

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041324.D
 Acq On : 01 May 2024 14:21
 Operator : JC/MD
 Sample : P2264-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-MW-3-8.0-042424

Quant Time: May 02 03:10:15 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

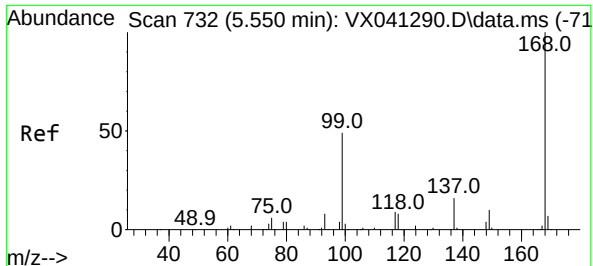
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	183059	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	245834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94485	47.412	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.820%
35) Dibromofluoromethane	5.385	113	79224	47.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	8.647	98	305245	57.890	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	115.780%#
62) 4-Bromofluorobenzene	11.079	95	116950	57.296	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.600%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	5631	2.545	ug/l	97
31) Cyclohexane	5.464	56	22129	9.200	ug/l	# 88
39) Methylcyclohexane	7.373	83	25038	10.699	ug/l	98
40) Benzene	6.037	78	2210	0.360	ug/l	94
52) Toluene	8.720	92	1893	0.504	ug/l	96
67) Ethyl Benzene	10.195	91	3106	0.408	ug/l	# 88
68) m/p-Xylenes	10.305	106	2014	0.661	ug/l	94
73) Isopropylbenzene	10.963	105	181773	23.754	ug/l	96
78) n-propylbenzene	11.305	91	307166	38.219	ug/l	97
83) tert-Butylbenzene	11.713	119	3044	0.456	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	3504	0.558	ug/l	99
85) sec-Butylbenzene	11.890	105	13880	1.813	ug/l	# 57
89) n-Butylbenzene	12.335	91	15942	2.884	ug/l	# 77

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

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Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration

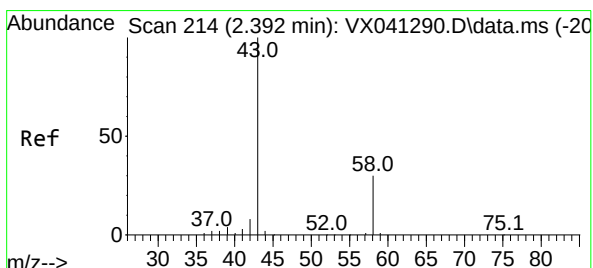
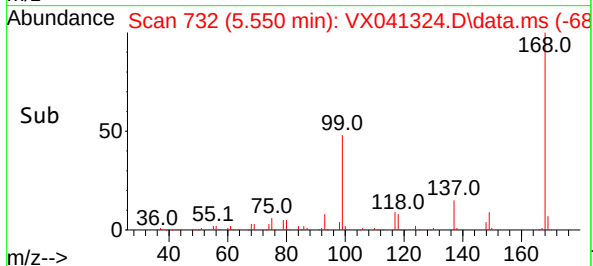
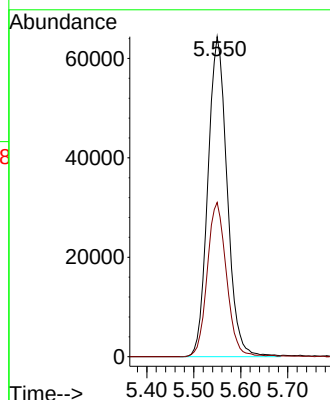
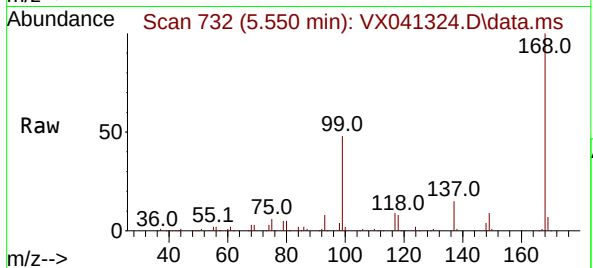




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041324.D
Acq: 01 May 2024 14:21

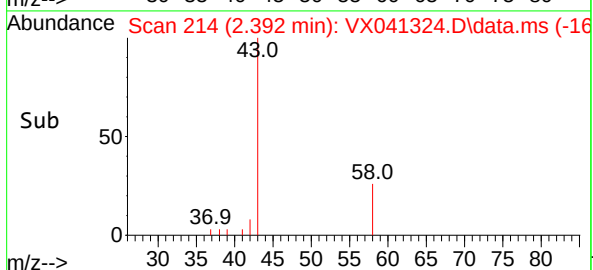
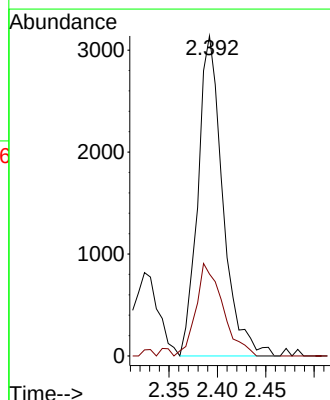
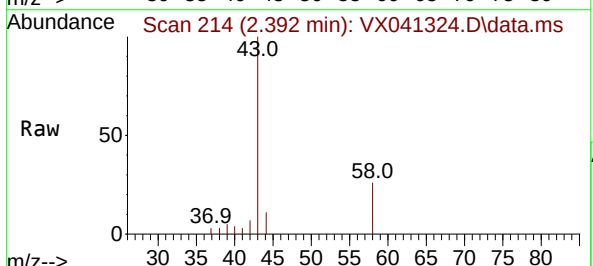
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-3-8.0-042424

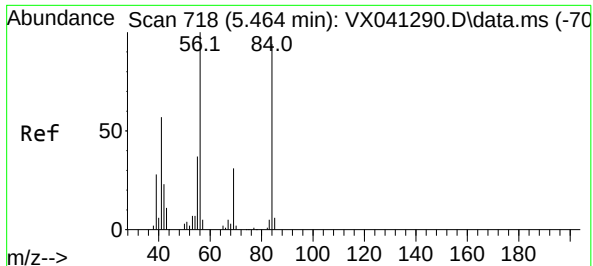
Tgt Ion:168 Resp: 183059
Ion Ratio Lower Upper
168 100
99 48.2 56.6 85.0#



