

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032210.D
 Acq On : 19 Oct 2022 16:13
 Operator : JC/MD
 Sample : N5170-02ME
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1594ME

Quant Time: Oct 19 16:57:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

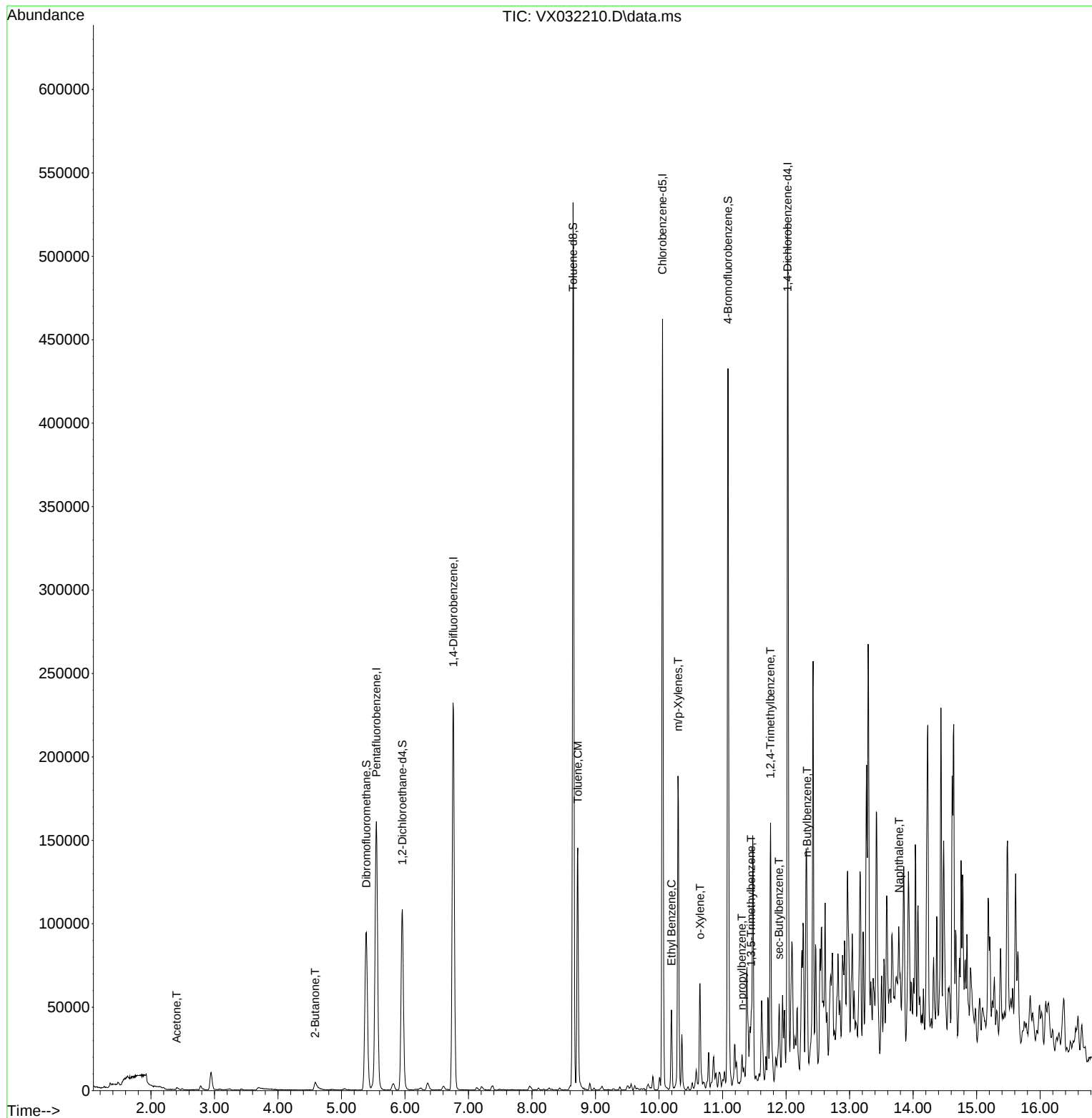
Internal Standards						
1) Pentafluorobenzene	5.549	168	152114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104633	52.876	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.760%	
35) Dibromofluoromethane	5.391	113	80960	48.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.440%	
50) Toluene-d8	8.646	98	314643	52.598	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	11.085	95	109551	50.012	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.020%	
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	1530	2.383	ug/l	99
25) 2-Butanone	4.586	43	10526	10.499	ug/l	97
52) Toluene	8.720	92	54169	13.497	ug/l	98
67) Ethyl Benzene	10.195	91	26709	3.537	ug/l	100
68) m/p-Xylenes	10.299	106	43420	14.558	ug/l	99
69) o-Xylene	10.646	106	15031	5.261	ug/l	93
78) n-propylbenzene	11.305	91	11591	1.368	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	15921	2.491	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	62662	10.083	ug/l	99
85) sec-Butylbenzene	11.890	105	8782	1.136	ug/l	90
89) n-Butylbenzene	12.329	91	22867	3.948	ug/l #	52
95) Naphthalene	13.780	128	32234	4.511	ug/l	96

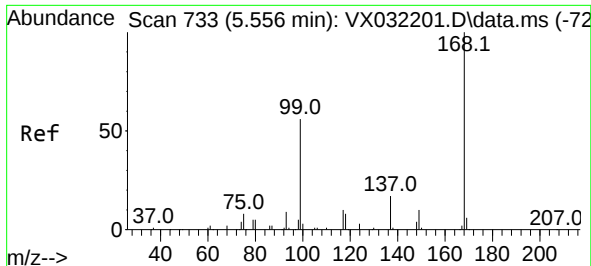
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 19 16:57:07 2022
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Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration

