

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032223.D
 Acq On : 19 Oct 2022 21:14
 Operator : JC/MD
 Sample : N5170-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1661

Quant Time: Oct 20 04:32:39 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)

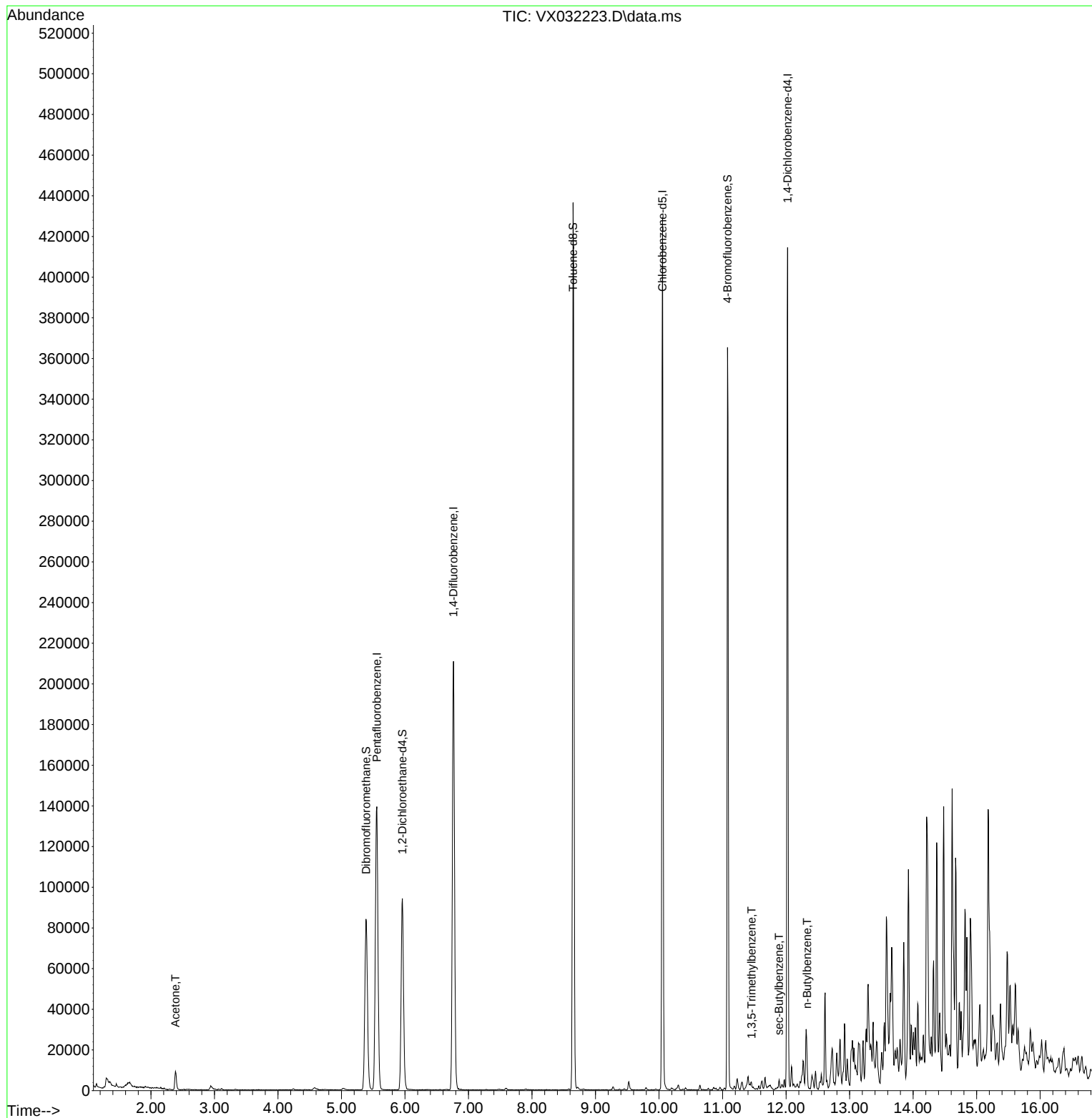
Internal Standards						
1) Pentafluorobenzene	5.556	168	132382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93046	54.029	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.060%
35) Dibromofluoromethane	5.385	113	71849	48.238	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	8.647	98	259419	48.385	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.760%
62) 4-Bromofluorobenzene	11.079	95	92807	47.270	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.540%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	10797	19.319	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	1577	0.309	ug/l	99
85) sec-Butylbenzene	11.890	105	2152	0.349	ug/l	84
89) n-Butylbenzene	12.329	91	4993	1.080	ug/l #	41

