

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030381.D
 Acq On : 03 Aug 2022 19:19
 Operator : JC/MD
 Sample : N3988-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 63022-C

Quant Time: Aug 04 04:46:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

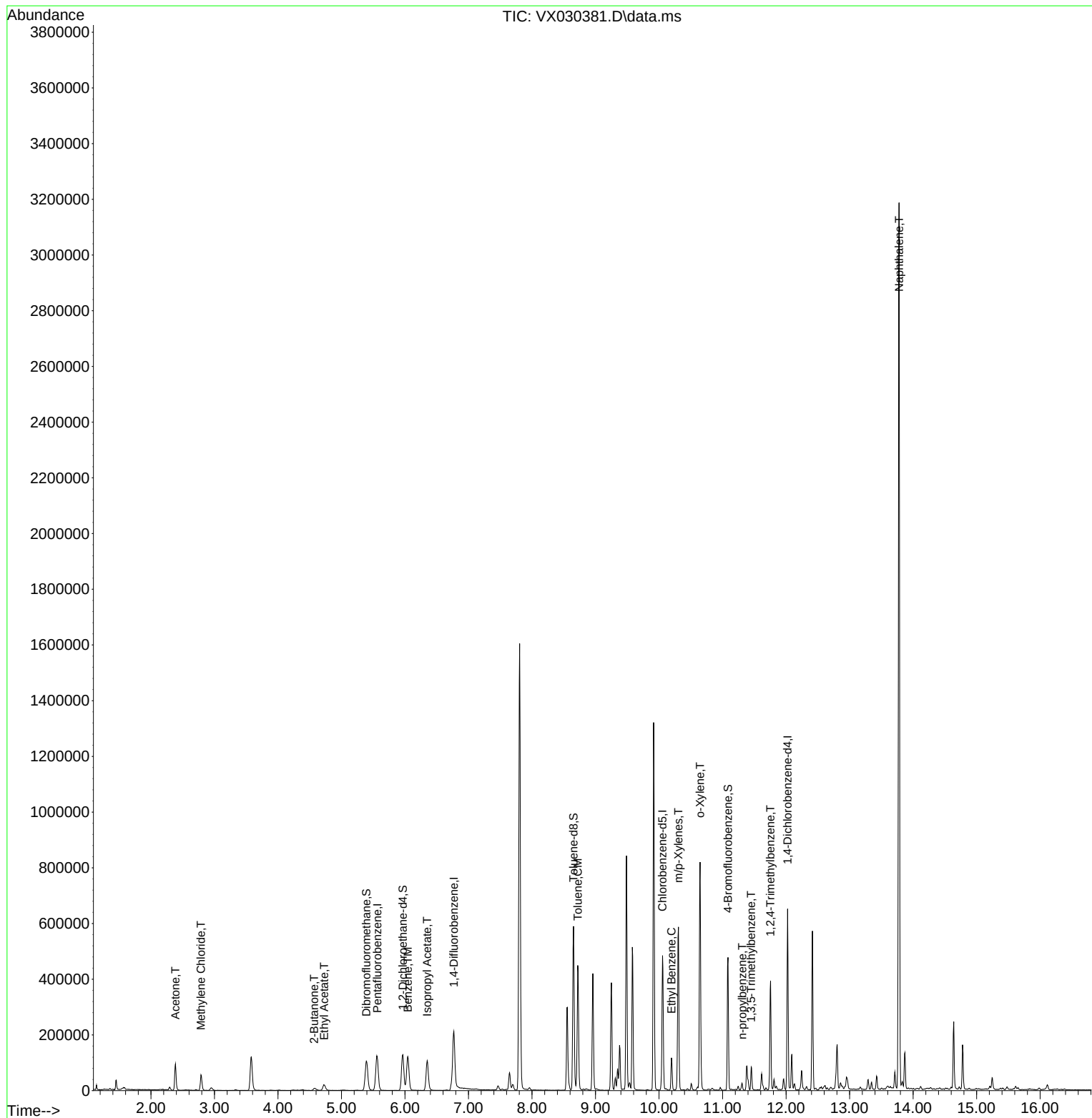
Internal Standards						
1) Pentafluorobenzene	5.562	168	111065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	196489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129246	57.897	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.800%
35) Dibromofluoromethane	5.391	113	94455	50.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	8.653	98	339832	46.718	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.440%
62) 4-Bromofluorobenzene	11.085	95	127638	47.280	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.560%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	97696	85.481	ug/l	90
20) Methylene Chloride	2.788	84	23877	10.168	ug/l	97
25) 2-Butanone	4.568	43	12005	6.251	ug/l #	89
37) Ethyl Acetate	4.727	43	37771	9.867	ug/l	95
40) Benzene	6.044	78	142882	16.800	ug/l	99
43) Isopropyl Acetate	6.348	43	149101	26.570	ug/l	95
52) Toluene	8.720	92	161575	31.139	ug/l	99
67) Ethyl Benzene	10.195	91	65774	6.933	ug/l	94
68) m/p-Xylenes	10.305	106	130819	34.872	ug/l	91
69) o-Xylene	10.646	106	147185	39.808	ug/l	90
78) n-propylbenzene	11.311	91	12172	1.087	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	35930	4.575	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	145818	18.609	ug/l	82
95) Naphthalene	13.780	128	1884741	197.979	ug/l	99

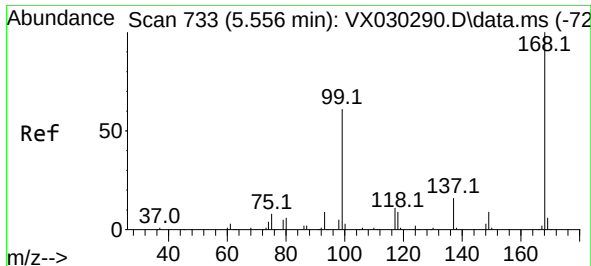
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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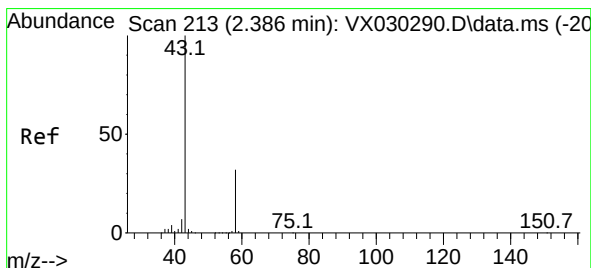
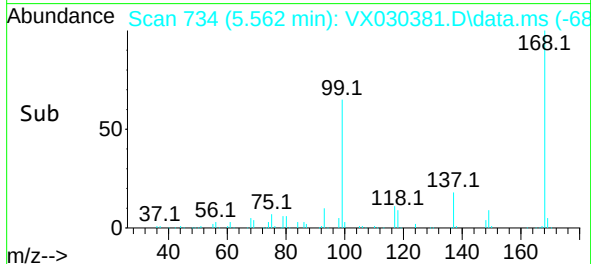
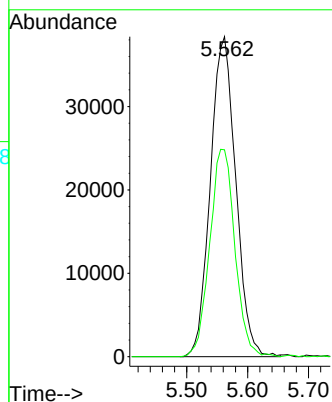
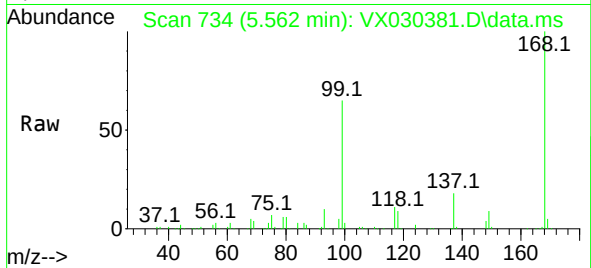




