

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032219.D
 Acq On : 19 Oct 2022 19:42
 Operator : JC/MD
 Sample : N5170-06 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1664

Quant Time: Oct 20 04:30:38 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)

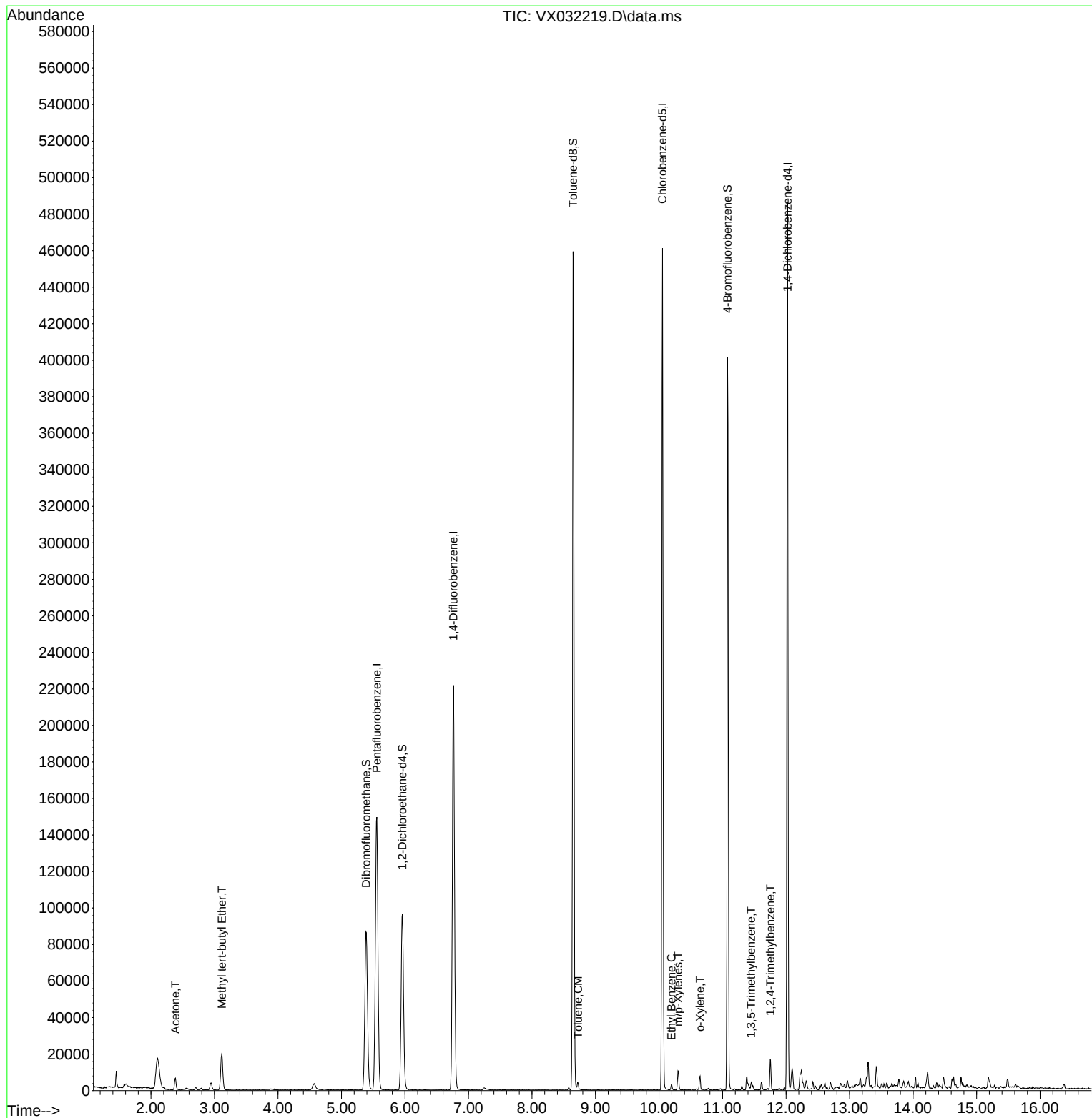
Internal Standards						
1) Pentafluorobenzene	5.556	168	142164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96113	51.970	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.940%
35) Dibromofluoromethane	5.385	113	75017	48.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	8.647	98	278160	49.484	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.960%
62) 4-Bromofluorobenzene	11.079	95	99402	48.291	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.580%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	7349	12.245	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	22180	5.073	ug/l	97
52) Toluene	8.726	92	1537	0.408	ug/l	98
67) Ethyl Benzene	10.195	91	2056	0.283	ug/l	99
68) m/p-Xylenes	10.299	106	2666	0.930	ug/l	97
69) o-Xylene	10.646	106	1773	0.646	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	1818	0.308	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	7640	1.331	ug/l	98