#16
Acetone
Concen: 2.545 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041324.D
Acq: 01 May 2024 14:21

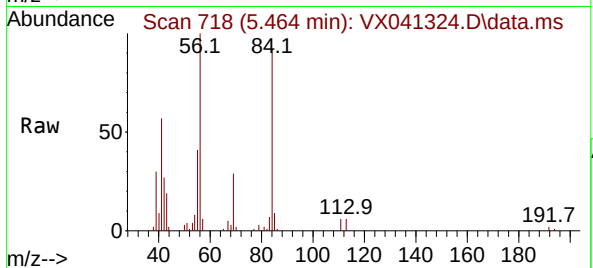
Tgt Ion: 43 Resp: 5631
Ion Ratio Lower Upper
43 100
58 25.6 21.9 32.9



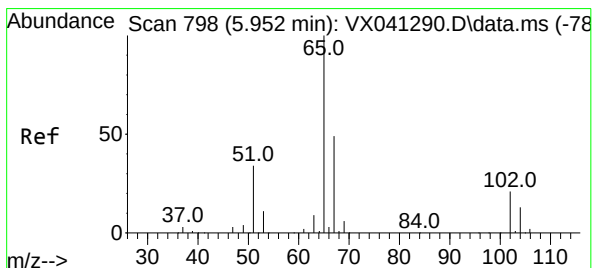
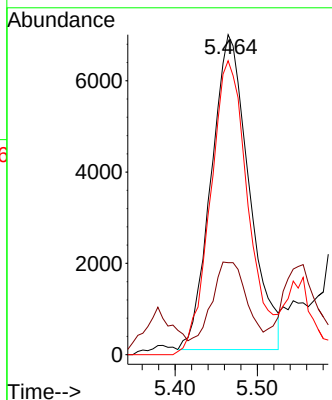
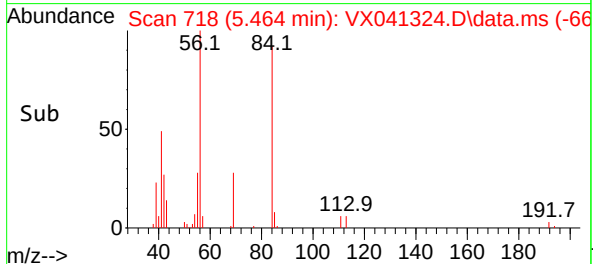


#31
Cyclohexane
Concen: 9.200 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041324.D
Acq: 01 May 2024 14:21

Instrument :
MSVOA_X
ClientSampleId :
T2-MW-3-8.0-042424

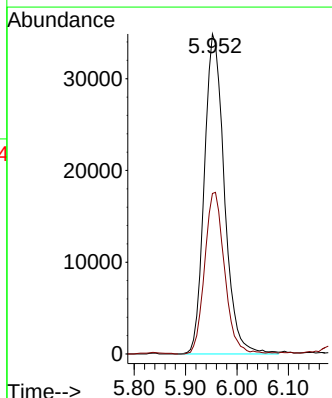
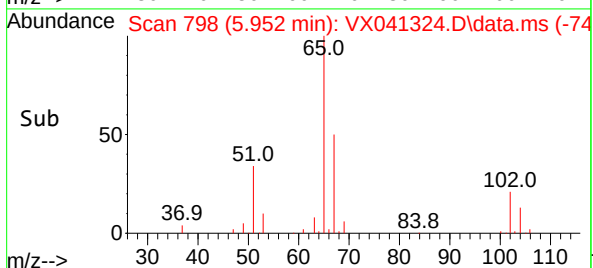
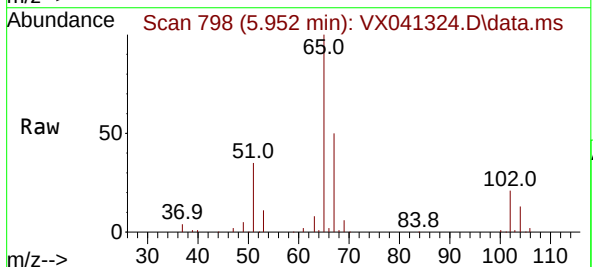


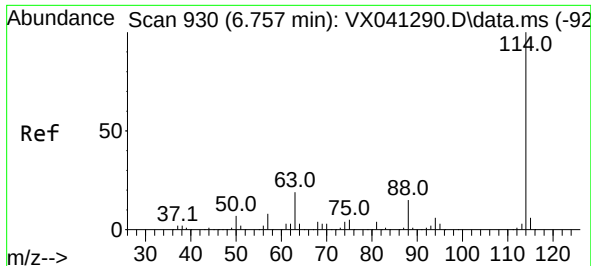
Tgt Ion: 56 Resp: 22129
Ion Ratio Lower Upper
56 100
69 21.5 23.4 35.2#
84 92.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.412 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041324.D
Acq: 01 May 2024 14:21

Tgt Ion: 65 Resp: 94485
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2

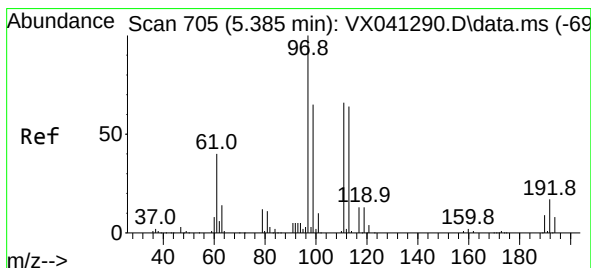
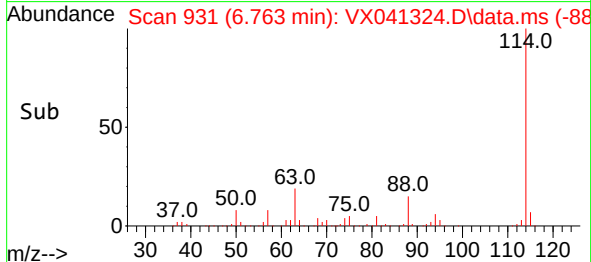
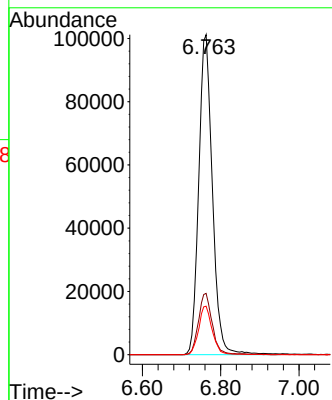
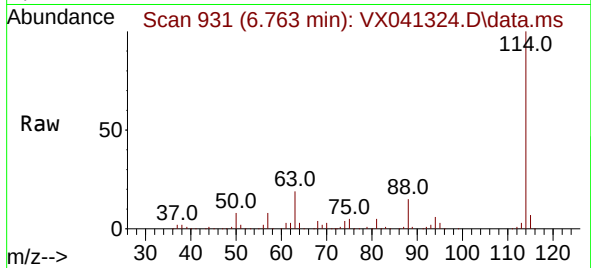