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030381.D
Acq: 03 Aug 2022 19:19

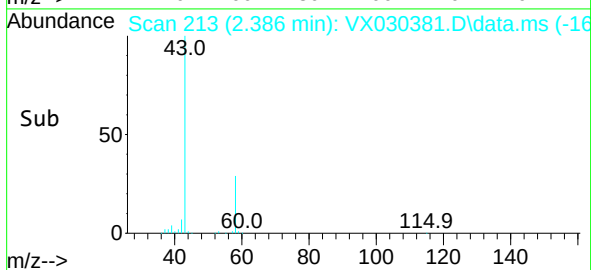
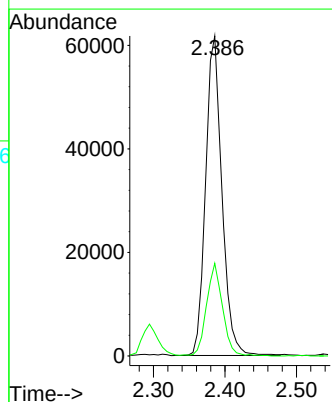
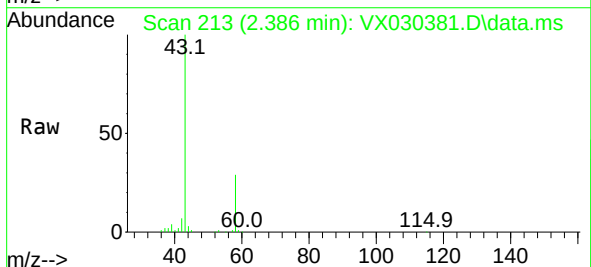
Instrument :
MSVOA_X
ClientSampleId :
63022-C

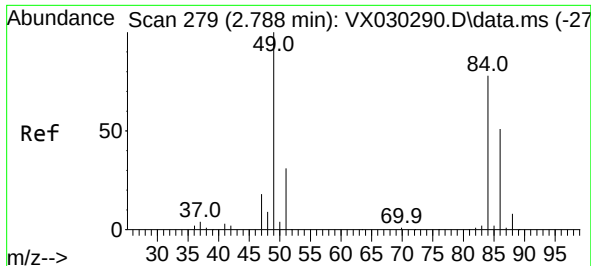
Tgt Ion:168 Resp: 111065
Ion Ratio Lower Upper
168 100
99 64.6 44.0 66.0



#16
Acetone
Concen: 85.481 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030381.D
Acq: 03 Aug 2022 19:19

Tgt Ion: 43 Resp: 97696
Ion Ratio Lower Upper
43 100
58 29.0 27.7 41.5





#20

Methylene Chloride

Concen: 10.168 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX030381.D

Acq: 03 Aug 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

63022-C

Tgt Ion: 84 Resp: 23877

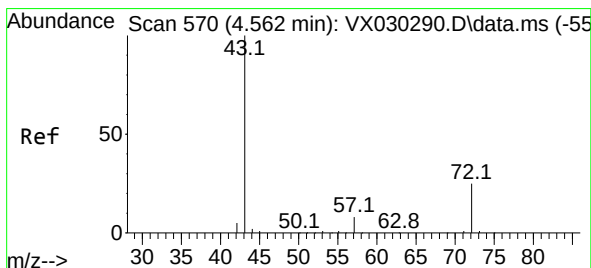
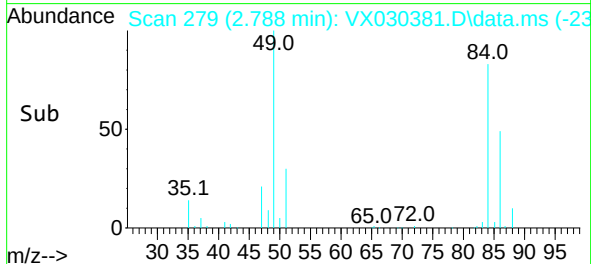
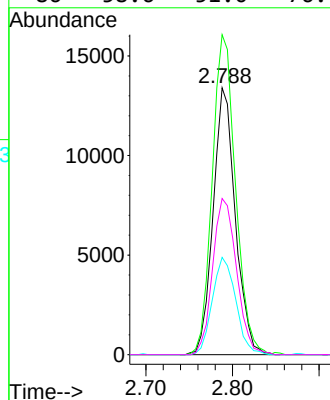
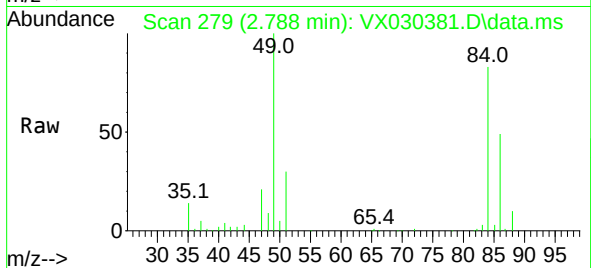
Ion Ratio Lower Upper

84 100

49 119.9 93.8 140.6

51 36.5 29.4 44.0

86 58.6 51.0 76.4



#25

2-Butanone

Concen: 6.251 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX030381.D

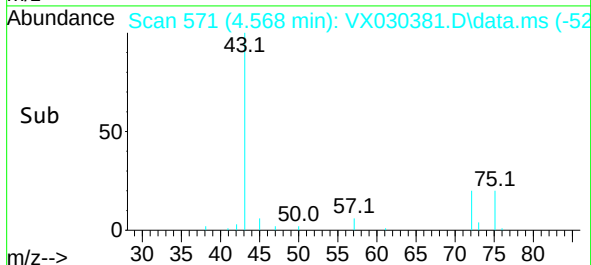
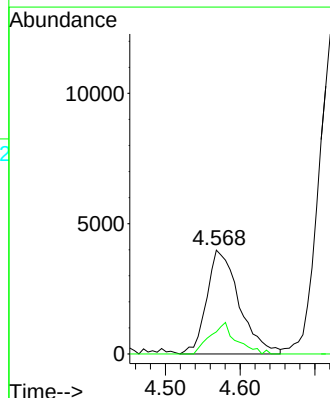
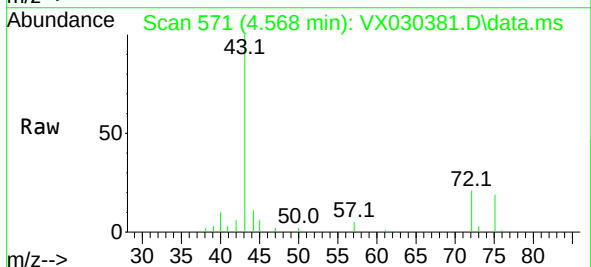
Acq: 03 Aug 2022 19:19