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

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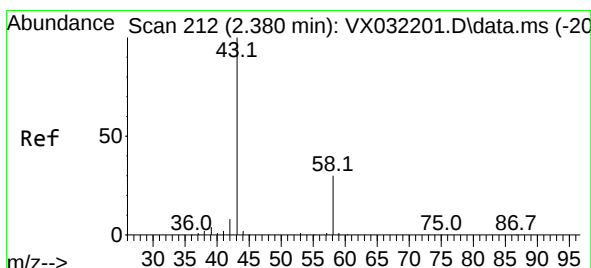
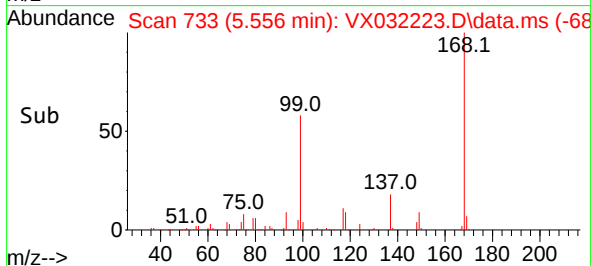
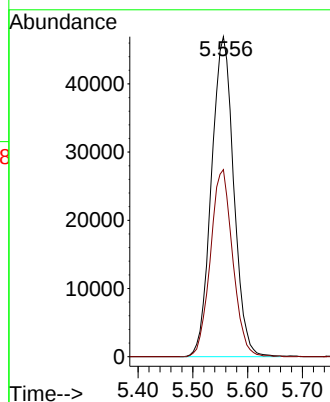
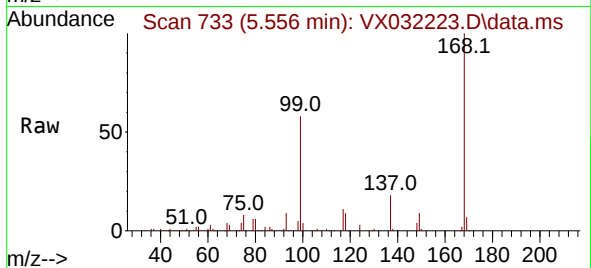




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032223.D
Acq: 19 Oct 2022 21:14

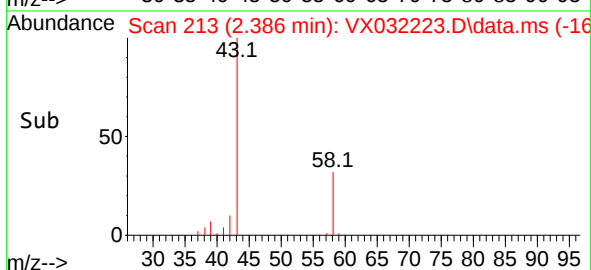
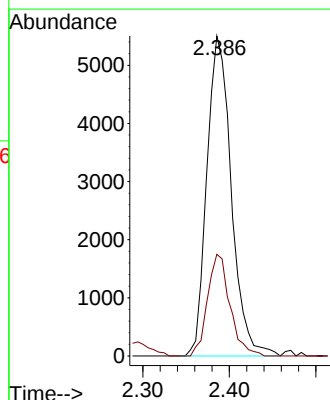
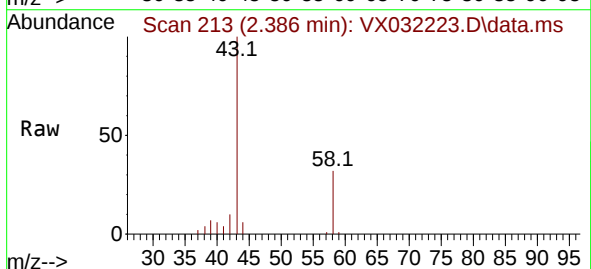
Instrument :
MSVOA_X
ClientSampleId :
TRE-1661

