

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028248.D
 Acq On : 21 Apr 2022 17:56
 Operator : JC/MD
 Sample : N2459-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4922A

Quant Time: Apr 22 06:16:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

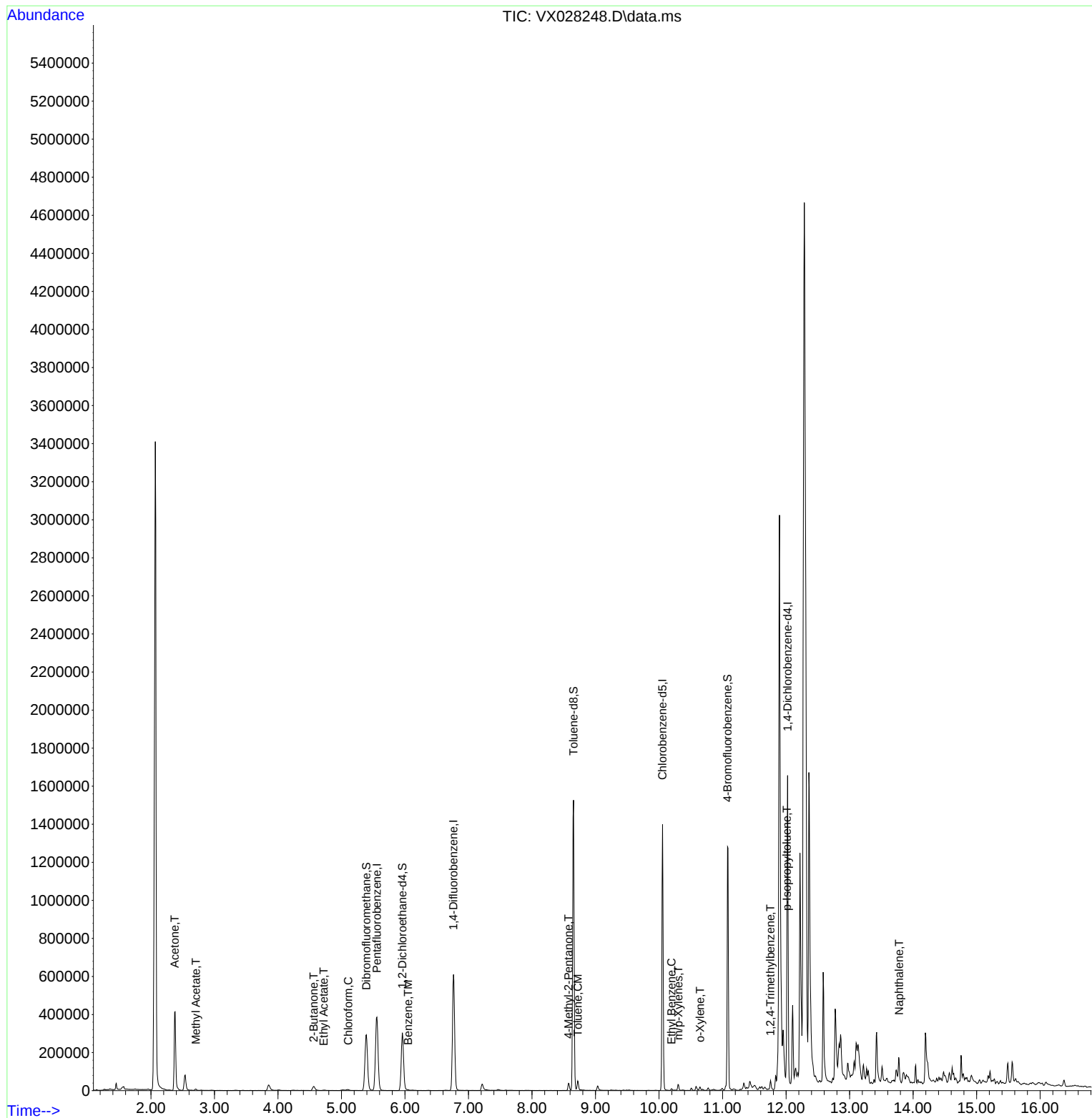
Internal Standards							
1) Pentafluorobenzene		5.556	168	383070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.763	114	658416	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	635903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	330255	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.958	65	279419	55.942	ug/l	0.00
Spiked Amount 50.000		Range 61 - 141		Recovery = 111.880%			
35) Dibromofluoromethane		5.391	113	252717	54.731	ug/l	0.00
Spiked Amount 50.000		Range 69 - 133		Recovery = 109.460%			
50) Toluene-d8		8.653	98	928595	52.361	ug/l	0.00
Spiked Amount 50.000		Range 65 - 126		Recovery = 104.720%			
62) 4-Bromofluorobenzene		11.079	95	345901	51.011	ug/l	0.00
Spiked Amount 50.000		Range 58 - 135		Recovery = 102.020%			
Target Compounds							
							Qvalue
16) Acetone		2.373	43	433430	284.302	ug/l	93
18) Methyl Acetate		2.709	43	8500	1.914	ug/l	96
25) 2-Butanone		4.562	43	36144	12.219	ug/l	98
30) Chloroform		5.105	83	5304	0.665	ug/l	92
37) Ethyl Acetate		4.721	43	3178	0.520	ug/l #	87
40) Benzene		6.050	78	4298	0.244	ug/l	97
51) 4-Methyl-2-Pentanone		8.574	43	22535	3.531	ug/l	97
52) Toluene		8.720	92	17533	1.431	ug/l	98
67) Ethyl Benzene		10.195	91	5208	0.229	ug/l	93
68) m/p-Xylenes		10.305	106	8194	0.886	ug/l	94
69) o-Xylene		10.646	106	4035	0.437	ug/l	93
84) 1,2,4-Trimethylbenzene		11.756	105	13217	0.690	ug/l	97
86) p-Isopropyltoluene		12.012	119	43856	2.142	ug/l	93
95) Naphthalene		13.780	128	72874	3.333	ug/l	98