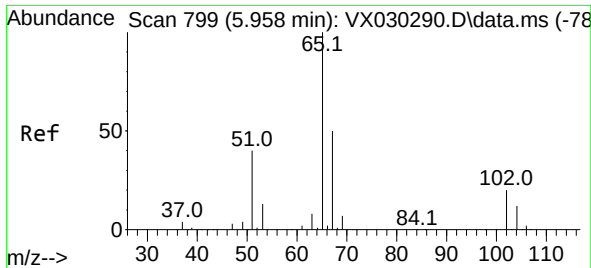
Tgt Ion: 43 Resp: 12005

Ion Ratio Lower Upper

43 100

72 21.3 21.7 32.5#

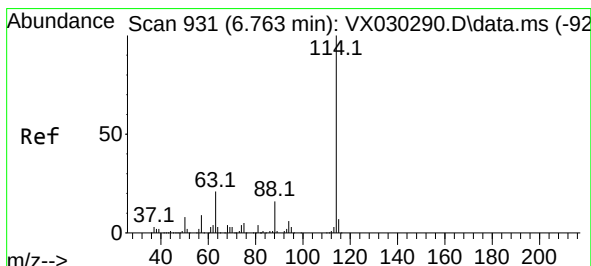
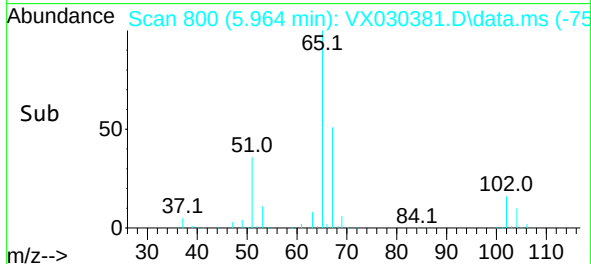
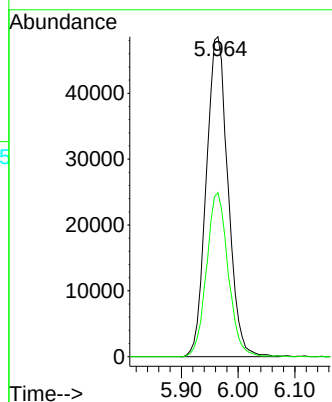
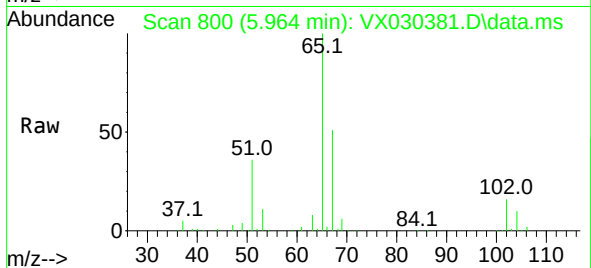




#33
 1,2-Dichloroethane-d4
 Concen: 57.897 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VX030381.D
 Acq: 03 Aug 2022 19:19

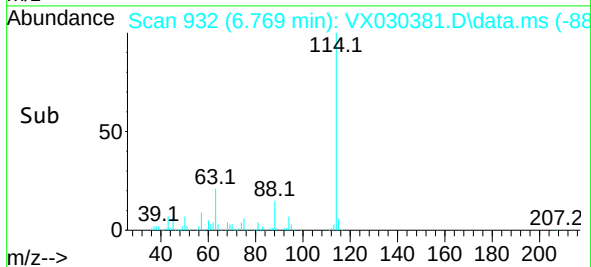
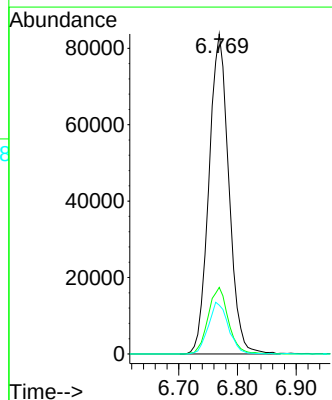
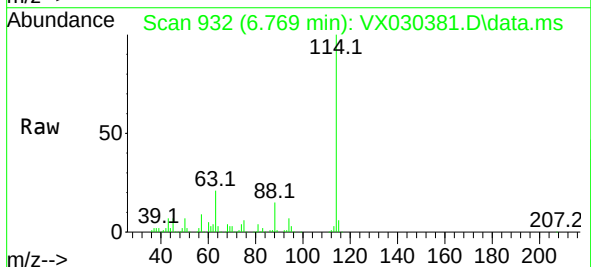
Instrument :
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 63022-C

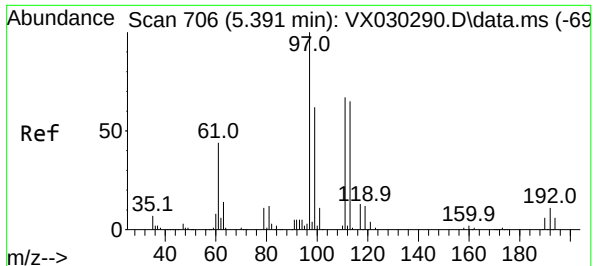
Tgt Ion: 65 Resp: 129246
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX030381.D
 Acq: 03 Aug 2022 19:19

Tgt Ion: 114 Resp: 196489
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.4
 88 15.3 0.0 31.8

