

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041333.D
 Acq On : 01 May 2024 17:49
 Operator : JC/MD
 Sample : P2264-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-10-8.0-042324

Quant Time: May 02 03:14:47 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)

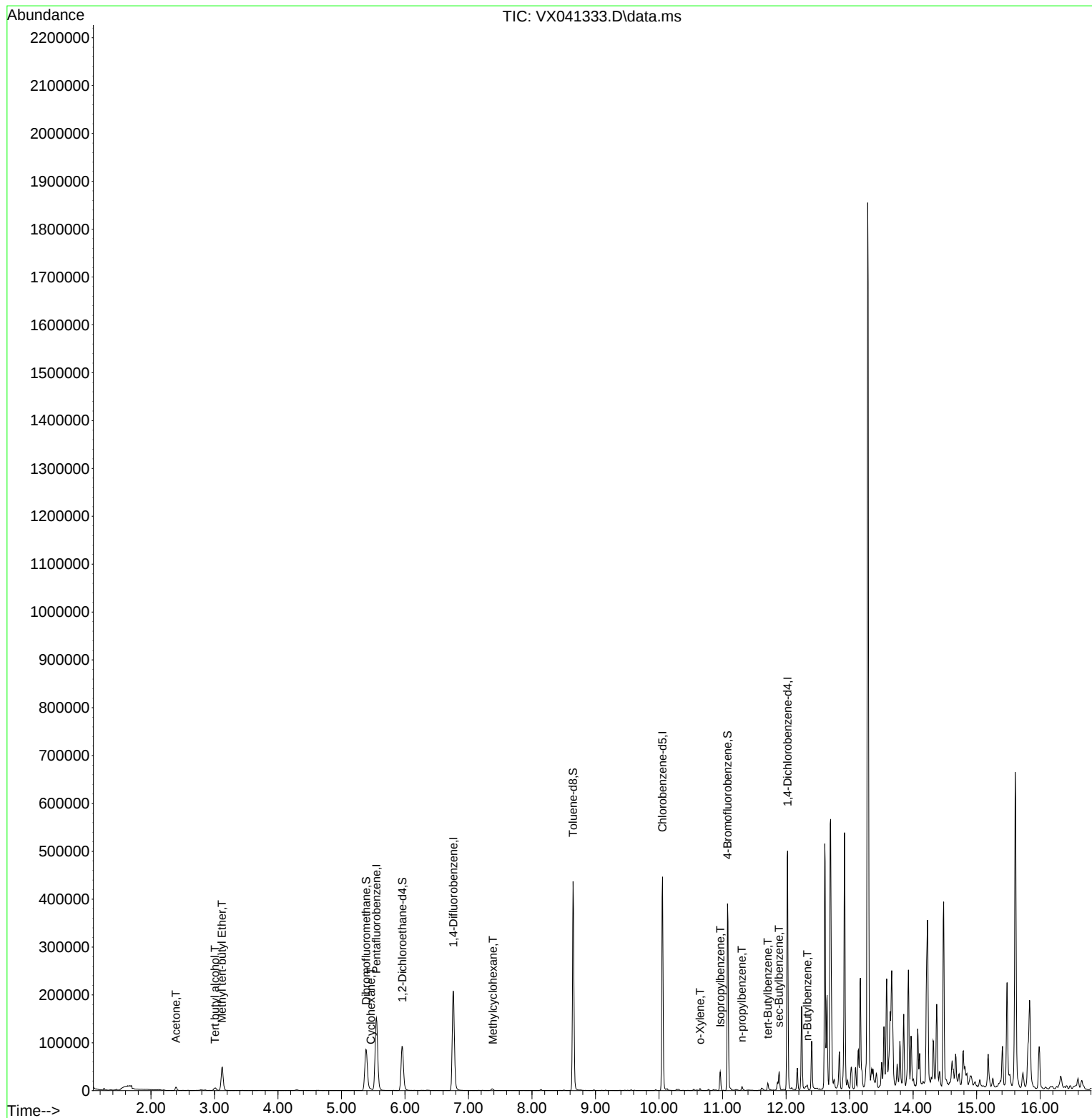
Internal Standards						
1) Pentafluorobenzene	5.550	168	164332	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	226678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93790	52.426	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.860%	
35) Dibromofluoromethane	5.385	113	73981	48.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.320%	
50) Toluene-d8	8.647	98	256754	52.808	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	11.079	95	96287	51.159	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.007	59	8208	22.923	ug/l	# 93
16) Acetone	2.392	43	8760	7.323	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	54488	11.738	ug/l	99
31) Cyclohexane	5.464	56	1737	0.804	ug/l	96
39) Methylcyclohexane	7.385	83	1729	0.801	ug/l	# 79
69) o-Xylene	10.646	106	1001	0.375	ug/l	97
73) Isopropylbenzene	10.963	105	19932	2.823	ug/l	97
78) n-propylbenzene	11.305	91	5224	0.705	ug/l	97
83) tert-Butylbenzene	11.713	119	4947	0.803	ug/l	95
85) sec-Butylbenzene	11.890	105	18915	2.678	ug/l	# 72
89) n-Butylbenzene	12.335	91	4090	0.802	ug/l	# 82