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

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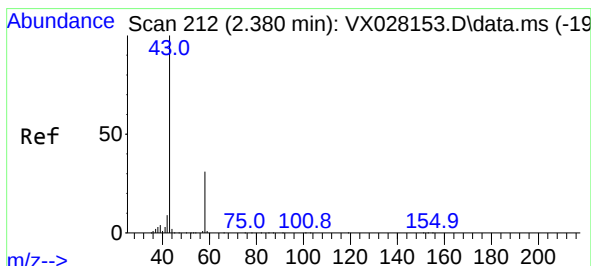
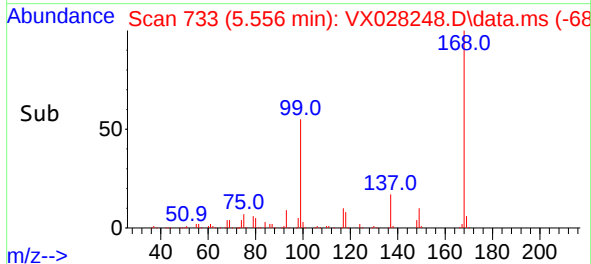
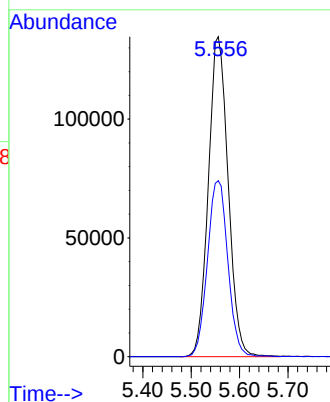
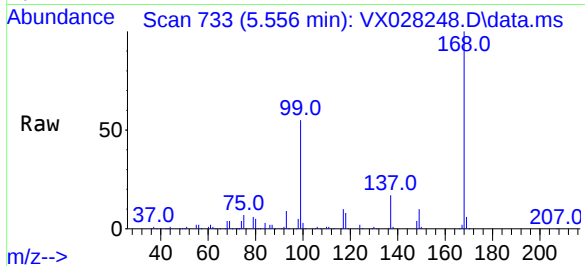




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

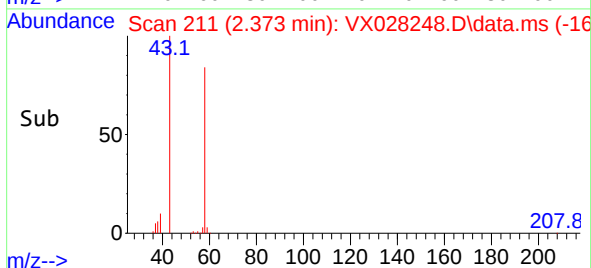
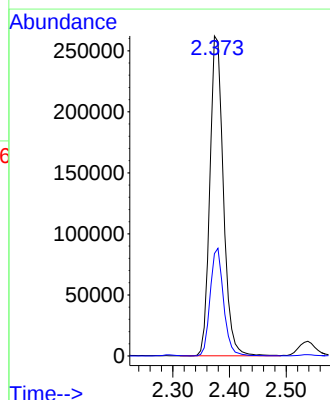
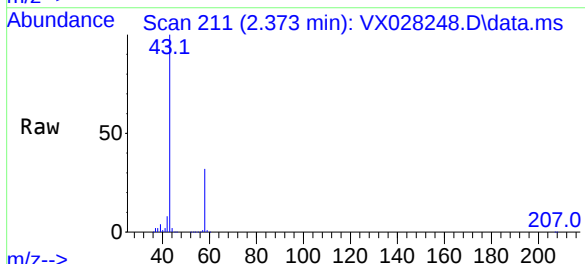
Instrument :
MSVOA_X
ClientSampleId :
4922A

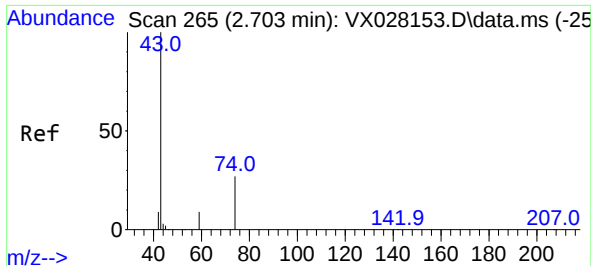
Tgt Ion:168 Resp: 383070
Ion Ratio Lower Upper
168 100
99 55.0 41.7 62.5



#16
Acetone
Concen: 284.302 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