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041324.D
Acq: 01 May 2024 14:21

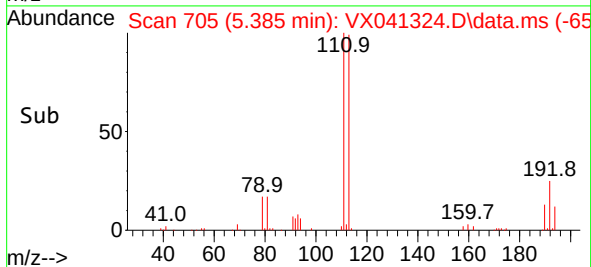
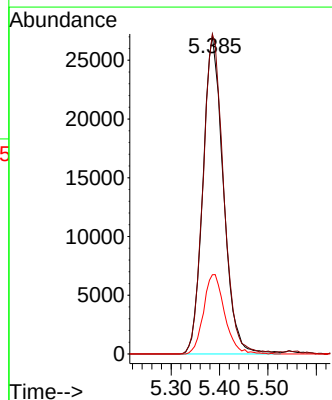
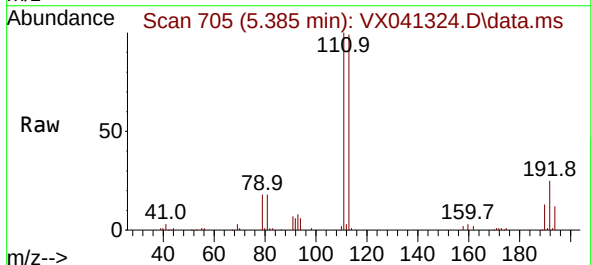
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-3-8.0-042424

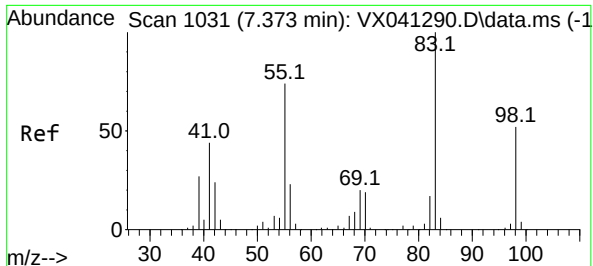
Tgt Ion:114 Resp: 245834
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.555 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041324.D
Acq: 01 May 2024 14:21

Tgt Ion:113 Resp: 79224
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 25.8 13.3 19.9#





#39

Methylcyclohexane

Concen: 10.699 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX041324.D

Acq: 01 May 2024 14:21

Instrument :

MSVOA_X

ClientSampleId :

T2-MW-3-8.0-042424

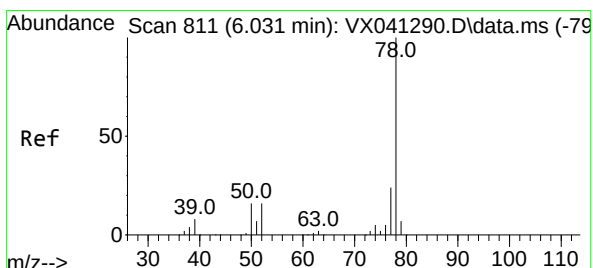
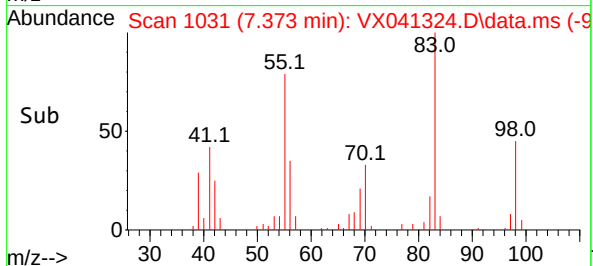
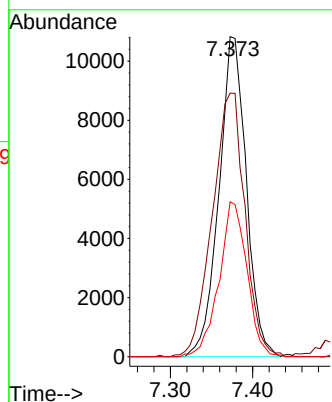
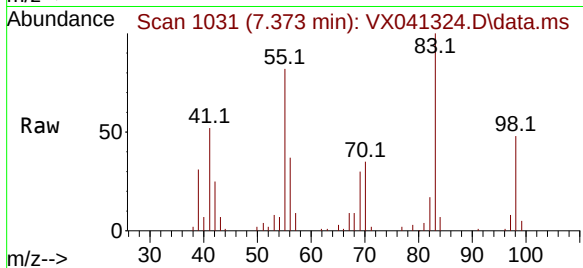
Tgt Ion: 83 Resp: 25038

