

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041325.D
 Acq On : 01 May 2024 14:44
 Operator : JC/MD
 Sample : P2264-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-MW-4-8.0-042424

Quant Time: May 02 03:10:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

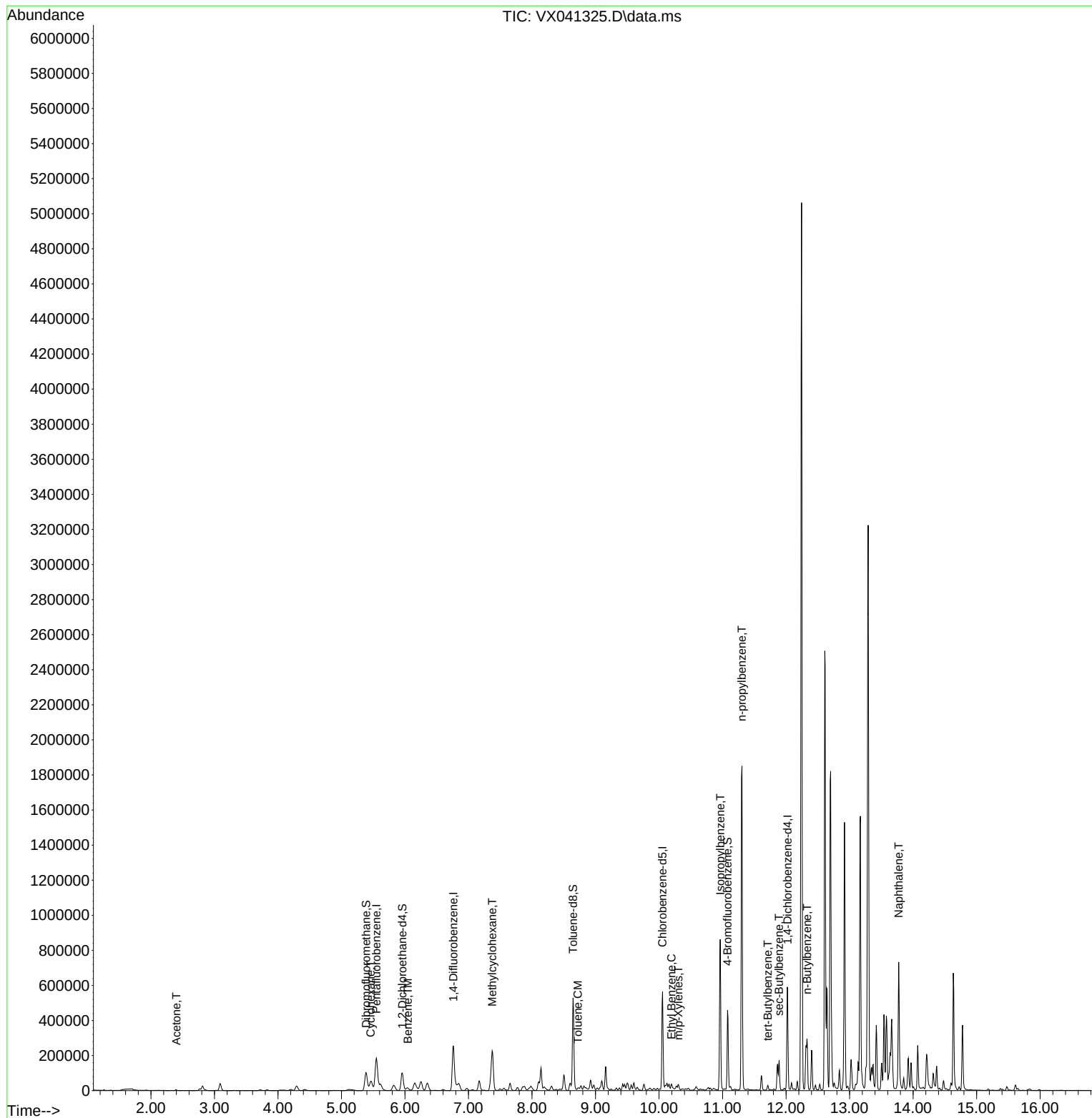
Internal Standards						
1) Pentafluorobenzene	5.550	168	198613	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	279454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102474	47.394	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.780%
35) Dibromofluoromethane	5.385	113	86346	45.595	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.180%
50) Toluene-d8	8.647	98	307936	51.374	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.740%
62) 4-Bromofluorobenzene	11.079	95	115411	49.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.480%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	6083	2.517	ug/l	100
31) Cyclohexane	5.458	56	36806	14.104	ug/l	92
39) Methylcyclohexane	7.372	83	101638	38.205	ug/l	94
40) Benzene	6.043	78	19502	2.794	ug/l	93
52) Toluene	8.720	92	4034	0.945	ug/l	92
67) Ethyl Benzene	10.195	91	17227	1.948	ug/l	90
68) m/p-Xylenes	10.305	106	4701	1.328	ug/l	90
73) Isopropylbenzene	10.963	105	450326	53.759	ug/l	97
78) n-propylbenzene	11.305	91	1143310	129.951	ug/l	96
83) tert-Butylbenzene	11.713	119	10281	1.406	ug/l	95
85) sec-Butylbenzene	11.890	105	86962	10.377	ug/l	100
89) n-Butylbenzene	12.329	91	130450	21.555	ug/l	# 79
95) Naphthalene	13.774	128	450423	47.906	ug/l	99