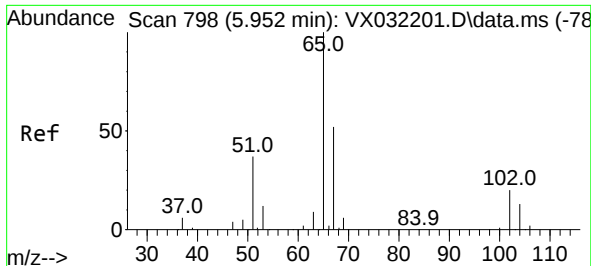
Tgt Ion:168 Resp: 132382
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2



#16
Acetone
Concen: 19.319 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032223.D
Acq: 19 Oct 2022 21:14

Tgt Ion: 43 Resp: 10797
Ion Ratio Lower Upper
43 100
58 31.7 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 54.029 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032223.D

Acq: 19 Oct 2022 21:14

Instrument :

MSVOA_X

ClientSampleId :

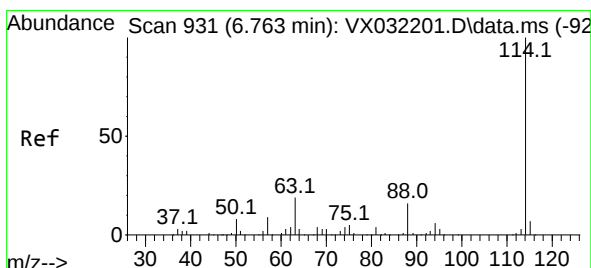
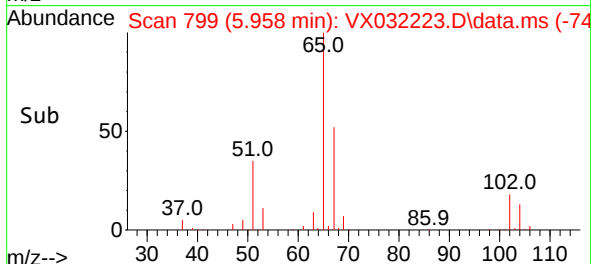
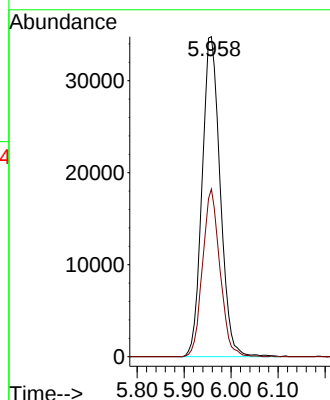
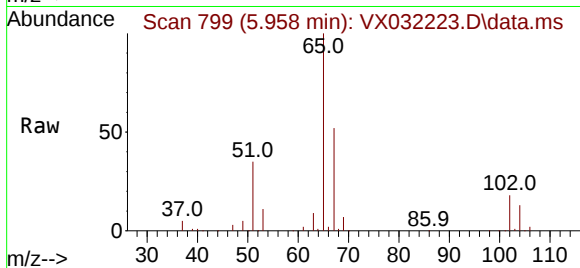
TRE-1661

Tgt Ion: 65 Resp: 93046

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032223.D

Acq: 19 Oct 2022 21:14

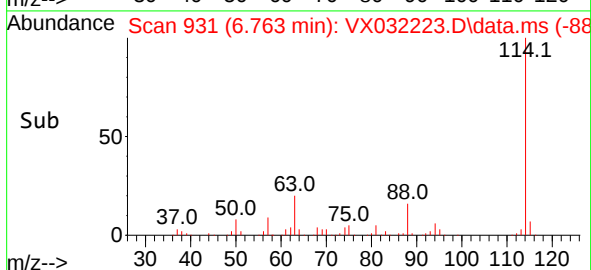
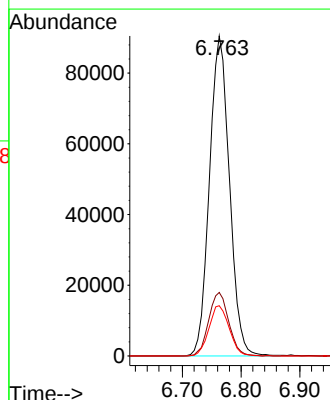
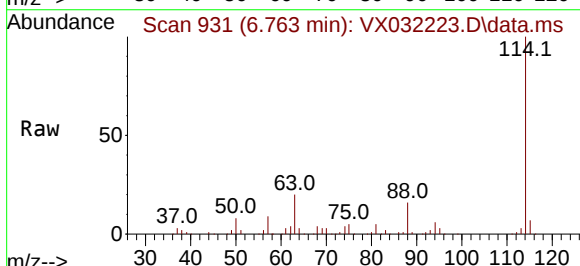
Tgt Ion: 114 Resp: 214044