Tgt Ion: 43 Resp: 433430
Ion Ratio Lower Upper
43 100
58 31.9 28.8 43.2

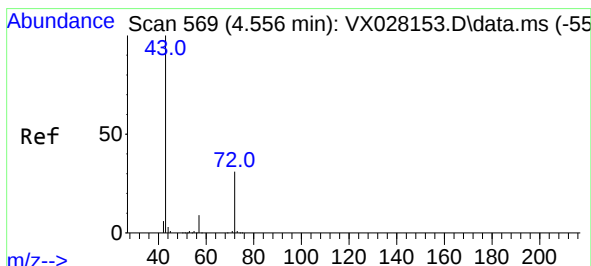
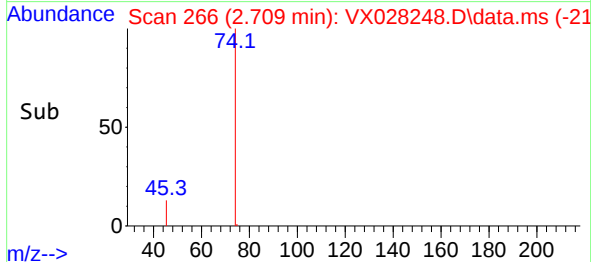
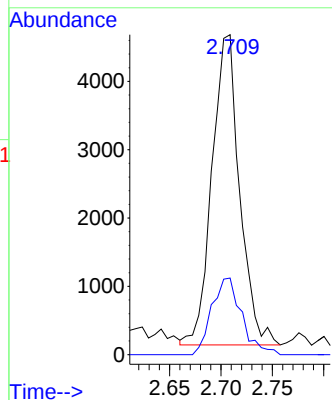
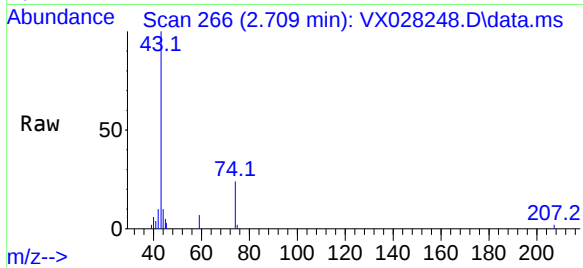




#18
Methyl Acetate
Concen: 1.914 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

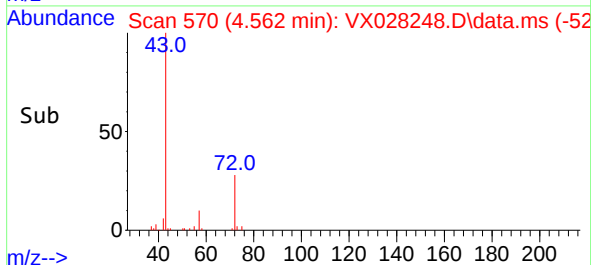
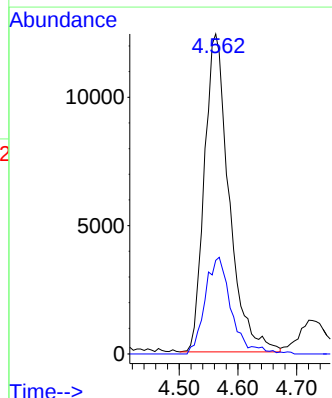
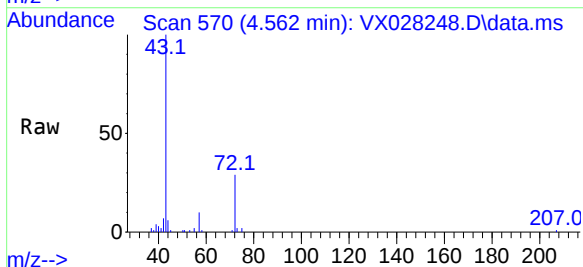
Instrument :
MSVOA_X
ClientSampleId :
4922A

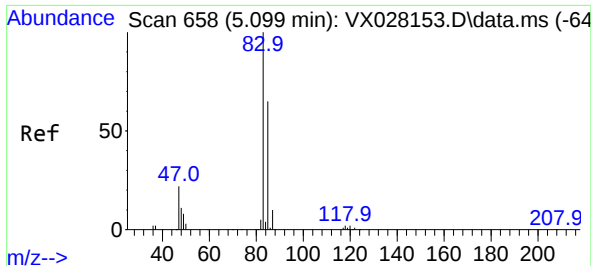
Tgt Ion: 43 Resp: 8500
Ion Ratio Lower Upper
43 100
74 26.6 22.8 34.2



#25
2-Butanone
Concen: 12.219 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

Tgt Ion: 43 Resp: 36144
Ion Ratio Lower Upper
43 100
72 29.5 24.4 36.6





#30

Chloroform

Concen: 0.665 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX028248.D

Acq: 21 Apr 2022 17:56

Instrument :

MSVOA_X

ClientSampleId :

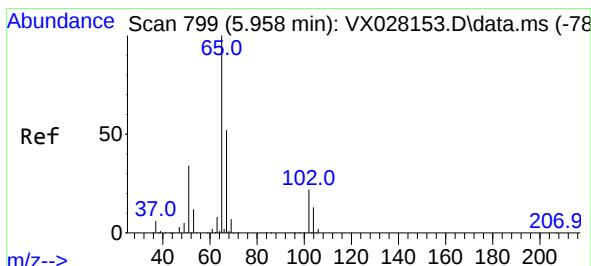
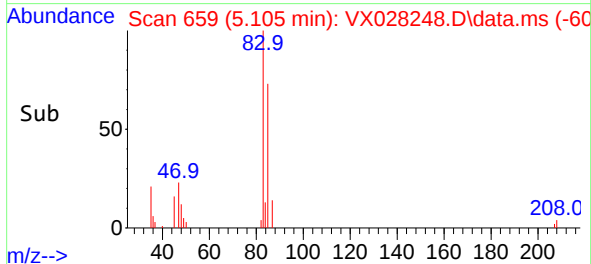
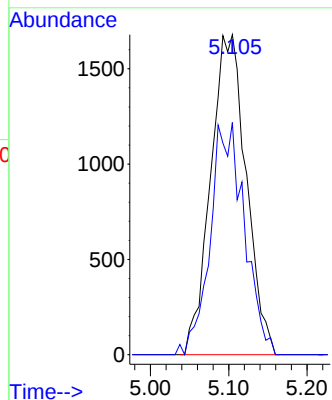
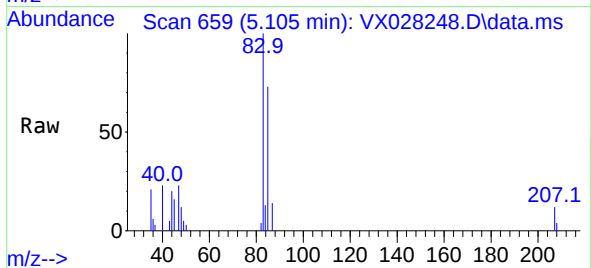
4922A