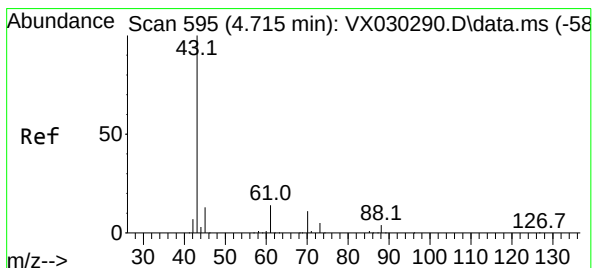
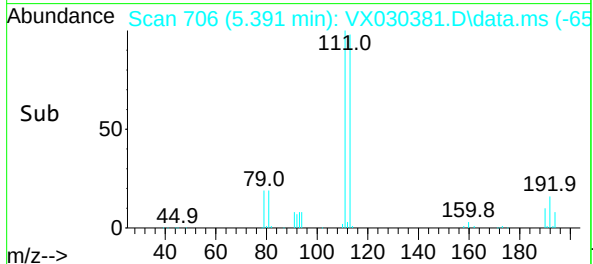
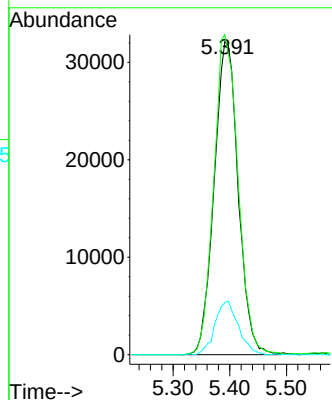
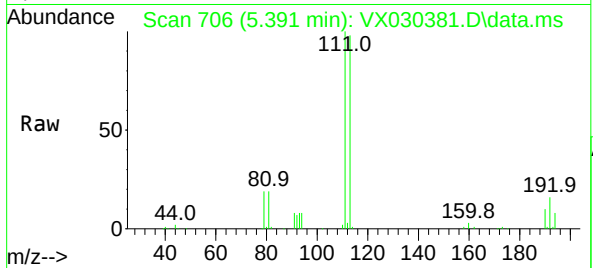




#35
Dibromofluoromethane
Concen: 50.287 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030381.D
Acq: 03 Aug 2022 19:19

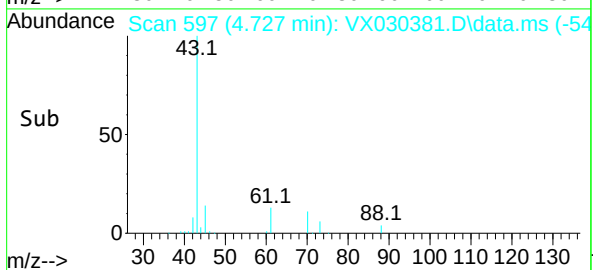
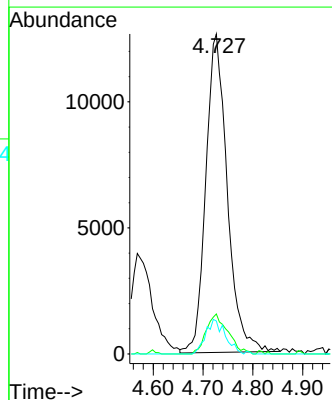
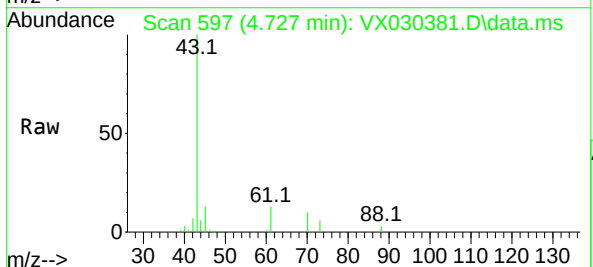
Instrument :
MSVOA_X
ClientSampleId :
63022-C

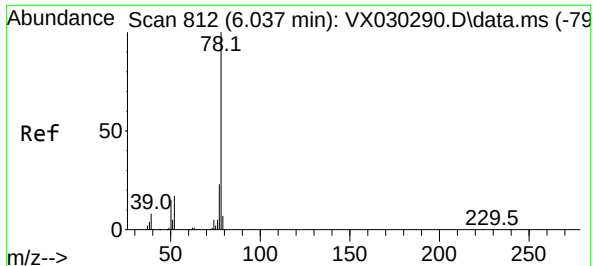
Tgt Ion:113 Resp: 94455
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 16.7 14.8 22.2



#37
Ethyl Acetate
Concen: 9.867 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.007 min
Lab File: VX030381.D
Acq: 03 Aug 2022 19:19

Tgt Ion: 43 Resp: 37771
Ion Ratio Lower Upper
43 100
61 12.8 11.7 17.5
70 9.8 9.3 13.9





#40

Benzene

Concen: 16.800 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.001 min

Lab File: VX030381.D

Acq: 03 Aug 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

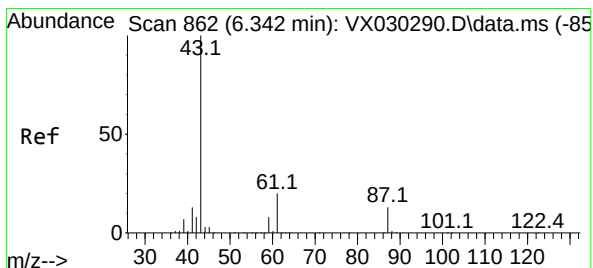
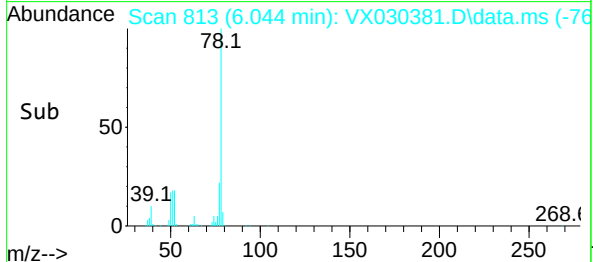
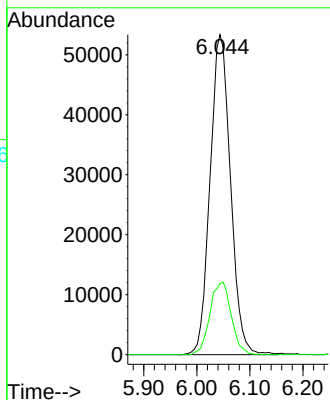
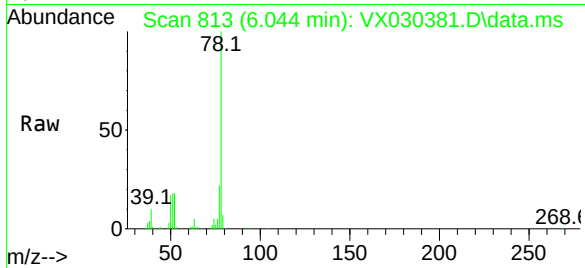
63022-C

