

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041337.D
 Acq On : 01 May 2024 19:44
 Operator : JC/MD
 Sample : P2264-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-13-8.0-042324

Quant Time: May 02 03:17:28 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)

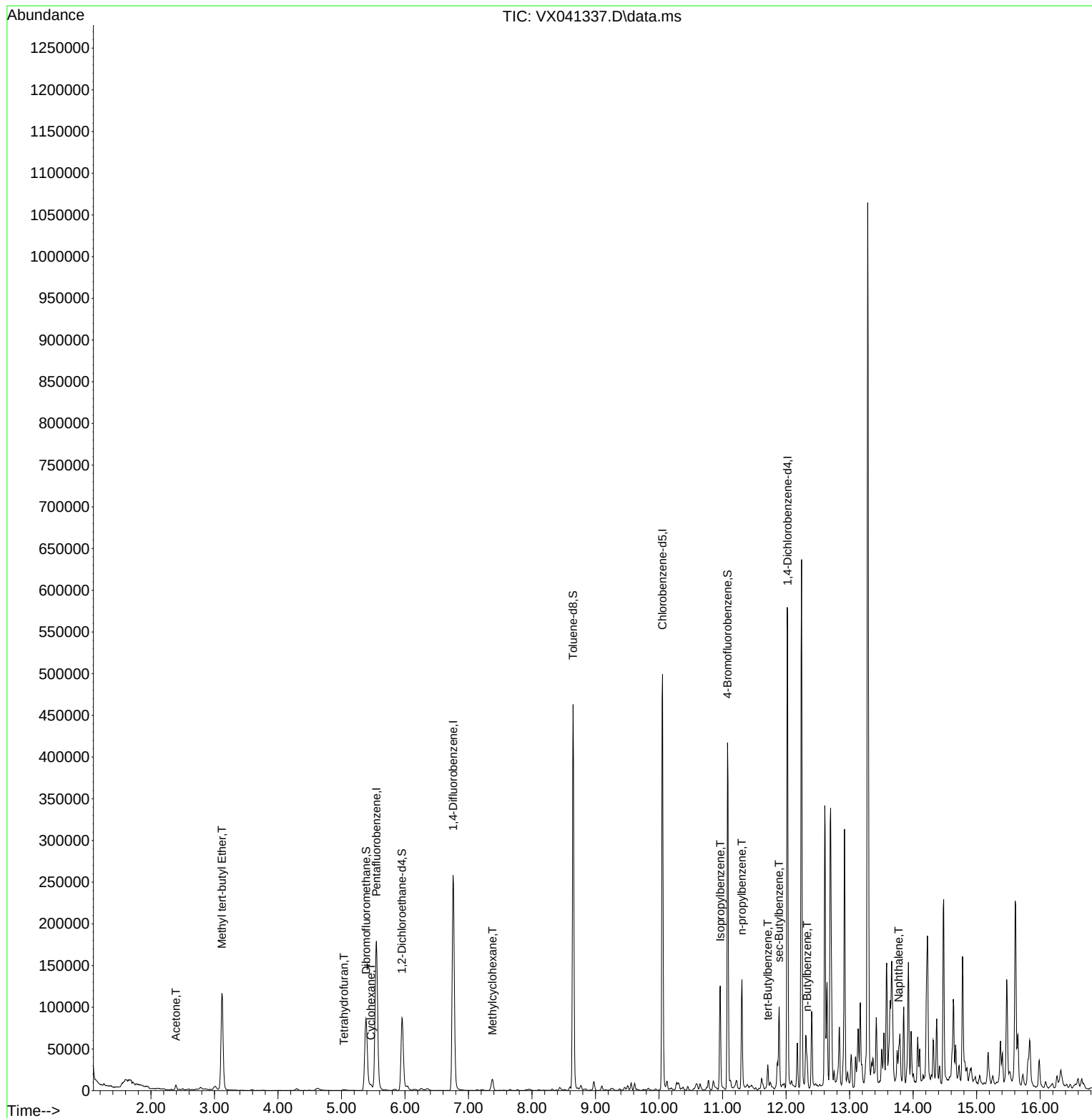
Internal Standards						
1) Pentafluorobenzene	5.550	168	192155	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	281207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87516	41.836	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.680%
35) Dibromofluoromethane	5.385	113	75185	39.454	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	78.900%
50) Toluene-d8	8.647	98	276193	45.791	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.580%#
62) 4-Bromofluorobenzene	11.079	95	102893	44.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.140%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	6720	3.437	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	131089	24.150	ug/l	100
29) Tetrahydrofuran	5.038	42	1052	1.188	ug/l	# 86
31) Cyclohexane	5.464	56	4369	1.730	ug/l	# 94
39) Methylcyclohexane	7.379	83	6124	2.288	ug/l	95
73) Isopropylbenzene	10.963	105	68264	8.467	ug/l	96
78) n-propylbenzene	11.305	91	82700	9.766	ug/l	96
83) tert-Butylbenzene	11.713	119	10686	1.518	ug/l	96
85) sec-Butylbenzene	11.890	105	48157	5.970	ug/l	# 78
89) n-Butylbenzene	12.329	91	15129	2.597	ug/l	# 64
95) Naphthalene	13.774	128	28064	3.101	ug/l	# 92