Tgt Ion: 83 Resp: 5304

Ion Ratio Lower Upper

83 100

85 72.5 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 55.942 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028248.D

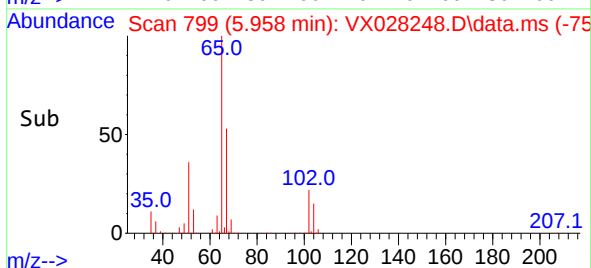
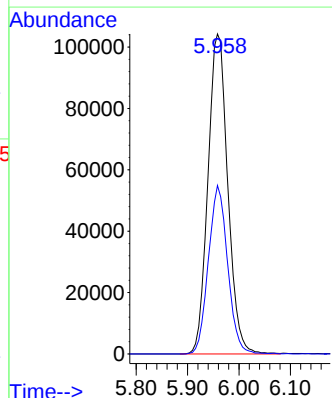
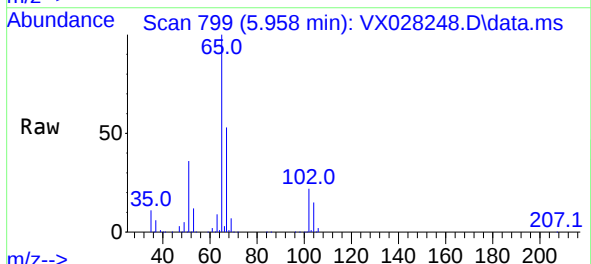
Acq: 21 Apr 2022 17:56

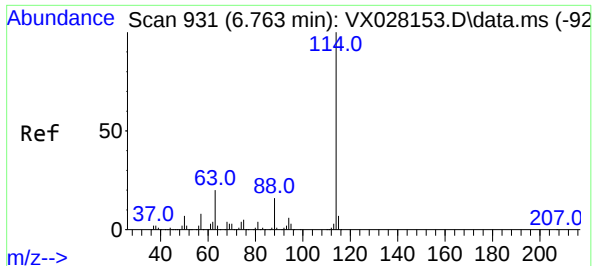
Tgt Ion: 65 Resp: 279419

Ion Ratio Lower Upper

65 100

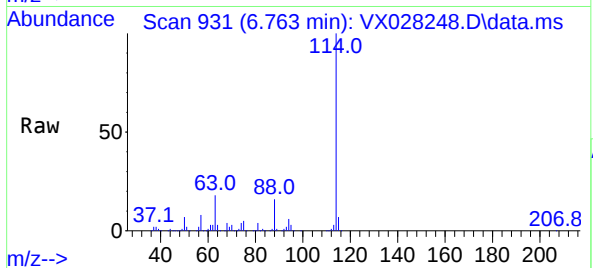
67 51.0 0.0 107.4



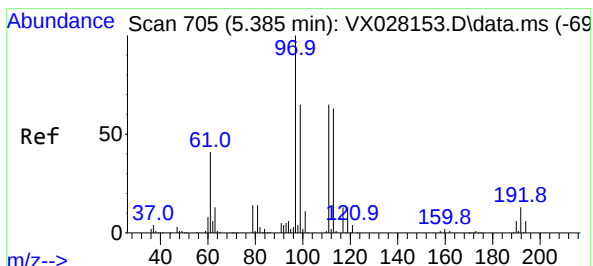
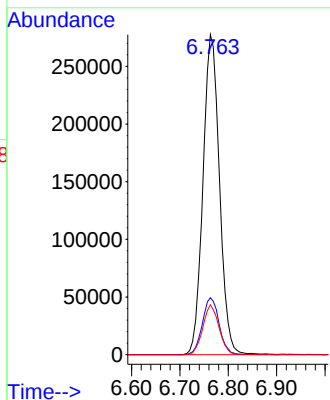
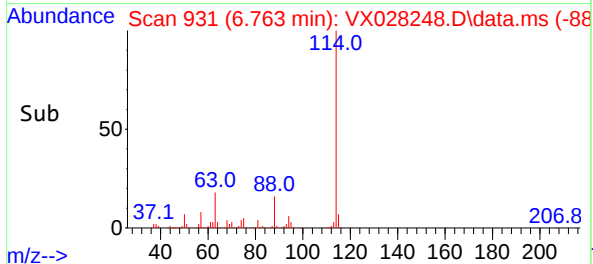


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

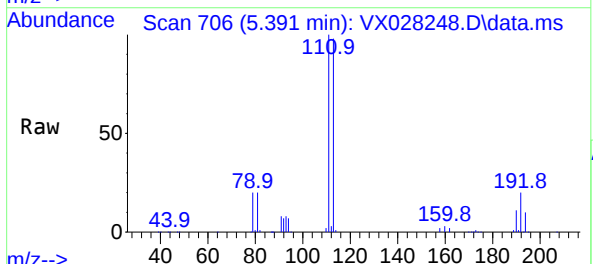
Instrument :
MSVOA_X
ClientSampleId :
4922A



