butylbenzene

Concen: 14.603 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX042050.D

Acq: 26 Jun 2024 14:02

Tgt Ion: 91 Resp: 65969

Ion Ratio Lower Upper

91 100

92 40.0 27.4 82.0

134 92.4 12.6 37.8#