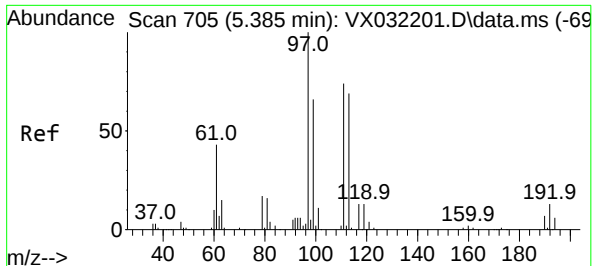
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

88 15.7 0.0 32.6

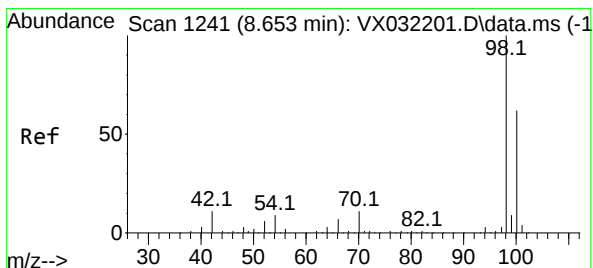
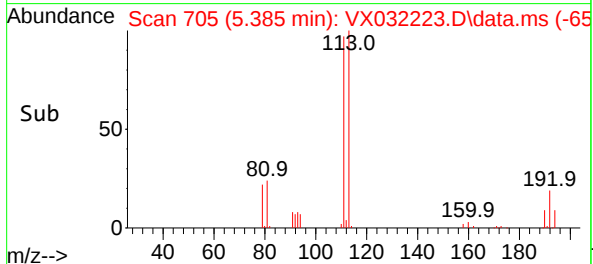
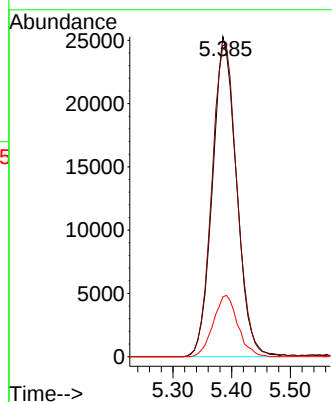
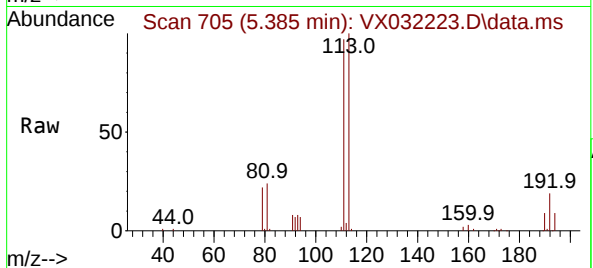




#35
Dibromofluoromethane
Concen: 48.238 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032223.D
Acq: 19 Oct 2022 21:14

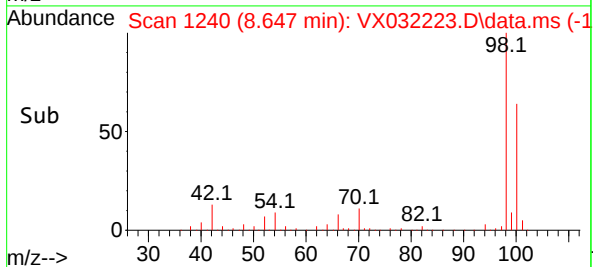
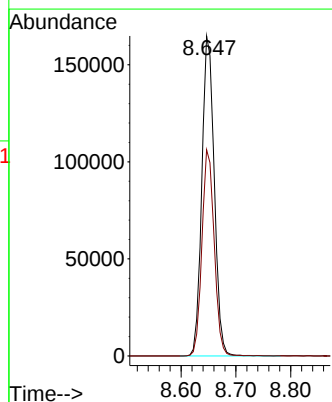
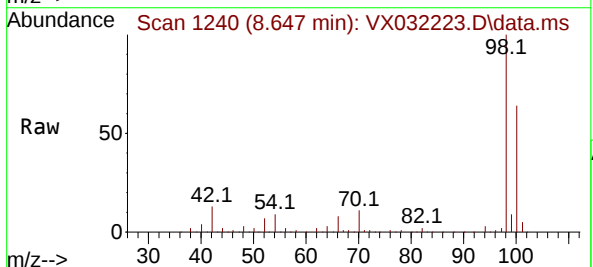
Instrument :
MSVOA_X
ClientSampleId :
TRE-1661