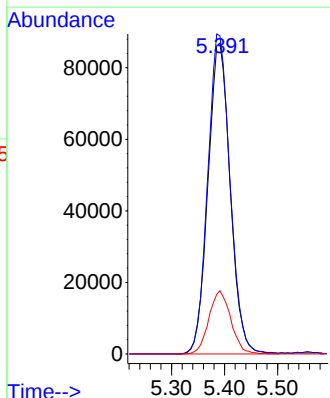
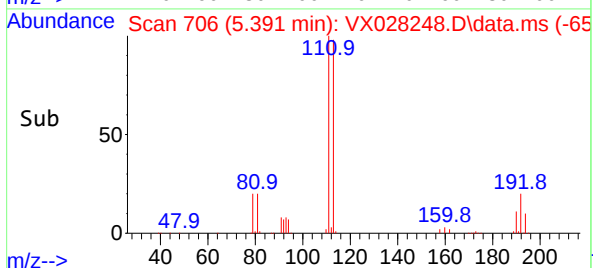
Tgt Ion:114 Resp: 658416
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 15.6 0.0 32.4

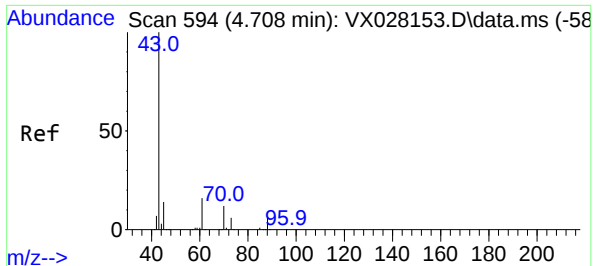


#35
Dibromofluoromethane
Concen: 54.731 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56



Tgt Ion:113 Resp: 252717
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 20.1 16.9 25.3





#37

Ethyl Acetate

Concen: 0.520 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.013 min

Lab File: VX028248.D

Acq: 21 Apr 2022 17:56

Instrument :

MSVOA_X

ClientSampleId :

4922A

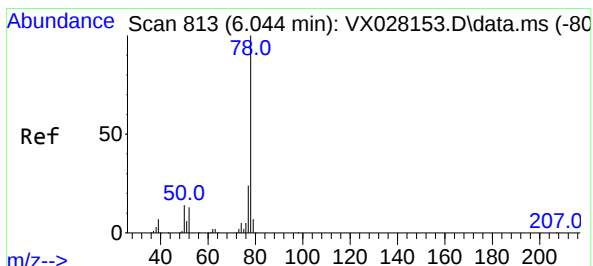
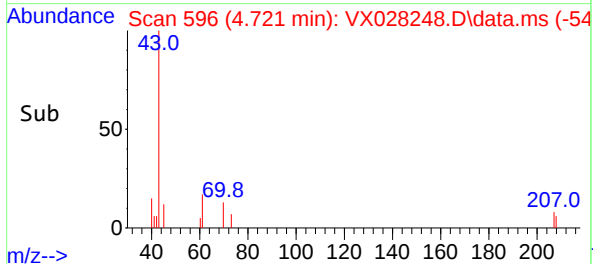
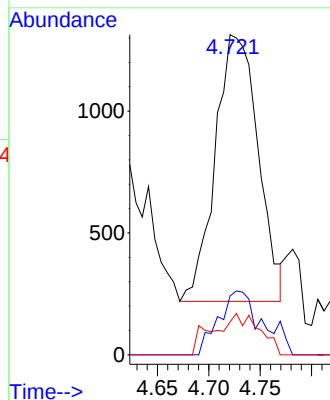
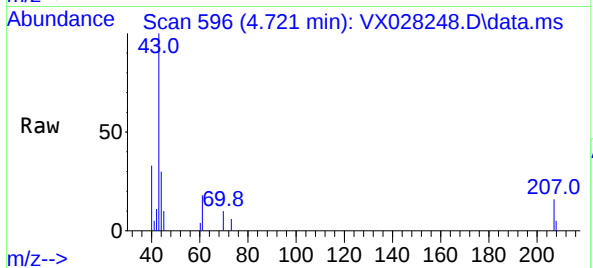
Tgt Ion: 43 Resp: 3178