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

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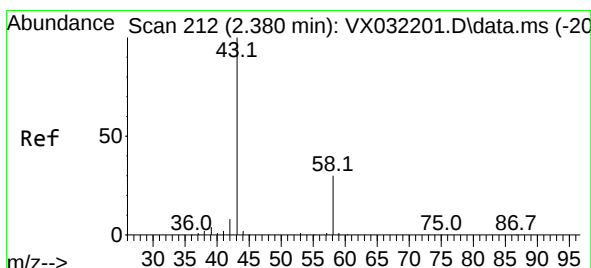
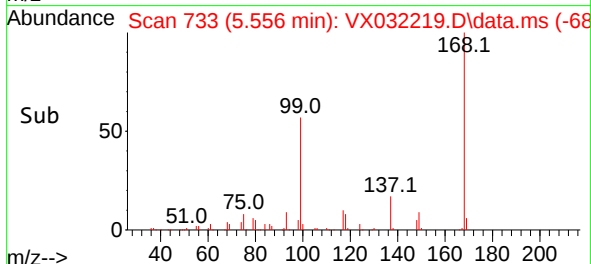
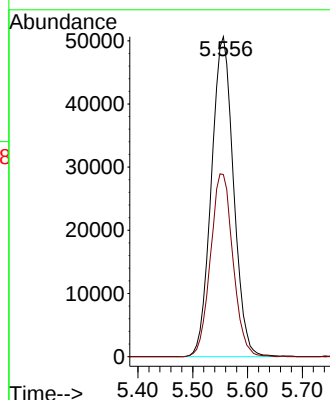
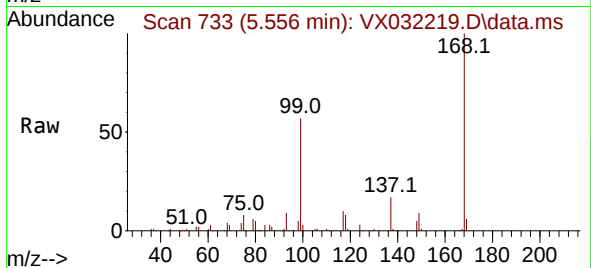




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032219.D
Acq: 19 Oct 2022 19:42

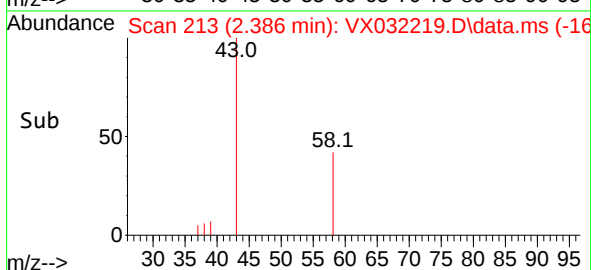
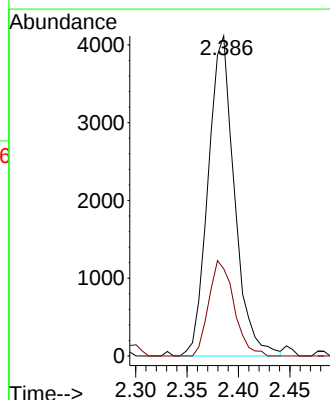
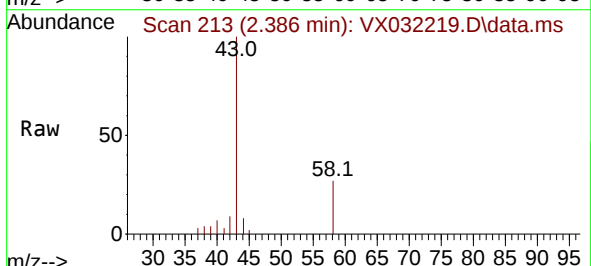
Instrument :
MSVOA_X
ClientSampleId :
TRE-1664

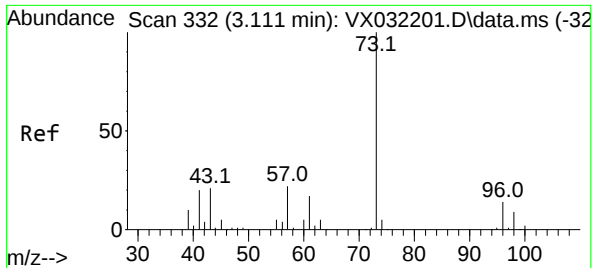
Tgt Ion:168 Resp: 142164
Ion Ratio Lower Upper
168 100
99 56.9 44.8 67.2



#16
Acetone
Concen: 12.245 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032219.D
Acq: 19 Oct 2022 19:42