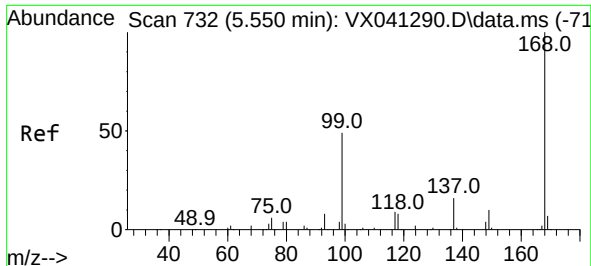
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
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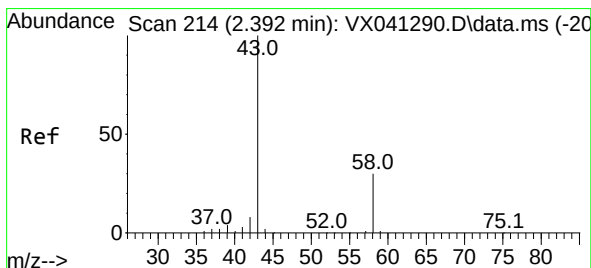
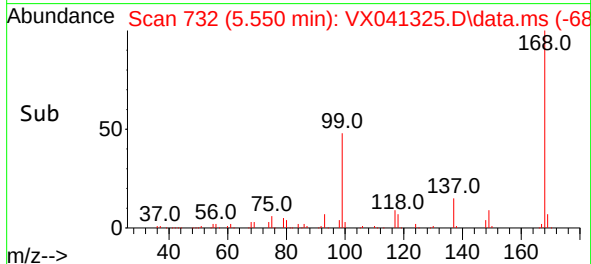
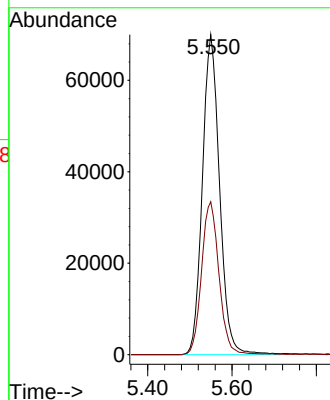
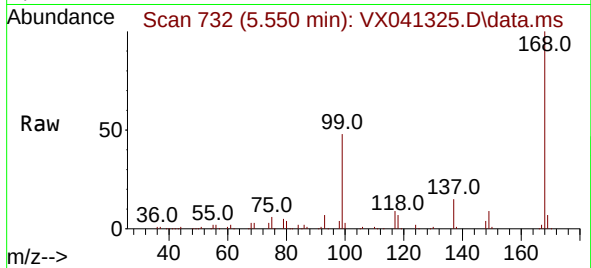




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

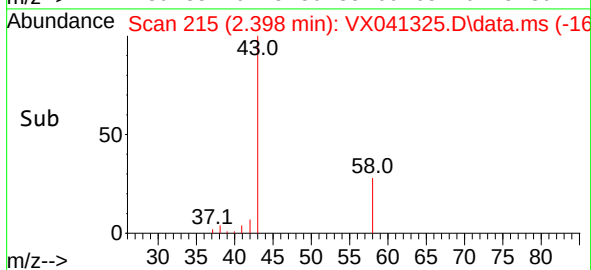
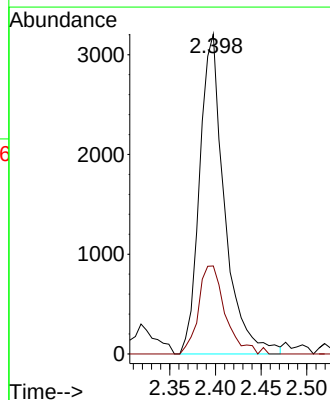
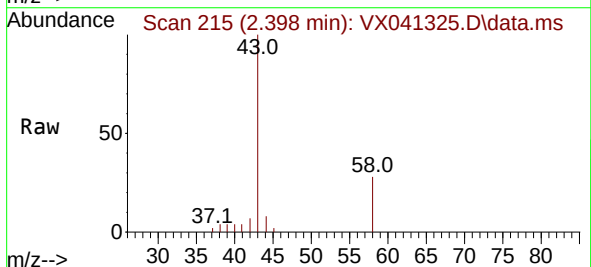
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-4-8.0-042424

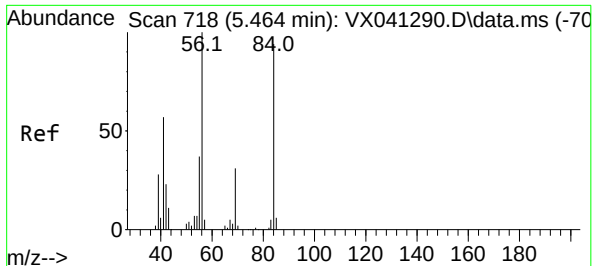
Tgt Ion:168 Resp: 198613
Ion Ratio Lower Upper
168 100
99 47.8 56.6 85.0#



#16
Acetone
Concen: 2.517 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

Tgt Ion: 43 Resp: 6083
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9

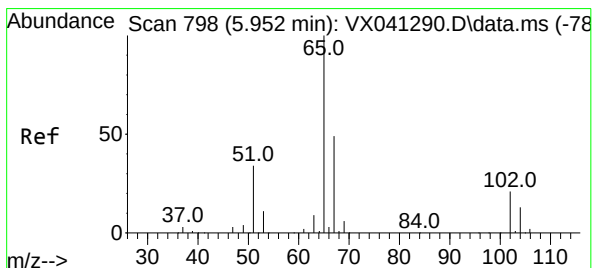
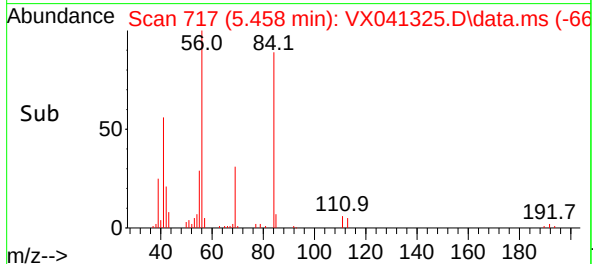
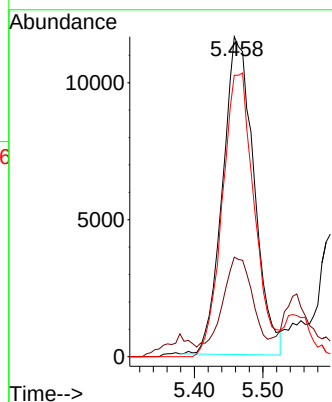
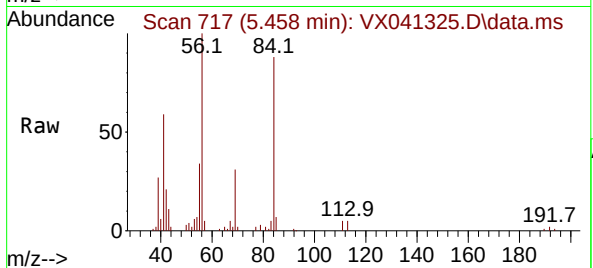




#31
Cyclohexane
Concen: 14.104 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