Ion Ratio Lower Upper

43 100

61 24.3 12.6 19.0#

70 10.8 10.2 15.2



#40

Benzene

Concen: 0.244 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX028248.D

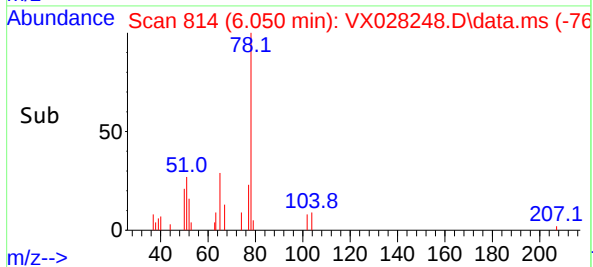
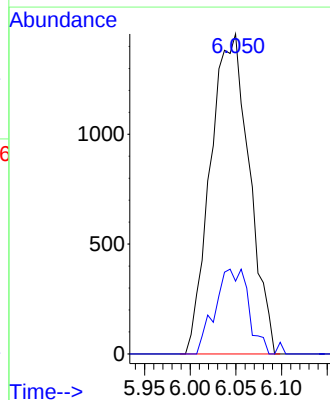
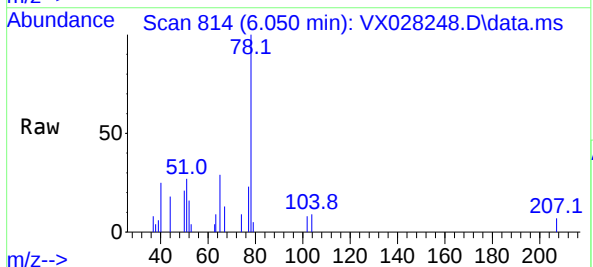
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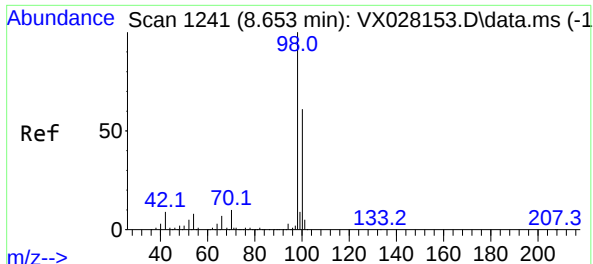
Tgt Ion: 78 Resp: 4298

Ion Ratio Lower Upper

78 100

77 22.7 19.3 28.9

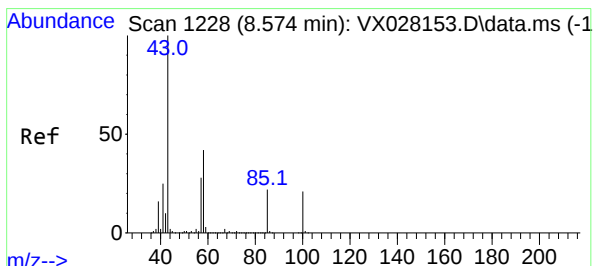
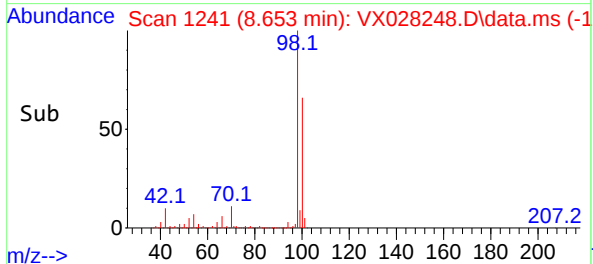
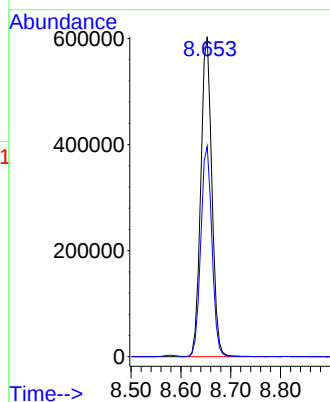
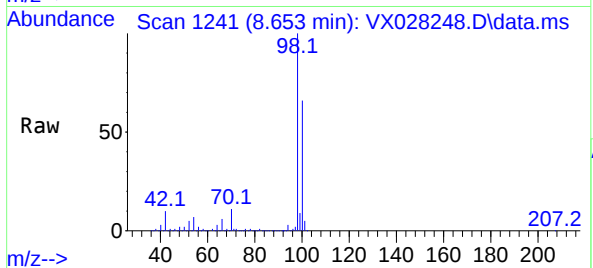




#50
Toluene-d8
Concen: 52.361 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

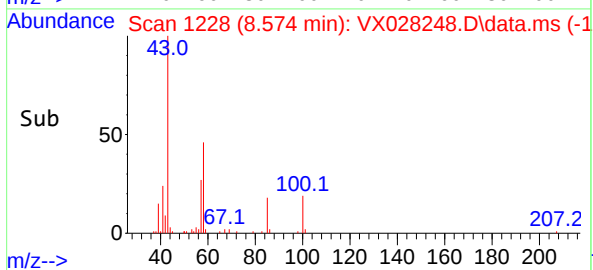
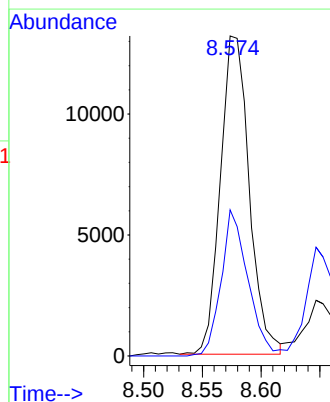
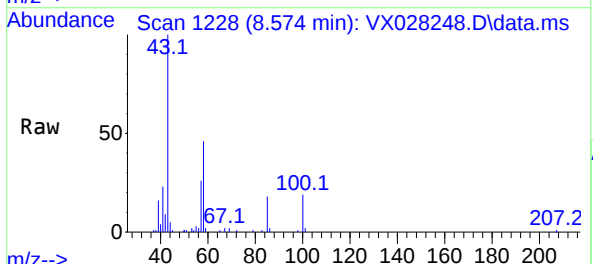
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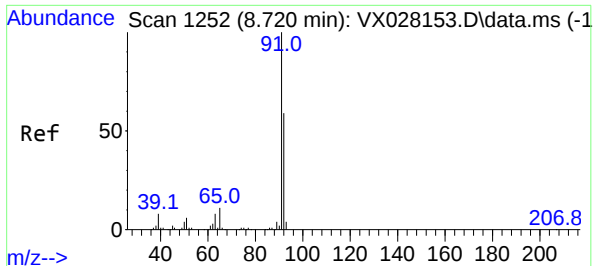
Tgt Ion: 98 Resp: 928595
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 3.531 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