Ion Ratio Lower Upper

83 100

55 81.7 64.6 97.0

98 48.4 36.7 55.1



#40

Benzene

Concen: 0.360 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX041324.D

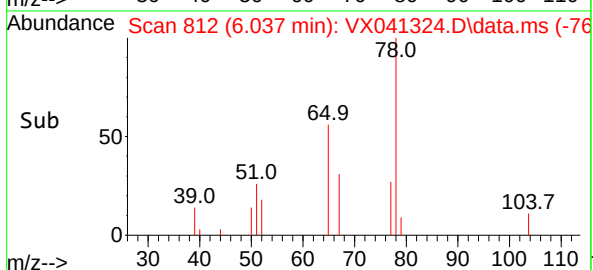
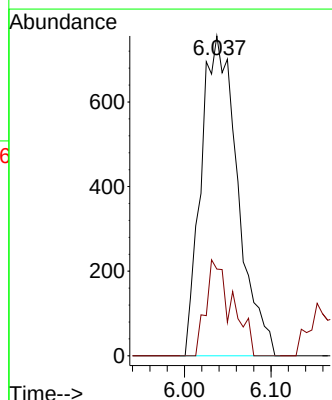
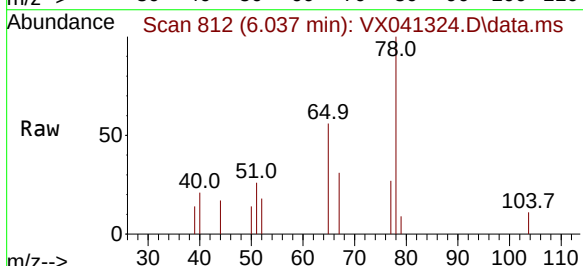
Acq: 01 May 2024 14:21

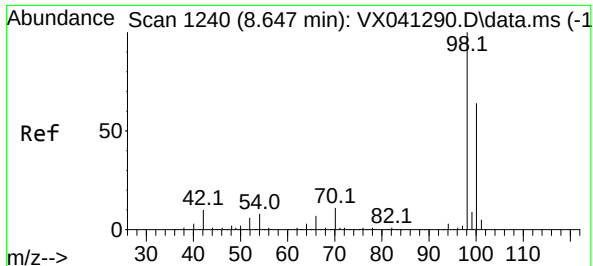
Tgt Ion: 78 Resp: 2210

Ion Ratio Lower Upper

78 100

77 27.1 19.3 28.9





#50

Toluene-d8

Concen: 57.890 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041324.D

Acq: 01 May 2024 14:21

Instrument :

MSVOA_X

ClientSampleId :

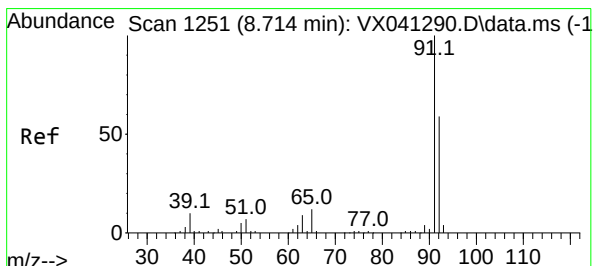
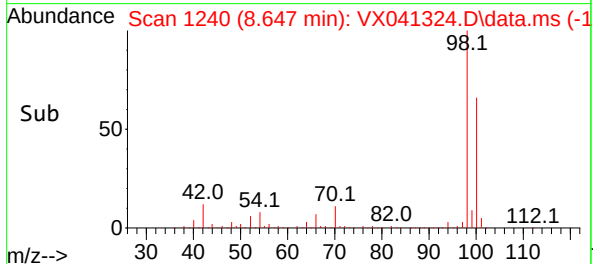
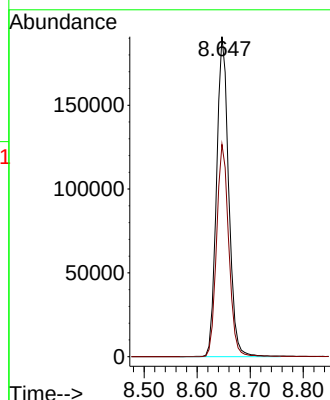
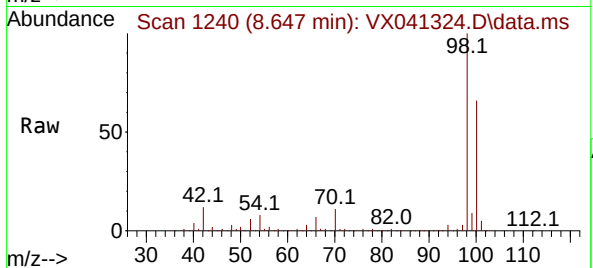
T2-MW-3-8.0-042424

Tgt Ion: 98 Resp: 305245

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#52

Toluene

Concen: 0.504 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX041324.D

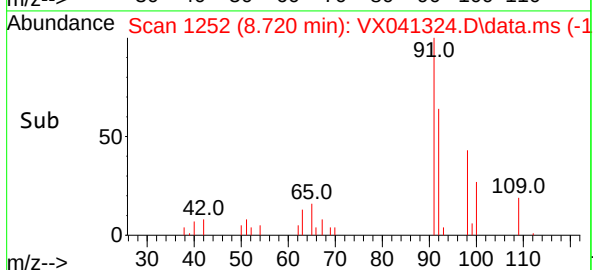
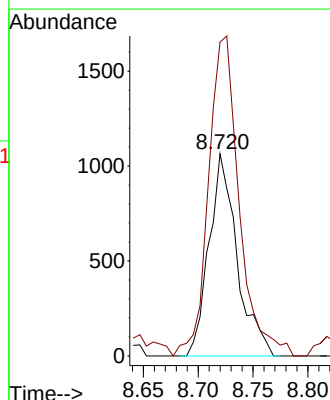
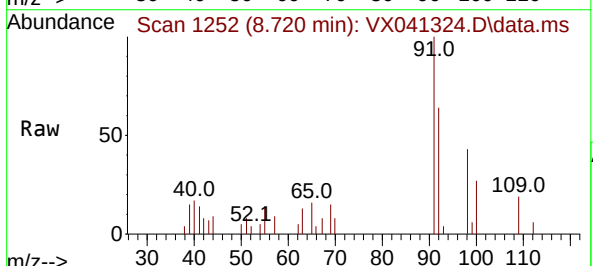
Acq: 01 May 2024 14:21