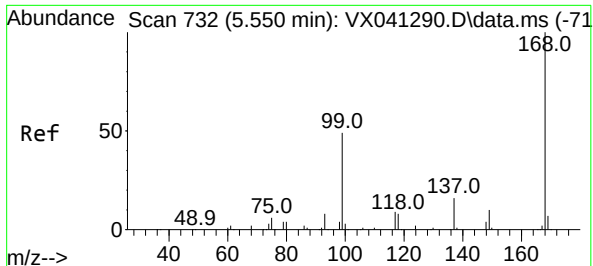
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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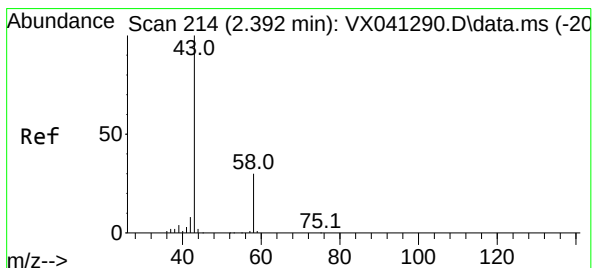
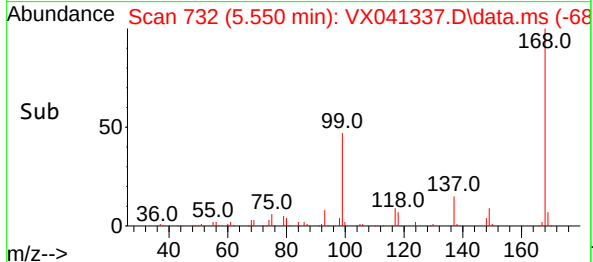
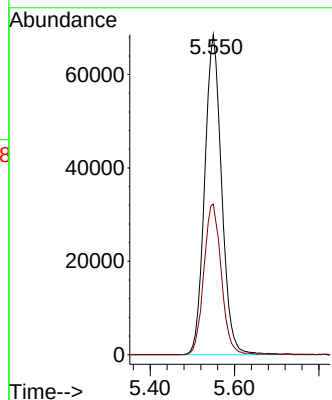
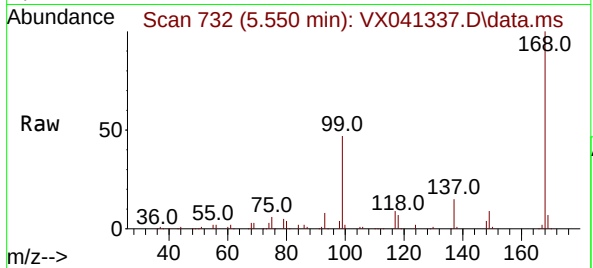




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

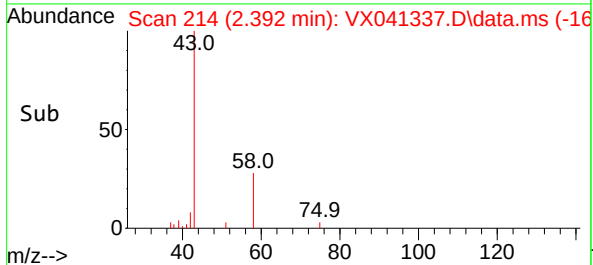
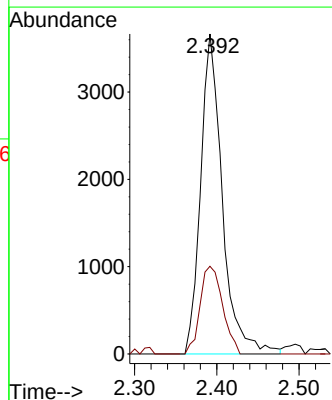
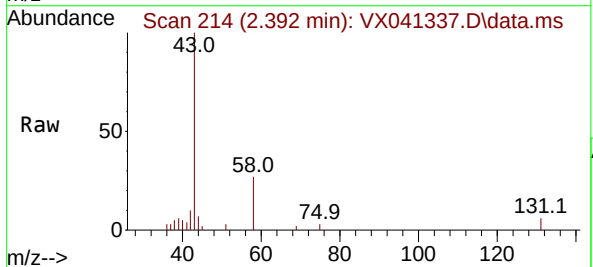
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

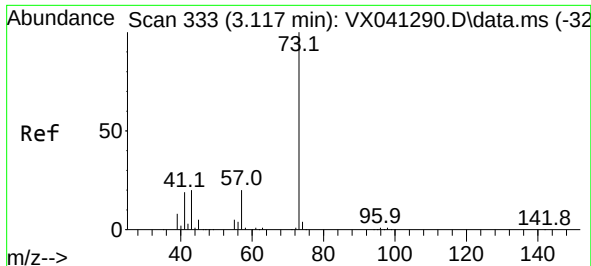
Tgt Ion:168 Resp: 192155
Ion Ratio Lower Upper
168 100
99 47.1 56.6 85.0#



#16
Acetone
Concen: 3.437 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

Tgt Ion: 43 Resp: 6720
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9

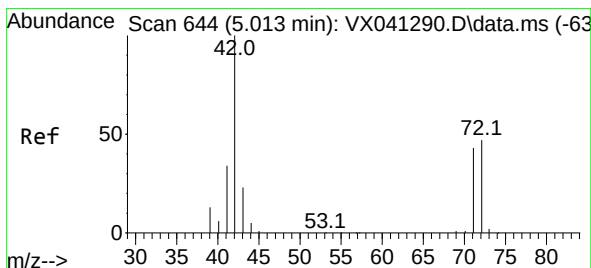
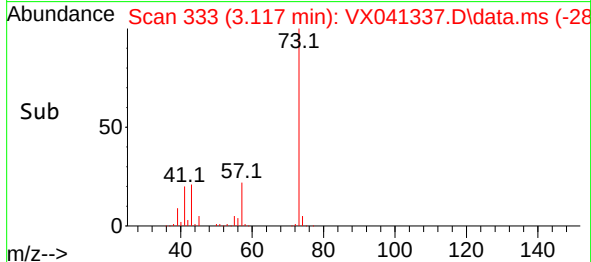
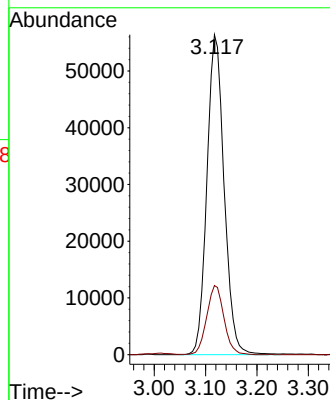
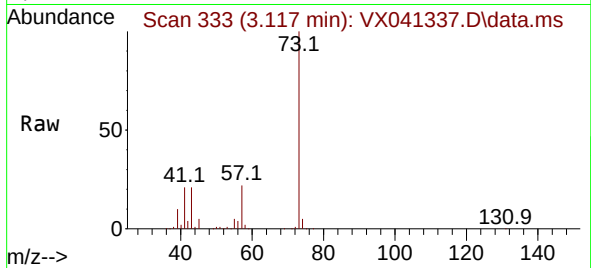