Tgt Ion: 43 Resp: 7349
Ion Ratio Lower Upper
43 100
58 27.2 24.2 36.2

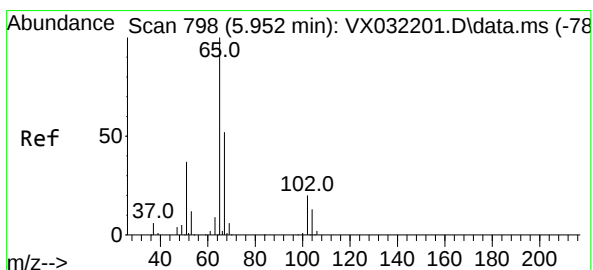
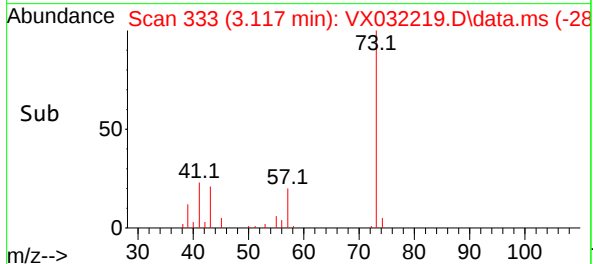
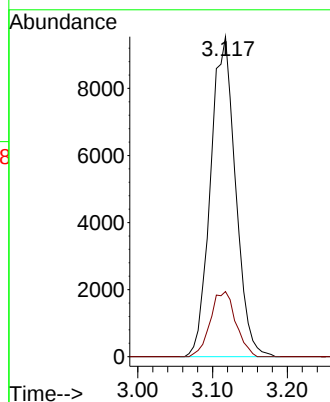
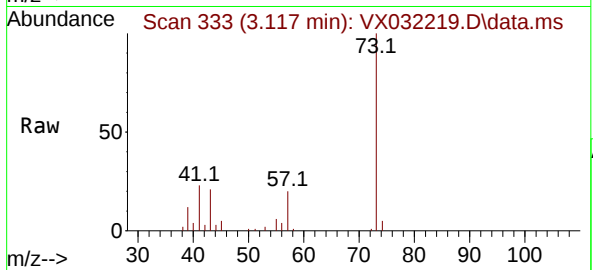




#19
Methyl tert-butyl Ether
Concen: 5.073 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX032219.D
Acq: 19 Oct 2022 19:42

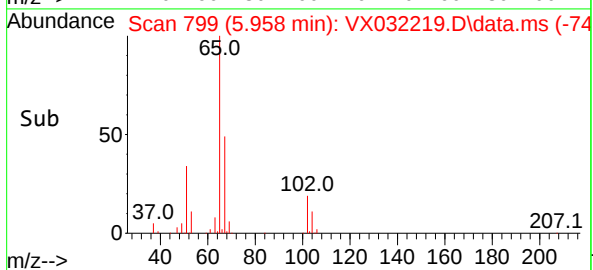
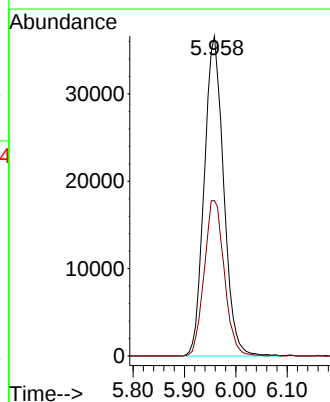
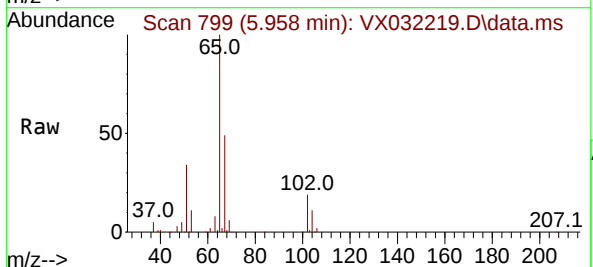
Instrument :
MSVOA_X
ClientSampleId :
TRE-1664

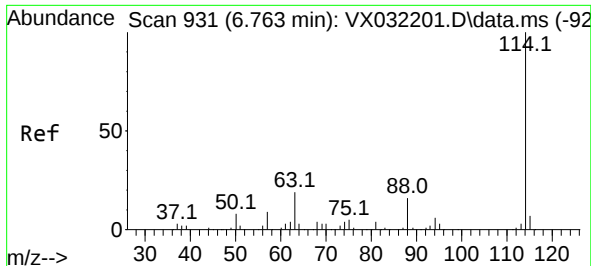
Tgt Ion: 73 Resp: 22180
Ion Ratio Lower Upper
73 100
57 20.3 17.4 26.2



#33
1,2-Dichloroethane-d4
Concen: 51.970 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032219.D
Acq: 19 Oct 2022 19:42