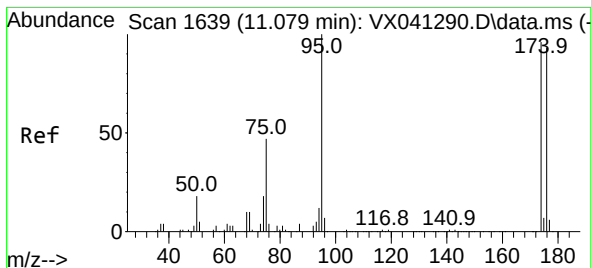
Tgt Ion: 92 Resp: 1893

Ion Ratio Lower Upper

92 100

91 172.7 134.2 201.2

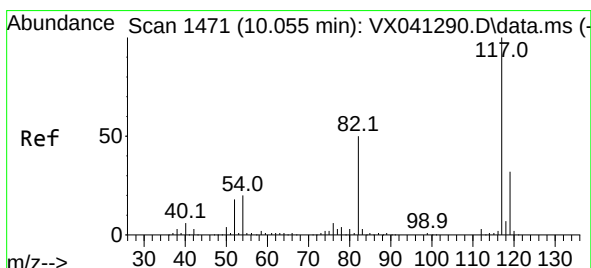
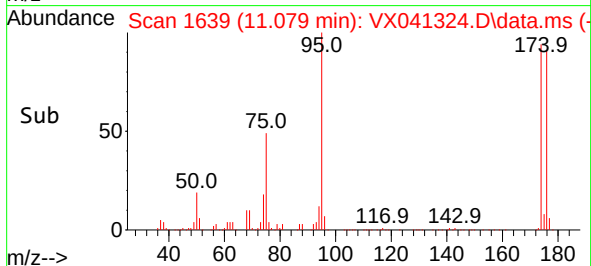
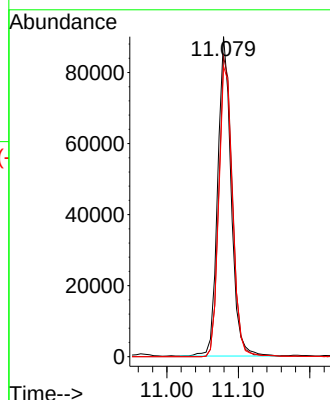
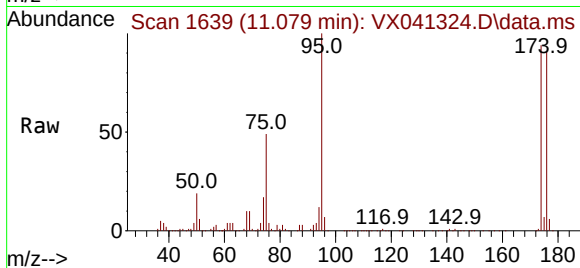




#62
4-Bromofluorobenzene
Concen: 57.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041324.D
Acq: 01 May 2024 14:21

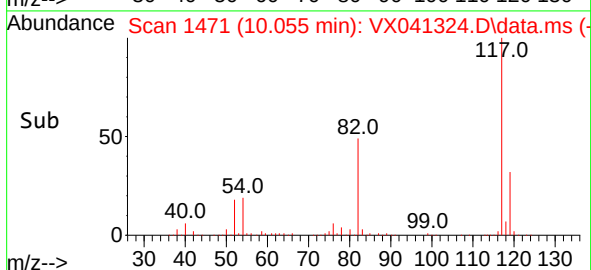
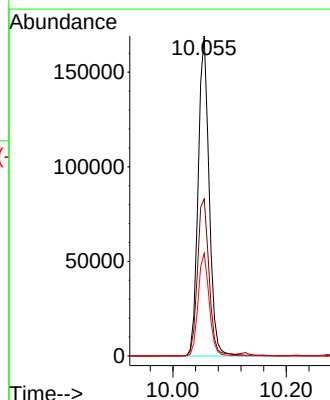
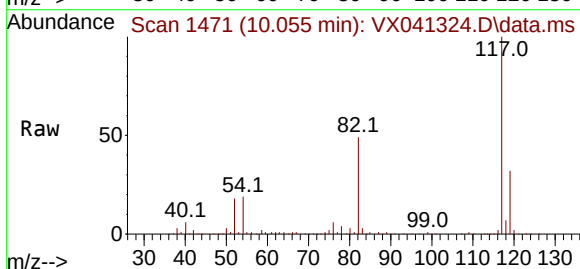
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-3-8.0-042424

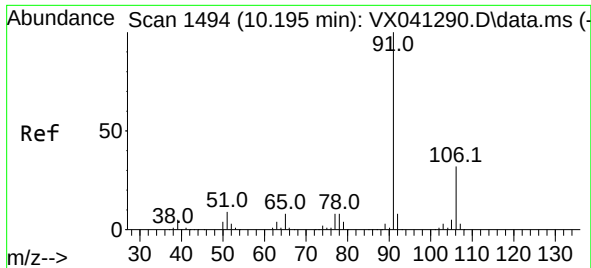
Tgt Ion: 95 Resp: 116950
Ion Ratio Lower Upper
95 100
174 96.0 0.0 135.6
176 93.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041324.D
Acq: 01 May 2024 14:21

Tgt Ion: 117 Resp: 227228
Ion Ratio Lower Upper
117 100
82 49.0 46.2 69.4
119 32.0 25.5 38.3

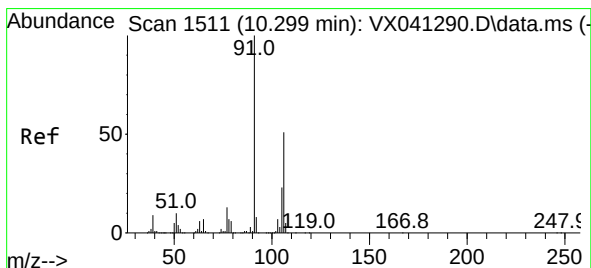
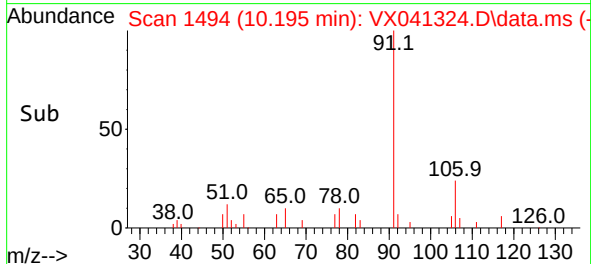
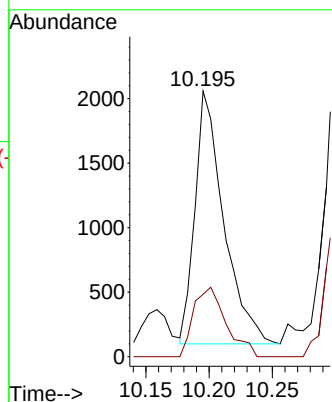
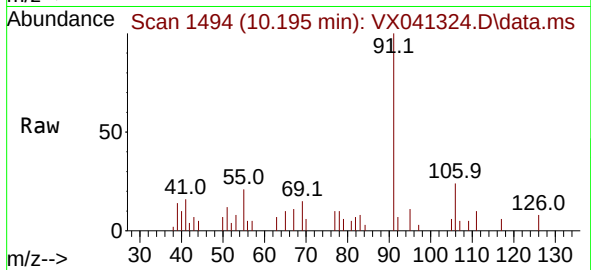