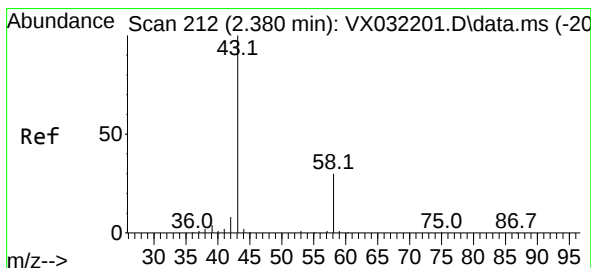
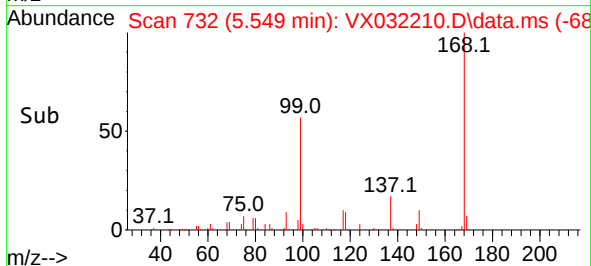
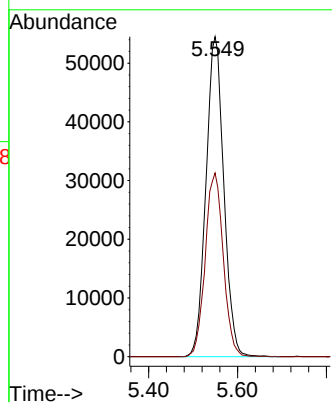
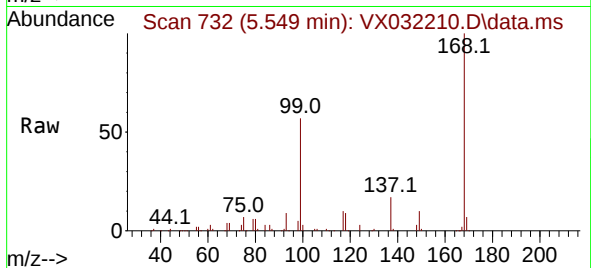




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX032210.D
Acq: 19 Oct 2022 16:13

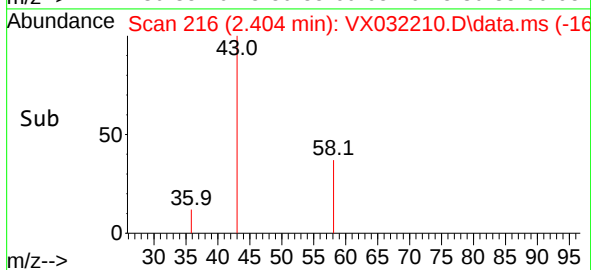
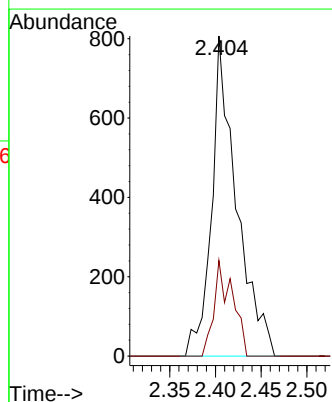
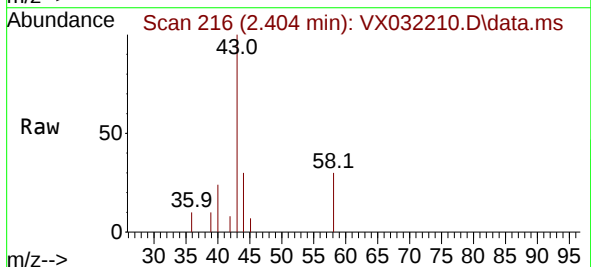
Instrument :
MSVOA_X
ClientSampleId :
TRE-1594ME

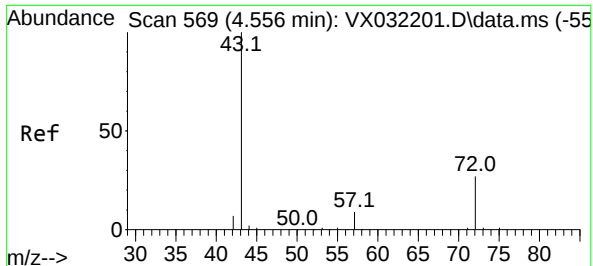
Tgt Ion:168 Resp: 152114
Ion Ratio Lower Upper
168 100
99 57.4 44.8 67.2



#16
Acetone
Concen: 2.383 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.024 min
Lab File: VX032210.D
Acq: 19 Oct 2022 16:13

Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 29.9 24.2 36.2

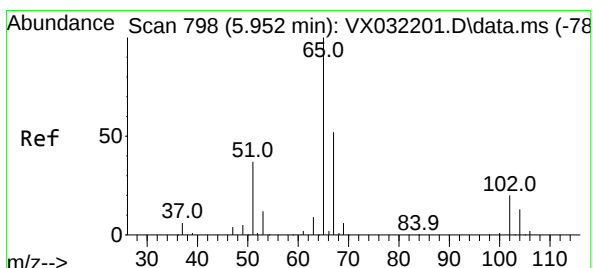
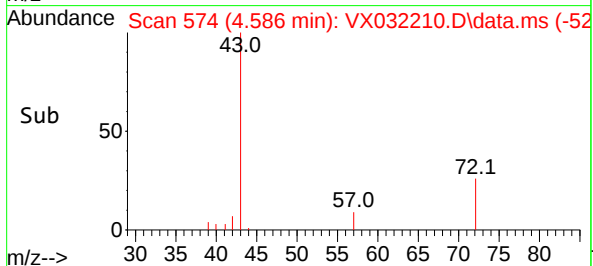
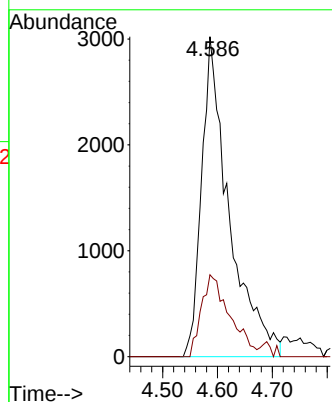
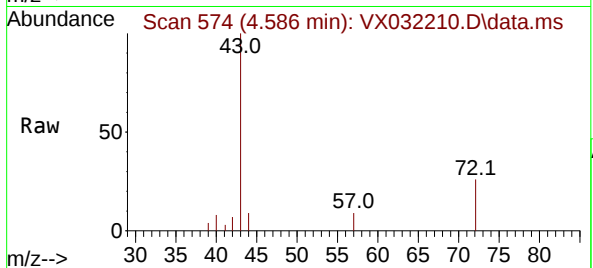