Tgt Ion: 78 Resp: 142882

Ion Ratio Lower Upper

78 100

77 22.2 18.0 27.0



#43

Isopropyl Acetate

Concen: 26.570 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX030381.D

Acq: 03 Aug 2022 19:19

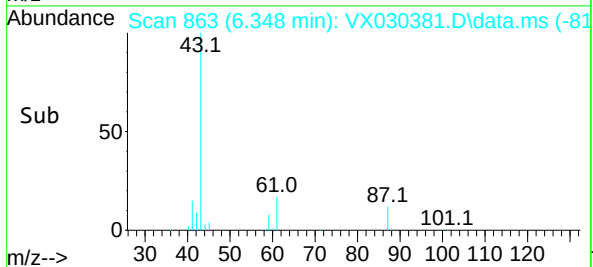
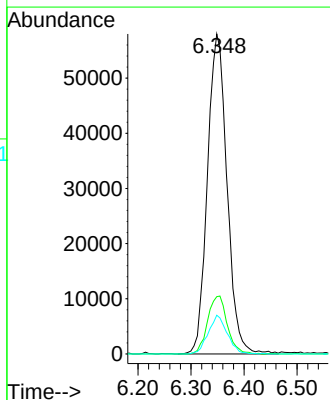
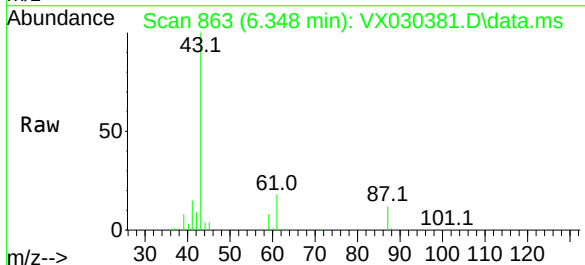
Tgt Ion: 43 Resp: 149101

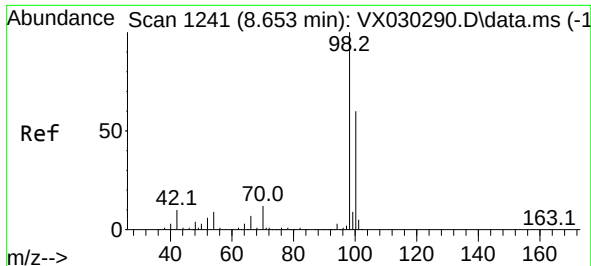
Ion Ratio Lower Upper

43 100

61 18.1 16.5 24.7

87 11.7 11.1 16.7





#50

Toluene-d8

Concen: 46.718 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX030381.D

Acq: 03 Aug 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

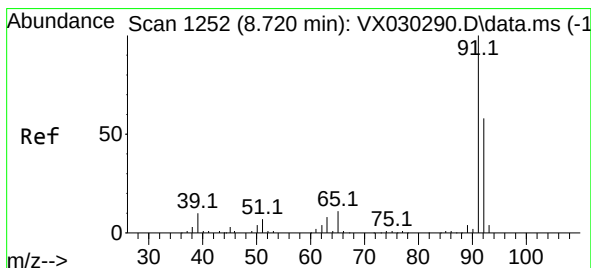
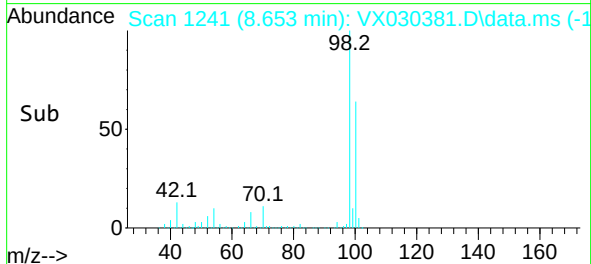
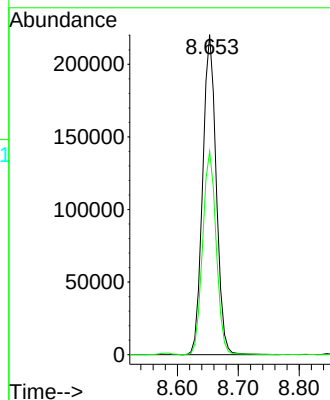
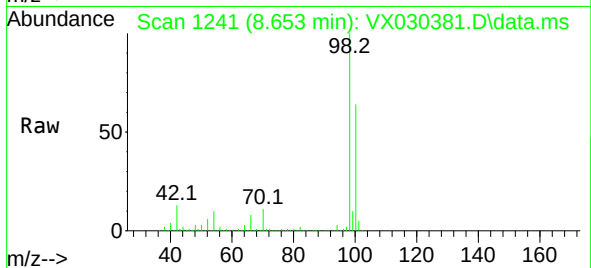
63022-C

Tgt Ion: 98 Resp: 339832

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5



#52

Toluene

Concen: 31.139 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030381.D

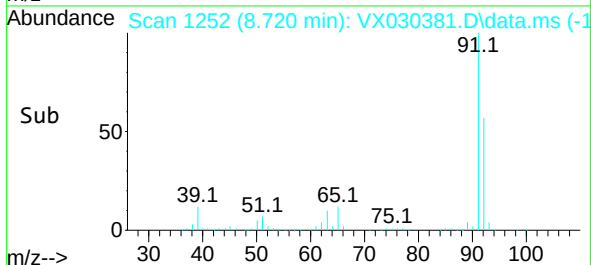
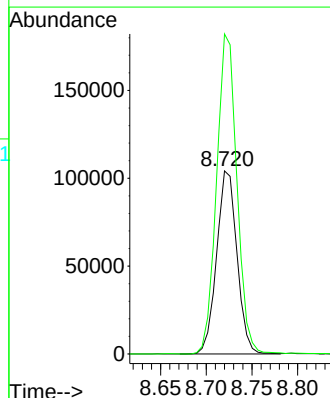
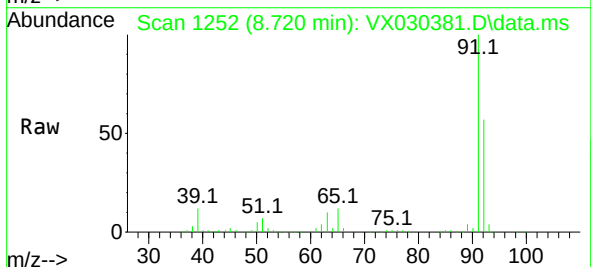
Acq: 03 Aug 2022 19:19