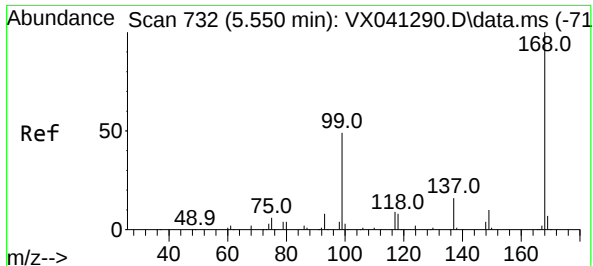
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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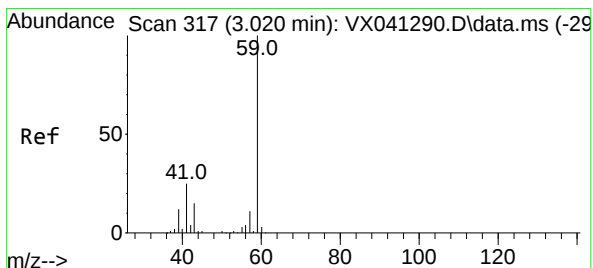
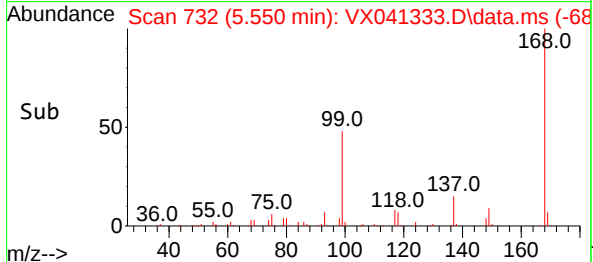
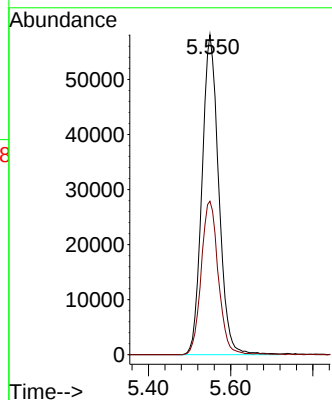
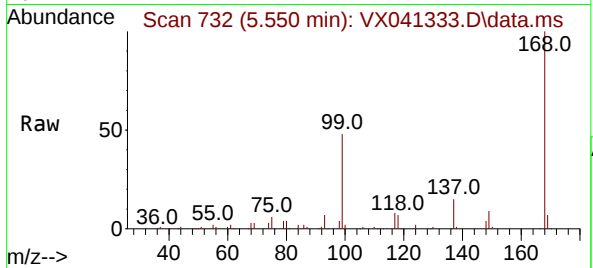




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041333.D
Acq: 01 May 2024 17:49

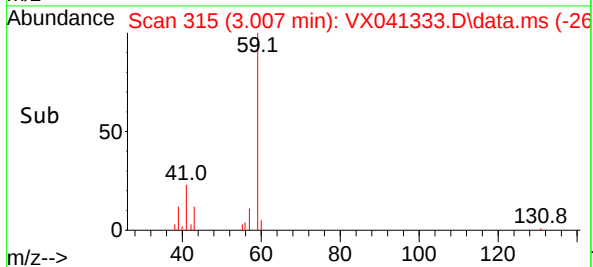
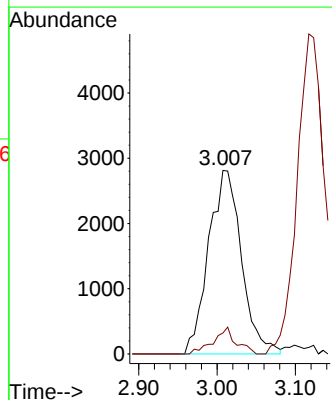
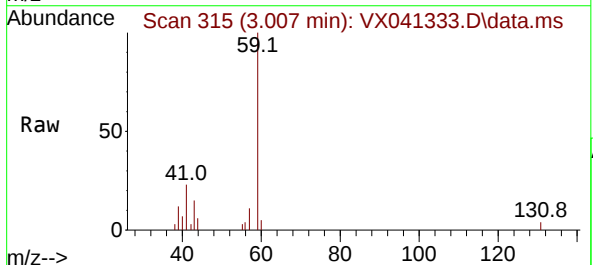
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-10-8.0-042324

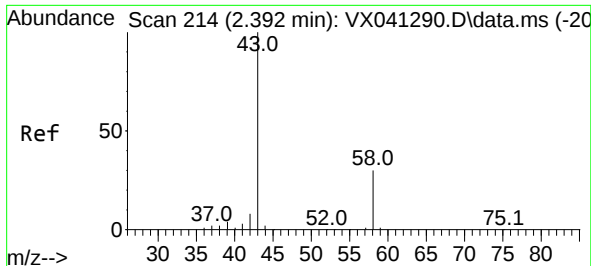
Tgt Ion:168 Resp: 164332
Ion Ratio Lower Upper
168 100
99 47.9 56.6 85.0#



#11
Tert butyl alcohol
Concen: 22.923 ug/l
RT: 3.007 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041333.D
Acq: 01 May 2024 17:49

Tgt Ion: 59 Resp: 8208
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0#

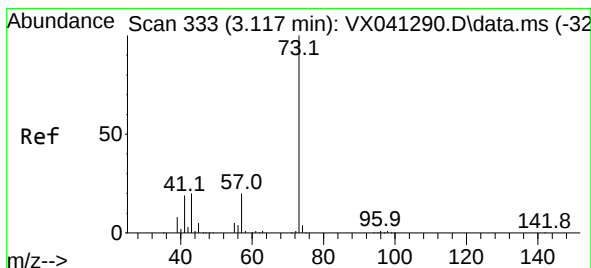
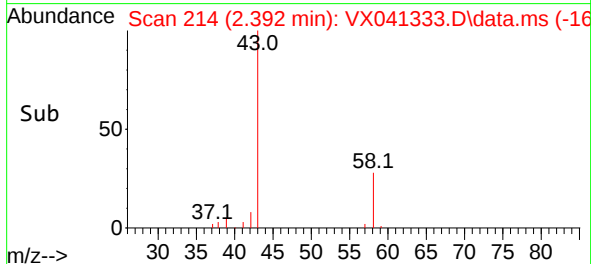
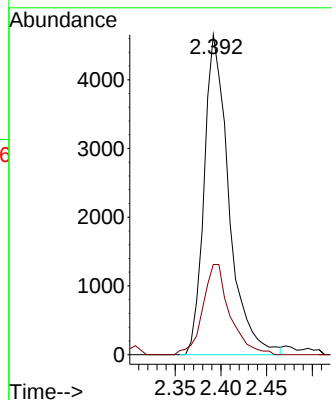
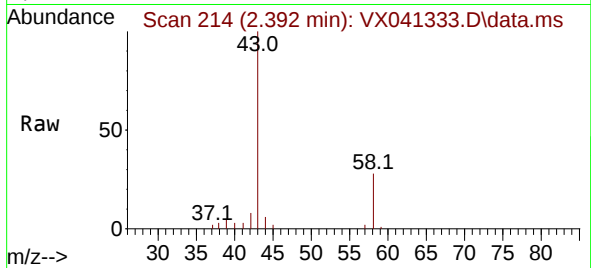