#25
2-Butanone
Concen: 10.499 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX032210.D
Acq: 19 Oct 2022 16:13

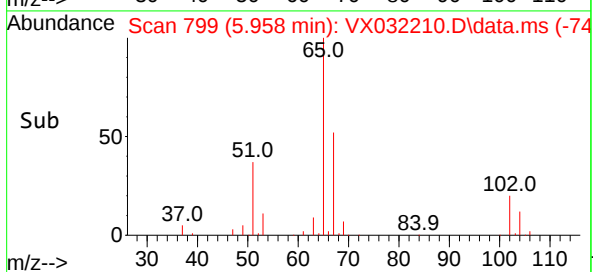
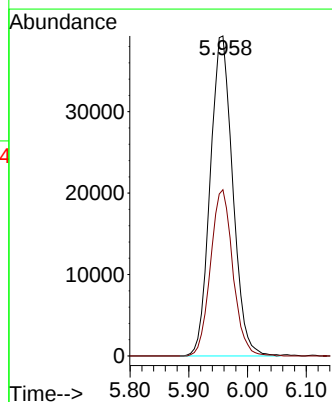
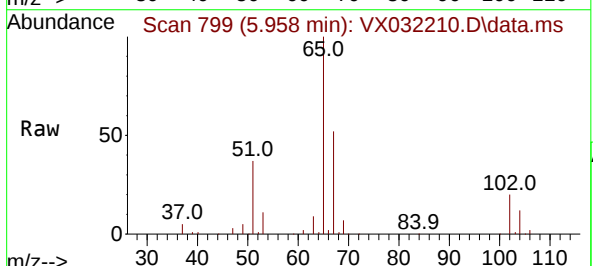
Instrument :
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TRE-1594ME

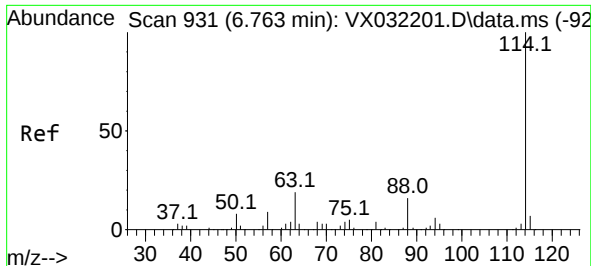
Tgt Ion: 43 Resp: 10526
Ion Ratio Lower Upper
43 100
72 25.6 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 52.876 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032210.D
Acq: 19 Oct 2022 16:13

Tgt Ion: 65 Resp: 104633
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.6

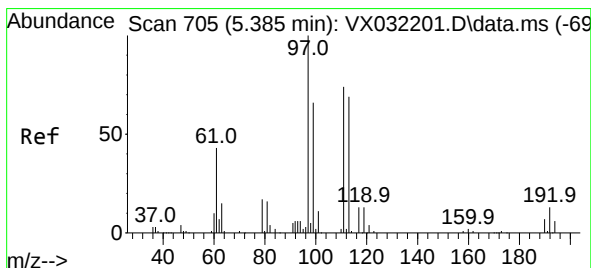
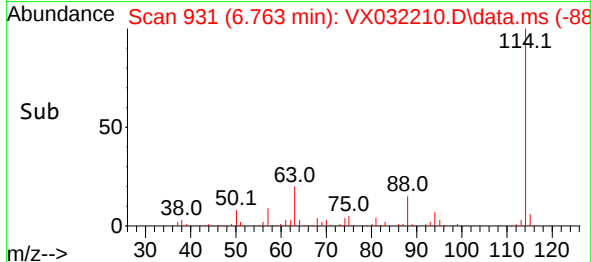
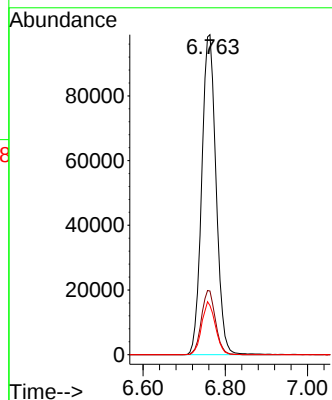
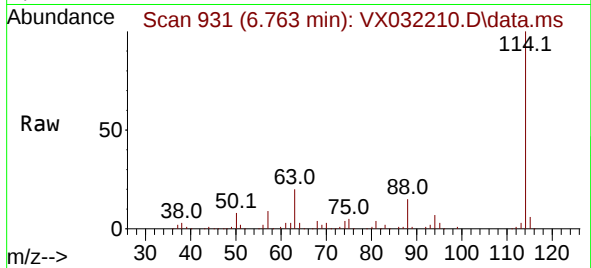




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032210.D
Acq: 19 Oct 2022 16:13

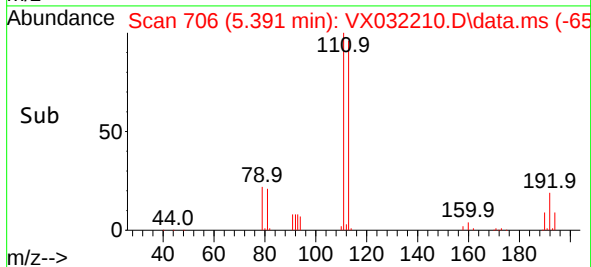
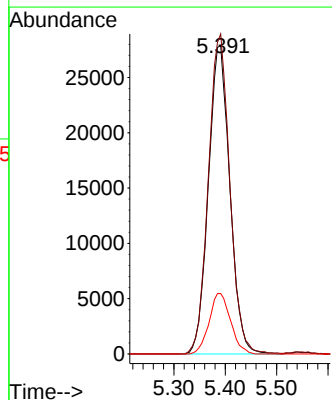
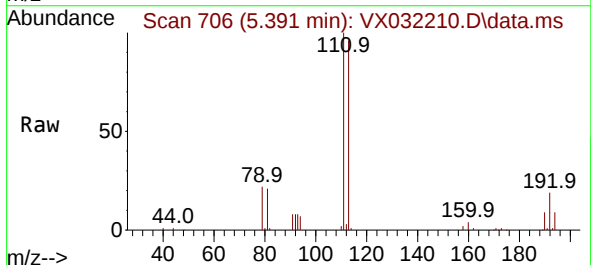
Instrument :
MSVOA_X
ClientSampleId :
TRE-1594ME