Tgt Ion: 65 Resp: 96113
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.6

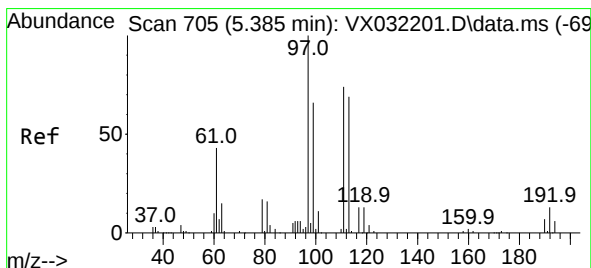
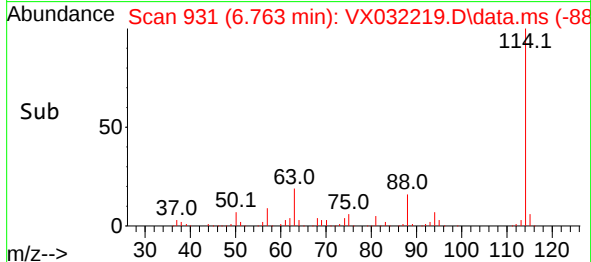
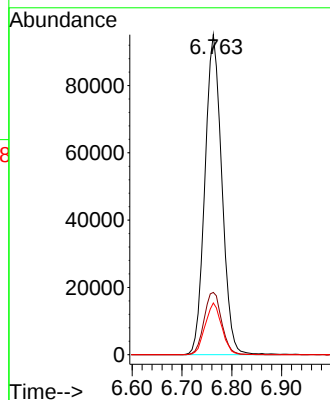
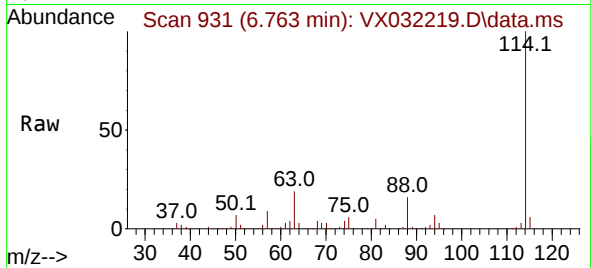




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032219.D
Acq: 19 Oct 2022 19:42

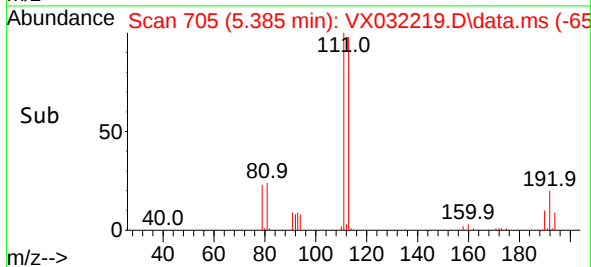
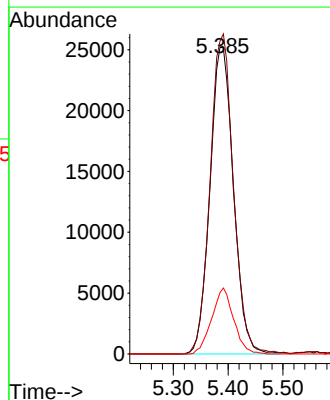
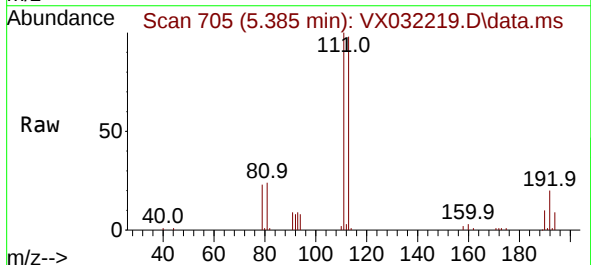
Instrument :
MSVOA_X
ClientSampleId :
TRE-1664

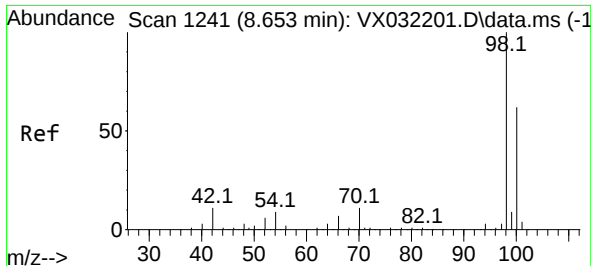
Tgt Ion:114 Resp: 224406
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 16.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.040 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032219.D
Acq: 19 Oct 2022 19:42

Tgt Ion:113 Resp: 75017
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 20.1 15.5 23.3

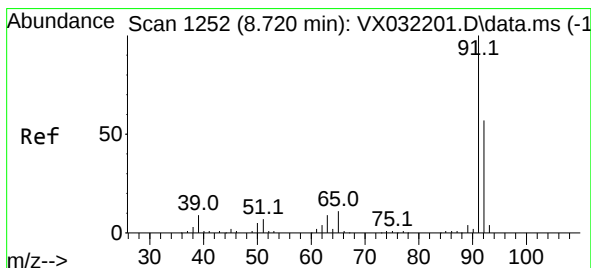
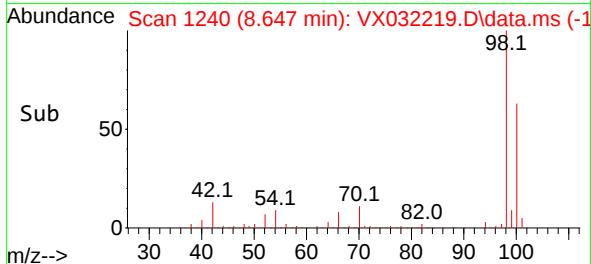
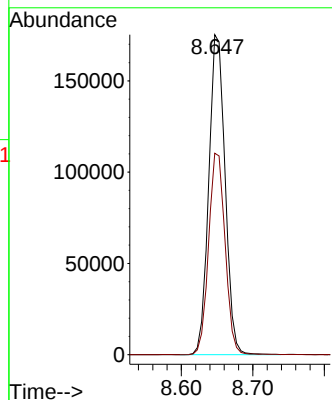
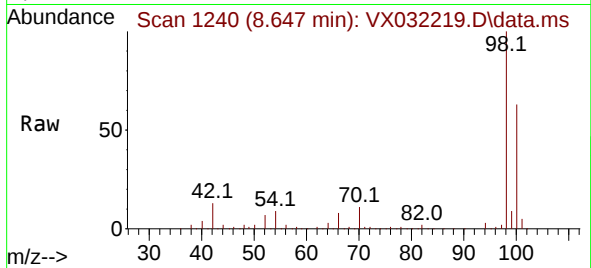