#16
Acetone
Concen: 7.323 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041333.D
Acq: 01 May 2024 17:49

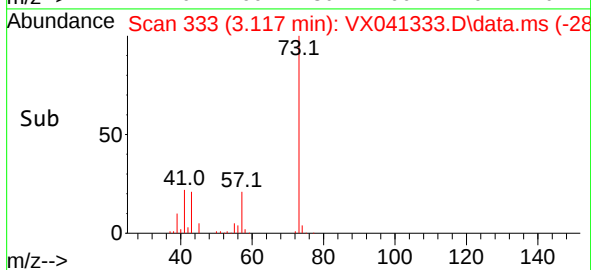
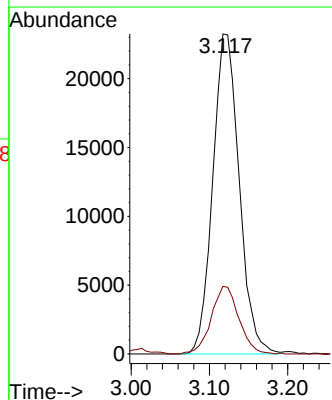
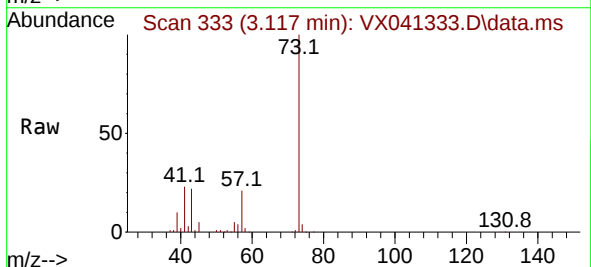
Instrument :
MSVOA_X
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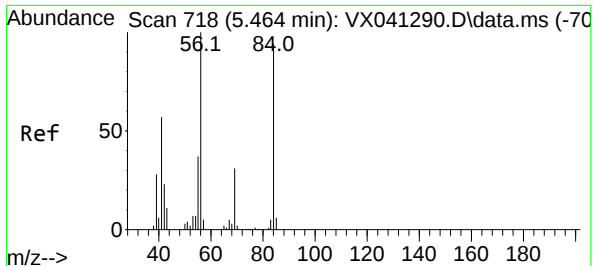
Tgt Ion: 43 Resp: 8760
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 11.738 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX041333.D
Acq: 01 May 2024 17:49

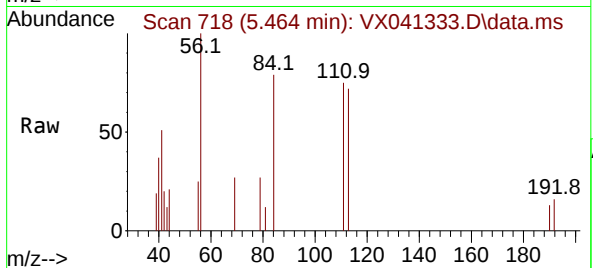
Tgt Ion: 73 Resp: 54488
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



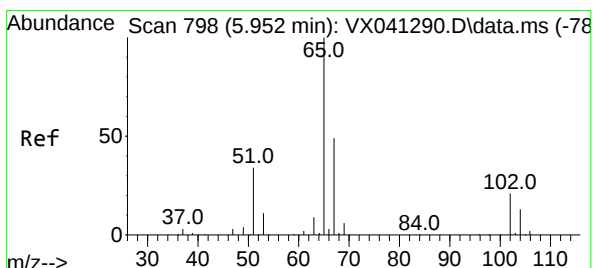
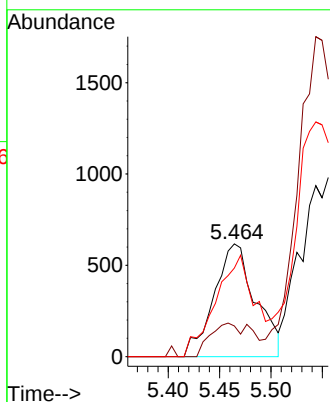
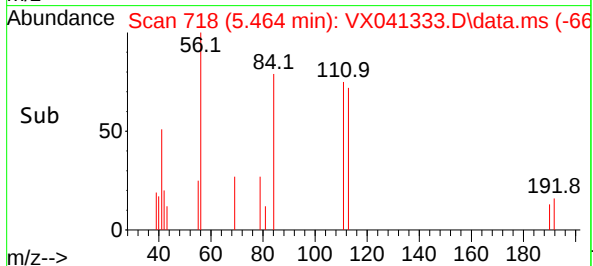


#31
Cyclohexane
Concen: 0.804 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041333.D
Acq: 01 May 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-10-8.0-042324

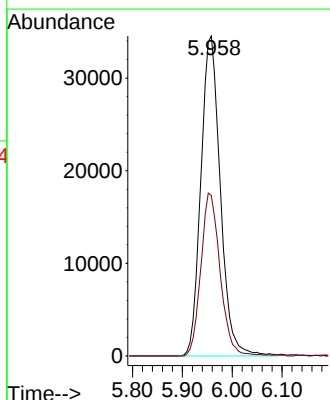
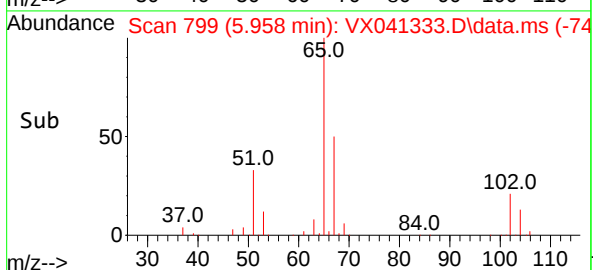
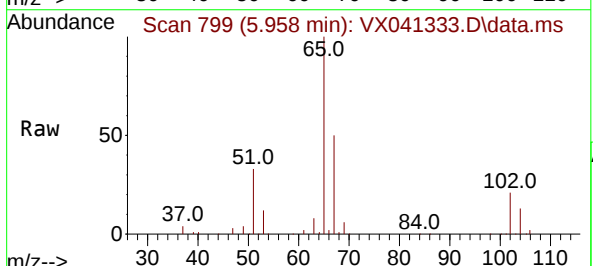