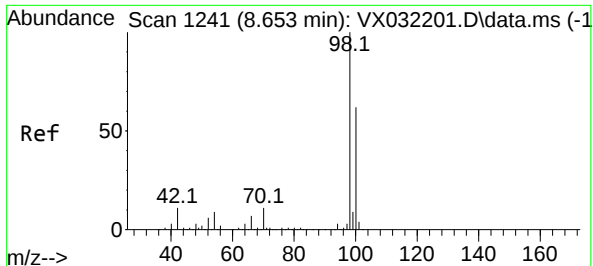
Tgt Ion:114 Resp: 238811
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.6
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.718 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032210.D
Acq: 19 Oct 2022 16:13

Tgt Ion:113 Resp: 80960
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 19.6 15.5 23.3





#50

Toluene-d8

Concen: 52.598 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.007 min

Lab File: VX032210.D

Acq: 19 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

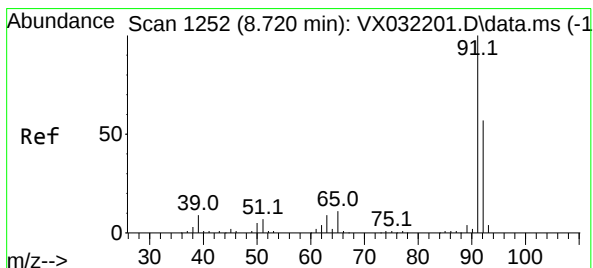
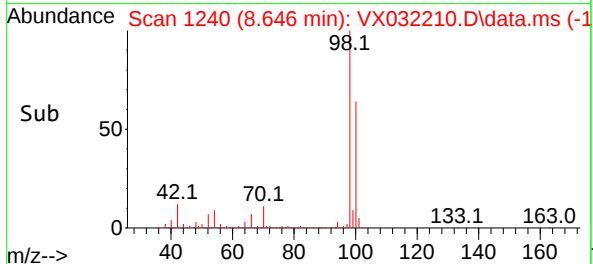
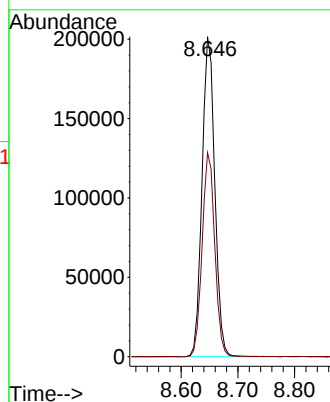
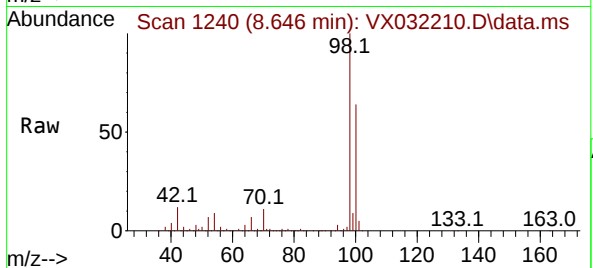
TRE-1594ME

Tgt Ion: 98 Resp: 314643

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#52

Toluene

Concen: 13.497 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032210.D

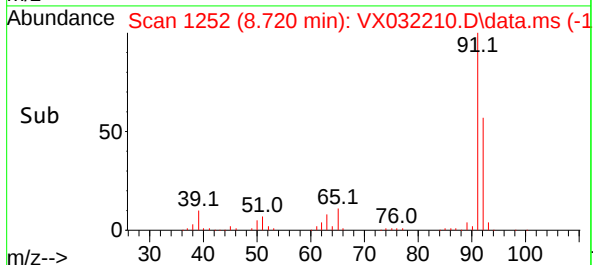
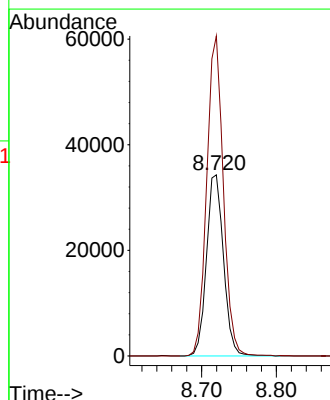
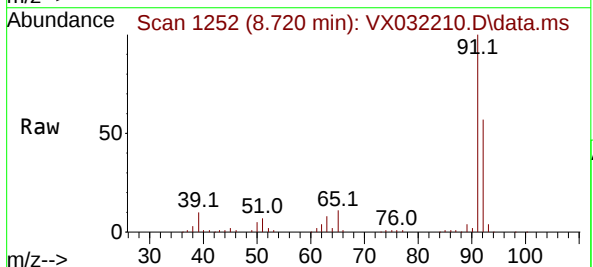
Acq: 19 Oct 2022 16:13