#67
Ethyl Benzene
Concen: 0.408 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041324.D
Acq: 01 May 2024 14:21

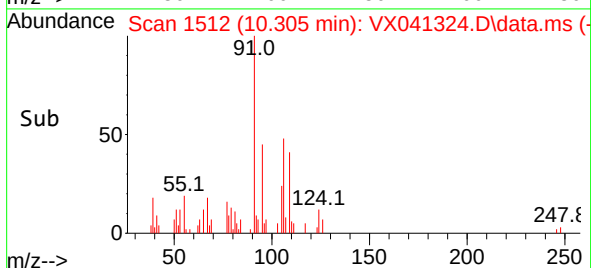
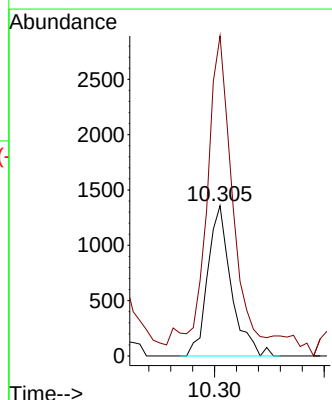
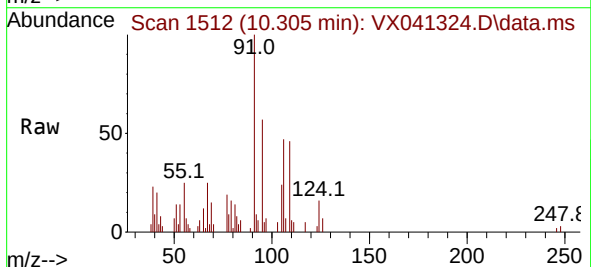
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-3-8.0-042424

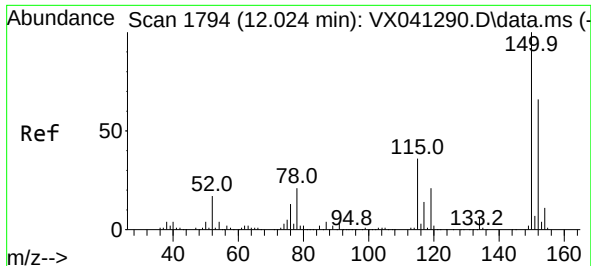
Tgt Ion: 91 Resp: 3106
Ion Ratio Lower Upper
91 100
106 24.7 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.661 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041324.D
Acq: 01 May 2024 14:21

Tgt Ion: 106 Resp: 2014
Ion Ratio Lower Upper
106 100
91 216.5 165.5 248.3

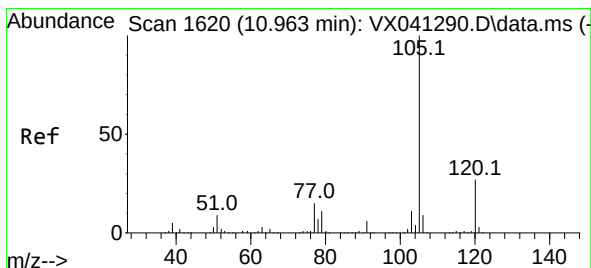
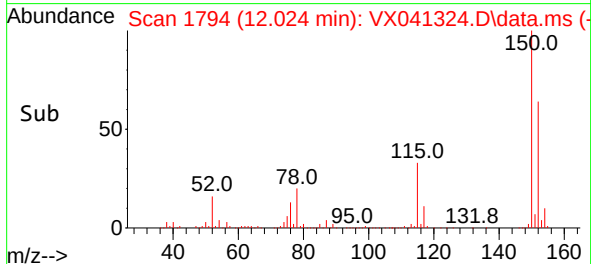
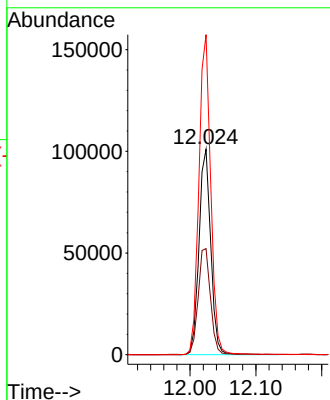
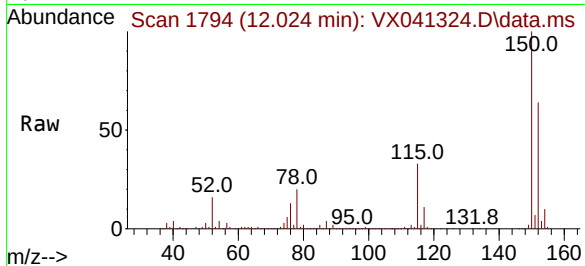




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041324.D
 Acq: 01 May 2024 14:21