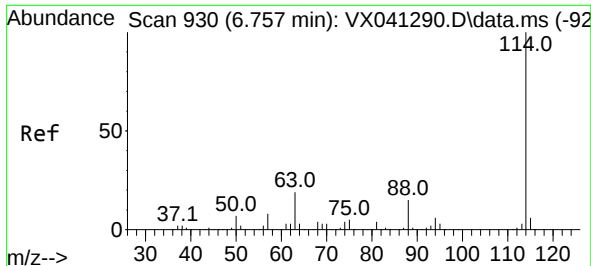
Tgt Ion:	56	Resp:	1737
Ion	Ratio	Lower	Upper
56	100		
69	27.2	23.4	35.2
84	78.6	65.9	98.9



#33
1,2-Dichloroethane-d4
Concen: 52.426 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041333.D
Acq: 01 May 2024 17:49

Tgt Ion:	65	Resp:	93790
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	100.2

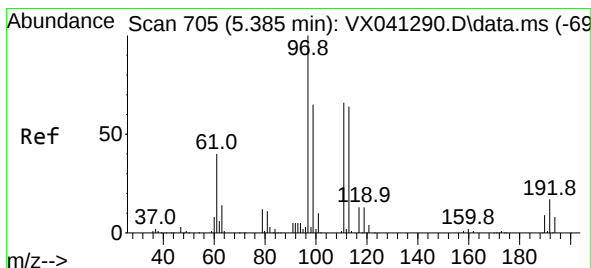
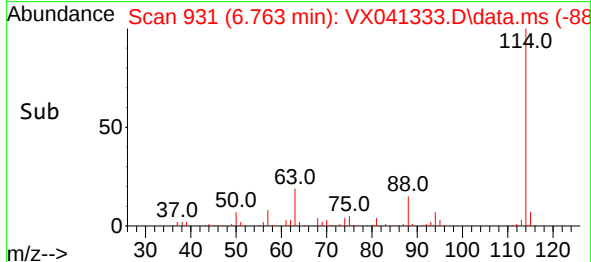
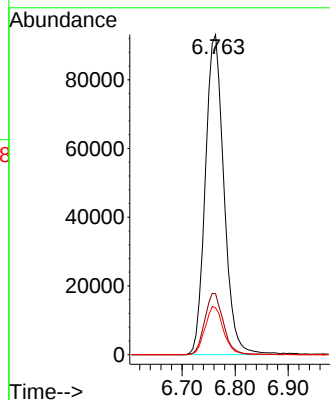
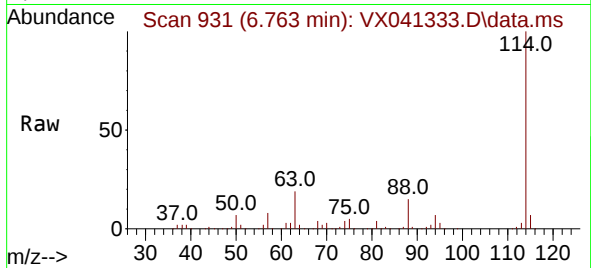




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041333.D
Acq: 01 May 2024 17:49

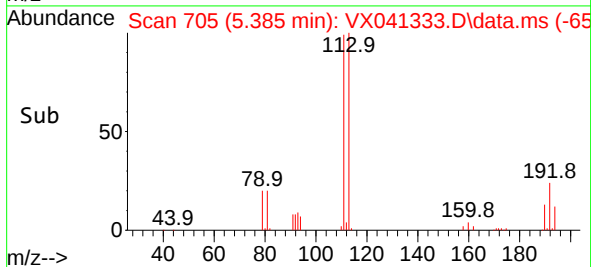
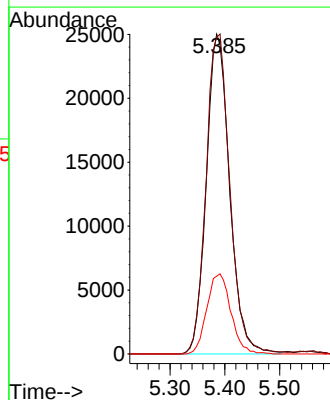
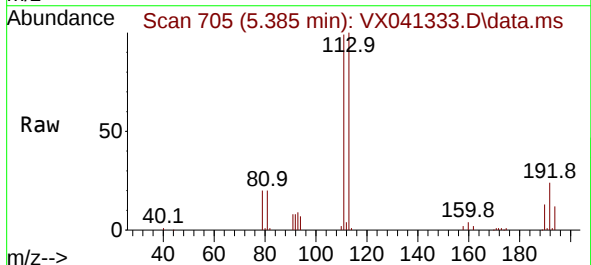
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-10-8.0-042324

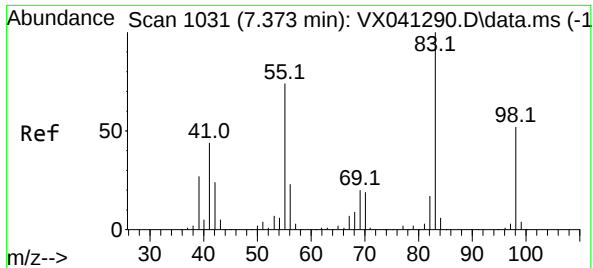
Tgt Ion:114 Resp: 226678
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.161 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041333.D
Acq: 01 May 2024 17:49