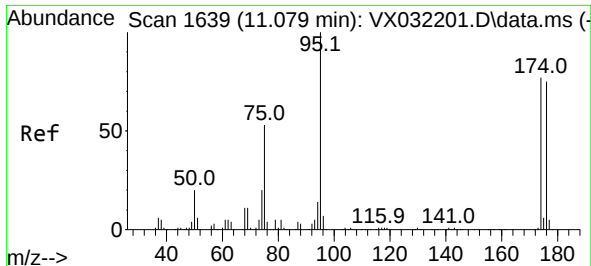
Tgt Ion:113 Resp: 71849
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.5 15.5 23.3



#50
Toluene-d8
Concen: 48.385 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032223.D
Acq: 19 Oct 2022 21:14

Tgt Ion: 98 Resp: 259419
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 47.270 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032223.D

Acq: 19 Oct 2022 21:14

Instrument :

MSVOA_X

ClientSampleId :

TRE-1661

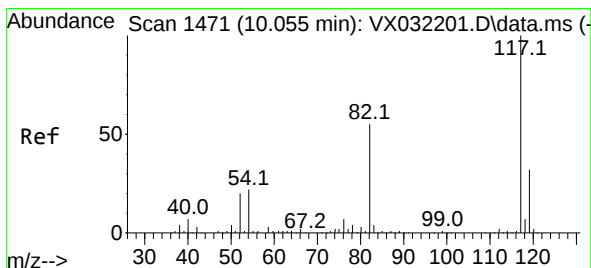
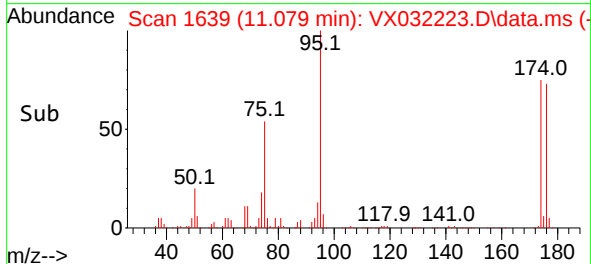
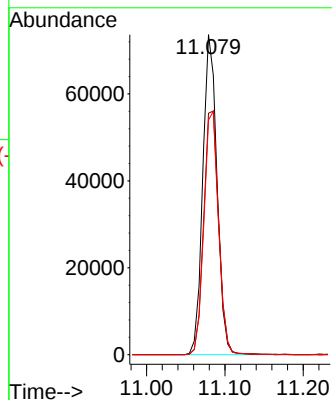
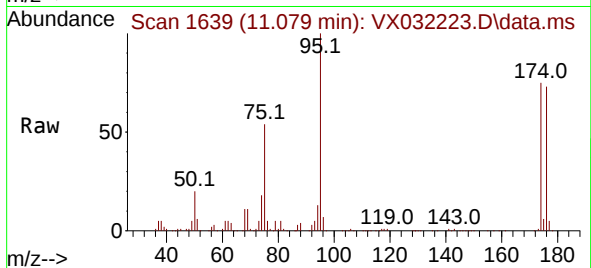
Tgt Ion: 95 Resp: 92807

Ion Ratio Lower Upper

95 100

174 80.2 0.0 166.8

176 78.1 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: VX032223.D

Acq: 19 Oct 2022 21:14

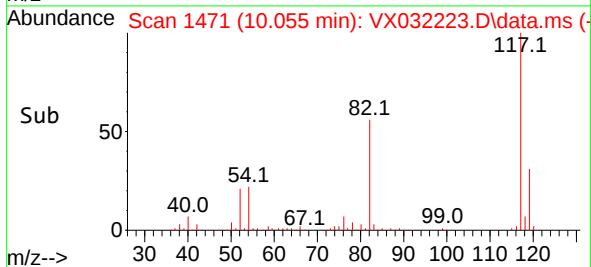
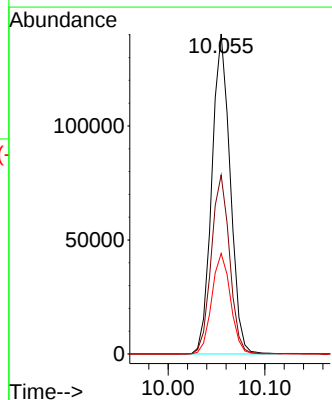
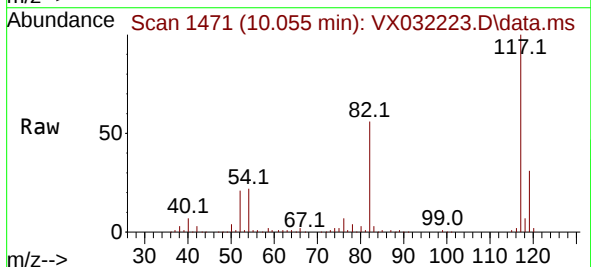
Tgt Ion: 117 Resp: 185181

