

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042056.D
 Acq On : 26 Jun 2024 16:24
 Operator : JC/MD
 Sample : P3049-01DL 5X
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SHOP-RAG-DRUMDL

Quant Time: Jun 27 03:44:52 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)

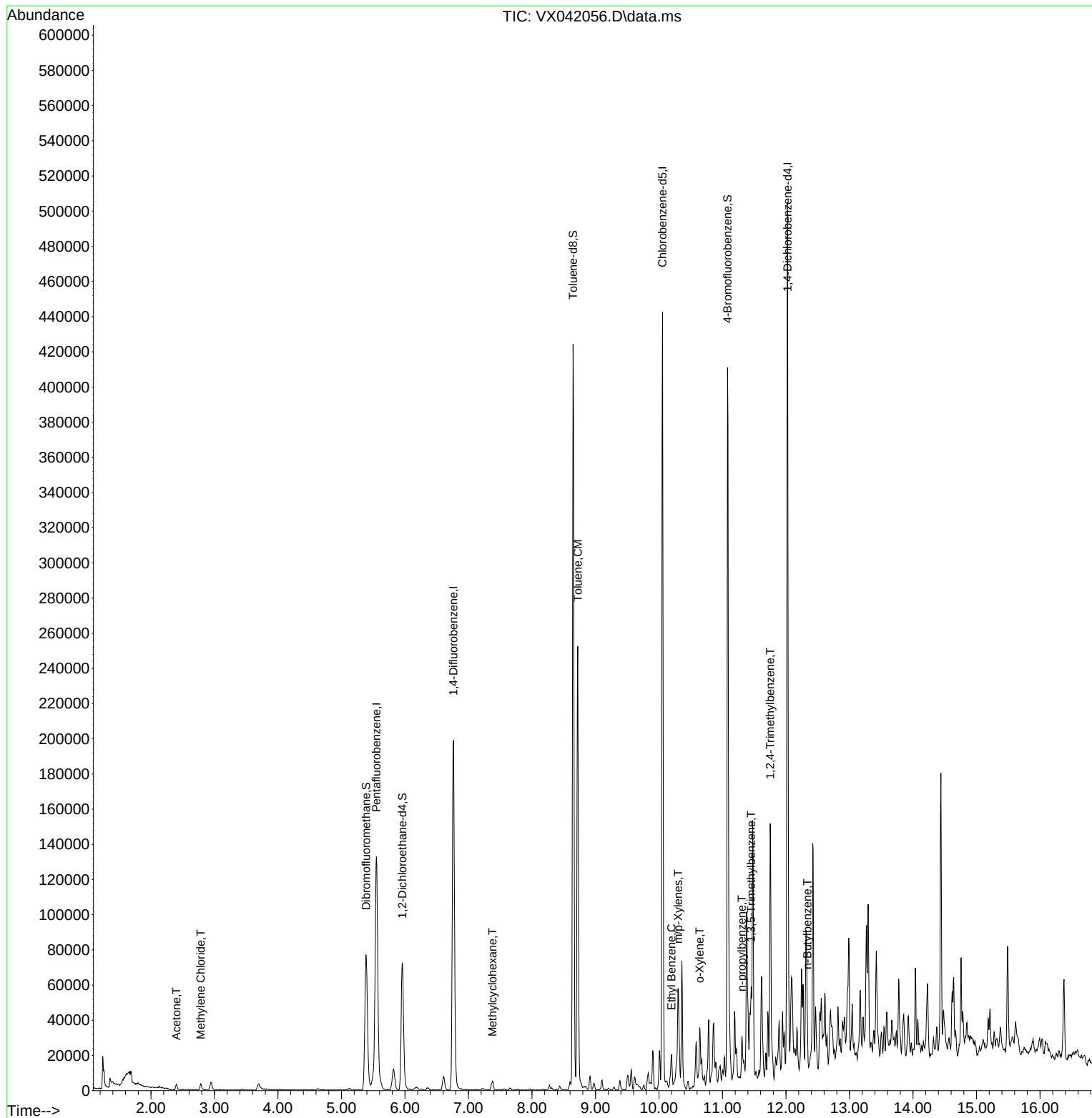
Internal Standards						
1) Pentafluorobenzene	5.550	168	150781	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	228471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68997	39.683	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.360%
35) Dibromofluoromethane	5.385	113	68448	42.223	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.440%
50) Toluene-d8	8.647	98	262150	46.031	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	101996	48.585	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.160%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	3658	4.791	ug/l	# 85
20) Methylene Chloride	2.782	84	1993	1.192	ug/l	89
39) Methylcyclohexane	7.379	83	2280	1.047	ug/l	# 87
52) Toluene	8.720	92	103629	28.030	ug/l	100
67) Ethyl Benzene	10.195	91	9515	1.325	ug/l	100
68) m/p-Xylenes	10.299	106	13640	4.704	ug/l	88
69) o-Xylene	10.640	106	8118	2.828	ug/l	97
78) n-propylbenzene	11.305	91	15450	1.995	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	18937	3.185	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	63287	10.608	ug/l	91
89) n-Butylbenzene	12.335	91	11043	2.225	ug/l	# 43