#50
Toluene-d8
Concen: 49.484 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032219.D
Acq: 19 Oct 2022 19:42

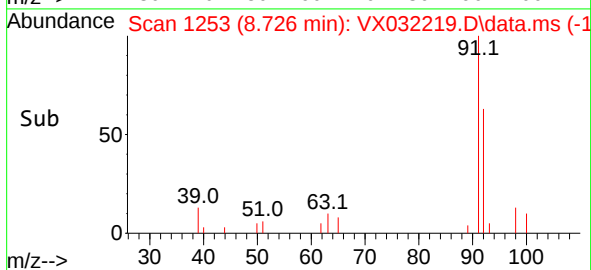
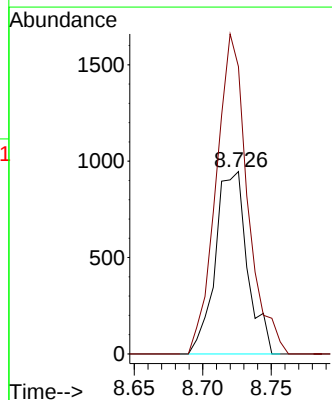
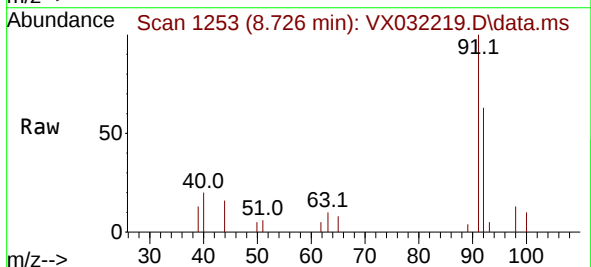
Instrument :
MSVOA_X
ClientSampleId :
TRE-1664

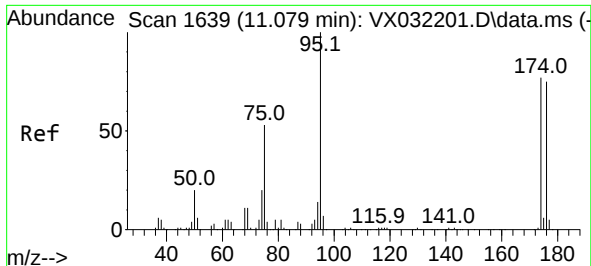
Tgt Ion: 98 Resp: 278160
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#52
Toluene
Concen: 0.408 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX032219.D
Acq: 19 Oct 2022 19:42

Tgt Ion: 92 Resp: 1537
Ion Ratio Lower Upper
92 100
91 172.7 140.3 210.5





#62

4-Bromofluorobenzene

Concen: 48.291 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032219.D

Acq: 19 Oct 2022 19:42

Instrument :

MSVOA_X

ClientSampleId :

TRE-1664

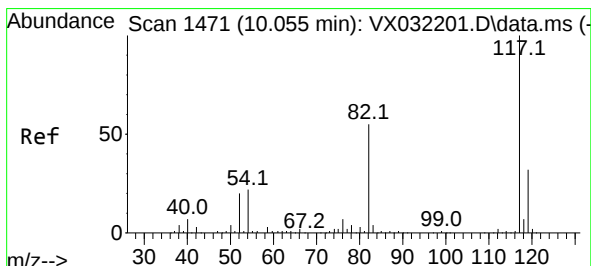
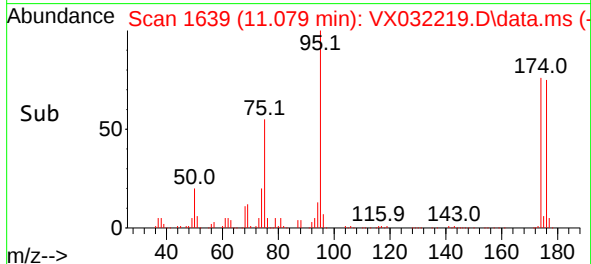
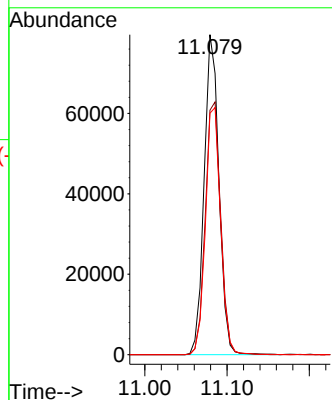
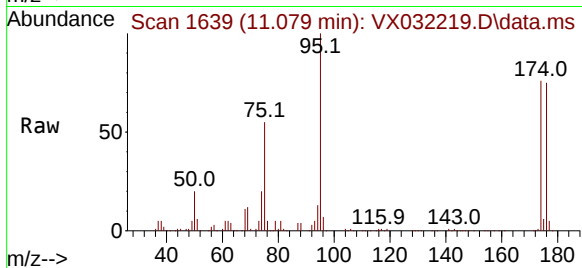
Tgt Ion: 95 Resp: 99402