Tgt Ion:113 Resp: 73981
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 25.8 13.3 19.9#





#39

Methylcyclohexane

Concen: 0.801 ug/l

RT: 7.385 min Scan# 1031

Delta R.T. 0.012 min

Lab File: VX041333.D

Acq: 01 May 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-10-8.0-042324

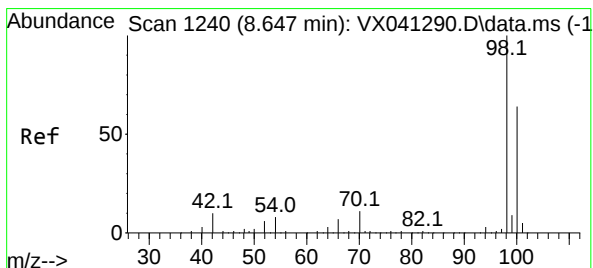
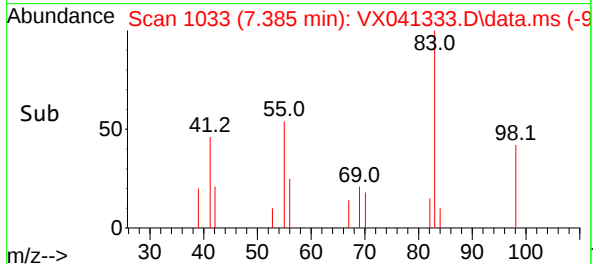
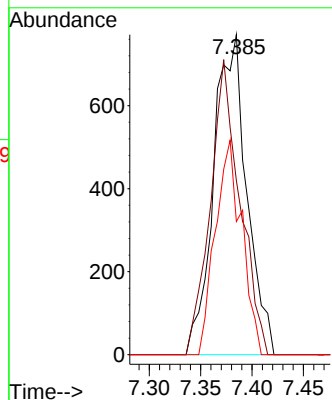
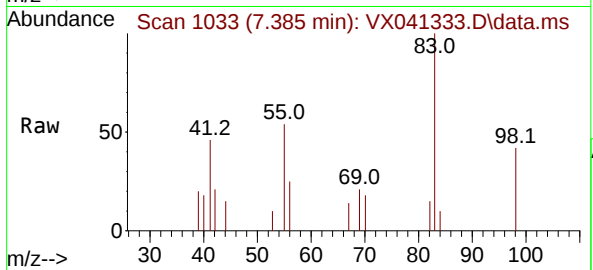
Tgt Ion: 83 Resp: 1729

Ion Ratio Lower Upper

83 100

55 54.5 64.6 97.0#

98 41.6 36.7 55.1



#50

Toluene-d8

Concen: 52.808 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041333.D

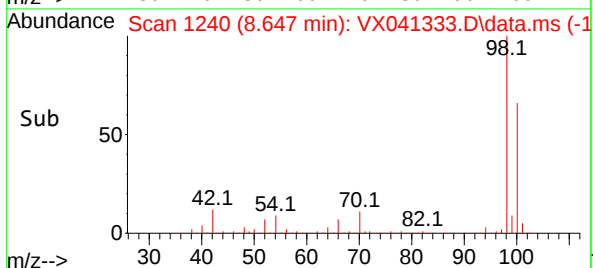
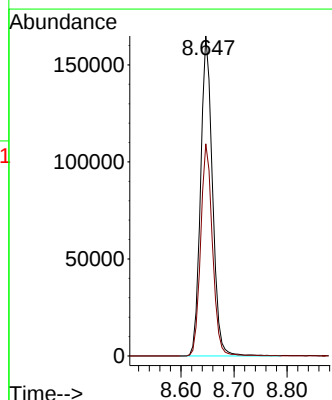
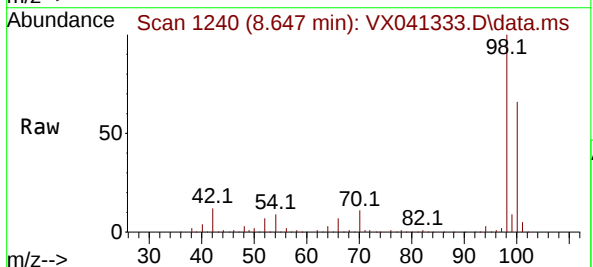
Acq: 01 May 2024 17:49

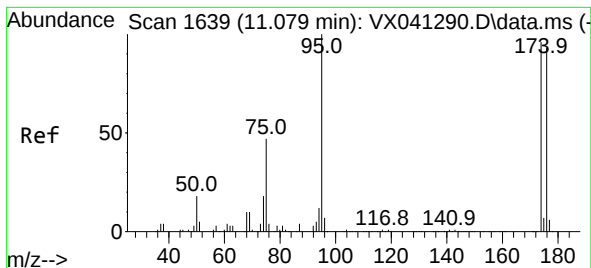
Tgt Ion: 98 Resp: 256754

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 51.159 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041333.D

Acq: 01 May 2024 17:49

Instrument :

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ClientSampleId :