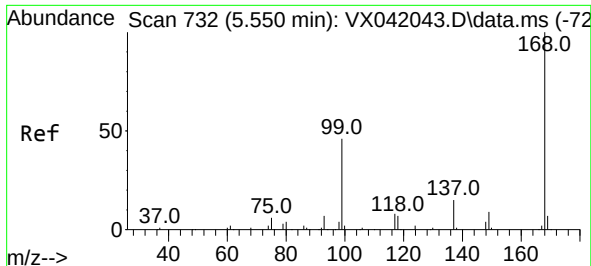
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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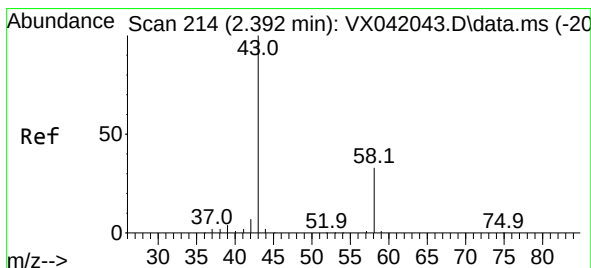
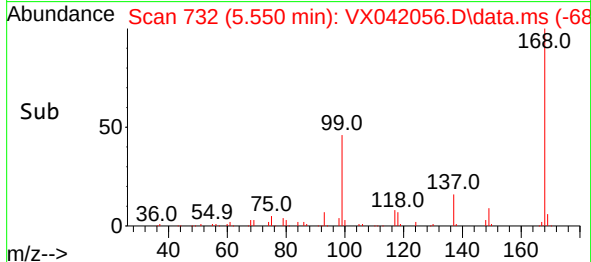
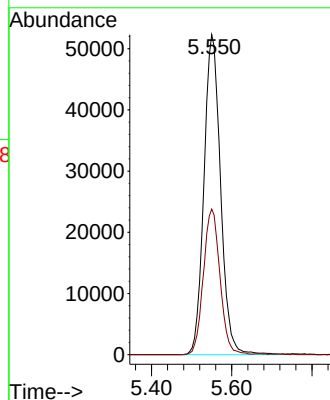
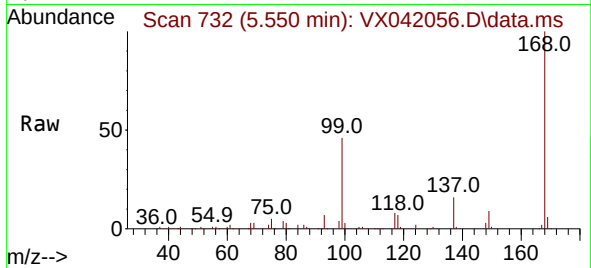




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

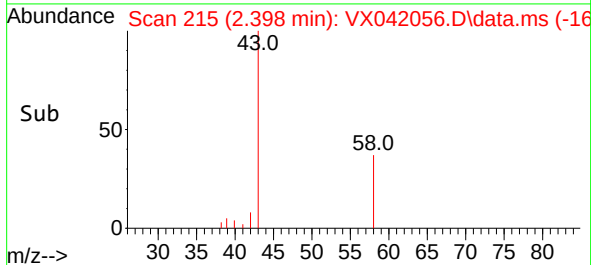
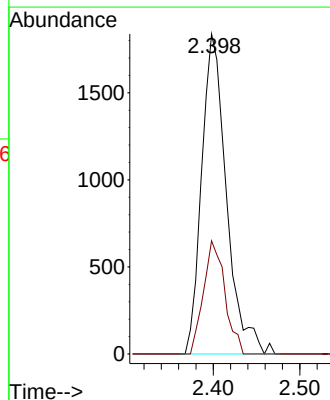
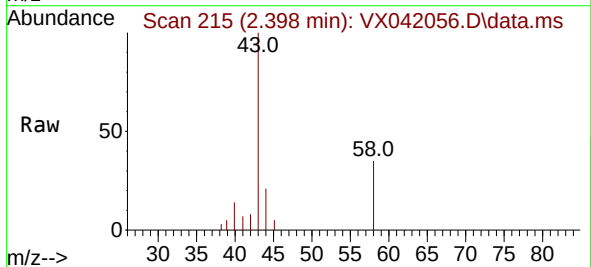
Instrument :
MSVOA_X
ClientSampleId :
SHOP-RAG-DRUMDL

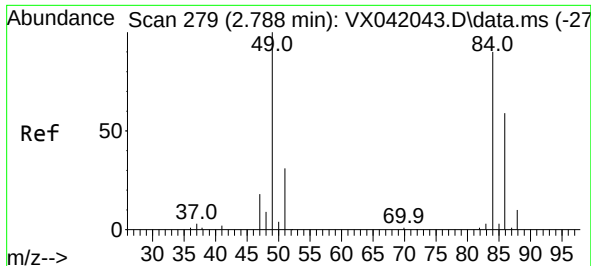
Tgt Ion:168 Resp: 150781
Ion Ratio Lower Upper
168 100
99 45.5 56.6 85.0#



#16
Acetone
Concen: 4.791 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

Tgt Ion: 43 Resp: 3658
Ion Ratio Lower Upper
43 100
58 35.4 21.9 32.9#

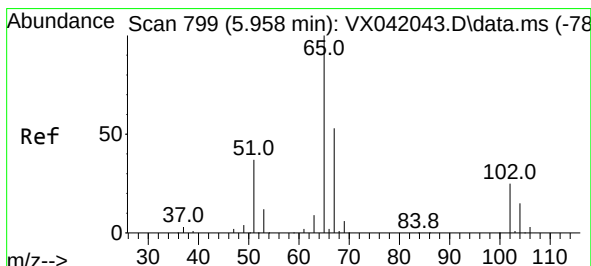
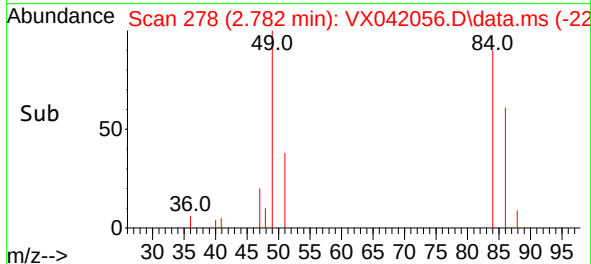
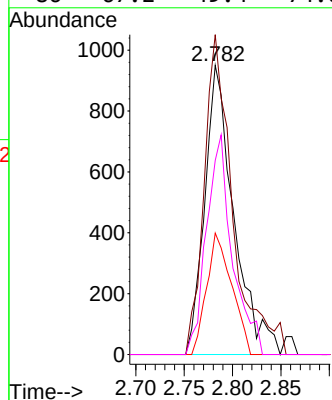
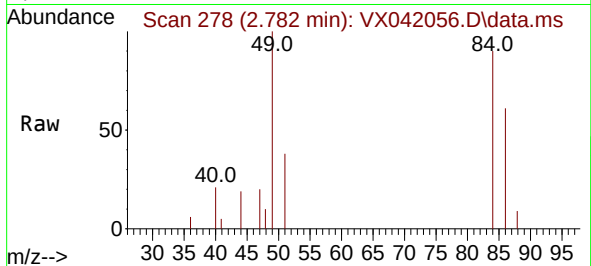