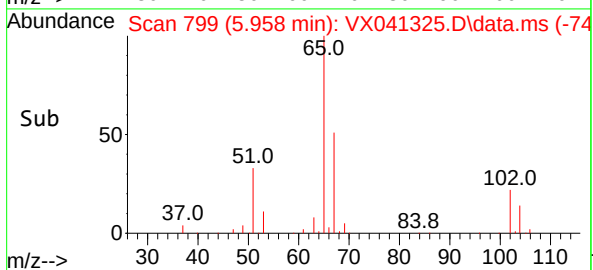
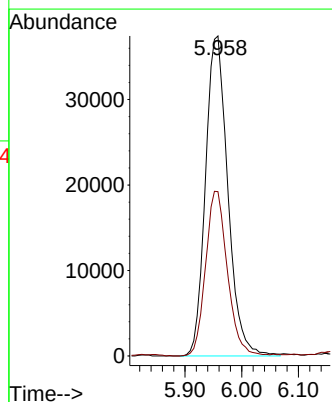
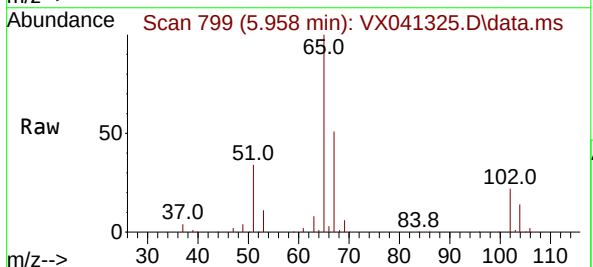
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-4-8.0-042424

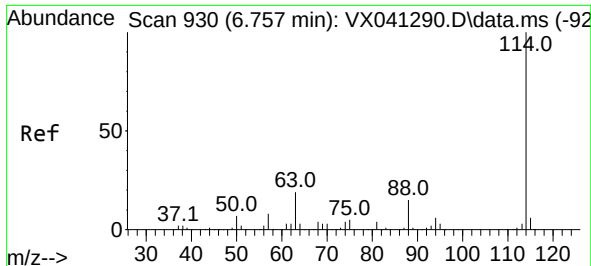
Tgt Ion: 56 Resp: 36806
Ion Ratio Lower Upper
56 100
69 24.1 23.4 35.2
84 88.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.394 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

Tgt Ion: 65 Resp: 102474
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

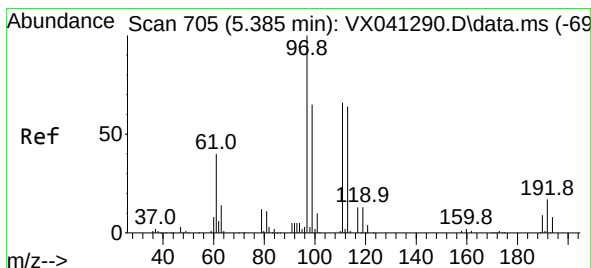
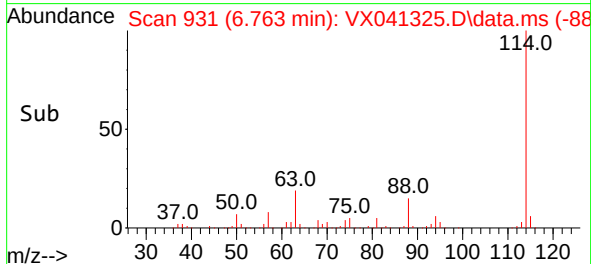
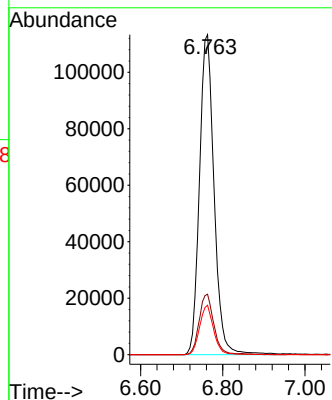
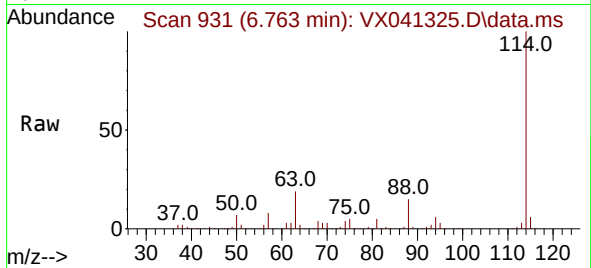




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

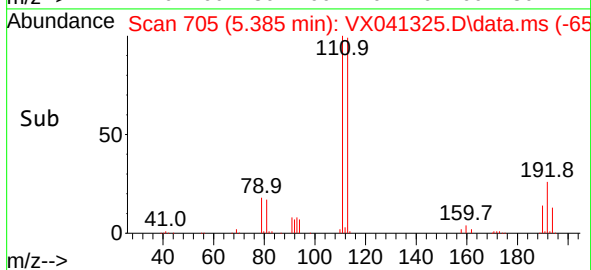
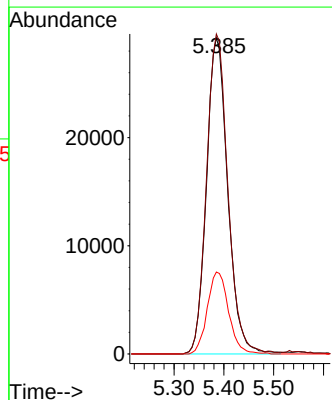
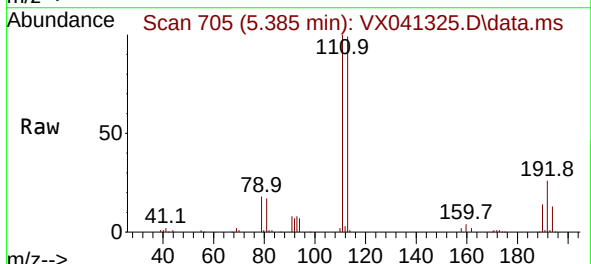
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-4-8.0-042424

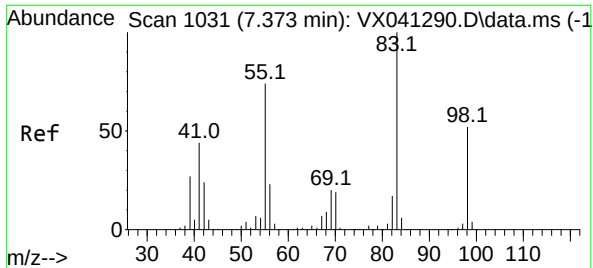
Tgt Ion:114 Resp: 279454
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.595 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

Tgt Ion:113 Resp: 86346
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 26.0 13.3 19.9#