#19
Methyl tert-butyl Ether
Concen: 24.150 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

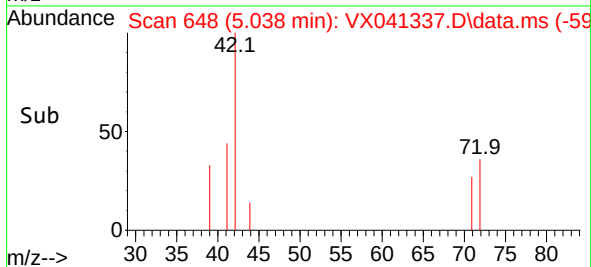
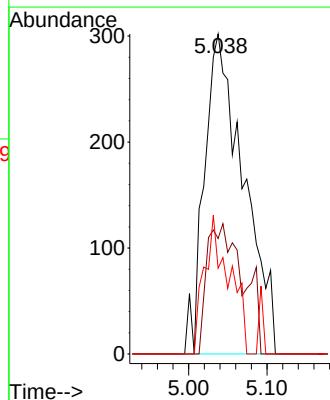
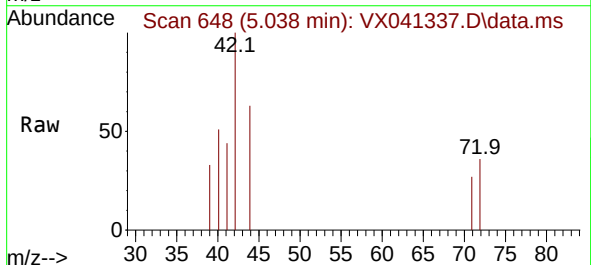
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

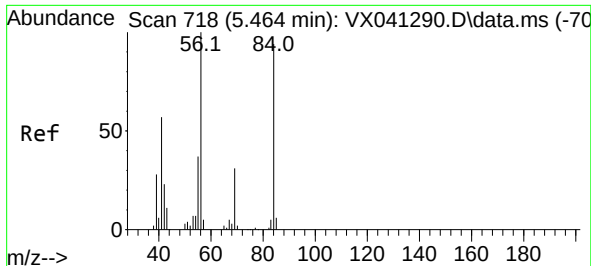
Tgt Ion: 73 Resp: 131089
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#29
Tetrahydrofuran
Concen: 1.188 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.024 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

Tgt Ion: 42 Resp: 1052
Ion Ratio Lower Upper
42 100
72 37.5 34.2 51.4
71 27.8 32.2 48.2#

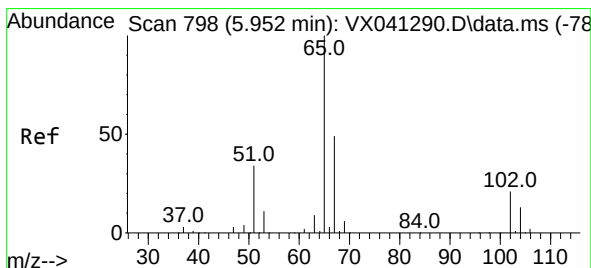
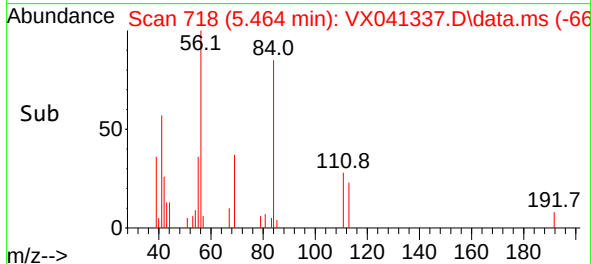
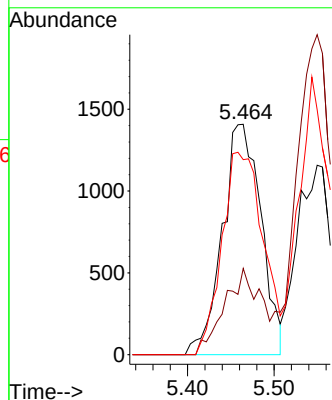
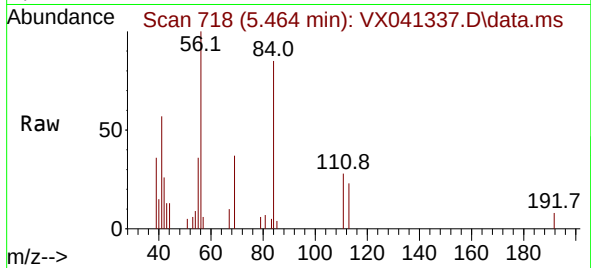




#31
Cyclohexane
Concen: 1.730 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

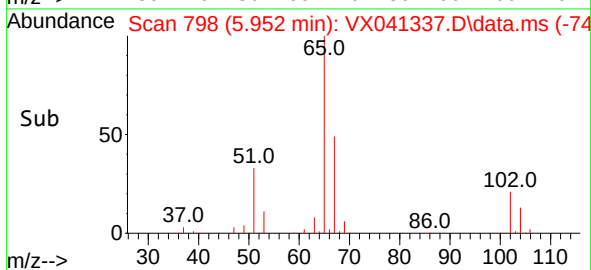
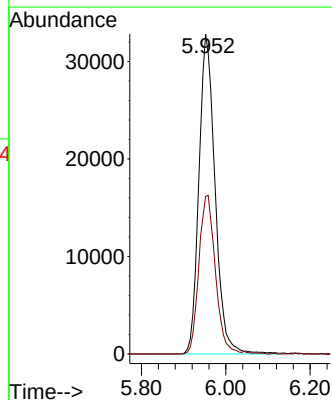
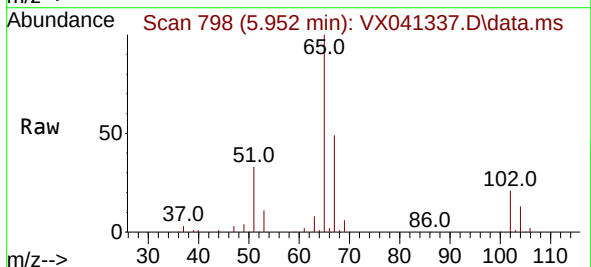
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