#20
Methylene Chloride
Concen: 1.192 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

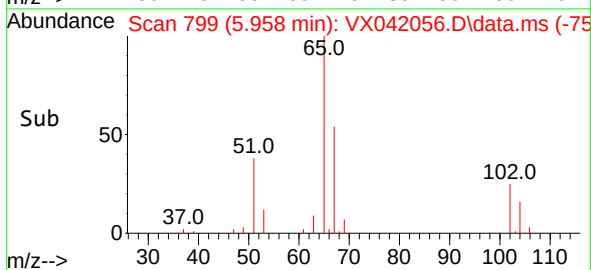
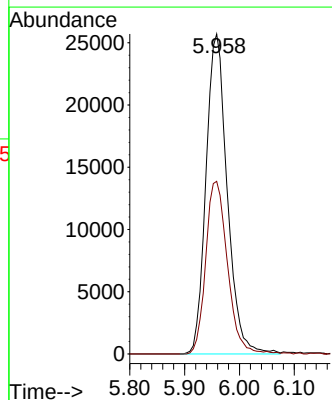
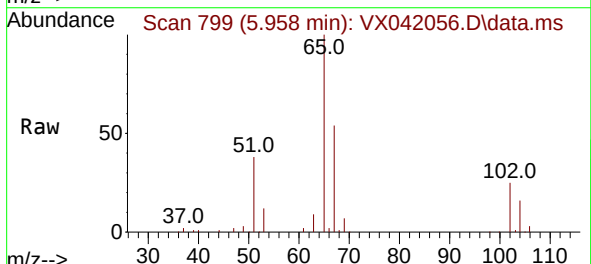
Instrument :
MSVOA_X
ClientSampleId :
SHOP-RAG-DRUMDL

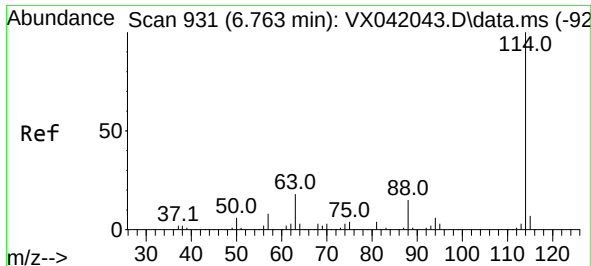
Tgt Ion:	84	Resp:	1993
Ion	Ratio	Lower	Upper
84	100		
49	110.6	103.6	155.4
51	42.0	33.8	50.6
86	67.2	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 39.683 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

Tgt Ion:	65	Resp:	68997
Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	100.2

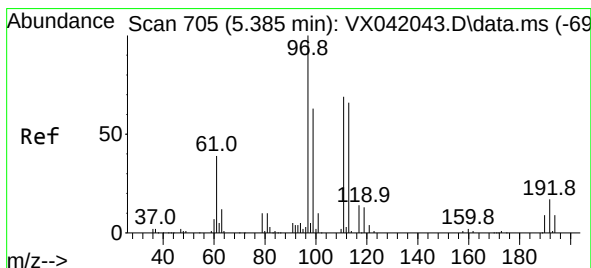
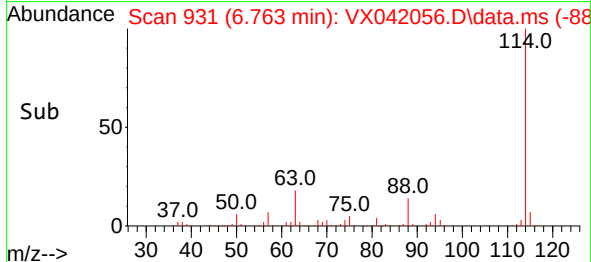
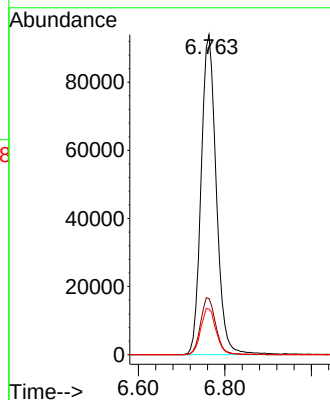
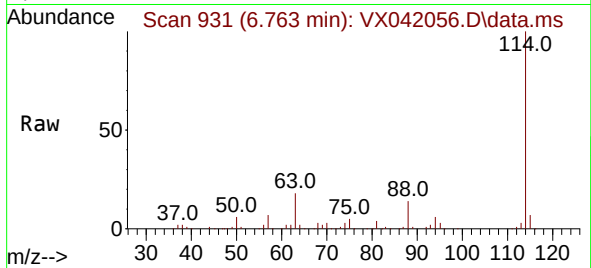




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

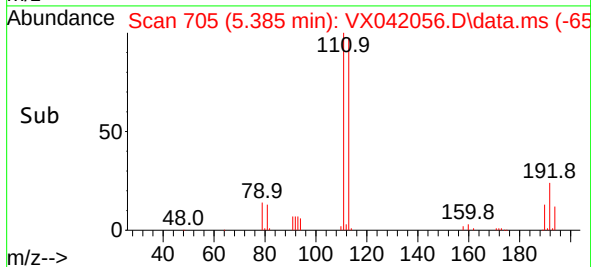
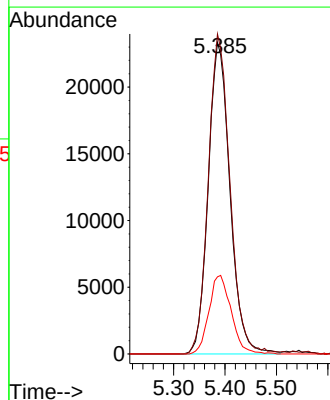
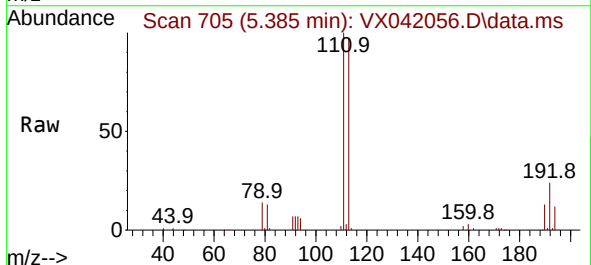
Instrument :
MSVOA_X
ClientSampleId :
SHOP-RAG-DRUMDL