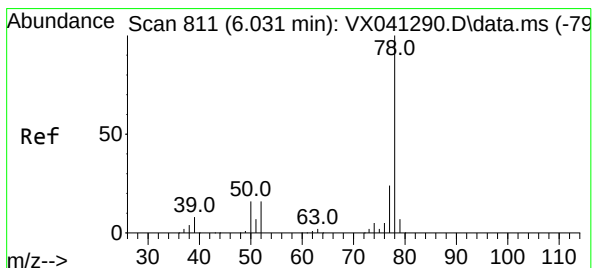
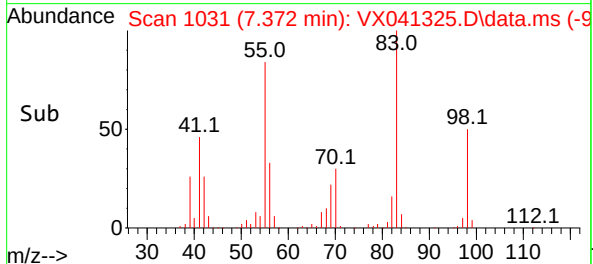
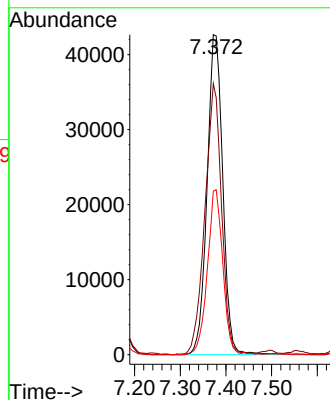
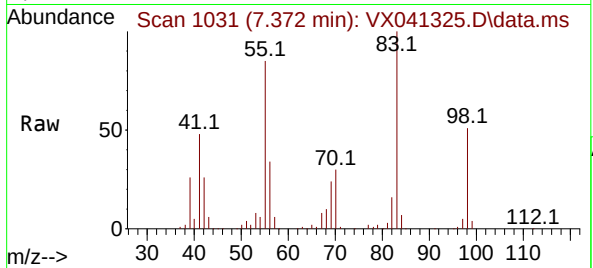




#39
Methylcyclohexane
Concen: 38.205 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

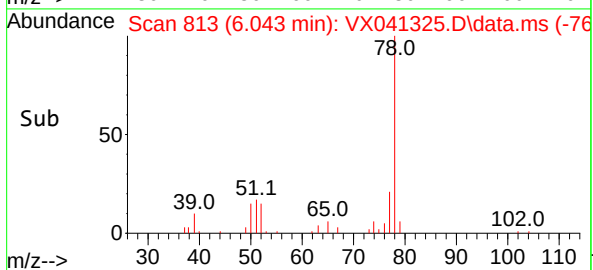
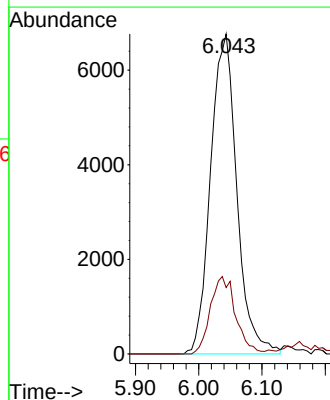
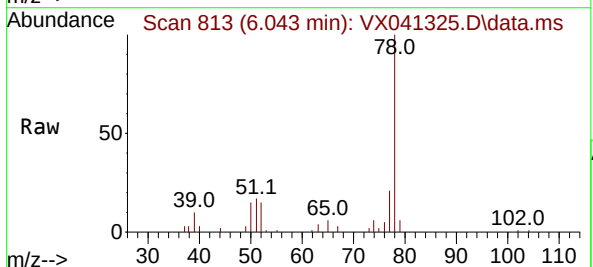
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-4-8.0-042424

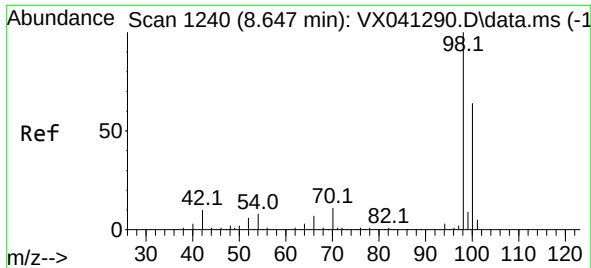
Tgt Ion: 83 Resp: 101638
Ion Ratio Lower Upper
83 100
55 84.5 64.6 97.0
98 51.1 36.7 55.1



#40
Benzene
Concen: 2.794 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

Tgt Ion: 78 Resp: 19502
Ion Ratio Lower Upper
78 100
77 20.8 19.3 28.9

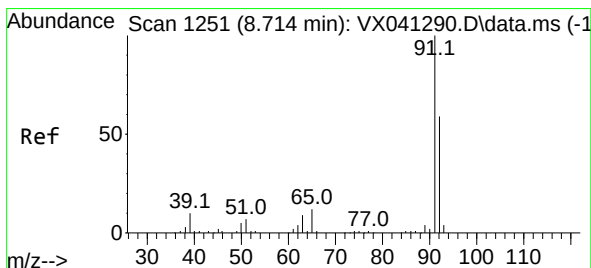
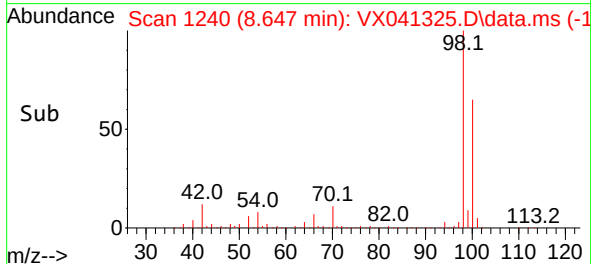
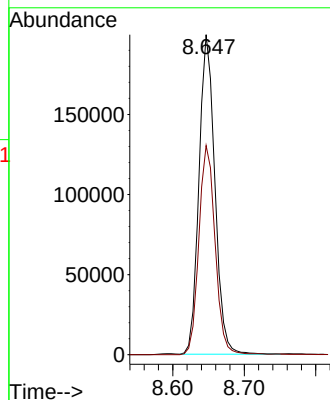
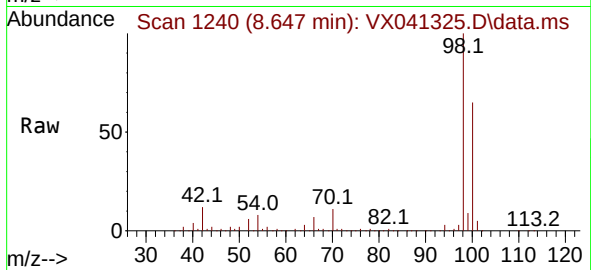




#50
Toluene-d8
Concen: 51.374 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