Ion Ratio Lower Upper

95 100

174 82.6 0.0 166.8

176 79.5 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: VX032219.D

Acq: 19 Oct 2022 19:42

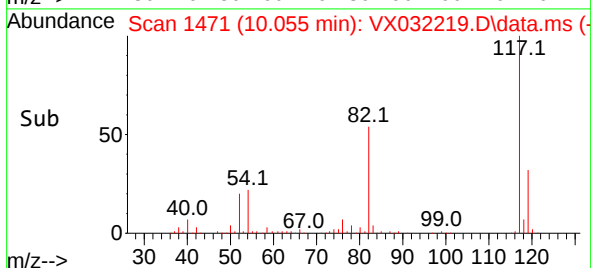
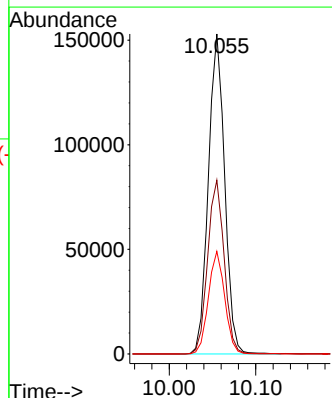
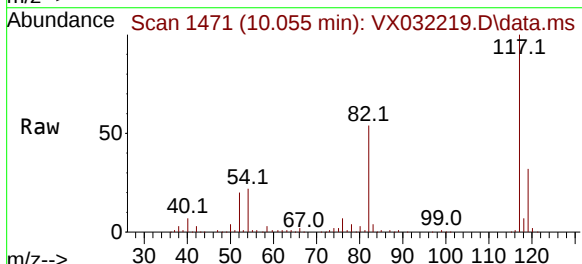
Tgt Ion: 117 Resp: 199903

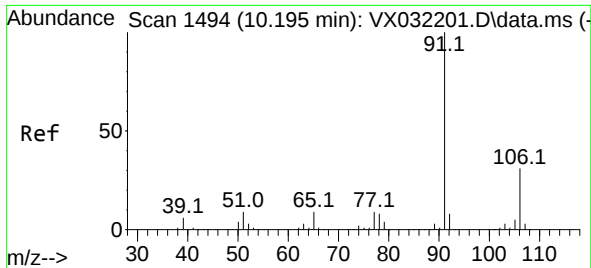
Ion Ratio Lower Upper

117 100

82 54.3 44.2 66.4

119 32.0 25.8 38.8

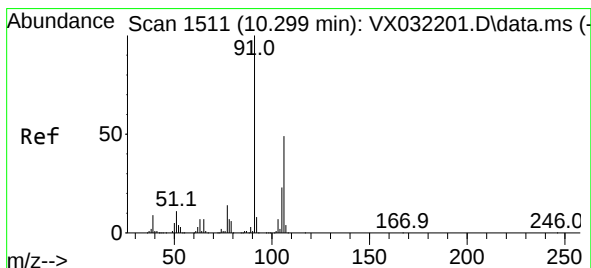
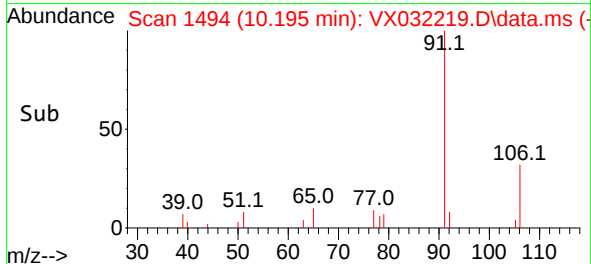
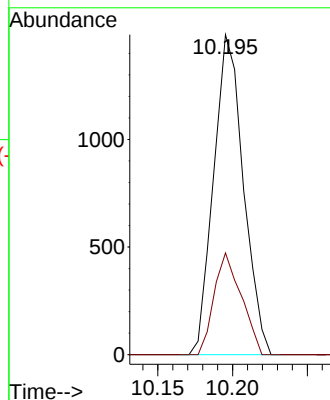
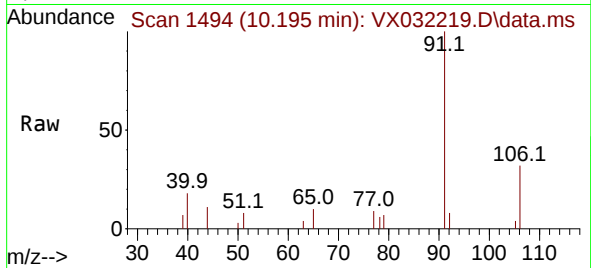