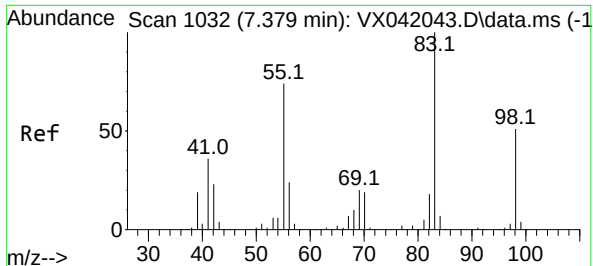
Tgt Ion:114 Resp: 228471
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 14.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.223 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

Tgt Ion:113 Resp: 68448
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 25.9 13.3 19.9#





#39

Methylcyclohexane

Concen: 1.047 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX042056.D

Acq: 26 Jun 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

SHOP-RAG-DRUMDL

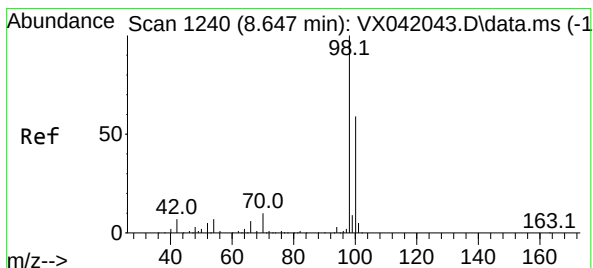
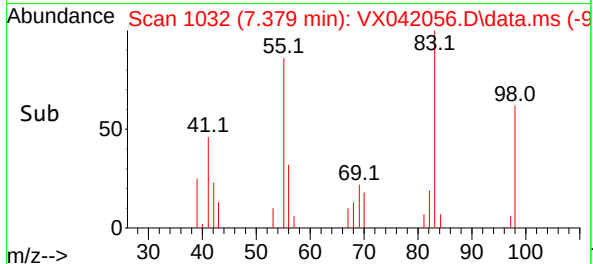
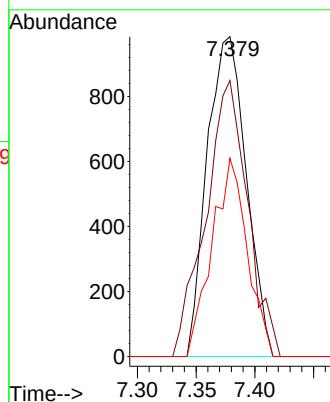
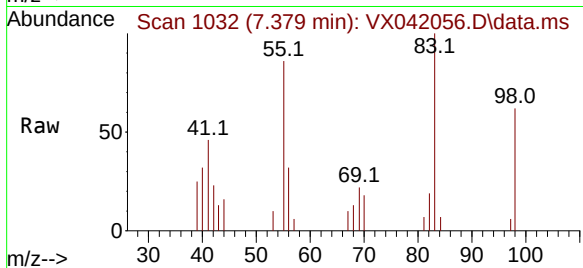
Tgt Ion: 83 Resp: 2280

Ion Ratio Lower Upper

83 100

55 86.3 64.6 97.0

98 62.0 36.7 55.1#



#50

Toluene-d8

Concen: 46.031 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX042056.D

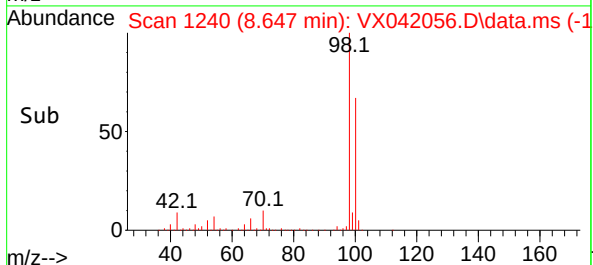
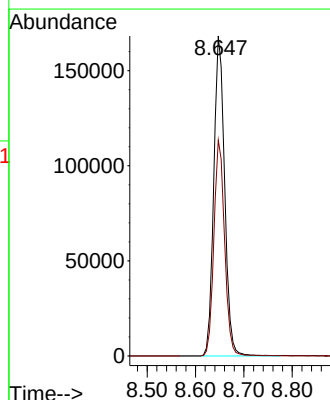
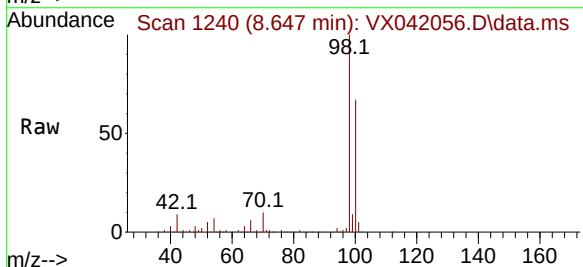
Acq: 26 Jun 2024 16:24