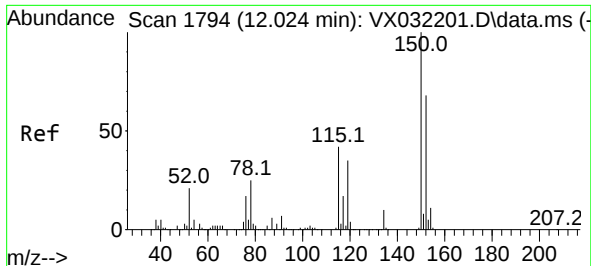
Ion Ratio Lower Upper

117 100

82 55.9 44.2 66.4

119 31.4 25.8 38.8

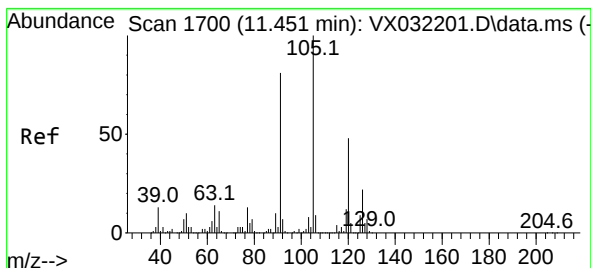
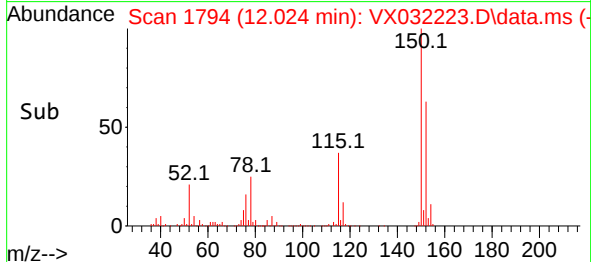
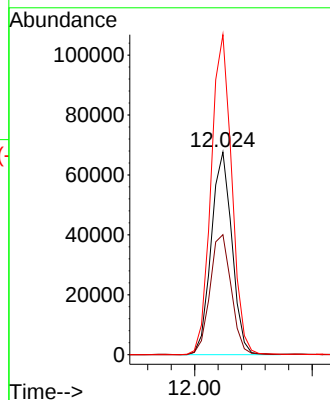
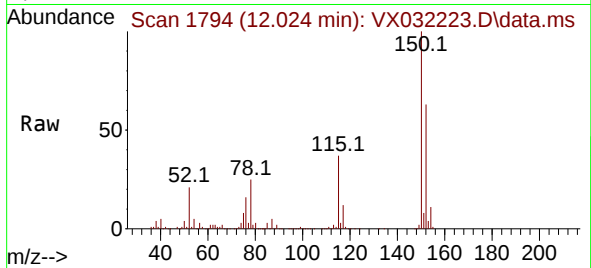




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032223.D
 Acq: 19 Oct 2022 21:14