Tgt Ion: 43 Resp: 22535
Ion Ratio Lower Upper
43 100
58 42.8 36.1 54.1

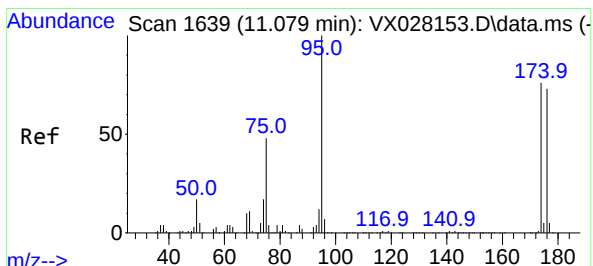
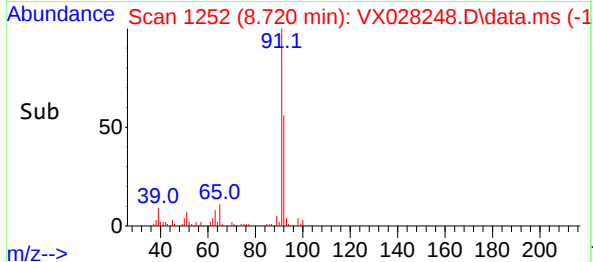
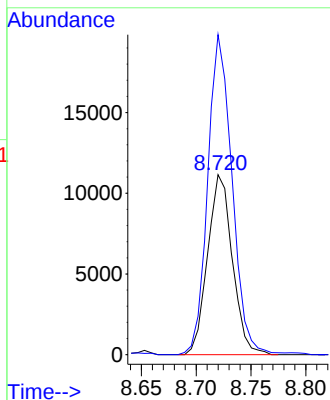
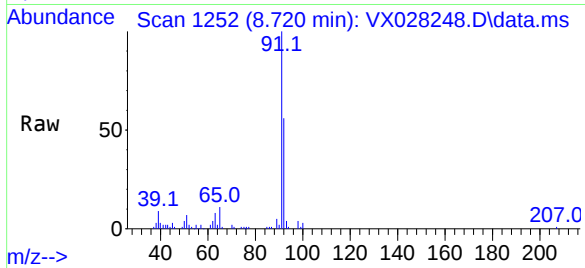




#52
Toluene
Concen: 1.431 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

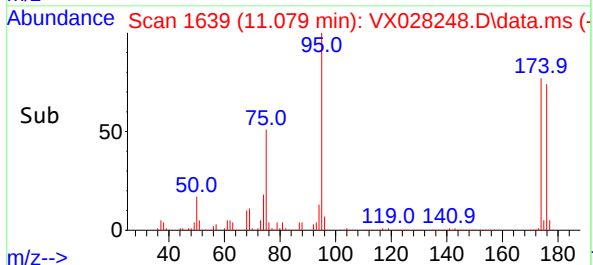
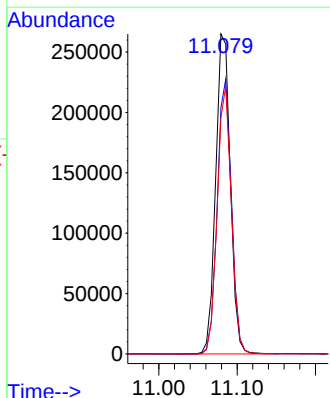
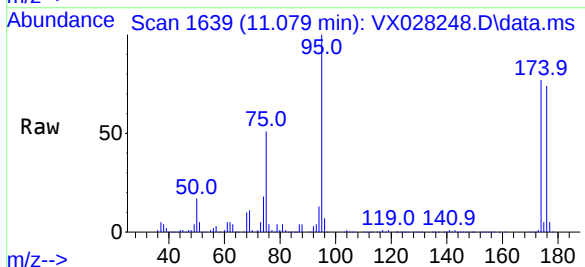
Instrument :
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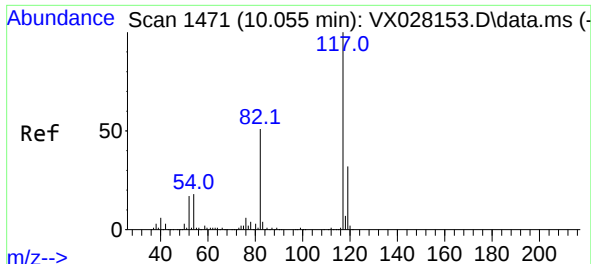
Tgt Ion: 92 Resp: 17533
Ion Ratio Lower Upper
92 100
91 175.3 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 51.011 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

Tgt Ion: 95 Resp: 345901
Ion Ratio Lower Upper
95 100
174 83.4 0.0 163.0
176 80.8 0.0 155.0