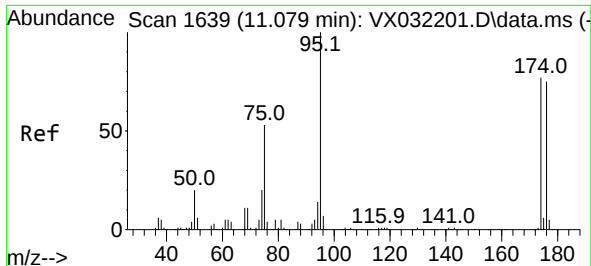
Tgt Ion: 92 Resp: 54169

Ion Ratio Lower Upper

92 100

91 172.2 140.3 210.5





#62

4-Bromofluorobenzene

Concen: 50.012 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX032210.D

Acq: 19 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

TRE-1594ME

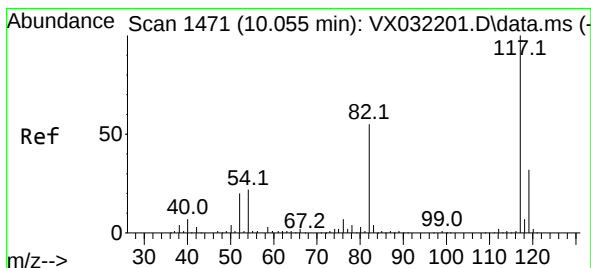
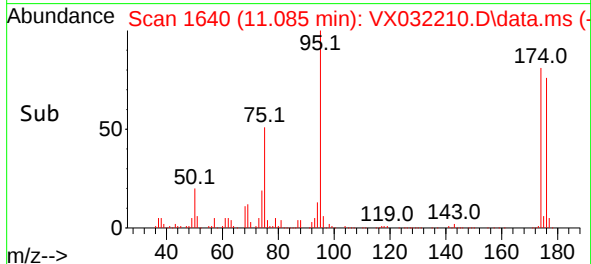
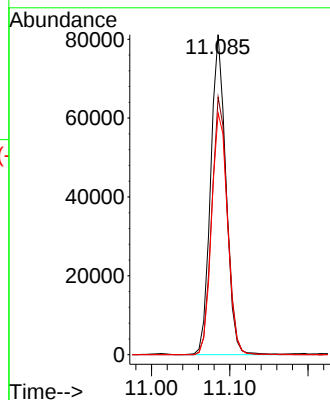
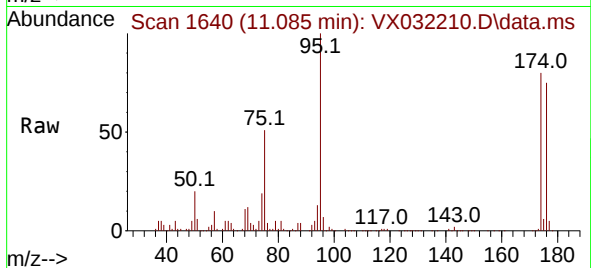
Tgt Ion: 95 Resp: 109551

Ion Ratio Lower Upper

95 100

174 82.9 0.0 166.8

176 79.1 0.0 161.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032210.D

Acq: 19 Oct 2022 16:13

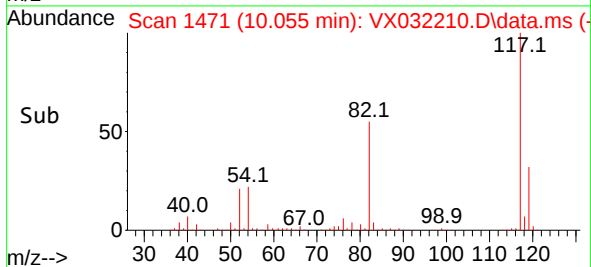
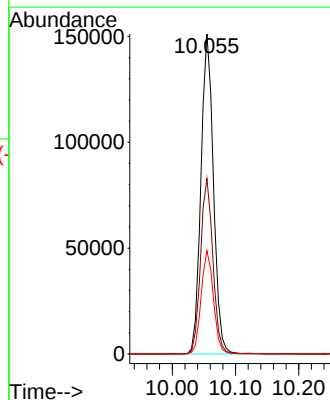
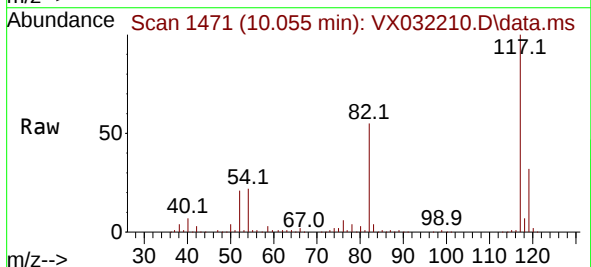
Tgt Ion: 117 Resp: 208054

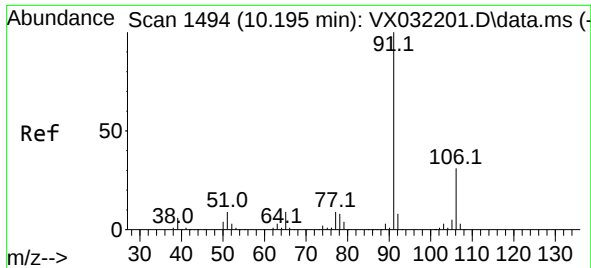
Ion Ratio Lower Upper

117 100

82 54.7 44.2 66.4

119 32.3 25.8 38.8

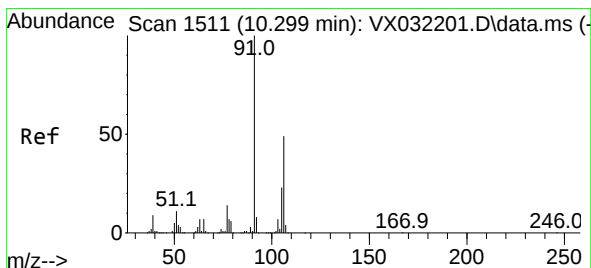
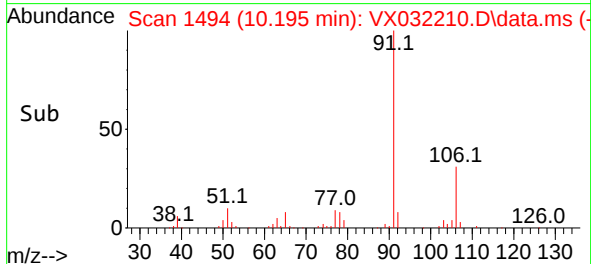
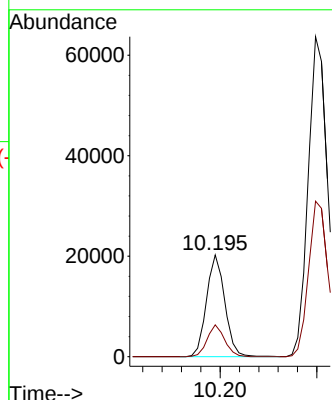
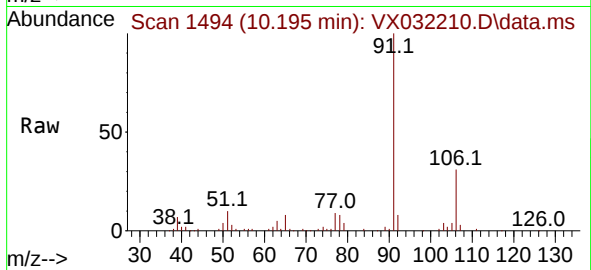




#67
Ethyl Benzene
Concen: 3.537 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032210.D
Acq: 19 Oct 2022 16:13