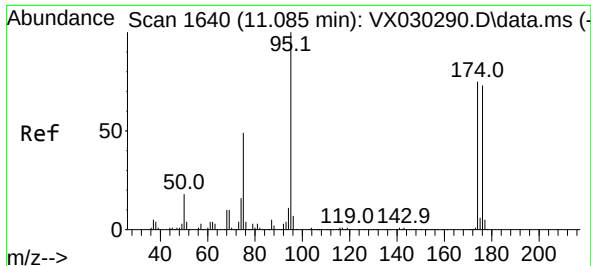
Tgt Ion: 92 Resp: 161575

Ion Ratio Lower Upper

92 100

91 174.9 139.2 208.8

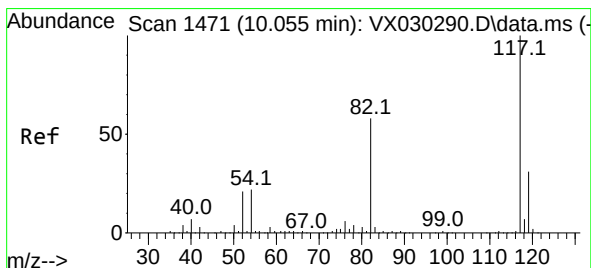
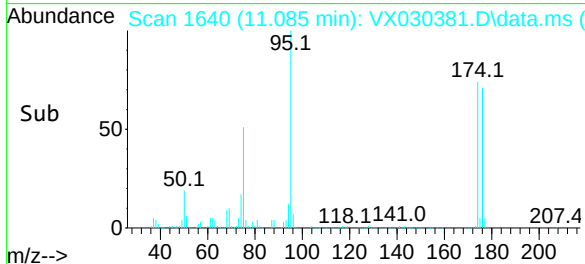
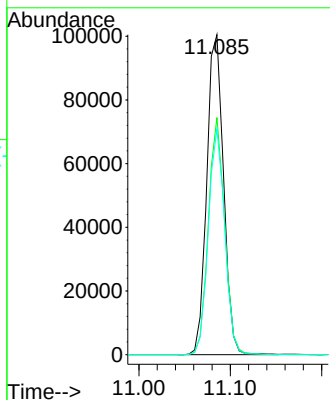
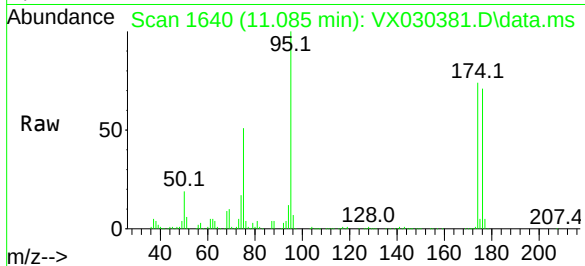




#62
4-Bromofluorobenzene
Concen: 47.280 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030381.D
Acq: 03 Aug 2022 19:19

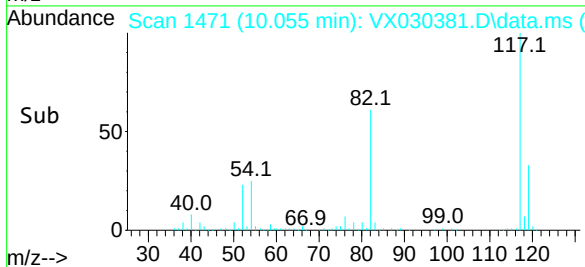
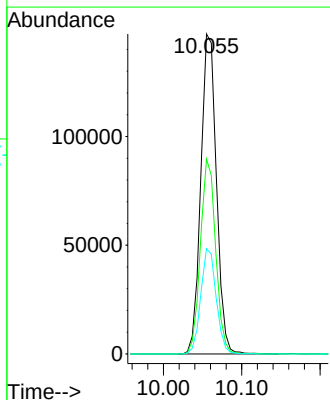
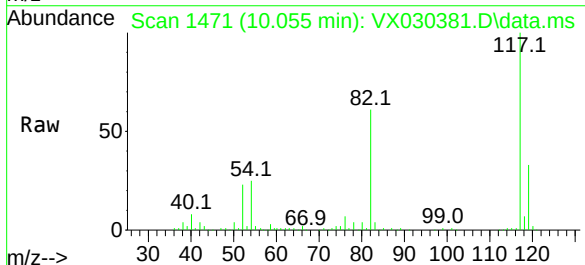
Instrument :
MSVOA_X
ClientSampleId :
63022-C

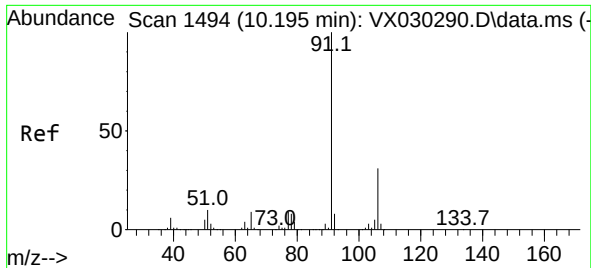
Tgt Ion: 95 Resp: 127638
Ion Ratio Lower Upper
95 100
174 72.2 0.0 149.0
176 68.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030381.D
Acq: 03 Aug 2022 19:19

Tgt Ion: 117 Resp: 203861
Ion Ratio Lower Upper
117 100
82 60.9 42.7 64.1
119 33.0 25.4 38.2

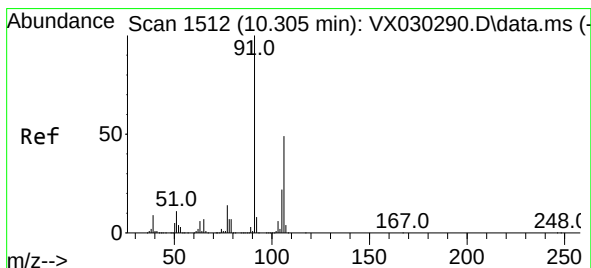
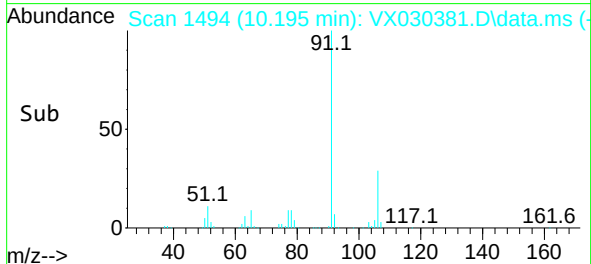
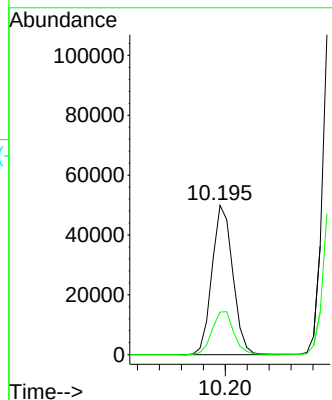
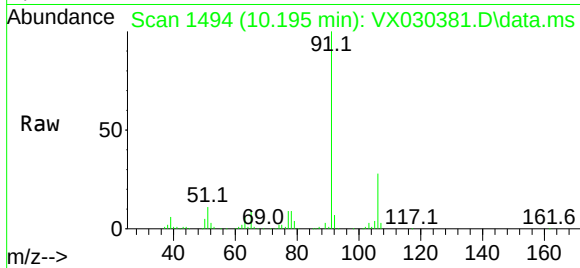




#67
Ethyl Benzene
Concen: 6.933 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030381.D
Acq: 03 Aug 2022 19:19