#67
Ethyl Benzene
Concen: 0.283 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032219.D
Acq: 19 Oct 2022 19:42

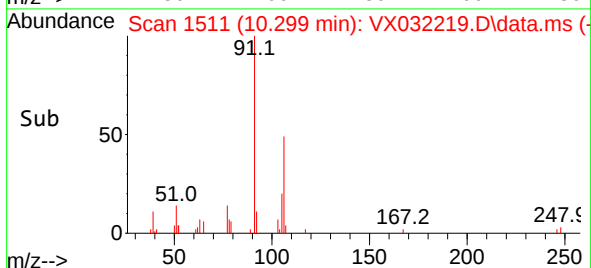
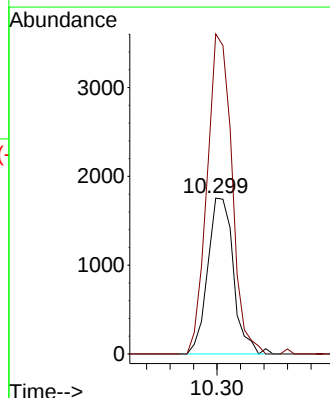
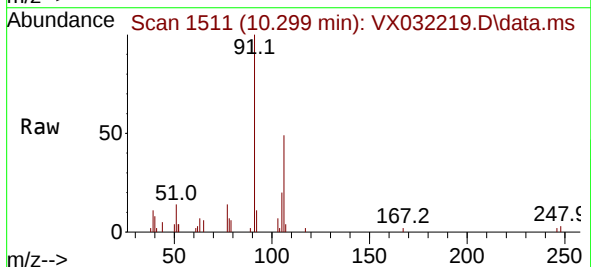
Instrument :
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TRE-1664

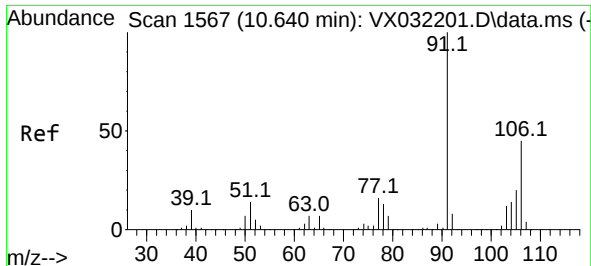
Tgt Ion: 91 Resp: 2056
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4



#68
m/p-Xylenes
Concen: 0.930 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX032219.D
Acq: 19 Oct 2022 19:42

Tgt Ion: 106 Resp: 2666
Ion Ratio Lower Upper
106 100
91 198.4 162.6 244.0





#69

o-Xylene

Concen: 0.646 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032219.D

Acq: 19 Oct 2022 19:42

Instrument :

MSVOA_X

ClientSampleId :

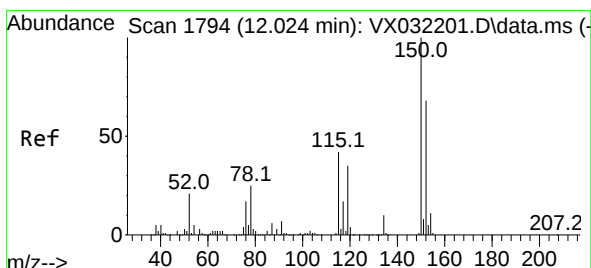
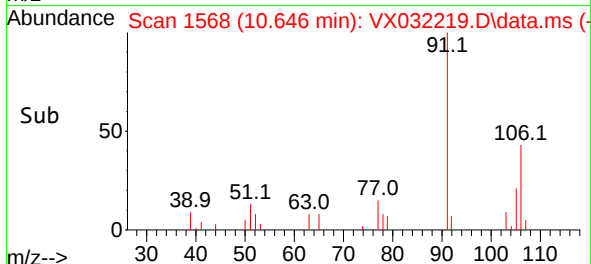
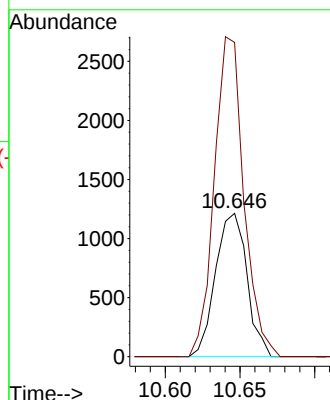
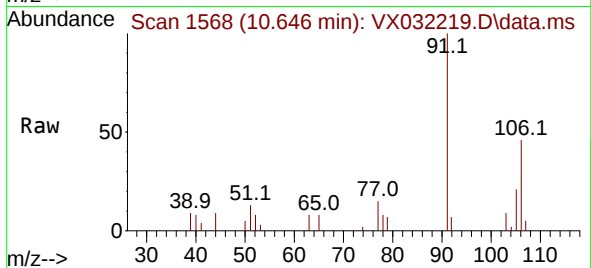
TRE-1664