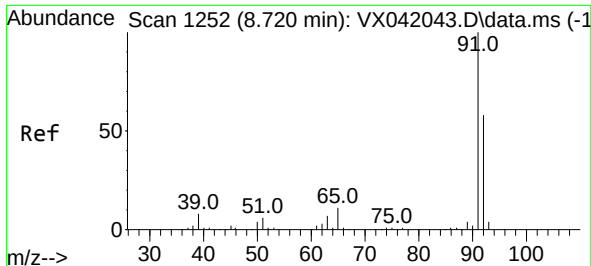
Tgt Ion: 98 Resp: 262150

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7

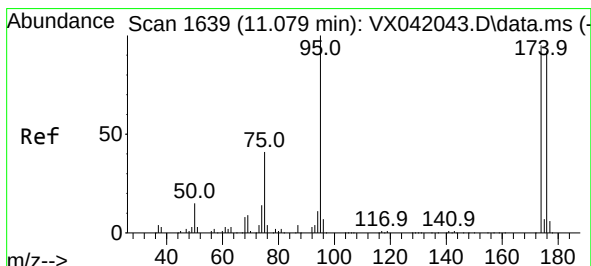
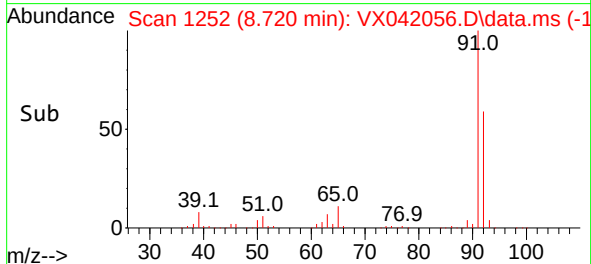
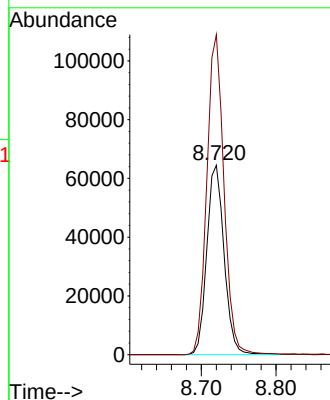
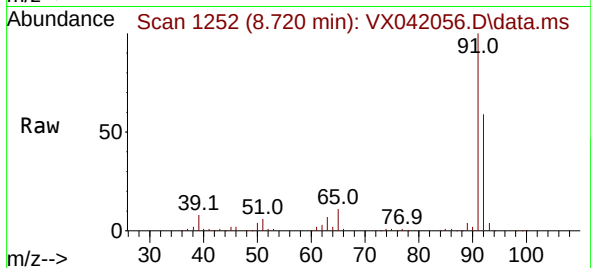




#52
Toluene
Concen: 28.030 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

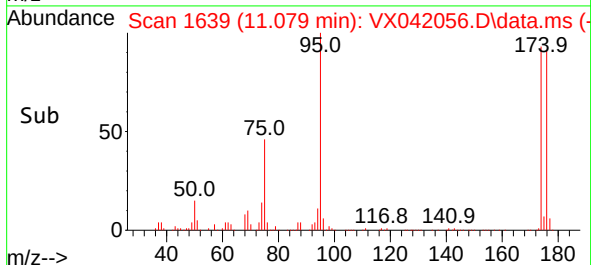
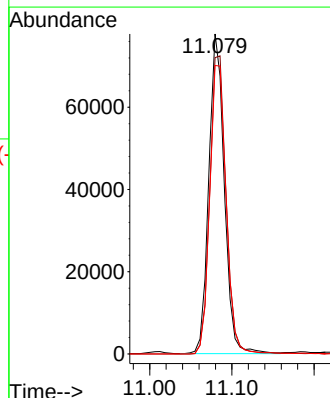
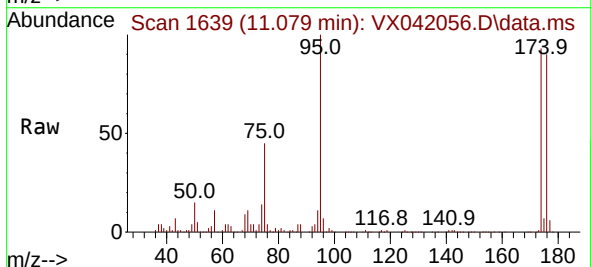
Instrument :
MSVOA_X
ClientSampleId :
SHOP-RAG-DRUMDL

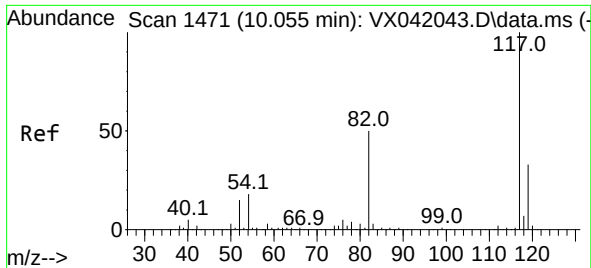
Tgt Ion: 92 Resp: 103629
Ion Ratio Lower Upper
92 100
91 167.5 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

Tgt Ion: 95 Resp: 101996
Ion Ratio Lower Upper
95 100
174 97.9 0.0 135.6
176 95.5 0.0 131.0

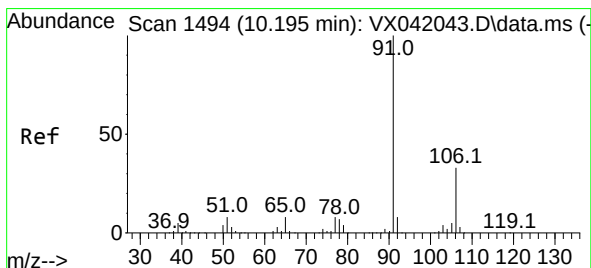
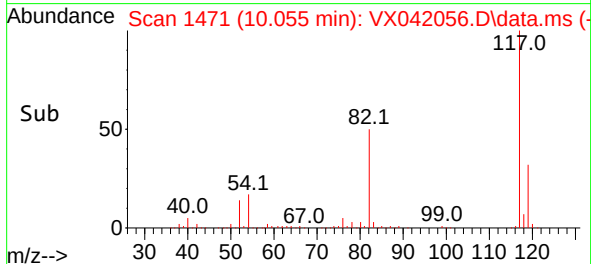
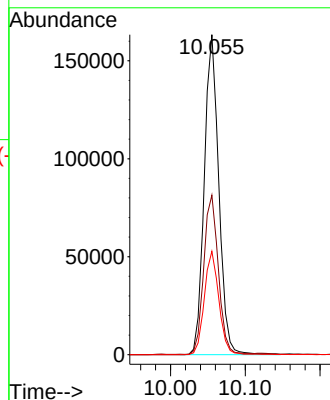
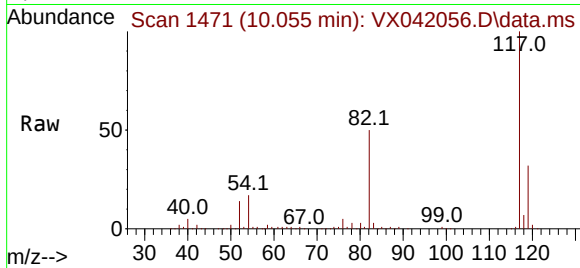