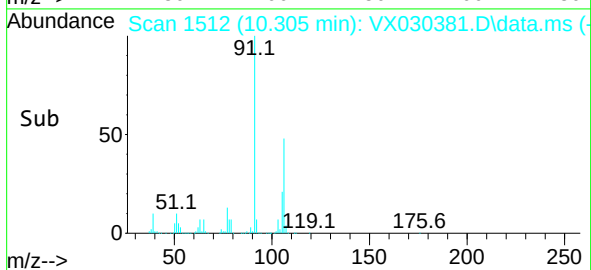
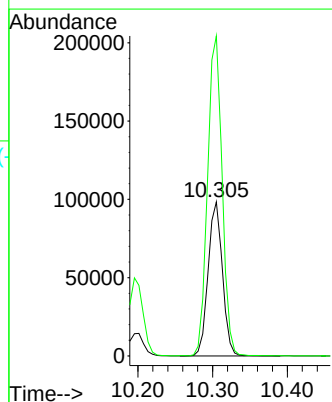
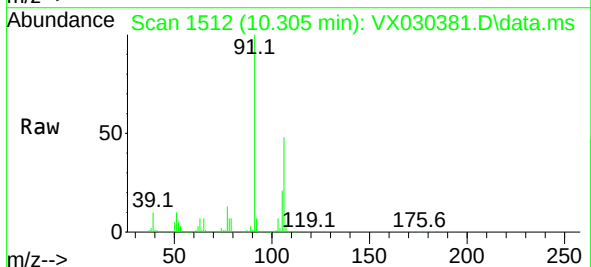
Instrument :
MSVOA_X
ClientSampleId :
63022-C

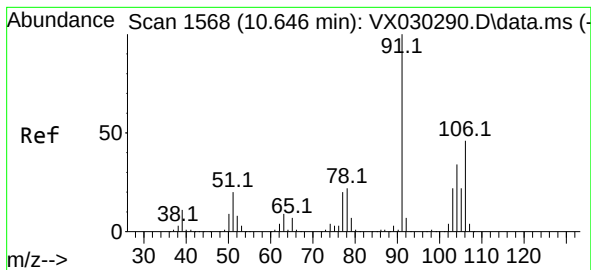
Tgt Ion: 91 Resp: 65774
Ion Ratio Lower Upper
91 100
106 28.5 25.5 38.3



#68
m/p-Xylenes
Concen: 34.872 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030381.D
Acq: 03 Aug 2022 19:19

Tgt Ion: 106 Resp: 130819
Ion Ratio Lower Upper
106 100
91 211.7 158.2 237.4





#69

o-Xylene

Concen: 39.808 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX030381.D

Acq: 03 Aug 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

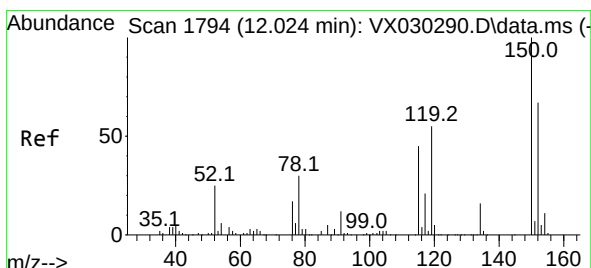
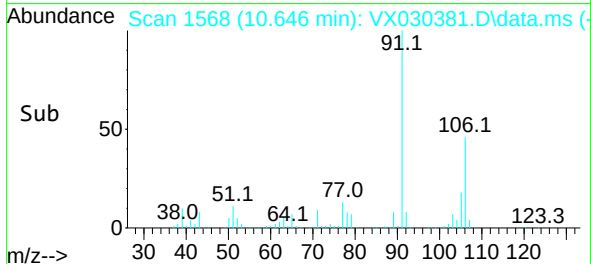
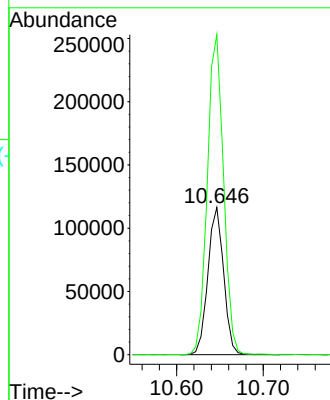
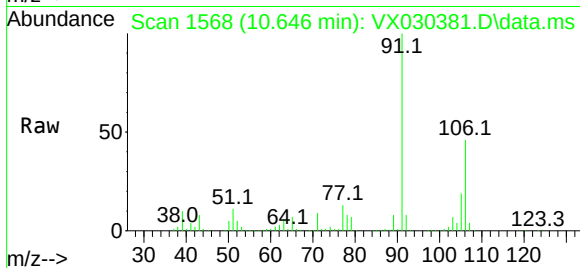
63022-C

Tgt Ion:106 Resp: 147185

Ion Ratio Lower Upper

106 100

91 223.6 103.8 311.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030381.D

Acq: 03 Aug 2022 19:19

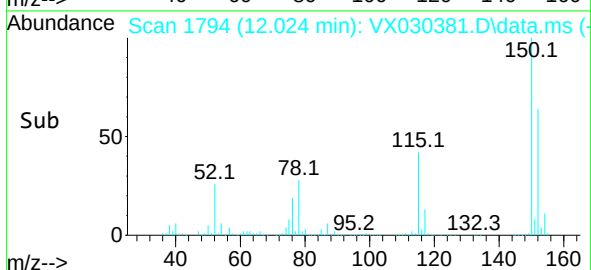
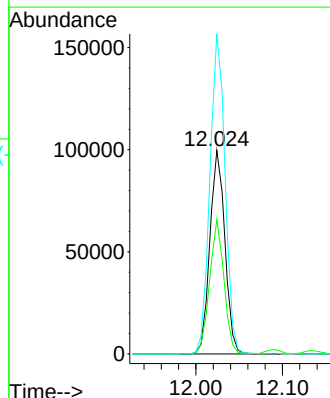
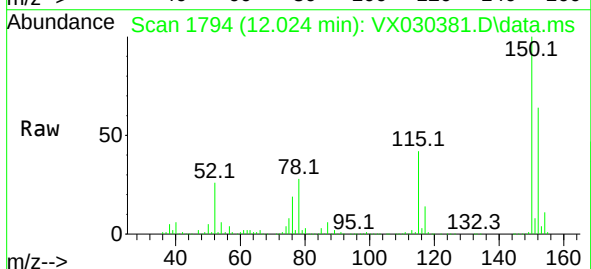
Tgt Ion:152 Resp: 120155