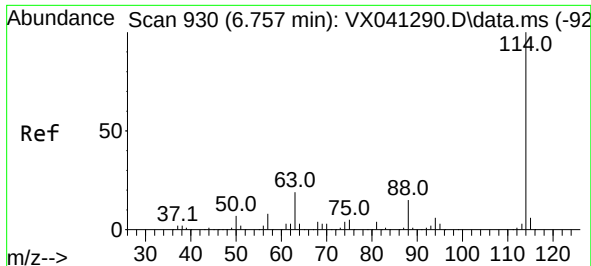
Tgt Ion: 56 Resp: 4369
Ion Ratio Lower Upper
56 100
69 37.4 23.4 35.2#
84 84.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 41.836 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

Tgt Ion: 65 Resp: 87516
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

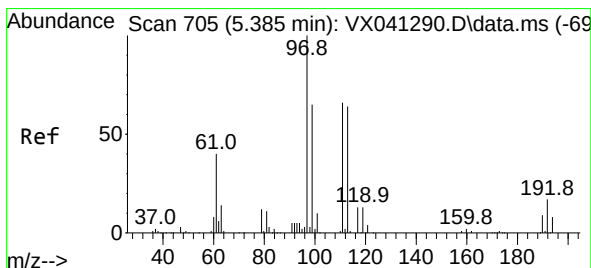
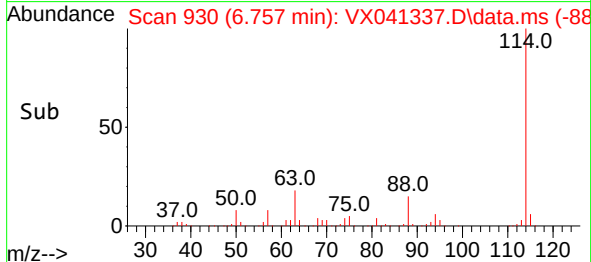
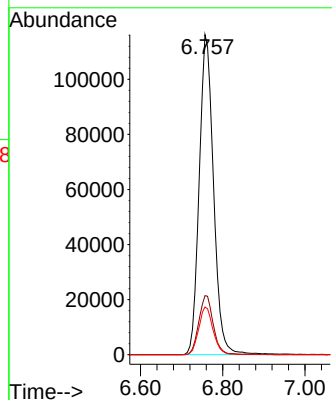
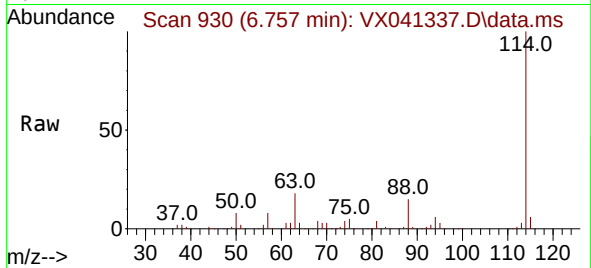




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

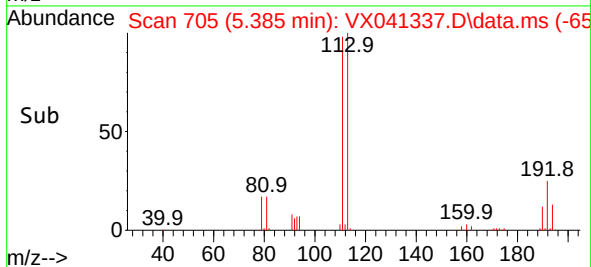
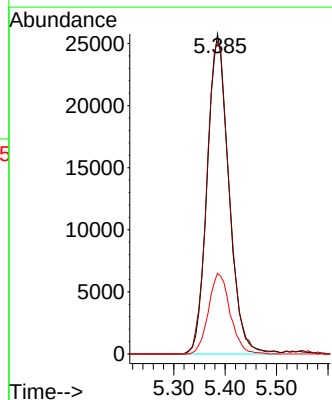
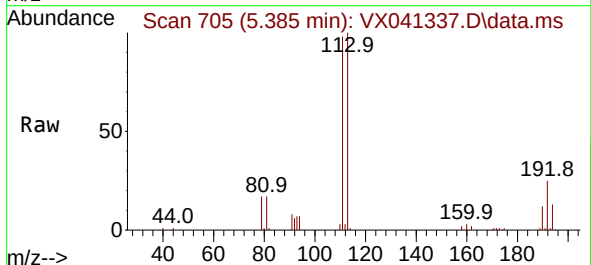
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

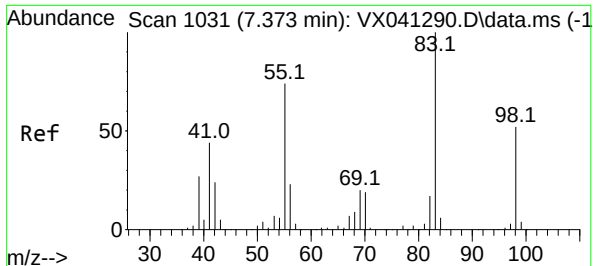
Tgt Ion:114 Resp: 281207
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 39.454 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

Tgt Ion:113 Resp: 75185
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 25.2 13.3 19.9#