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

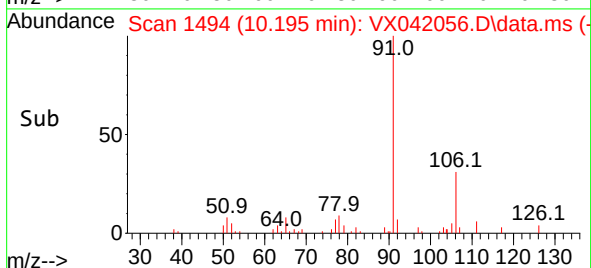
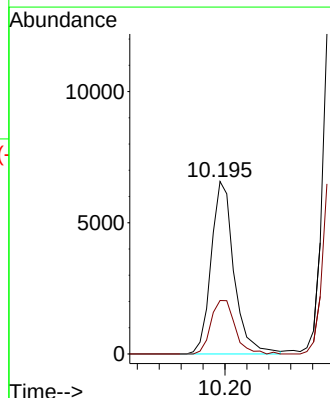
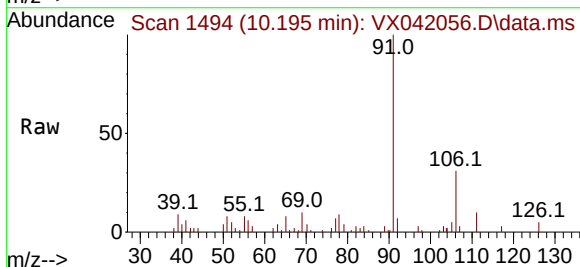
Instrument :
MSVOA_X
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SHOP-RAG-DRUMDL

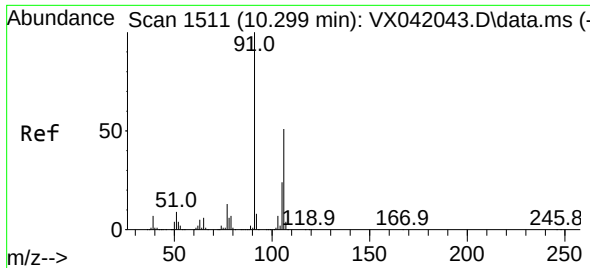
Tgt Ion:117 Resp: 220388
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 1.325 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

Tgt Ion: 91 Resp: 9515
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

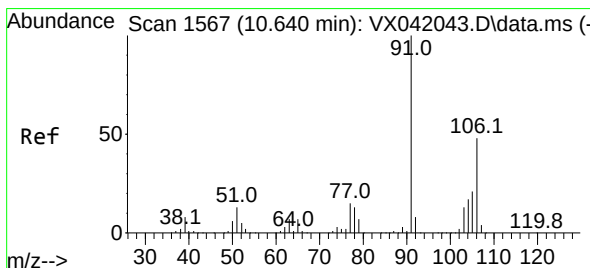
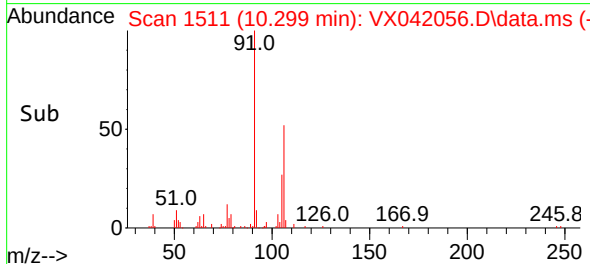
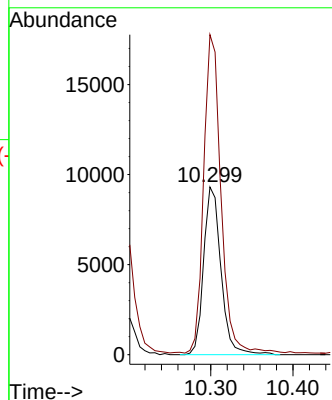
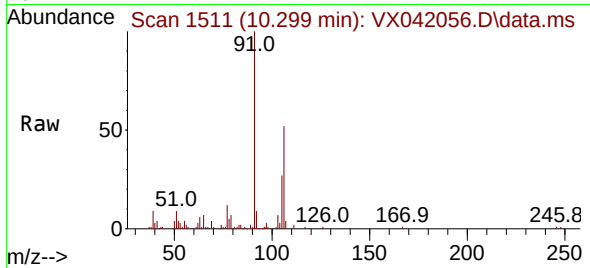




#68
m/p-Xylenes
Concen: 4.704 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

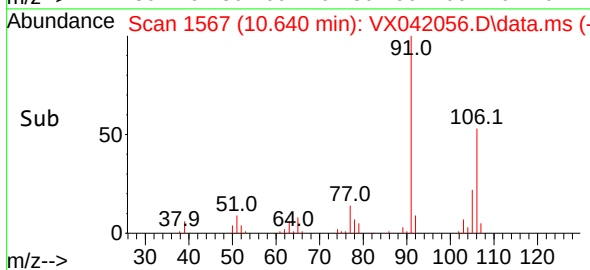
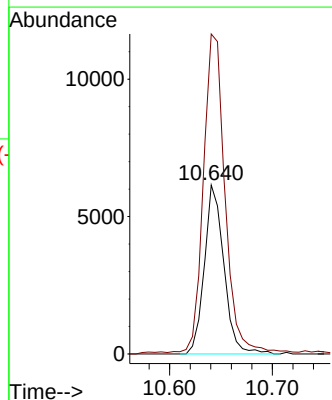
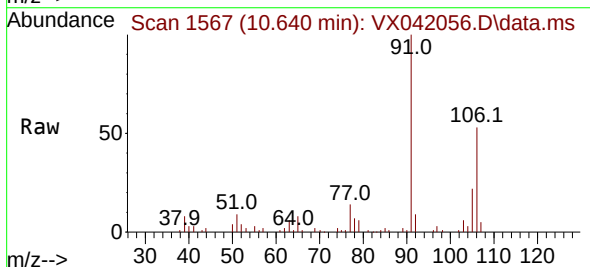
Instrument :
MSVOA_X
ClientSampleId :
SHOP-RAG-DRUMDL