T11-MW-10-8.0-042324

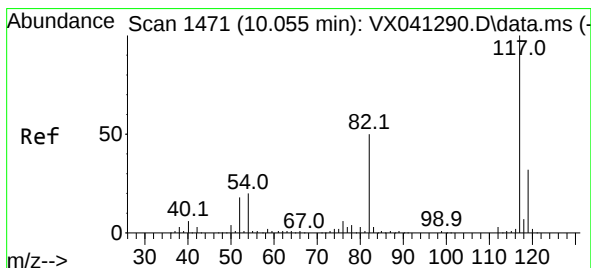
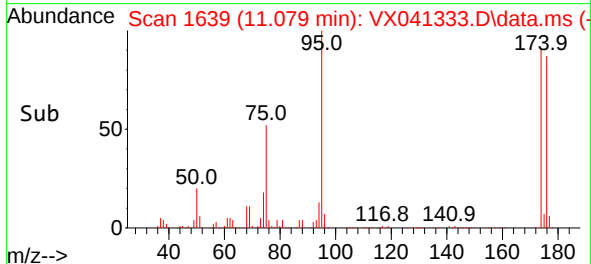
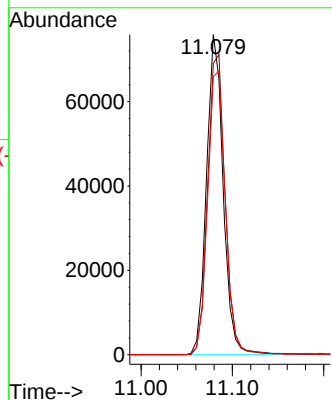
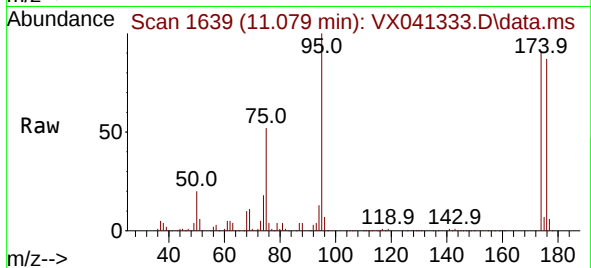
Tgt Ion: 95 Resp: 96287

Ion Ratio Lower Upper

95 100

174 99.0 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: VX041333.D

Acq: 01 May 2024 17:49

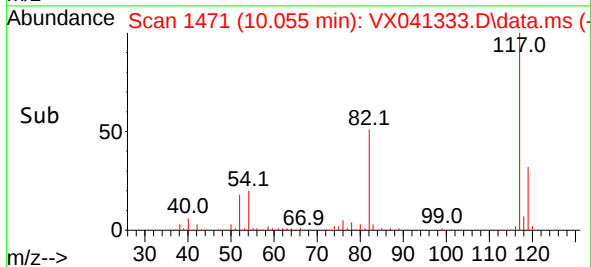
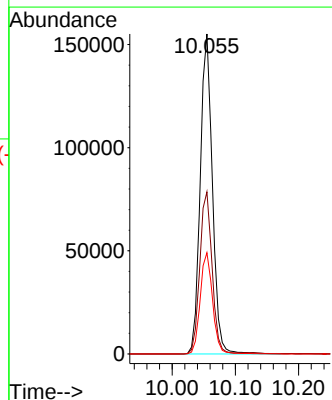
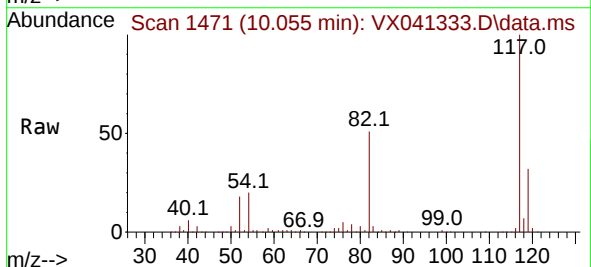
Tgt Ion: 117 Resp: 208029

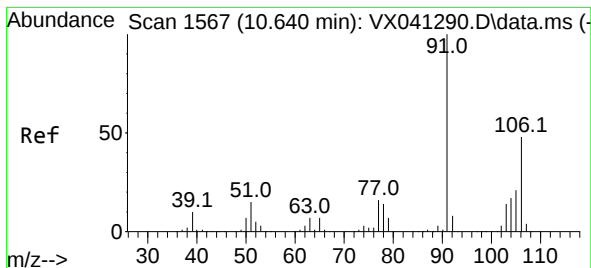
Ion Ratio Lower Upper

117 100

82 50.7 46.2 69.4

119 31.6 25.5 38.3





#69

o-Xylene

Concen: 0.375 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041333.D

Acq: 01 May 2024 17:49

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MSVOA_X

ClientSampleId :

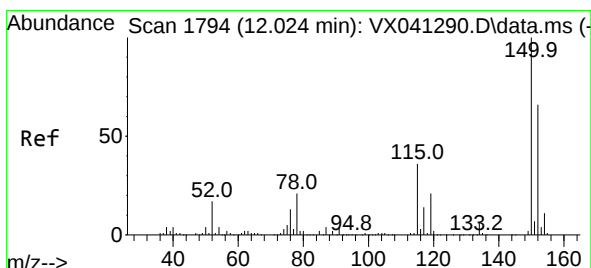
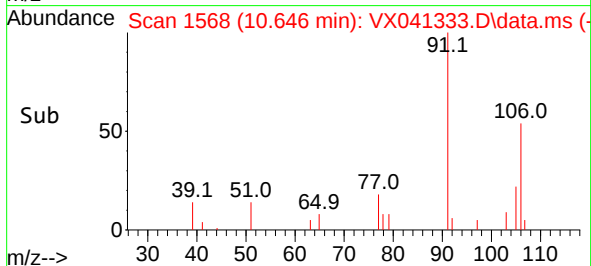
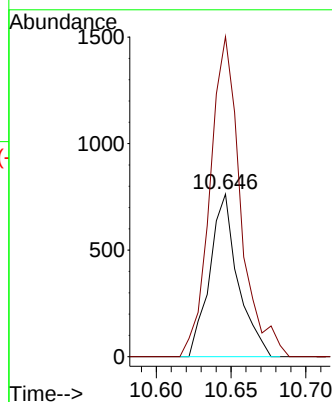
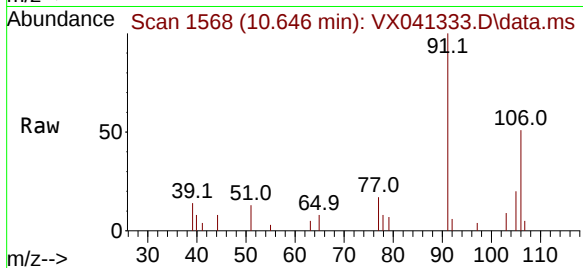
T11-MW-10-8.0-042324