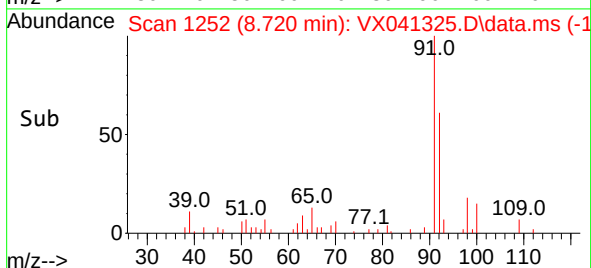
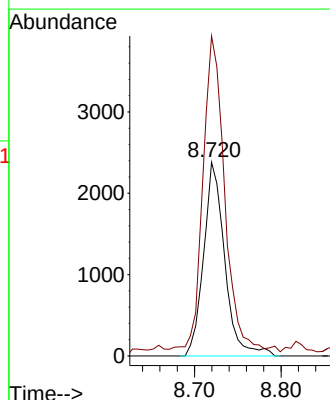
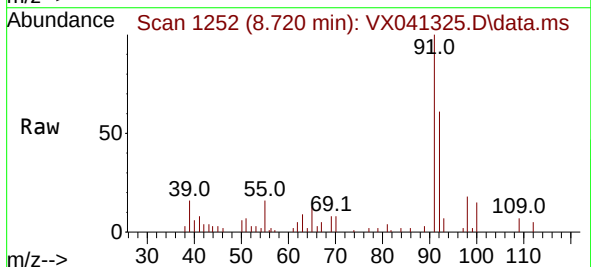
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-4-8.0-042424

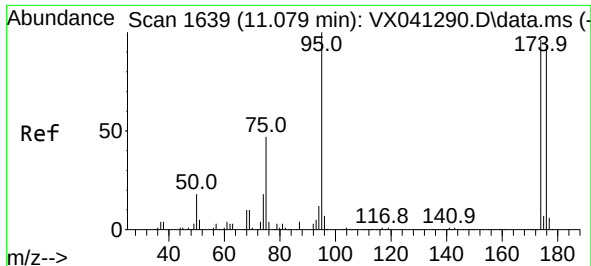
Tgt Ion: 98 Resp: 307936
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#52
Toluene
Concen: 0.945 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

Tgt Ion: 92 Resp: 4034
Ion Ratio Lower Upper
92 100
91 178.3 134.2 201.2

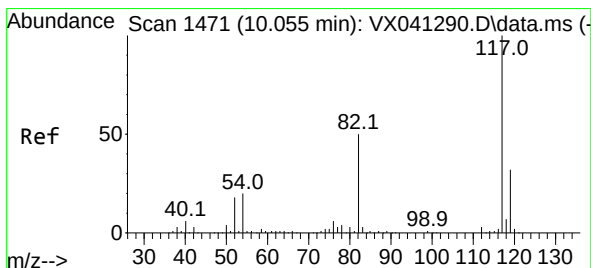
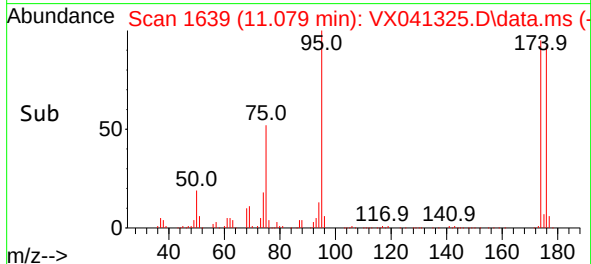
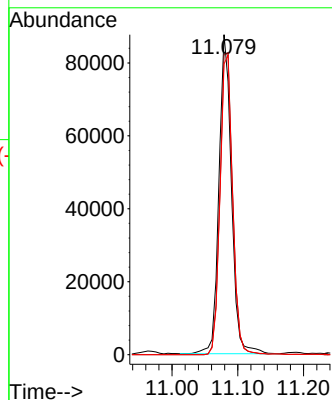
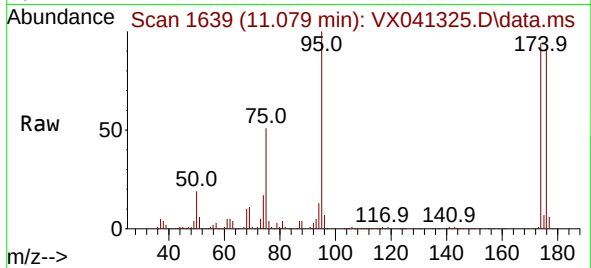




#62
4-Bromofluorobenzene
Concen: 49.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

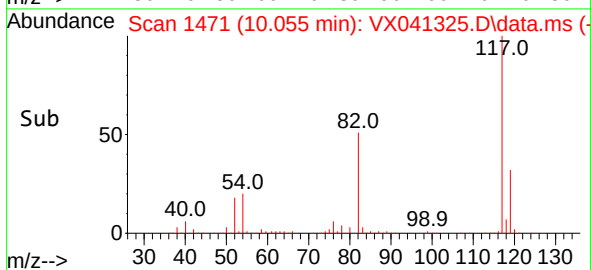
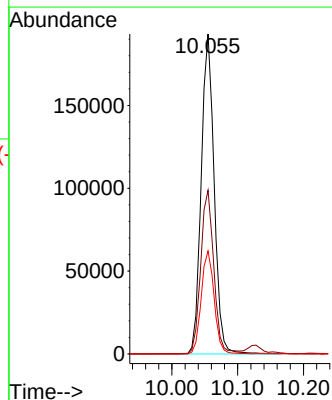
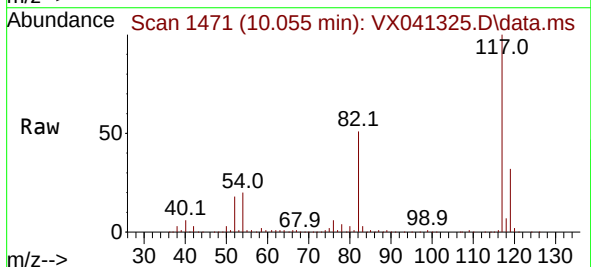
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T2-MW-4-8.0-042424

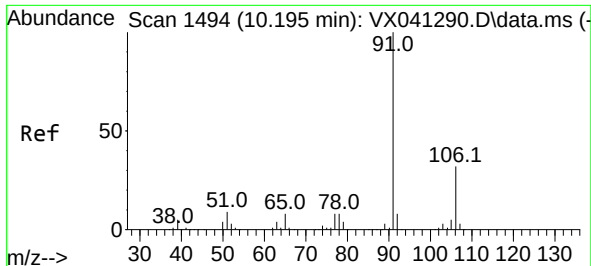
Tgt Ion: 95 Resp: 115411
Ion Ratio Lower Upper
95 100
174 96.0 0.0 135.6
176 94.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