Tgt Ion:106 Resp: 1773

Ion Ratio Lower Upper

106 100

91 210.0 108.3 324.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032219.D

Acq: 19 Oct 2022 19:42

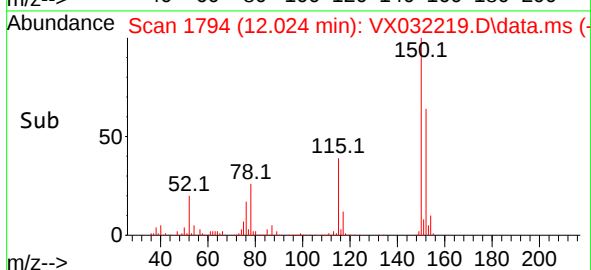
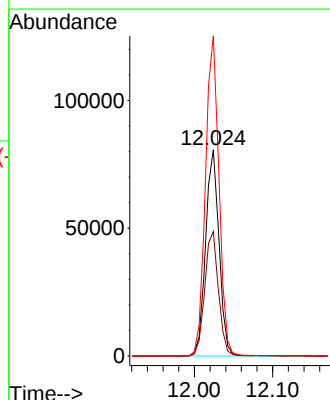
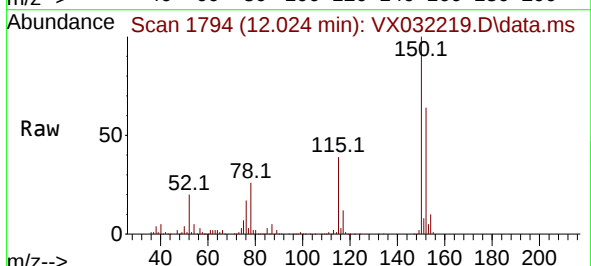
Tgt Ion:152 Resp: 95795

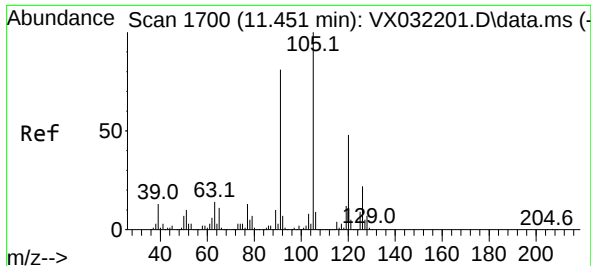
Ion Ratio Lower Upper

152 100

115 61.5 43.1 129.4

150 156.3 0.0 348.6

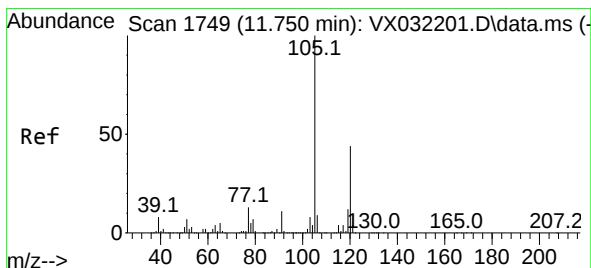
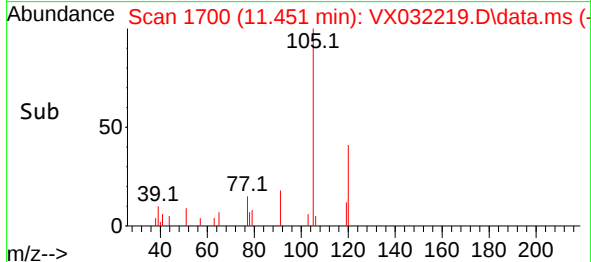
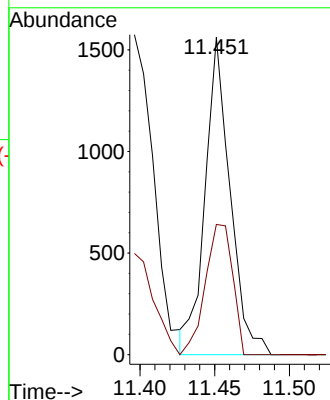
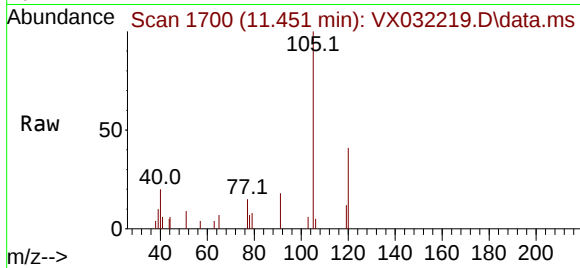




#80
1,3,5-Trimethylbenzene
Concen: 0.308 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032219.D
Acq: 19 Oct 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
TRE-1664

Tgt Ion:105 Resp: 1818
Ion Ratio Lower Upper
105 100
120 44.7 23.5 70.6



#84
1,2,4-Trimethylbenzene
Concen: 1.331 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032219.D
Acq: 19 Oct 2022 19:42

Tgt Ion:105 Resp: 7640
Ion Ratio Lower Upper
105 100
120 43.0 22.1 66.1