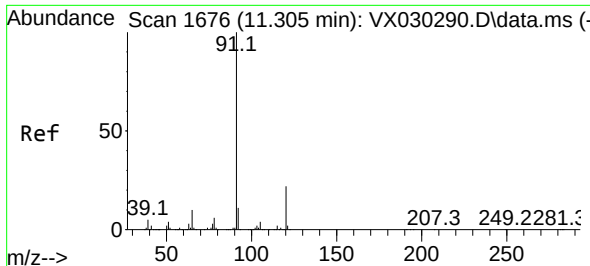
Ion Ratio Lower Upper

152 100

115 63.0 40.5 121.5

150 158.2 0.0 347.0

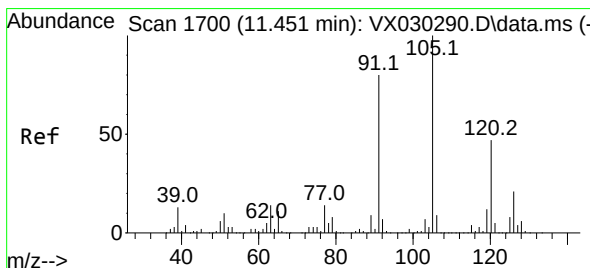
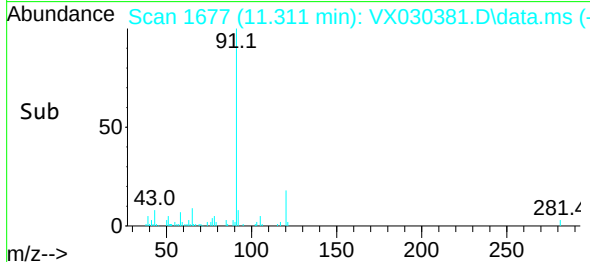
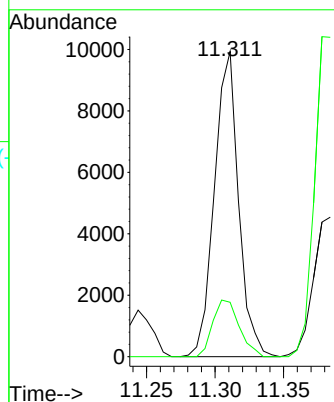
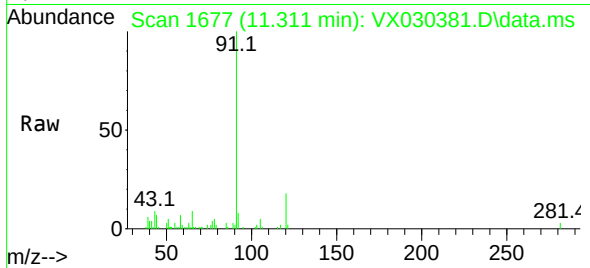




#78
n-propylbenzene
Concen: 1.087 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.001 min
Lab File: VX030381.D
Acq: 03 Aug 2022 19:19

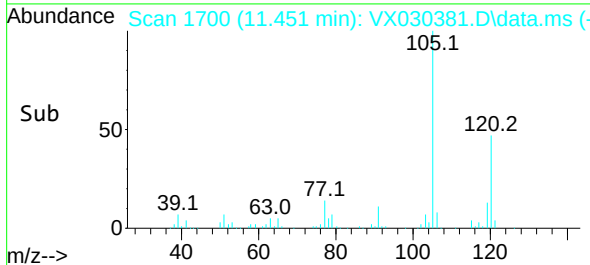
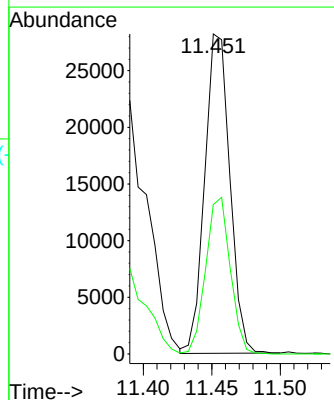
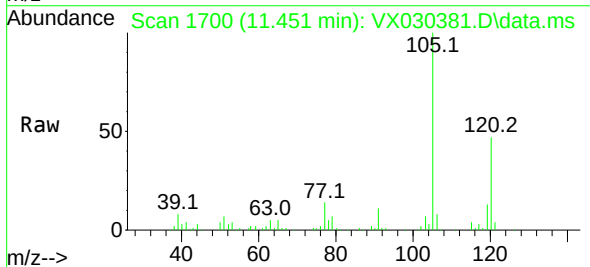
Instrument :
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ClientSampleId :
63022-C

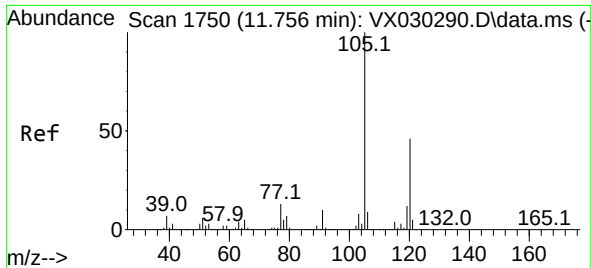
Tgt Ion: 91 Resp: 12172
Ion Ratio Lower Upper
91 100
120 20.4 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 4.575 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030381.D
Acq: 03 Aug 2022 19:19

Tgt Ion: 105 Resp: 35930
Ion Ratio Lower Upper
105 100
120 47.9 24.4 73.2

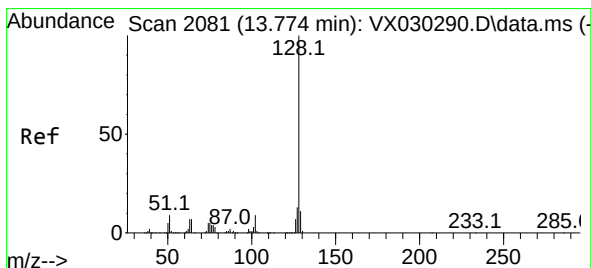
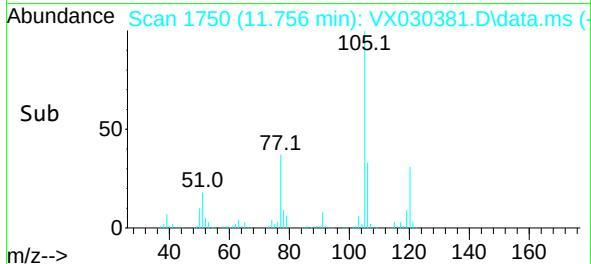
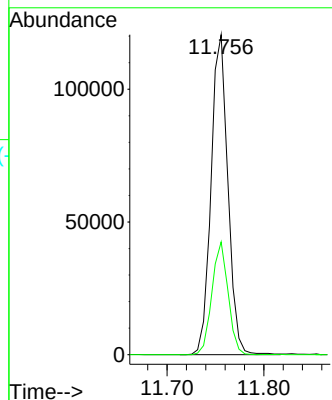
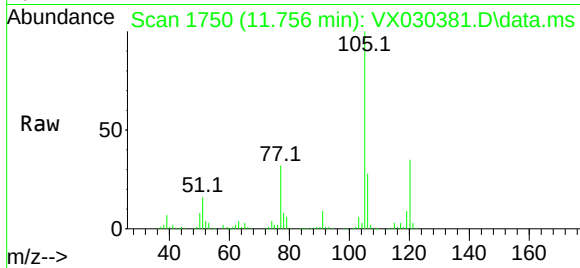




#84
 1,2,4-Trimethylbenzene
 Concen: 18.609 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030381.D
 Acq: 03 Aug 2022 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 63022-C

Tgt Ion:105 Resp: 145818
 Ion Ratio Lower Upper
 105 100
 120 33.8 22.9 68.8



#95
 Naphthalene
 Concen: 197.979 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VX030381.D
 Acq: 03 Aug 2022 19:19

Tgt Ion:128 Resp: 1884741
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.2
 129 11.2 8.6 13.0