#39

Methylcyclohexane

Concen: 2.288 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX041337.D

Acq: 01 May 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-13-8.0-042324

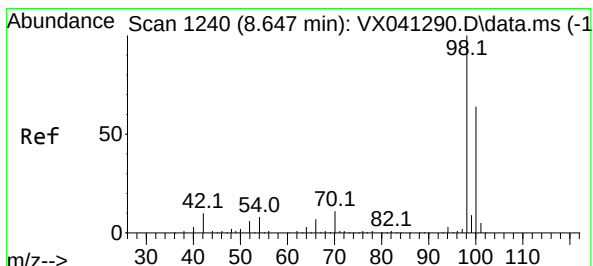
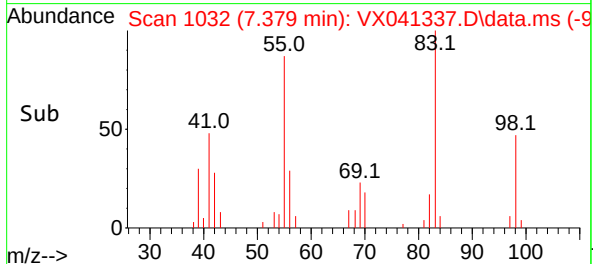
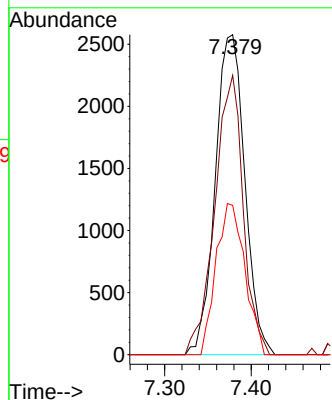
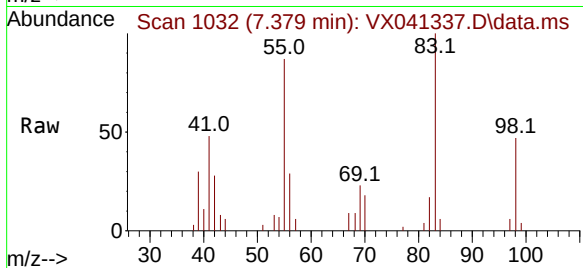
Tgt Ion: 83 Resp: 6124

Ion Ratio Lower Upper

83 100

55 87.3 64.6 97.0

98 46.7 36.7 55.1



#50

Toluene-d8

Concen: 45.791 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041337.D

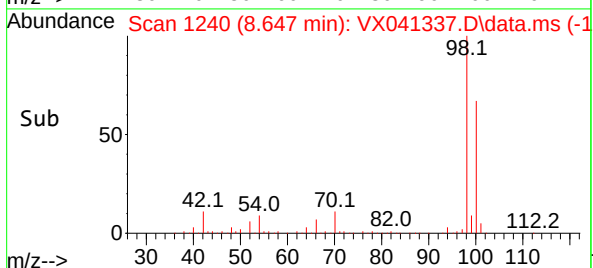
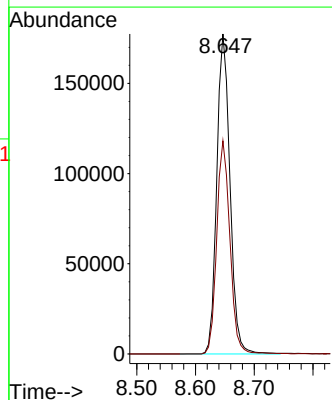
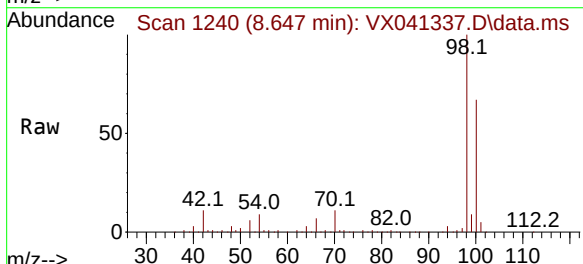
Acq: 01 May 2024 19:44

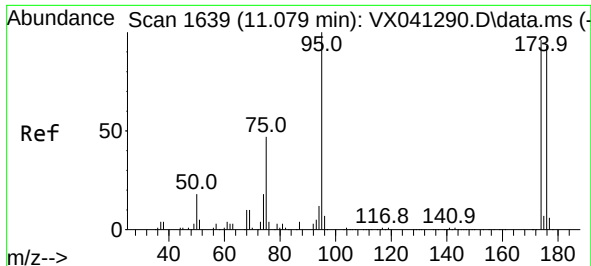
Tgt Ion: 98 Resp: 276193

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7

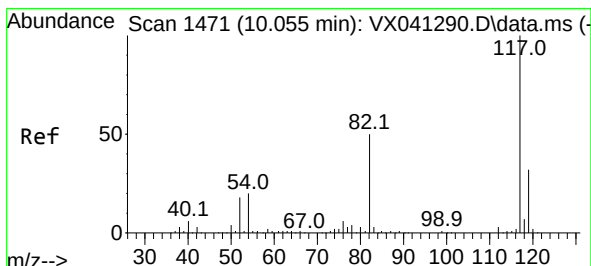
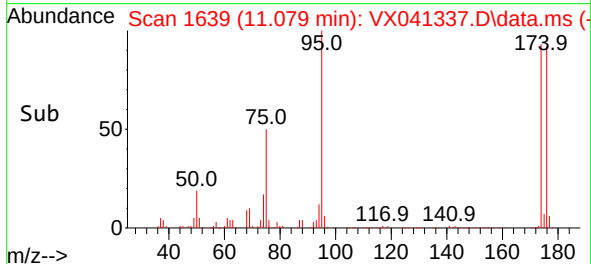
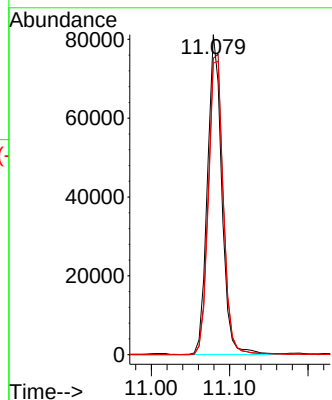
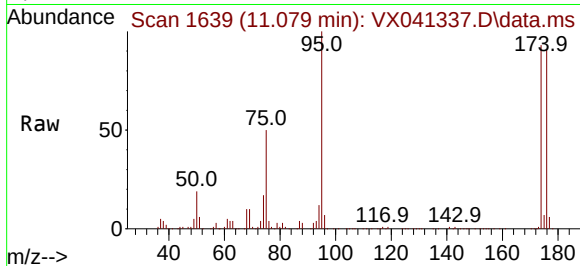