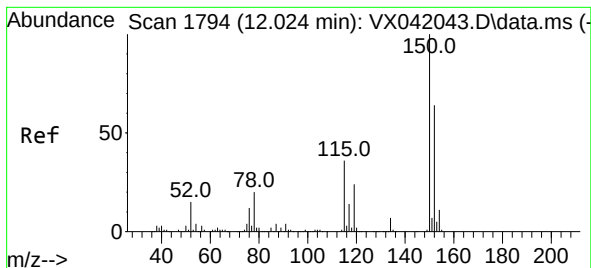
Tgt Ion:106 Resp: 13640
Ion Ratio Lower Upper
106 100
91 189.0 165.5 248.3



#69
o-Xylene
Concen: 2.828 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

Tgt Ion:106 Resp: 8118
Ion Ratio Lower Upper
106 100
91 213.5 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042056.D

Acq: 26 Jun 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

SHOP-RAG-DRUMDL

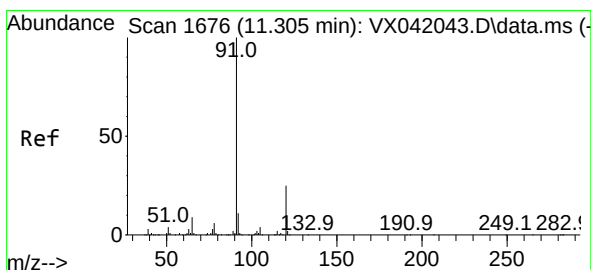
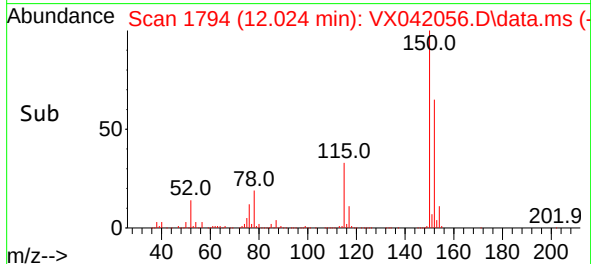
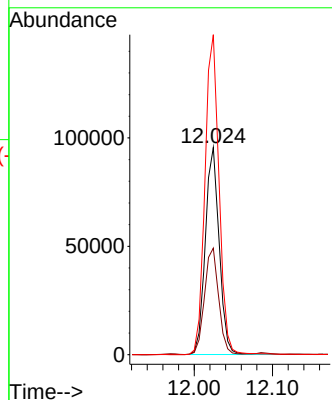
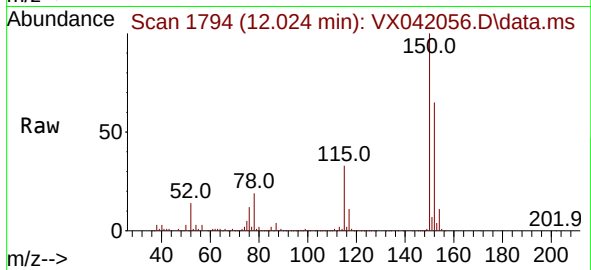
Tgt Ion:152 Resp: 117411

Ion Ratio Lower Upper

152 100

115 52.3 43.3 129.9

150 156.9 0.0 345.0



#78

n-propylbenzene

Concen: 1.995 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX042056.D

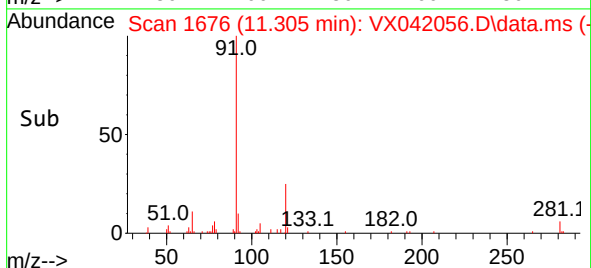
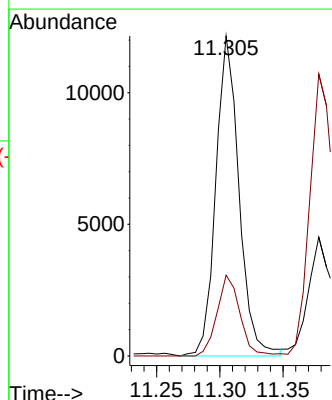
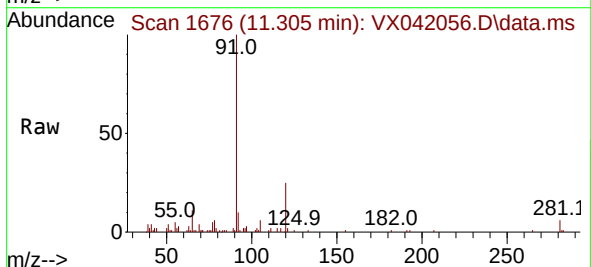
Acq: 26 Jun 2024 16:24