Tgt Ion:106 Resp: 1001

Ion Ratio Lower Upper

106 100

91 213.4 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041333.D

Acq: 01 May 2024 17:49

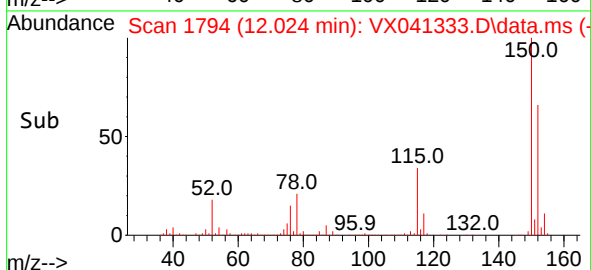
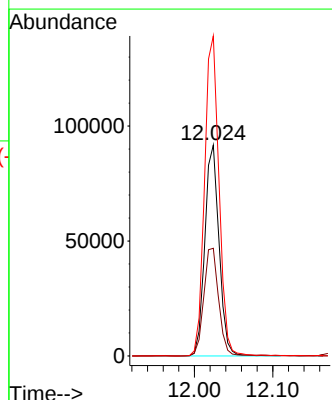
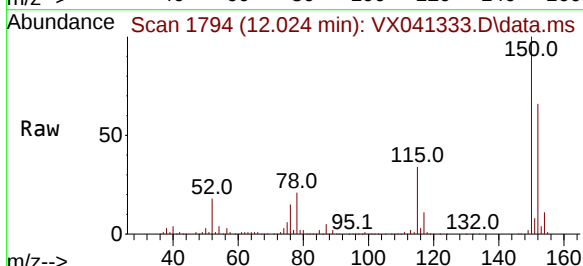
Tgt Ion:152 Resp: 115651

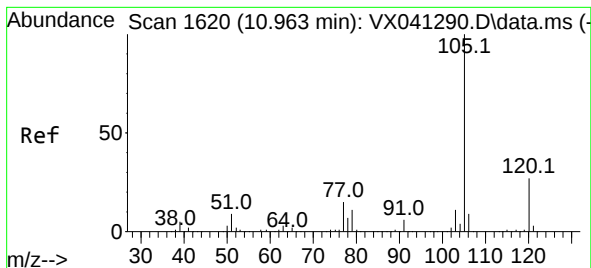
Ion Ratio Lower Upper

152 100

115 53.6 43.3 129.9

150 154.0 0.0 345.0





#73

Isopropylbenzene

Concen: 2.823 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX041333.D

Acq: 01 May 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

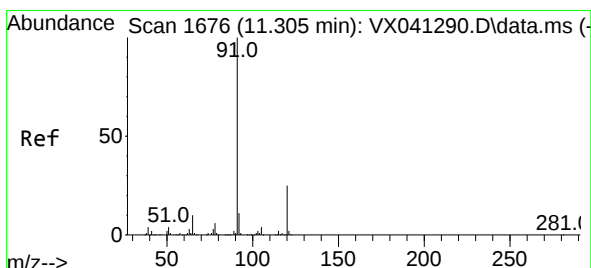
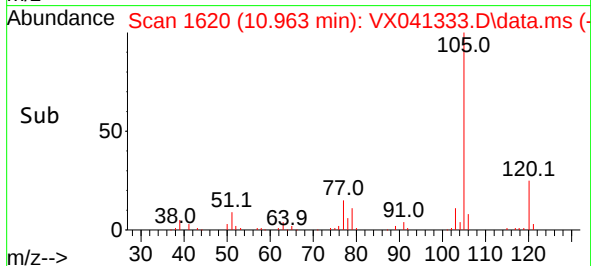
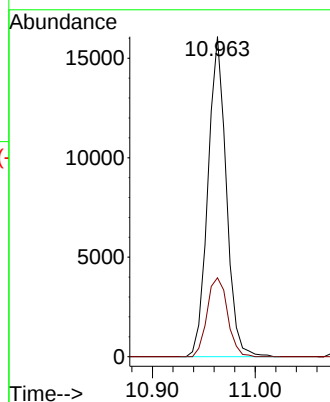
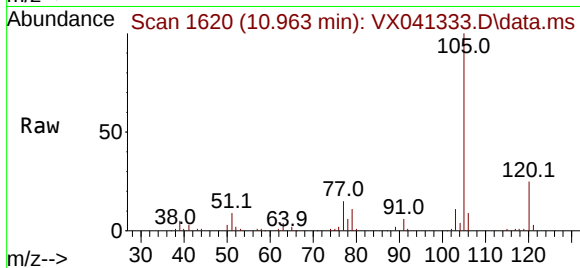
T11-MW-10-8.0-042324

Tgt Ion:105 Resp: 19932

Ion Ratio Lower Upper

105 100

120 27.4 12.9 38.6



#78

n-propylbenzene

Concen: 0.705 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041333.D

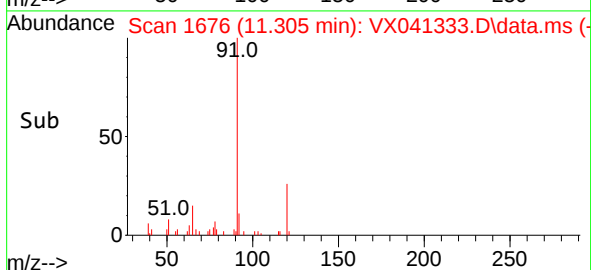
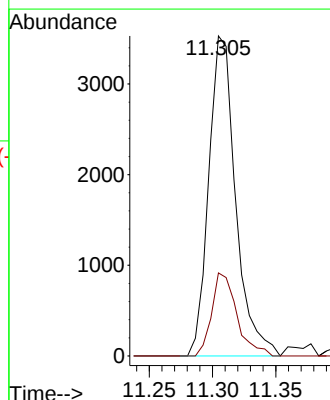
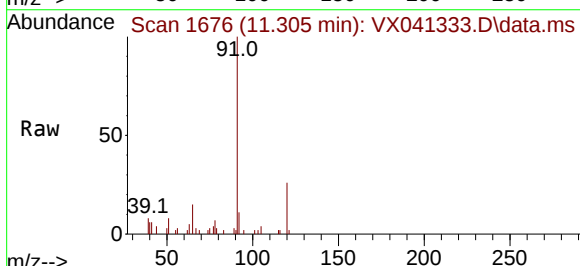
Acq: 01 May 2024 17:49