#62
4-Bromofluorobenzene
Concen: 44.068 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

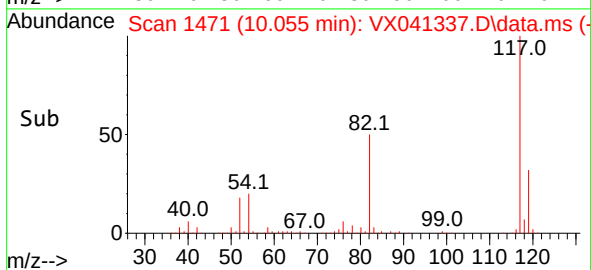
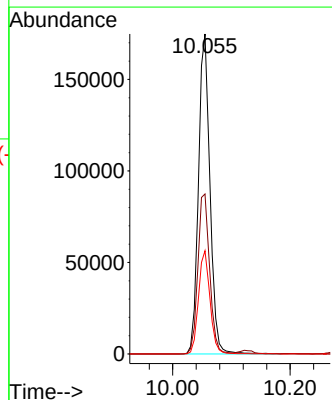
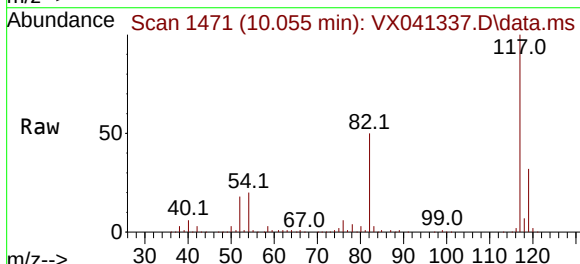
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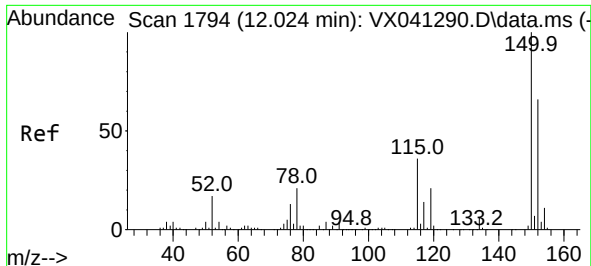
Tgt Ion: 95 Resp: 102893
Ion Ratio Lower Upper
95 100
174 98.3 0.0 135.6
176 95.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

Tgt Ion: 117 Resp: 237647
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.2 25.5 38.3

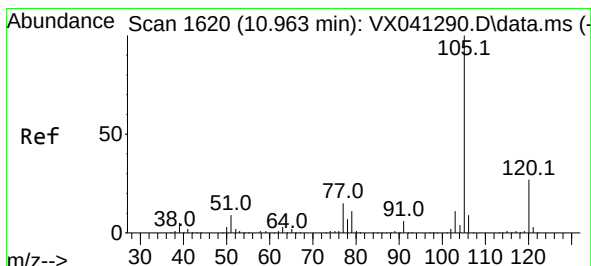
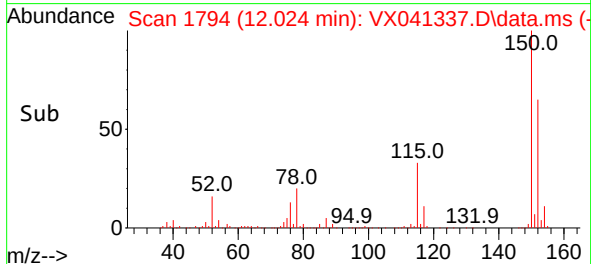
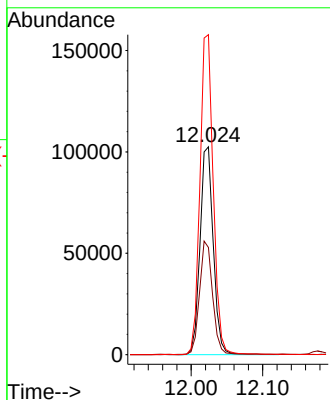
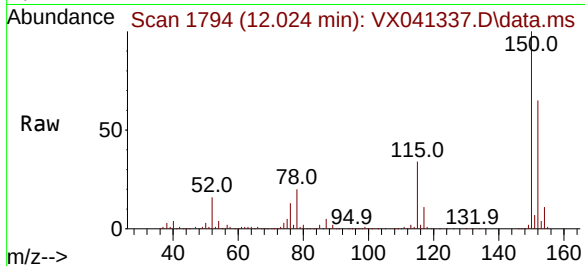