Tgt Ion: 117 Resp: 264011
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.2 25.5 38.3





#67

Ethyl Benzene

Concen: 1.948 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX041325.D

Acq: 01 May 2024 14:44

Instrument :

MSVOA_X

ClientSampleId :

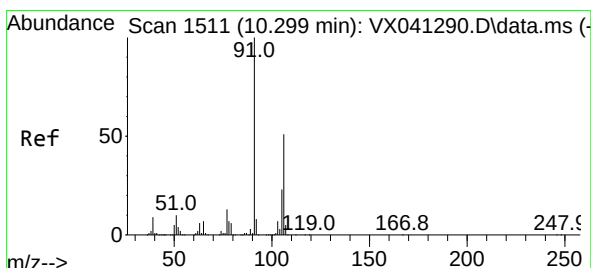
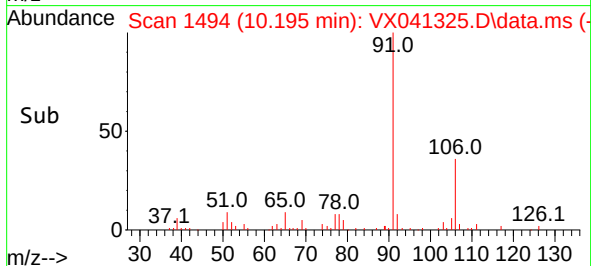
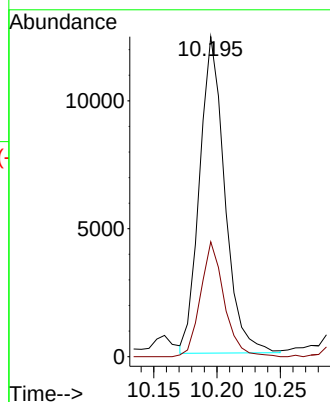
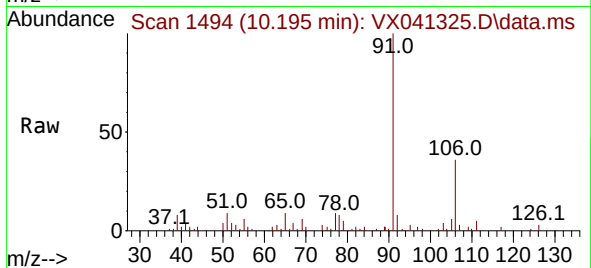
T2-MW-4-8.0-042424

Tgt Ion: 91 Resp: 17227

Ion Ratio Lower Upper

91 100

106 36.6 24.9 37.3



#68

m/p-Xylenes

Concen: 1.328 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX041325.D

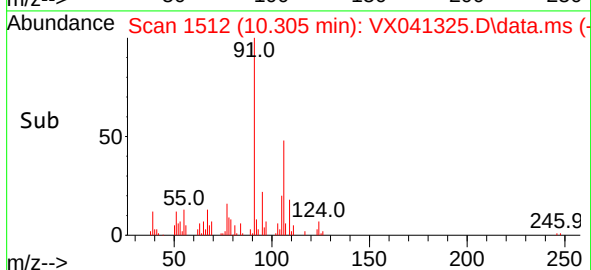
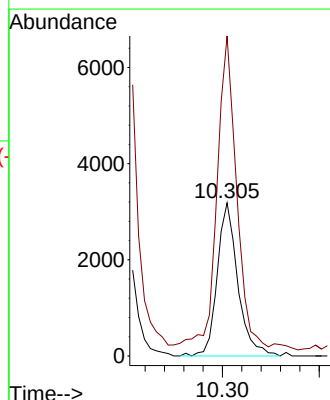
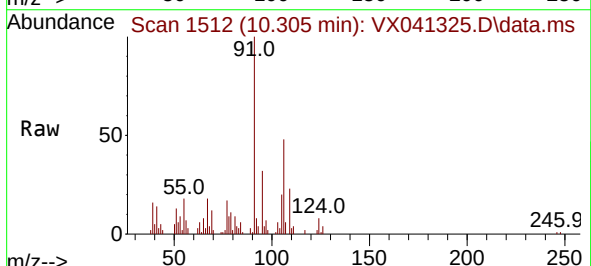
Acq: 01 May 2024 14:44

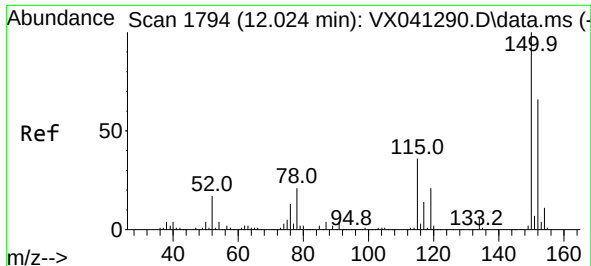
Tgt Ion: 106 Resp: 4701

Ion Ratio Lower Upper

106 100

91 192.2 165.5 248.3

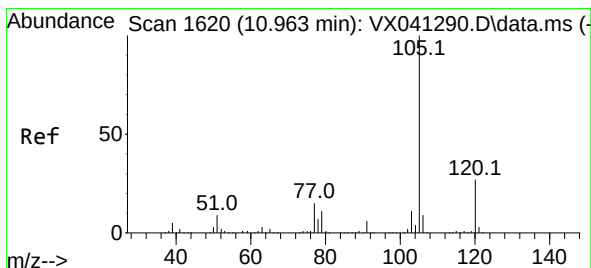
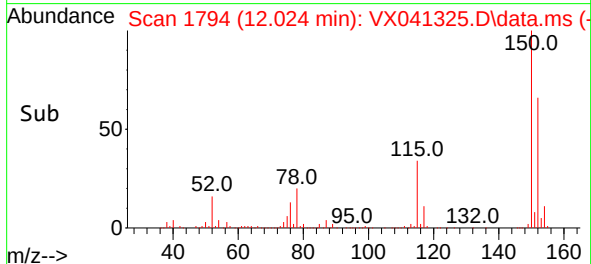
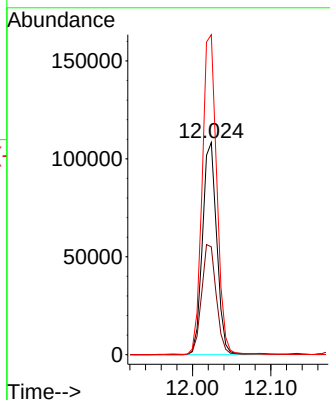
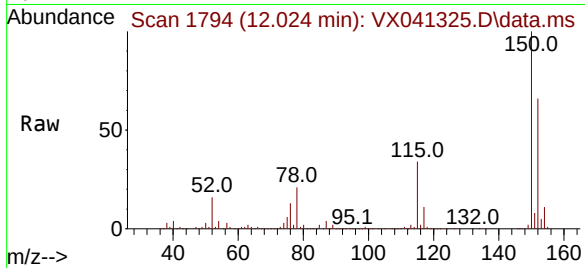