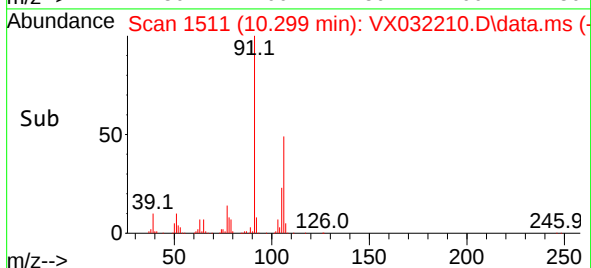
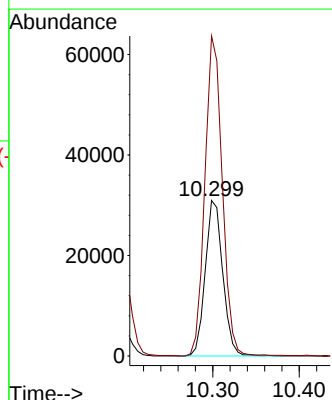
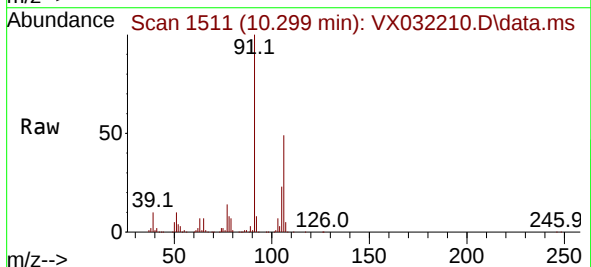
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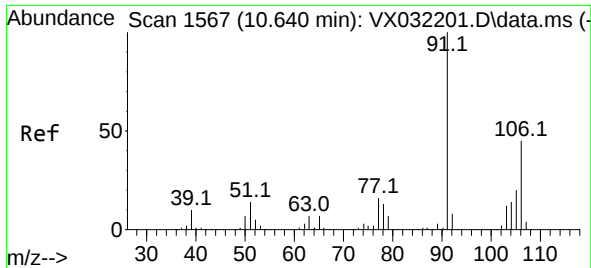
Tgt Ion: 91 Resp: 26709
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4



#68
m/p-Xylenes
Concen: 14.558 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX032210.D
Acq: 19 Oct 2022 16:13

Tgt Ion: 106 Resp: 43420
Ion Ratio Lower Upper
106 100
91 205.2 162.6 244.0

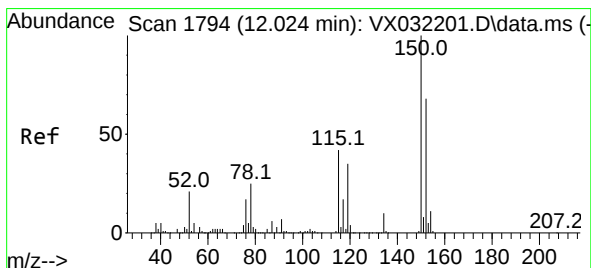
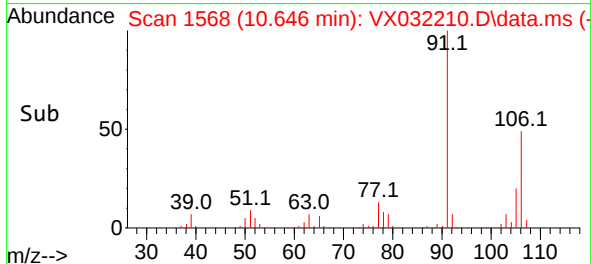
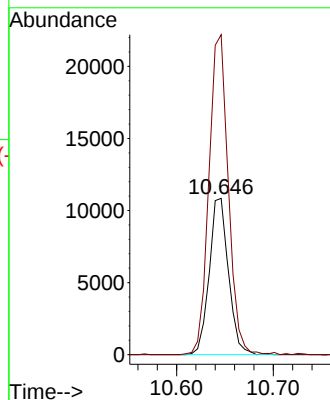
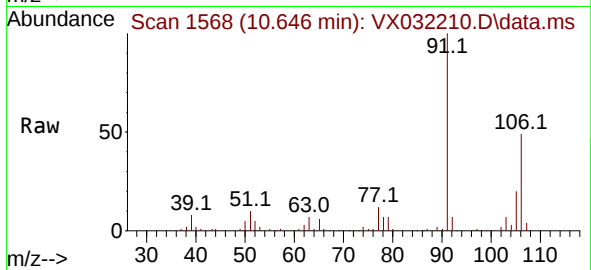




#69
o-Xylene
Concen: 5.261 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032210.D
Acq: 19 Oct 2022 16:13

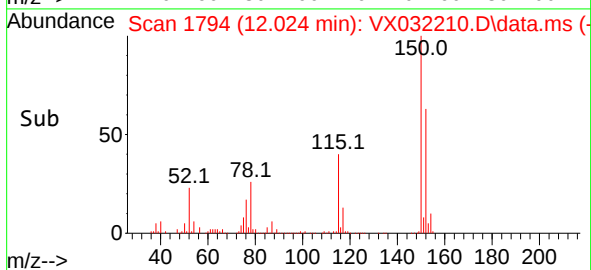
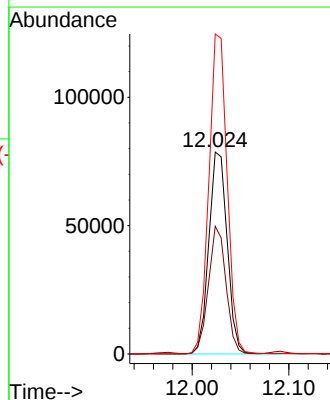
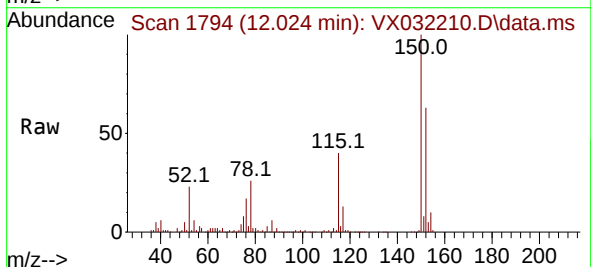
Instrument :
MSVOA_X
ClientSampleId :
TRE-1594ME