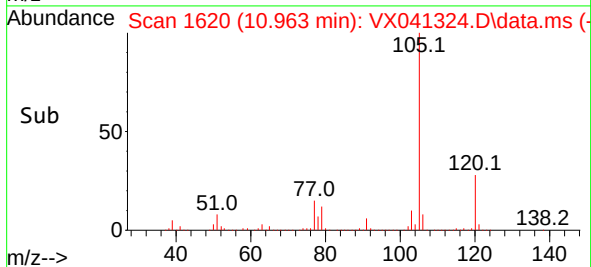
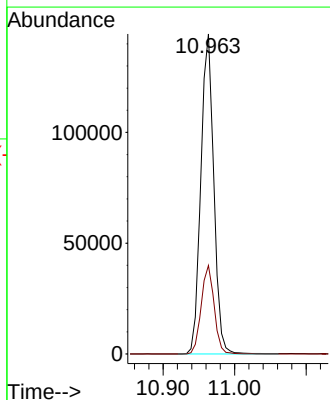
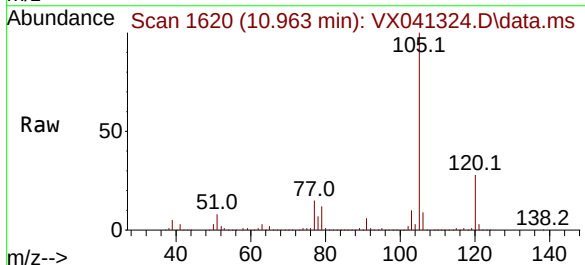
Instrument :
 MSVOA_X
 ClientSampleId :
 T2-MW-3-8.0-042424

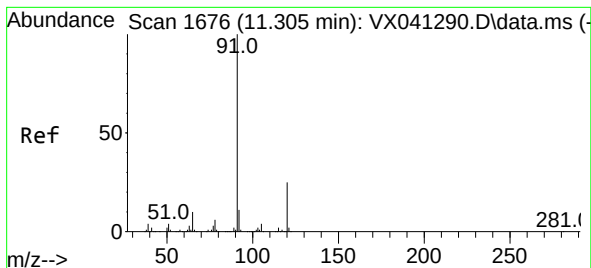
Tgt Ion:152 Resp: 125359
 Ion Ratio Lower Upper
 152 100
 115 53.9 43.3 129.9
 150 156.4 0.0 345.0



#73
 Isopropylbenzene
 Concen: 23.754 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: VX041324.D
 Acq: 01 May 2024 14:21

Tgt Ion:105 Resp: 181773
 Ion Ratio Lower Upper
 105 100
 120 27.5 12.9 38.6





#78

n-propylbenzene

Concen: 38.219 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041324.D

Acq: 01 May 2024 14:21

Instrument :

MSVOA_X

ClientSampleId :

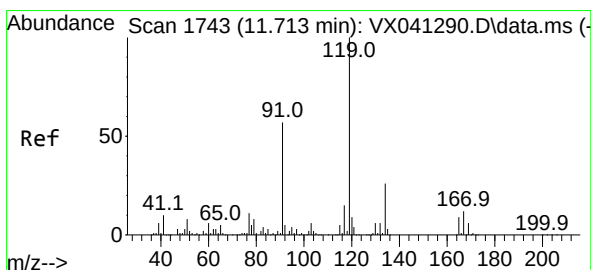
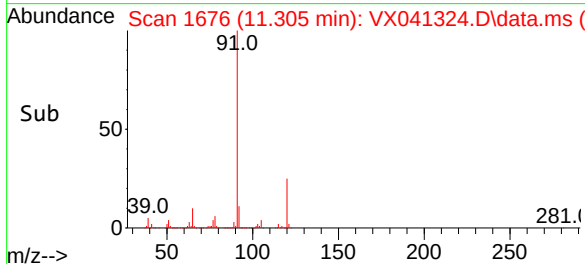
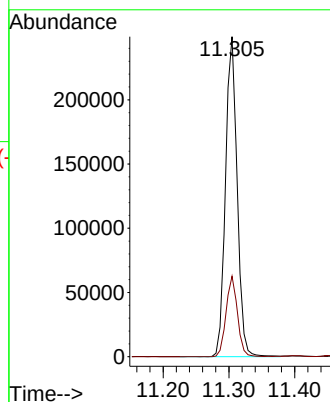
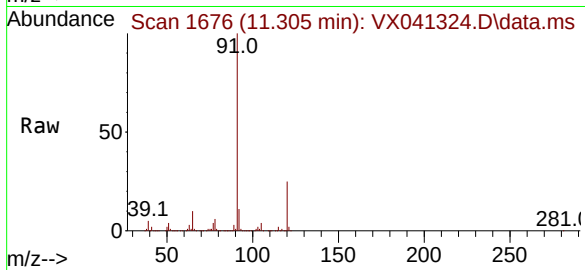
T2-MW-3-8.0-042424

Tgt Ion: 91 Resp: 307166

Ion Ratio Lower Upper

91 100

120 24.6 11.5 34.4



#83

tert-Butylbenzene

Concen: 0.456 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041324.D

Acq: 01 May 2024 14:21

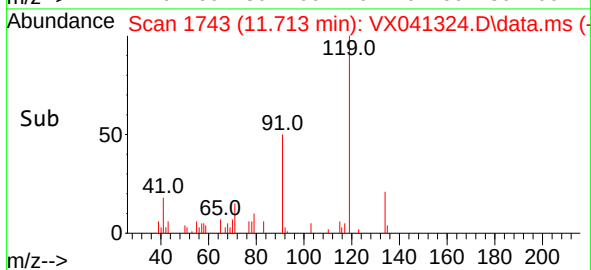
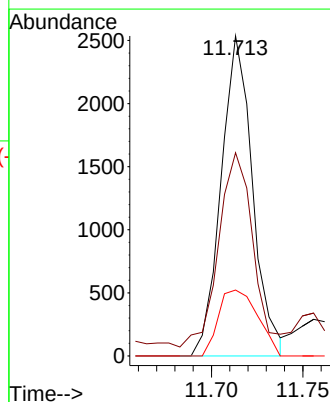
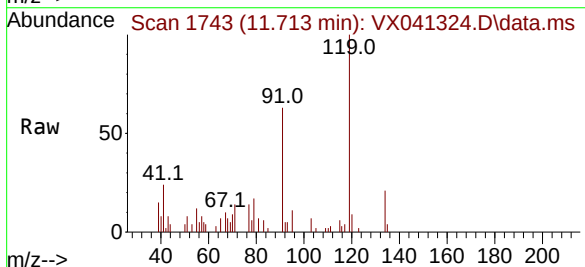
Tgt Ion: 119 Resp: 3044