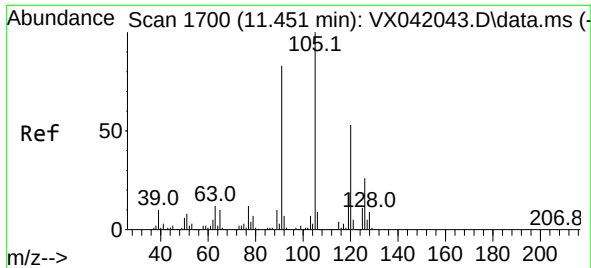
Tgt Ion: 91 Resp: 15450

Ion Ratio Lower Upper

91 100

120 24.8 11.5 34.4

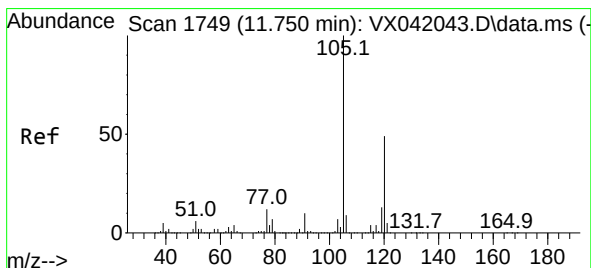
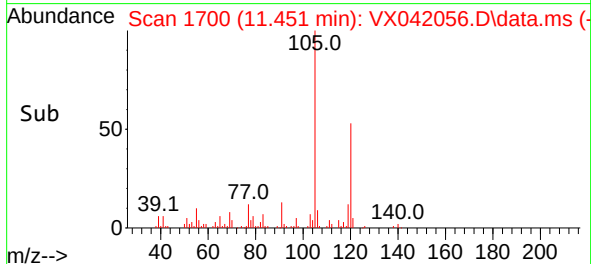
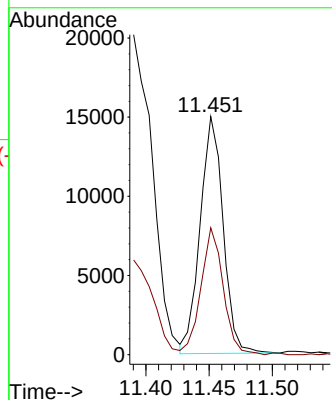
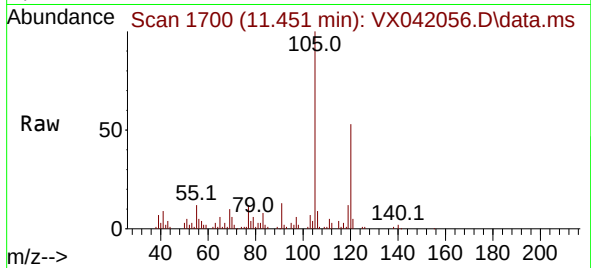




#80
1,3,5-Trimethylbenzene
Concen: 3.185 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

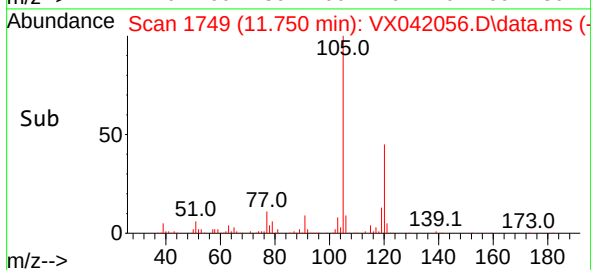
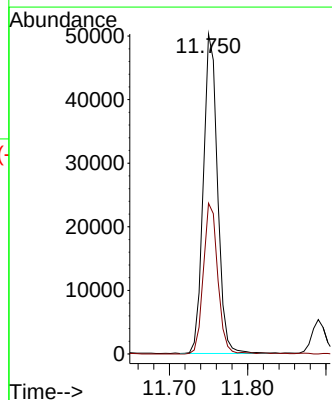
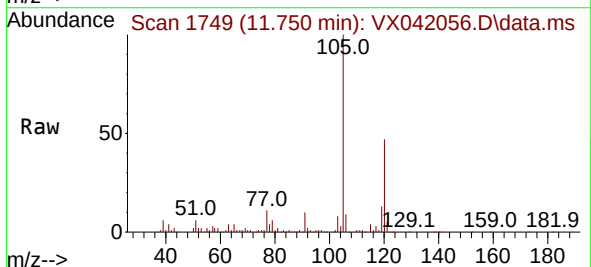
Instrument :
MSVOA_X
ClientSampleId :
SHOP-RAG-DRUMDL

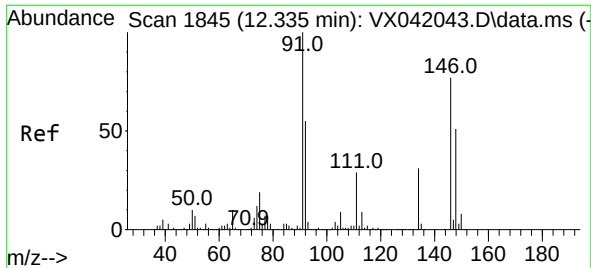
Tgt Ion:105 Resp: 18937
Ion Ratio Lower Upper
105 100
120 52.0 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 10.608 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042056.D
Acq: 26 Jun 2024 16:24

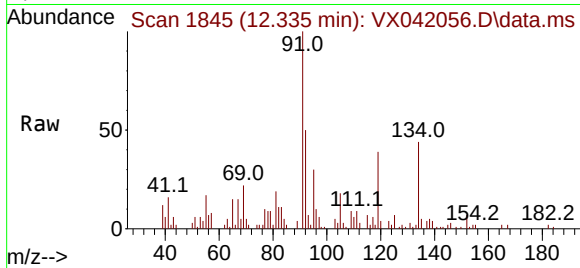
Tgt Ion:105 Resp: 63287
Ion Ratio Lower Upper
105 100
120 48.1 21.2 63.6





#89
 n-Butylbenzene
 Concen: 2.225 ug/l
 RT: 12.335 min Scan# 11043
 Delta R.T. 0.000 min
 Lab File: VX042056.D
 Acq: 26 Jun 2024 16:24

Instrument :
 MSVOA_X
 ClientSampleId :
 SHOP-RAG-DRUMDL



Tgt Ion: 91	Resp: 11043
Ion Ratio	Lower Upper
91	100
92	42.3 27.4 82.0
134	98.2 12.6 37.8#