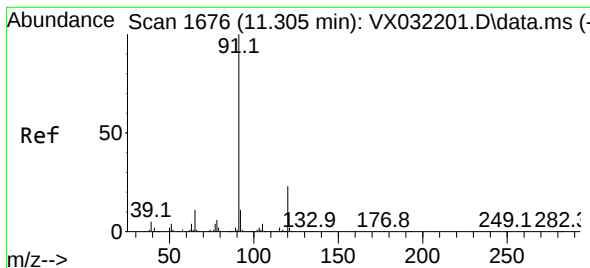
Tgt Ion:106 Resp: 15031
Ion Ratio Lower Upper
106 100
91 205.8 108.3 324.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032210.D
Acq: 19 Oct 2022 16:13

Tgt Ion:152 Resp: 103712
Ion Ratio Lower Upper
152 100
115 60.2 43.1 129.4
150 157.8 0.0 348.6





#78

n-propylbenzene

Concen: 1.368 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX032210.D

Acq: 19 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

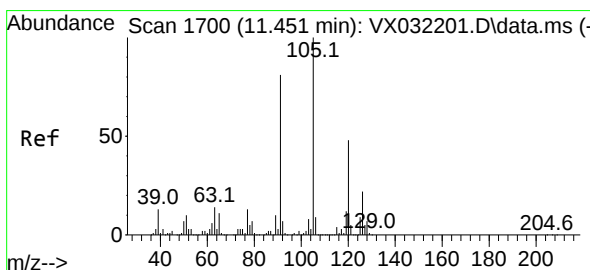
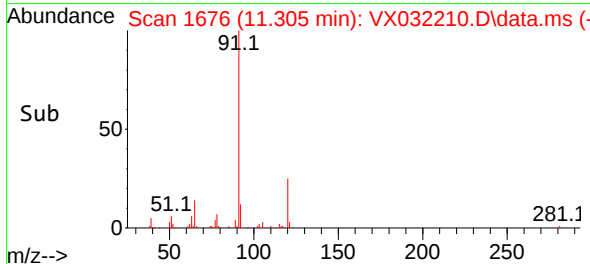
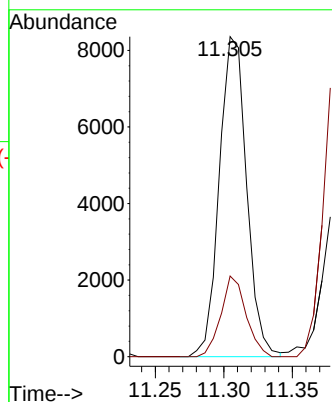
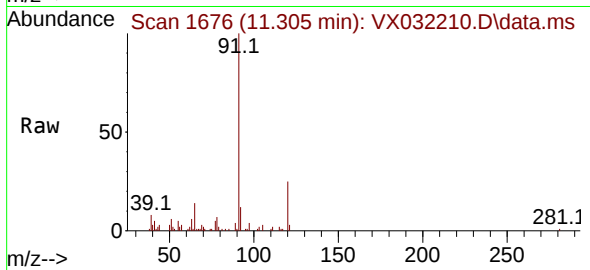
TRE-1594ME

Tgt Ion: 91 Resp: 11591

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8



#80

1,3,5-Trimethylbenzene

Concen: 2.491 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX032210.D

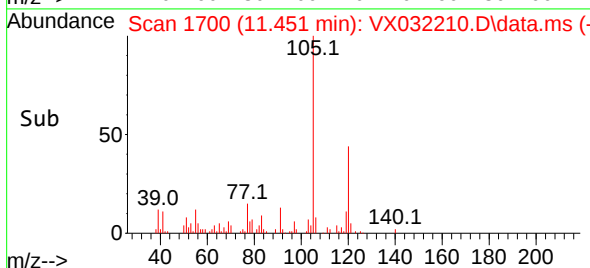
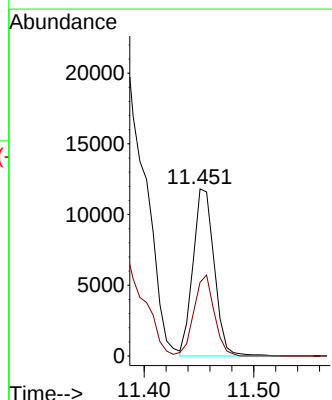
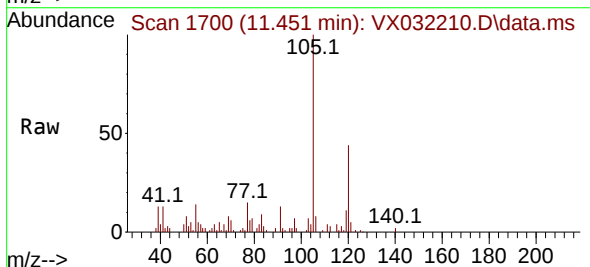
Acq: 19 Oct 2022 16:13