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

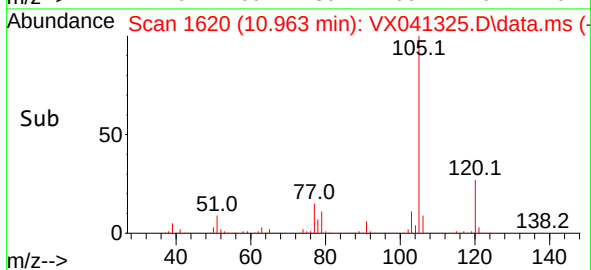
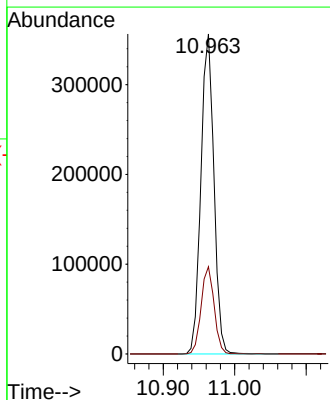
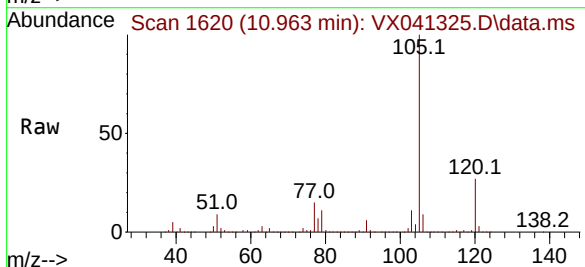
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-4-8.0-042424

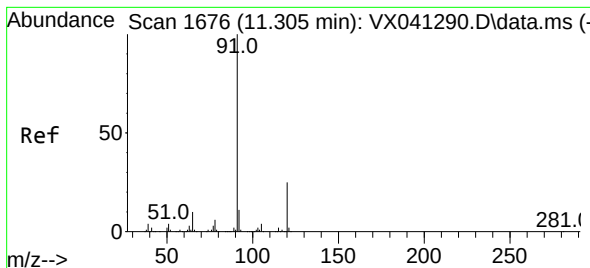
Tgt Ion:152 Resp: 137229
Ion Ratio Lower Upper
152 100
115 52.7 43.3 129.9
150 153.8 0.0 345.0



#73
Isopropylbenzene
Concen: 53.759 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

Tgt Ion:105 Resp: 450326
Ion Ratio Lower Upper
105 100
120 27.2 12.9 38.6





#78

n-propylbenzene

Concen: 129.951 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041325.D

Acq: 01 May 2024 14:44

Instrument :

MSVOA_X

ClientSampleId :

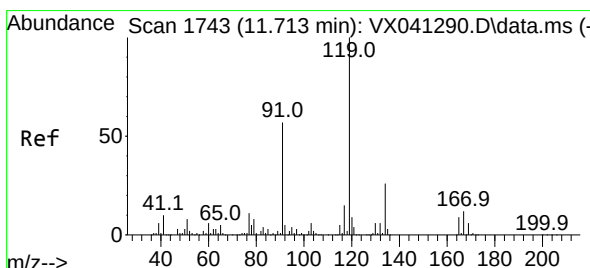
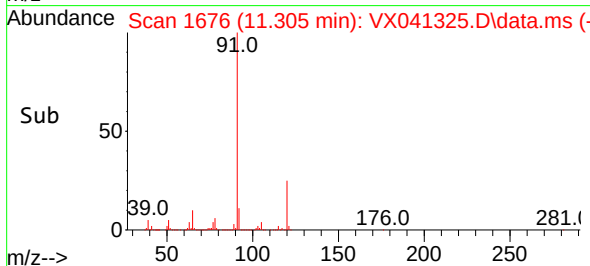
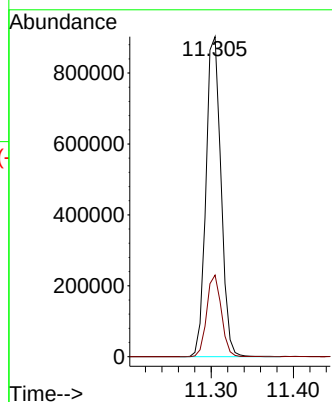
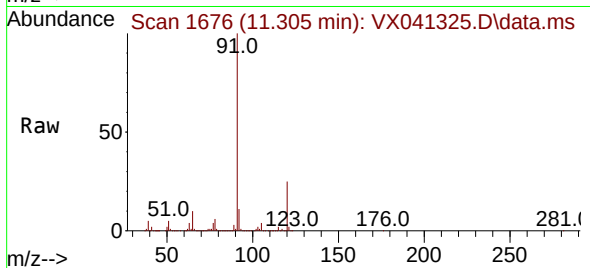
T2-MW-4-8.0-042424

Tgt Ion: 91 Resp: 1143310

Ion Ratio Lower Upper

91 100

120 24.9 11.5 34.4



#83

tert-Butylbenzene

Concen: 1.406 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041325.D

Acq: 01 May 2024 14:44

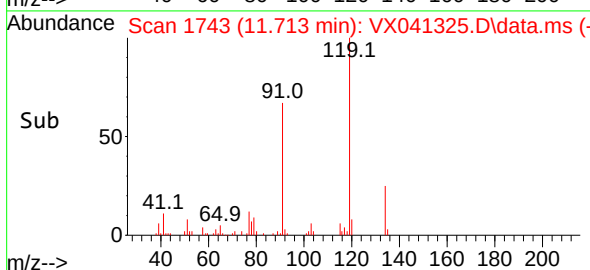
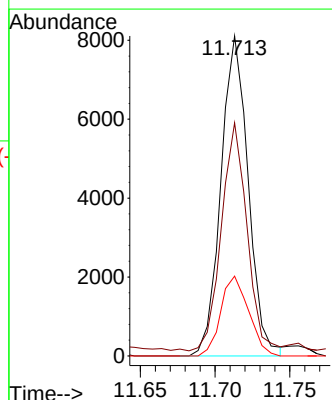
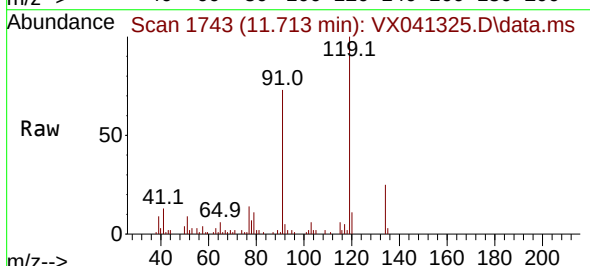
Tgt Ion: 119 Resp: 10281