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

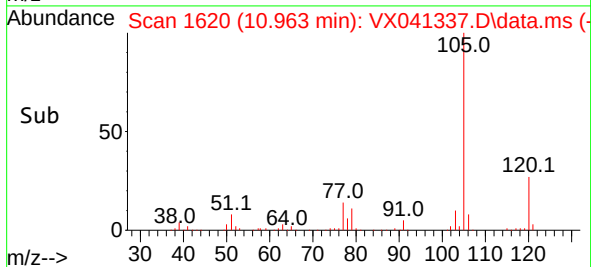
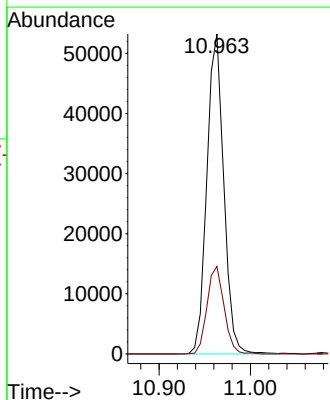
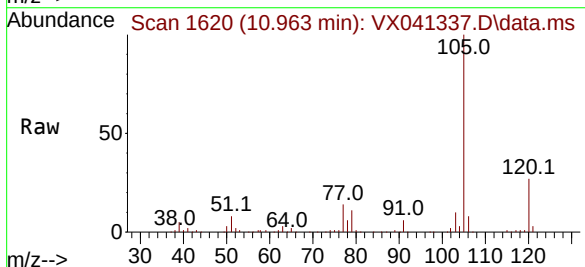
Instrument :
MSVOA_X
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T11-MW-13-8.0-042324

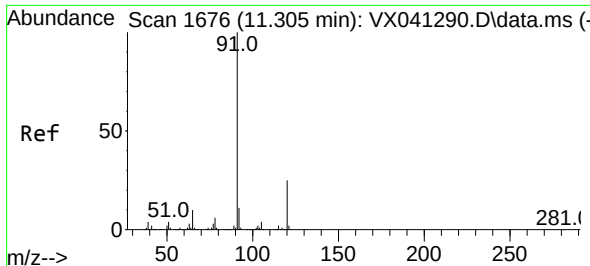
Tgt Ion:152 Resp: 132082
Ion Ratio Lower Upper
152 100
115 53.8 43.3 129.9
150 155.0 0.0 345.0



#73
Isopropylbenzene
Concen: 8.467 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

Tgt Ion:105 Resp: 68264
Ion Ratio Lower Upper
105 100
120 27.6 12.9 38.6

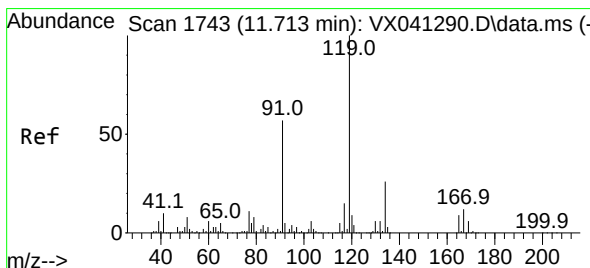
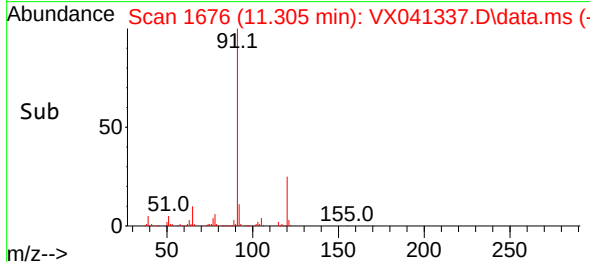
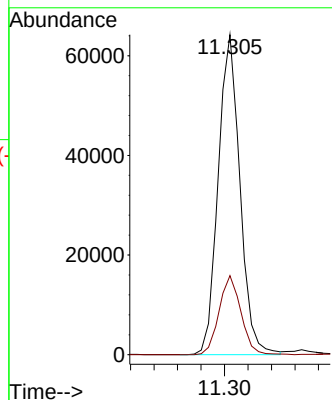
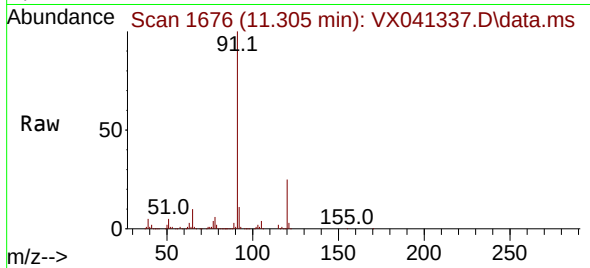




#78
n-propylbenzene
Concen: 9.766 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

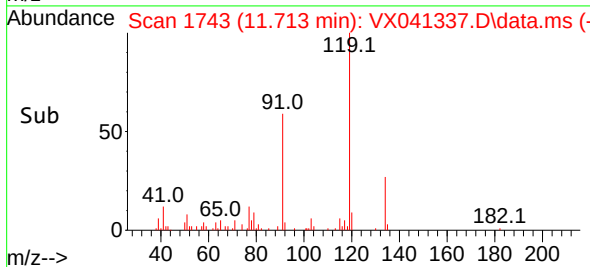
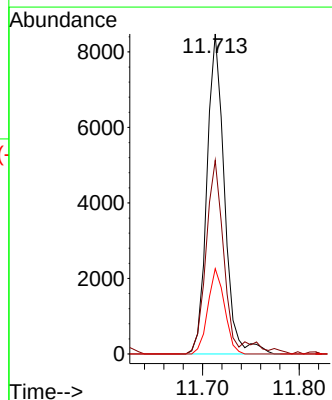
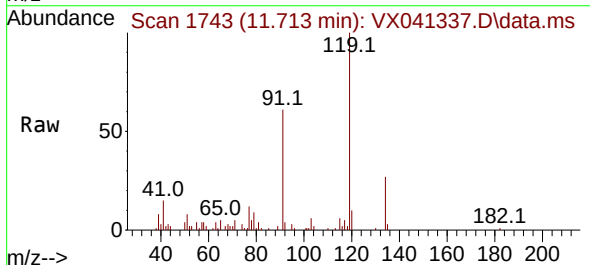
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

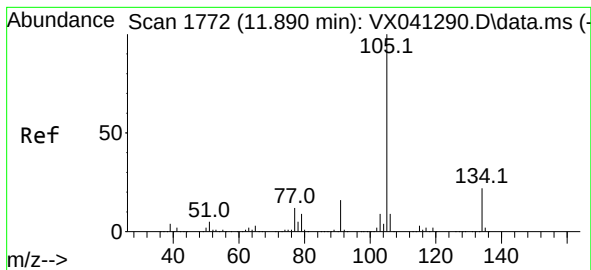
Tgt Ion: 91 Resp: 82700
Ion Ratio Lower Upper
91 100
120 24.8 11.5 34.4