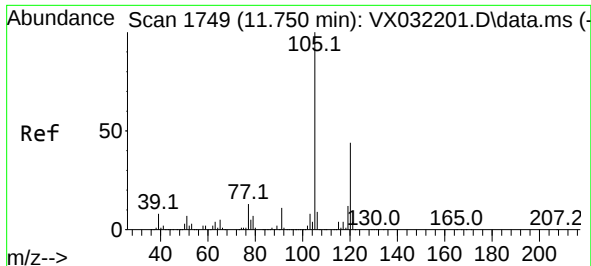
Tgt Ion: 105 Resp: 15921

Ion Ratio Lower Upper

105 100

120 46.4 23.5 70.6

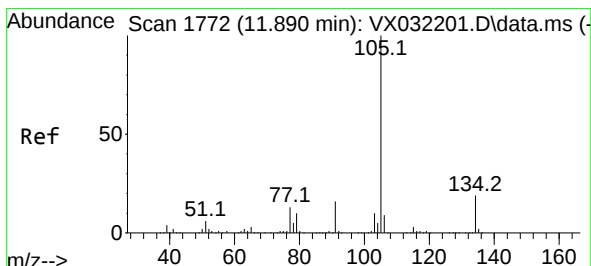
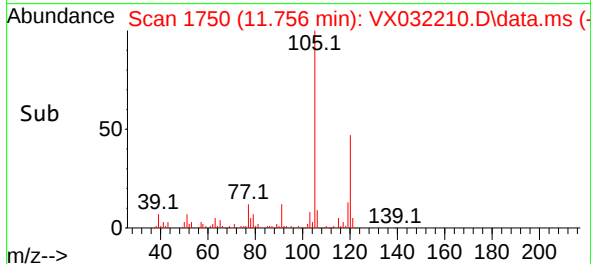
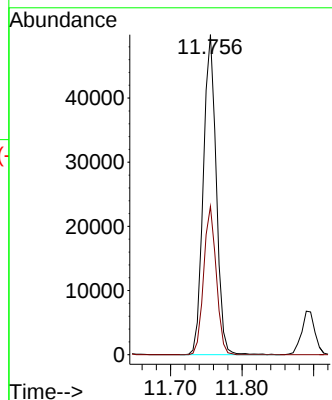
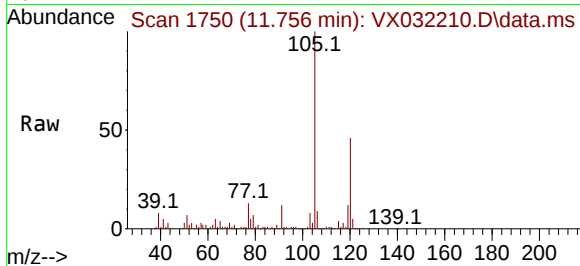




#84
1,2,4-Trimethylbenzene
Concen: 10.083 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX032210.D
Acq: 19 Oct 2022 16:13

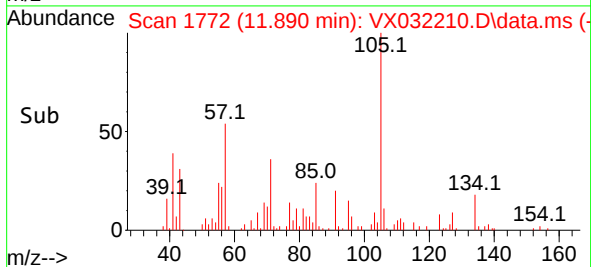
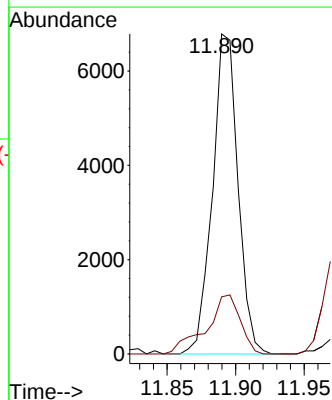
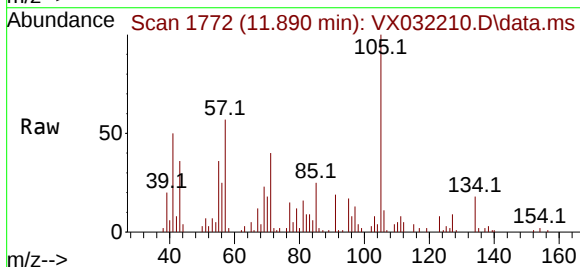
Instrument :
MSVOA_X
ClientSampleId :
TRE-1594ME

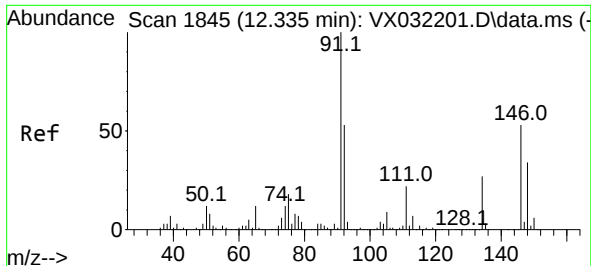
Tgt Ion:105 Resp: 62662
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.1



#85
sec-Butylbenzene
Concen: 1.136 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX032210.D
Acq: 19 Oct 2022 16:13

Tgt Ion:105 Resp: 8782
Ion Ratio Lower Upper
105 100
134 24.6 10.1 30.3





#89

n-Butylbenzene

Concen: 3.948 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX032210.D

Acq: 19 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

TRE-1594ME

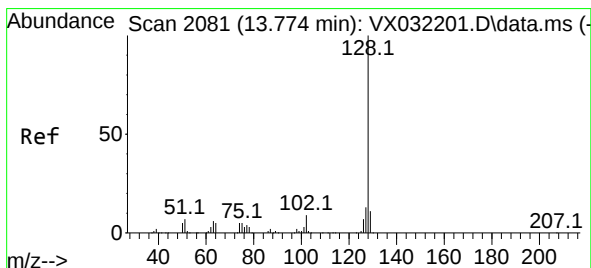
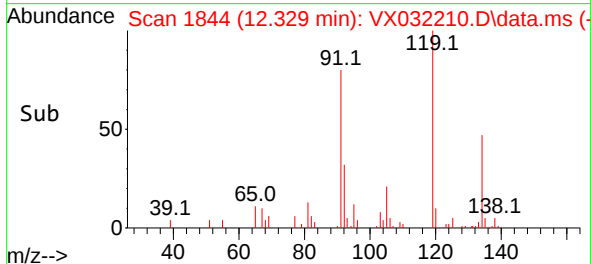
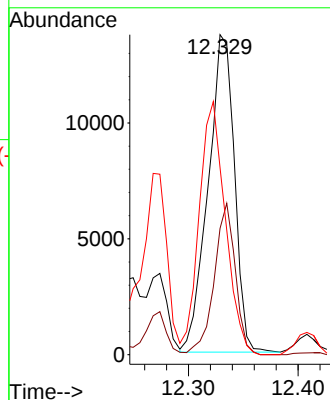
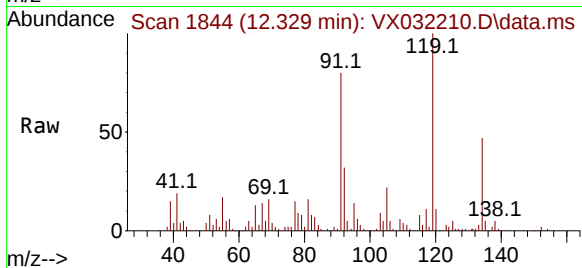
Tgt Ion: 91 Resp: 22867

Ion Ratio Lower Upper

91 100

92 38.3 26.3 78.9

134 79.0 13.0 39.0#



#95

Naphthalene

Concen: 4.511 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX032210.D

Acq: 19 Oct 2022 16:13

Tgt Ion:128 Resp: 32234

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 12.8 8.7 13.1