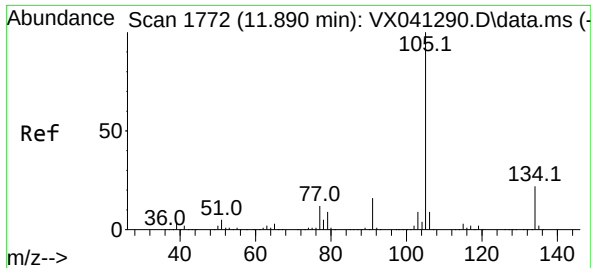
Ion Ratio Lower Upper

119 100

91 66.6 31.2 93.6

134 25.5 11.7 35.0

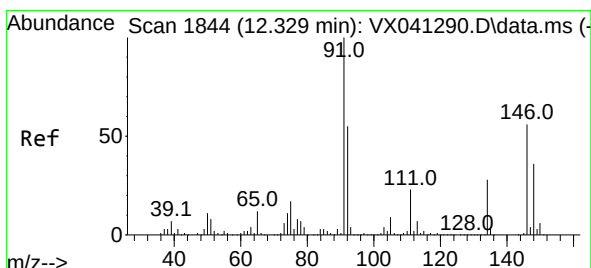
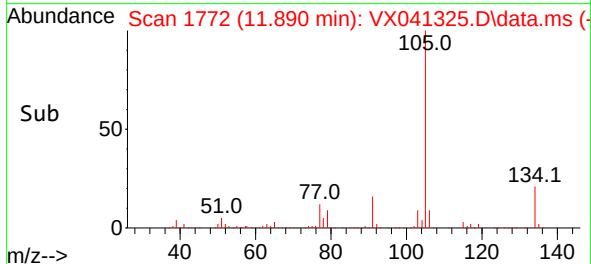
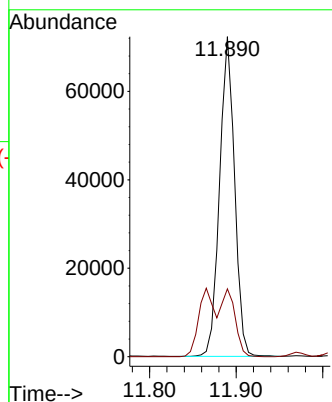
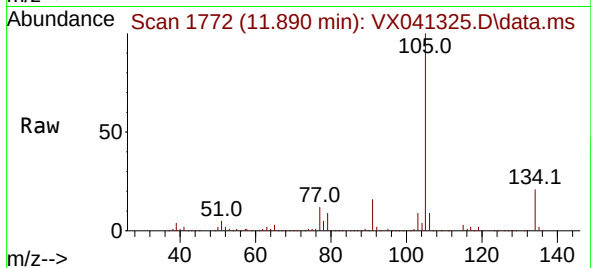




#85
sec-Butylbenzene
Concen: 10.377 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

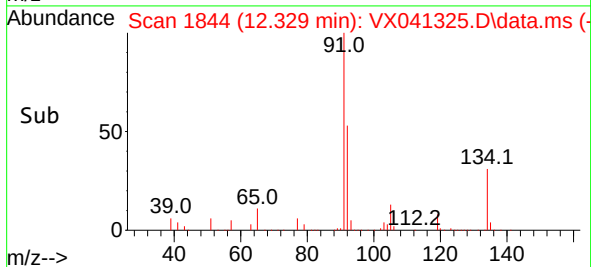
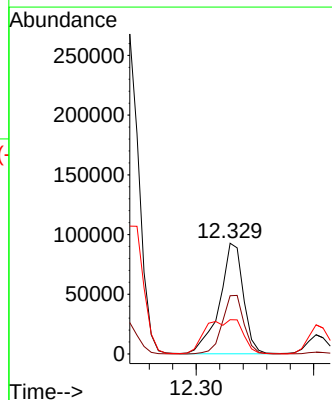
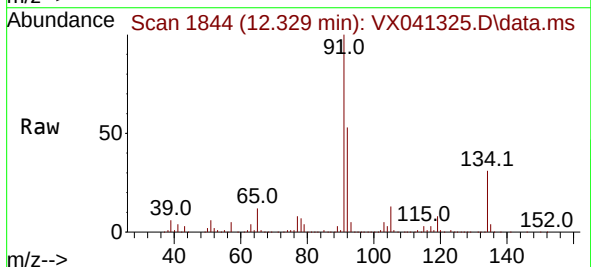
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-4-8.0-042424

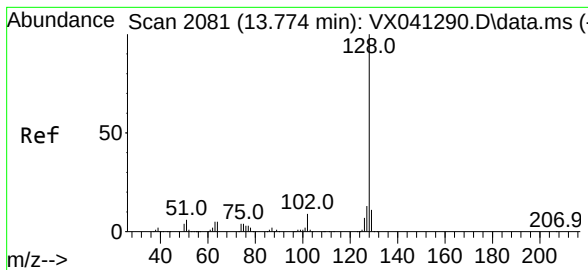
Tgt Ion:105 Resp: 86962
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.4



#89
n-Butylbenzene
Concen: 21.555 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

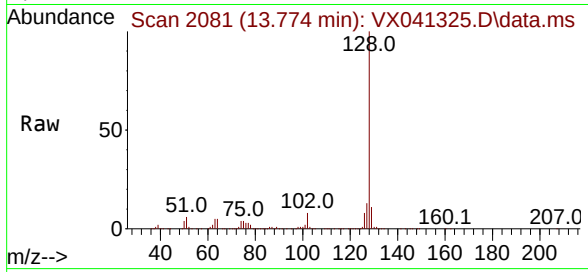
Tgt Ion: 91 Resp: 130450
Ion Ratio Lower Upper
91 100
92 48.3 27.4 82.0
134 48.8 12.6 37.8#





#95
Naphthalene
Concen: 47.906 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041325.D
Acq: 01 May 2024 14:44

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-4-8.0-042424



Tgt Ion:128 Resp: 450423
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.8 8.8 13.2