#83
tert-Butylbenzene
Concen: 1.518 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

Tgt Ion: 119 Resp: 10686
Ion Ratio Lower Upper
119 100
91 59.4 31.2 93.6
134 25.4 11.7 35.0





#85

sec-Butylbenzene

Concen: 5.970 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX041337.D

Acq: 01 May 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

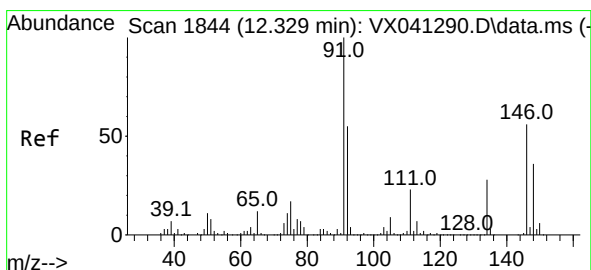
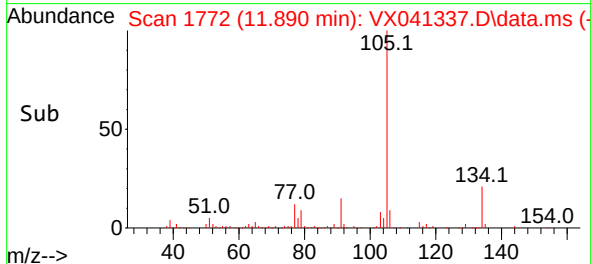
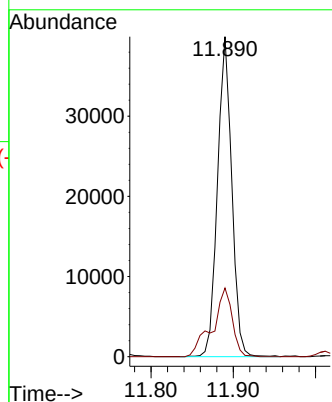
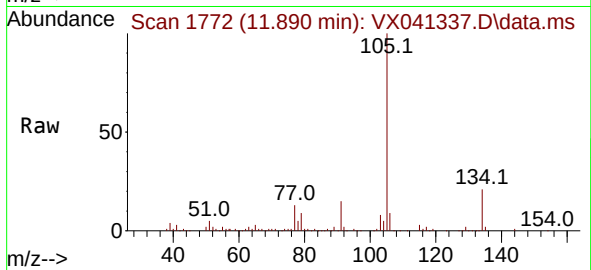
T11-MW-13-8.0-042324

Tgt Ion:105 Resp: 48157

Ion Ratio Lower Upper

105 100

134 29.7 9.8 29.4#



#89

n-Butylbenzene

Concen: 2.597 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX041337.D

Acq: 01 May 2024 19:44

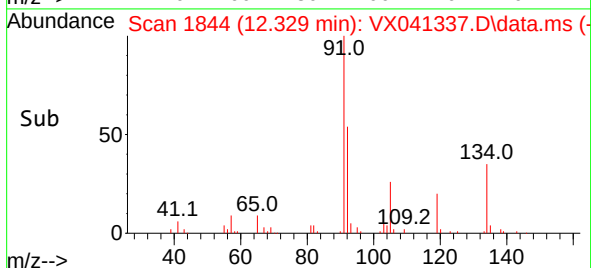
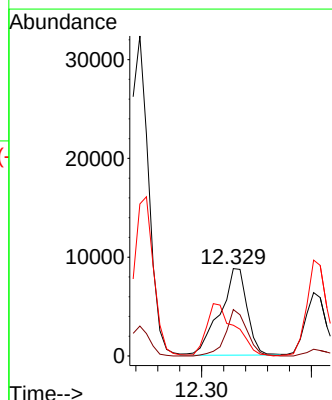
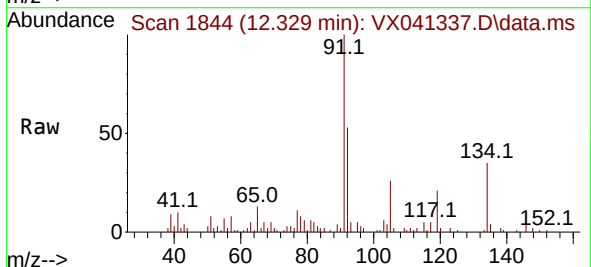
Tgt Ion: 91 Resp: 15129

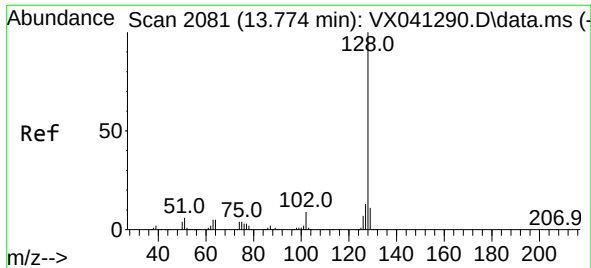
Ion Ratio Lower Upper

91 100

92 42.2 27.4 82.0

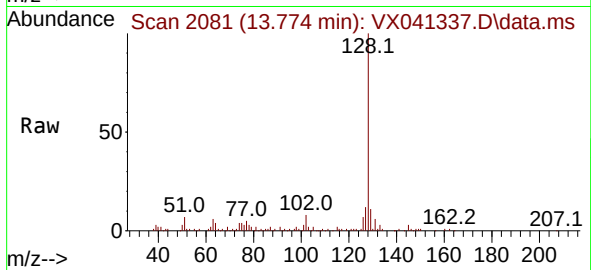
134 63.3 12.6 37.8#





#95
Naphthalene
Concen: 3.101 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041337.D
Acq: 01 May 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324



Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.9	10.3	15.5#
129	12.9	8.8	13.2