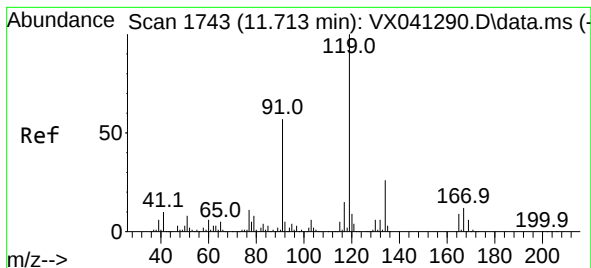
Tgt Ion: 91 Resp: 5224

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4





#83

tert-Butylbenzene

Concen: 0.803 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041333.D

Acq: 01 May 2024 17:49

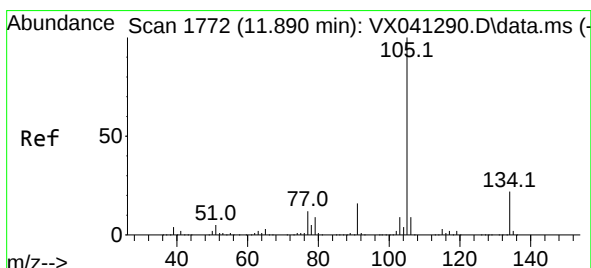
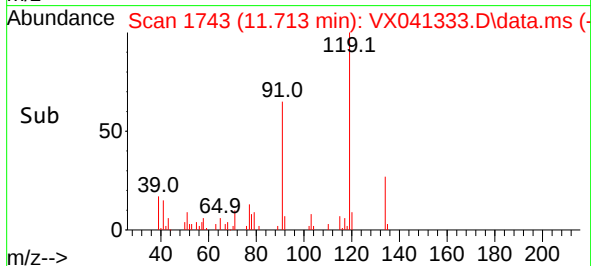
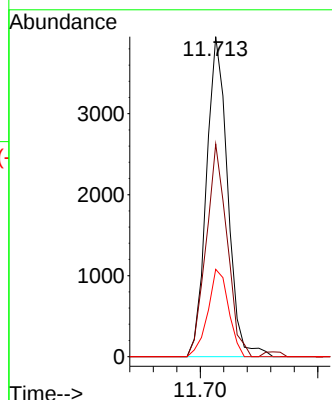
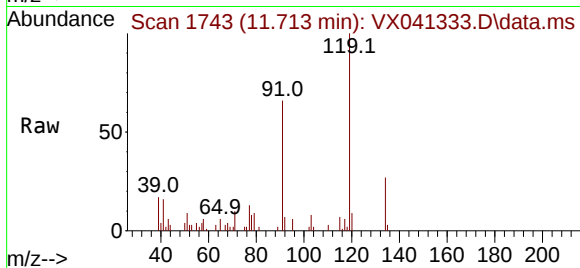
Instrument :

MSVOA_X

ClientSampleId :

T11-MW-10-8.0-042324

Tgt Ion:	119	Resp:	4947
Ion	Ratio	Lower	Upper
119	100		
91	65.7	31.2	93.6
134	26.8	11.7	35.0



#85

sec-Butylbenzene

Concen: 2.678 ug/l

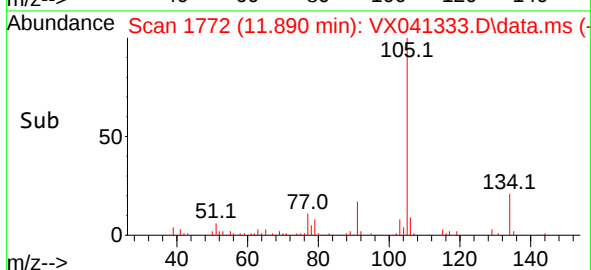
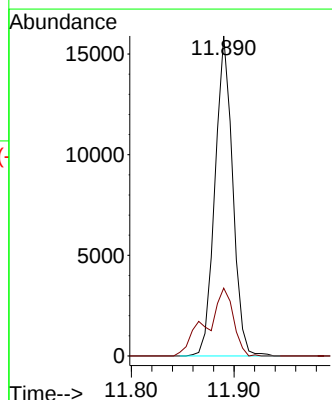
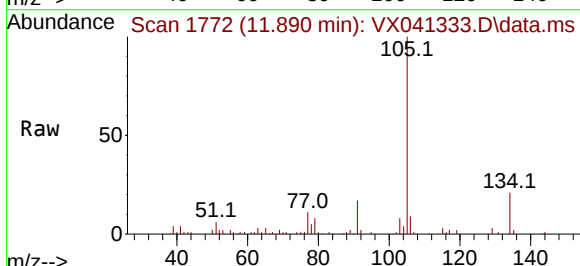
RT: 11.890 min Scan# 1772

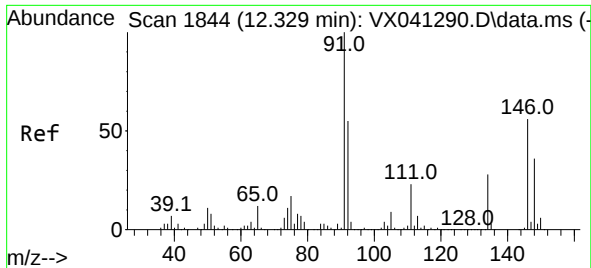
Delta R.T. -0.000 min

Lab File: VX041333.D

Acq: 01 May 2024 17:49

Tgt Ion:	105	Resp:	18915
Ion	Ratio	Lower	Upper
105	100		
134	32.3	9.8	29.4





#89
 n-Butylbenzene
 Concen: 0.802 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX041333.D
 Acq: 01 May 2024 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-10-8.0-042324

Tgt Ion: 91	Resp:	4090
Ion	Ratio	Lower Upper
91	100	
92	47.1	27.4 82.0
134	41.7	12.6 37.8