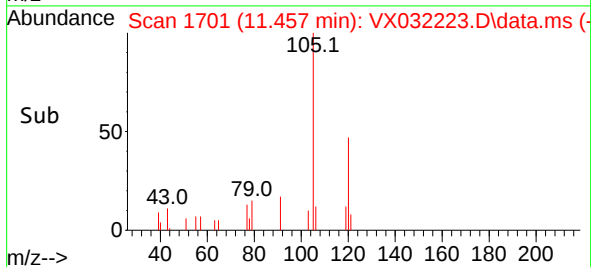
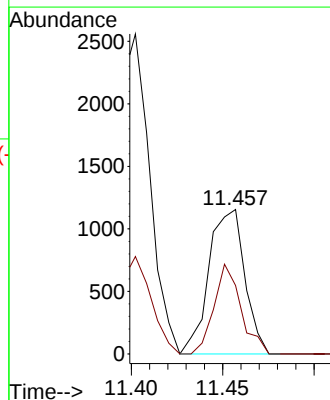
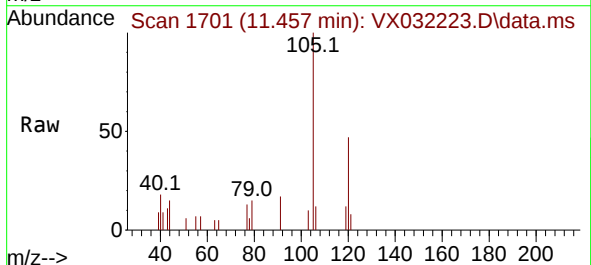
Instrument :
 MSVOA_X
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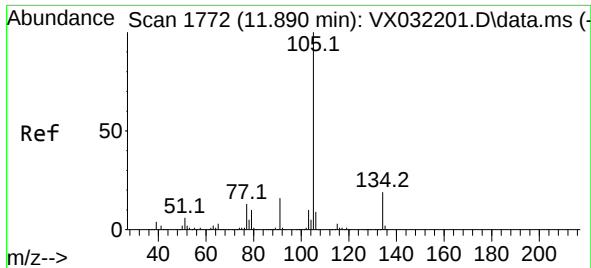
Tgt Ion:152 Resp: 82772
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.1 129.4
 150 157.5 0.0 348.6



#80
 1,3,5-Trimethylbenzene
 Concen: 0.309 ug/l
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: VX032223.D
 Acq: 19 Oct 2022 21:14

Tgt Ion:105 Resp: 1577
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.5 70.6

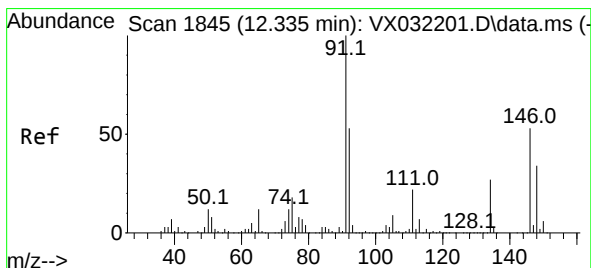
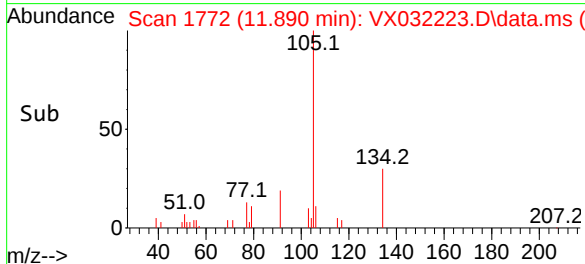
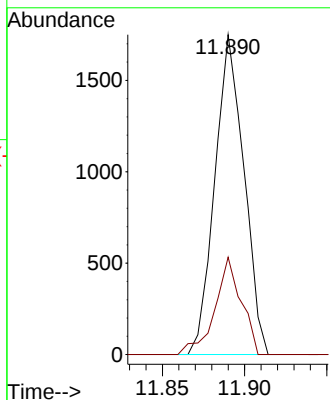
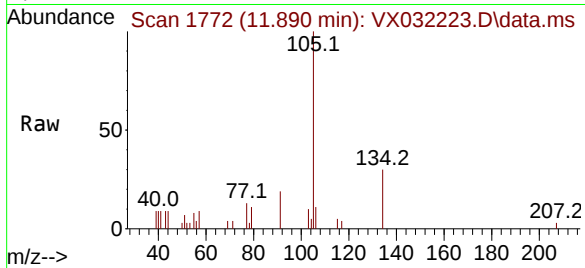




#85
 sec-Butylbenzene
 Concen: 0.349 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032223.D
 Acq: 19 Oct 2022 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1661

Tgt Ion:105 Resp: 2152
 Ion Ratio Lower Upper
 105 100
 134 27.6 10.1 30.3



#89
 n-Butylbenzene
 Concen: 1.080 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: VX032223.D
 Acq: 19 Oct 2022 21:14

Tgt Ion: 91 Resp: 4993
 Ion Ratio Lower Upper
 91 100
 92 33.7 26.3 78.9
 134 89.9 13.0 39.0#