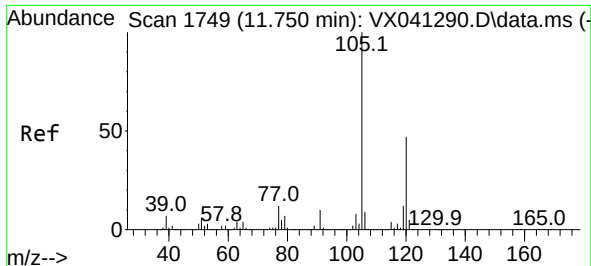
Ion Ratio Lower Upper

119 100

91 65.2 31.2 93.6

134 25.6 11.7 35.0

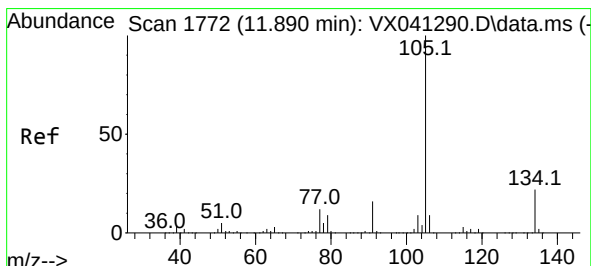
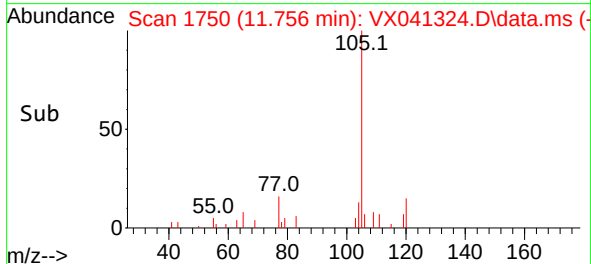
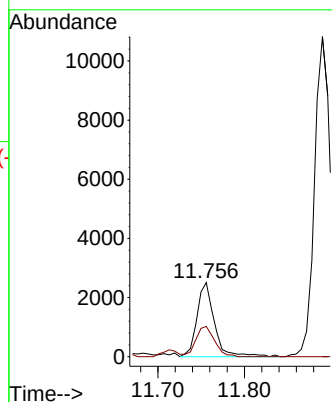
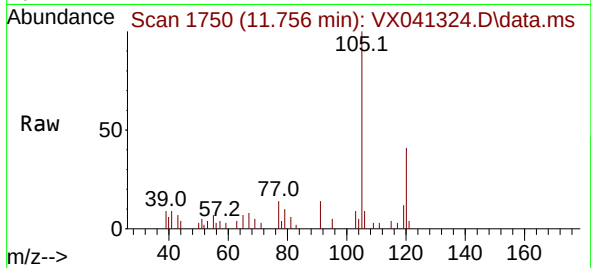




#84
1,2,4-Trimethylbenzene
Concen: 0.558 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX041324.D
Acq: 01 May 2024 14:21

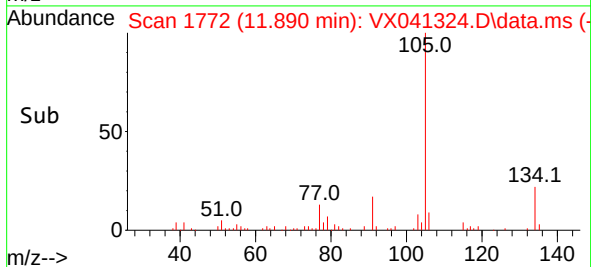
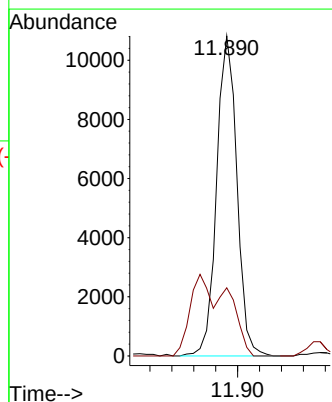
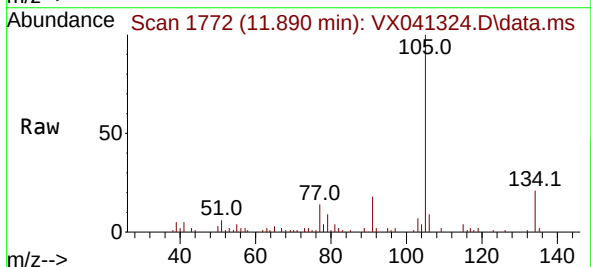
Instrument :
MSVOA_X
ClientSampleId :
T2-MW-3-8.0-042424

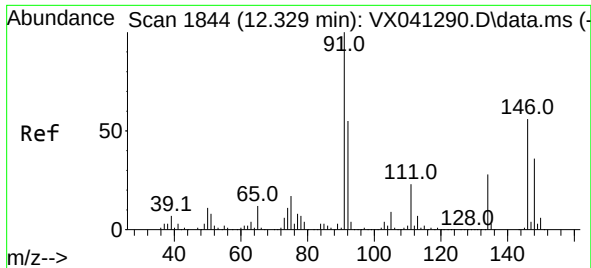
Tgt Ion:105 Resp: 3504
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6



#85
sec-Butylbenzene
Concen: 1.813 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX041324.D
Acq: 01 May 2024 14:21

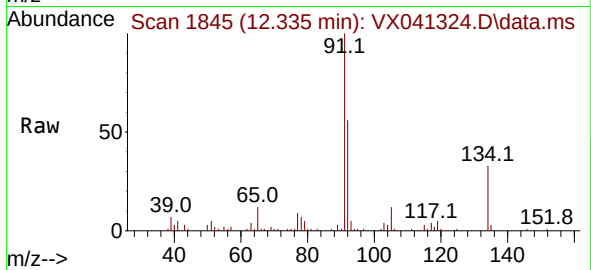
Tgt Ion:105 Resp: 13880
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#





#89
 n-Butylbenzene
 Concen: 2.884 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX041324.D
 Acq: 01 May 2024 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-MW-3-8.0-042424



Tgt Ion: 91 Resp: 15942

Ion	Ratio	Lower	Upper
91	100		
92	46.8	27.4	82.0
134	0.0	12.6	37.8#