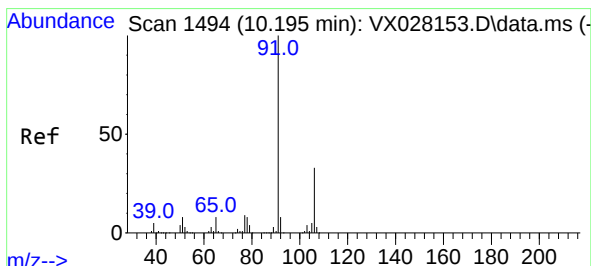
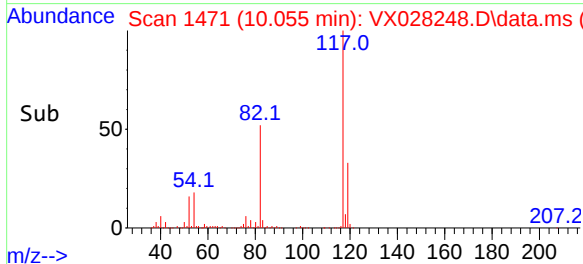
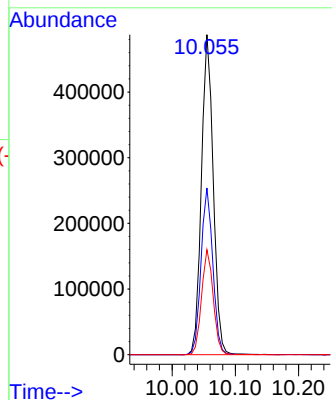
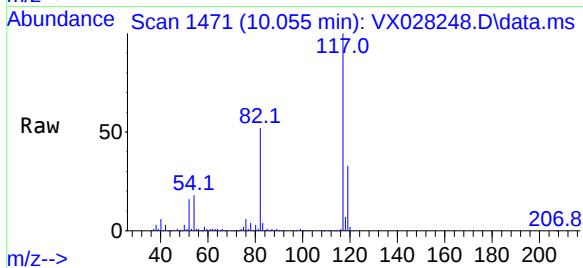




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

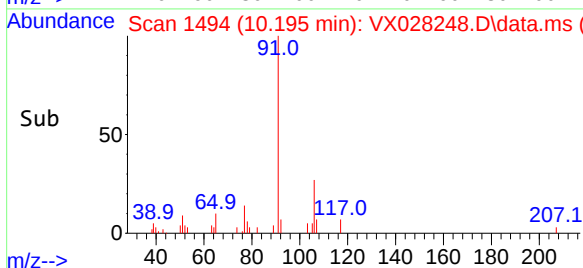
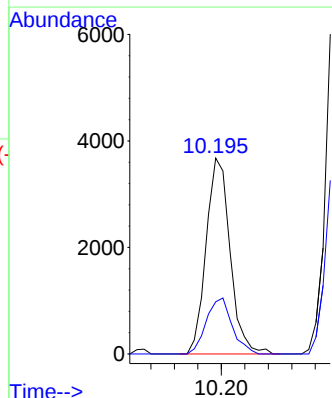
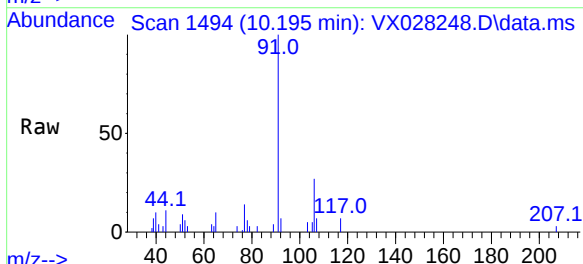
Instrument :
MSVOA_X
ClientSampleId :
4922A

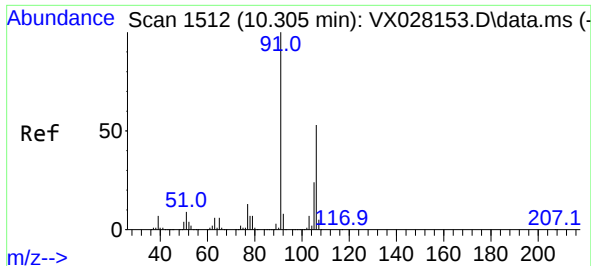
Tgt Ion:117 Resp: 635903
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 32.8 24.8 37.2



#67
Ethyl Benzene
Concen: 0.229 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

Tgt Ion: 91 Resp: 5208
Ion Ratio Lower Upper
91 100
106 26.7 24.6 36.8

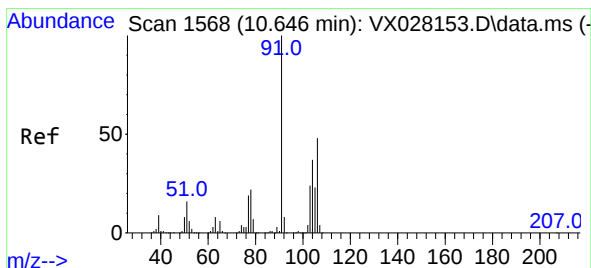
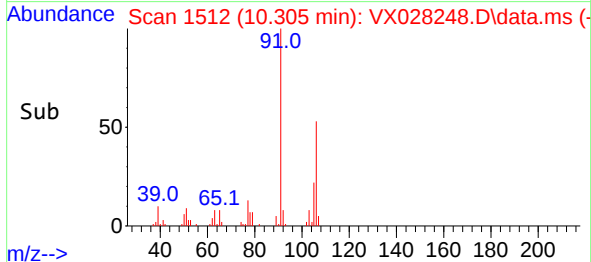
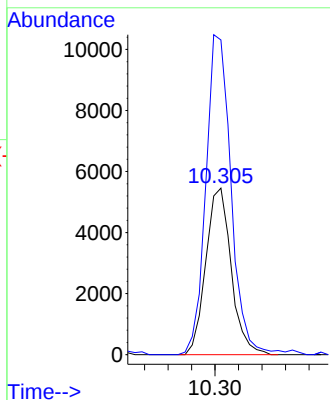
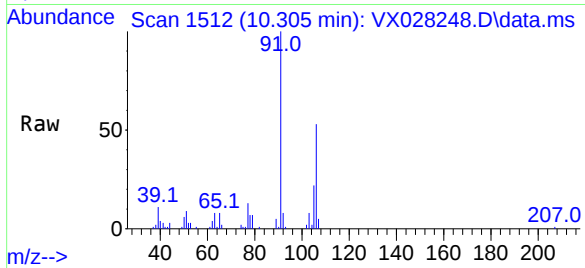




#68
m/p-Xylenes
Concen: 0.886 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

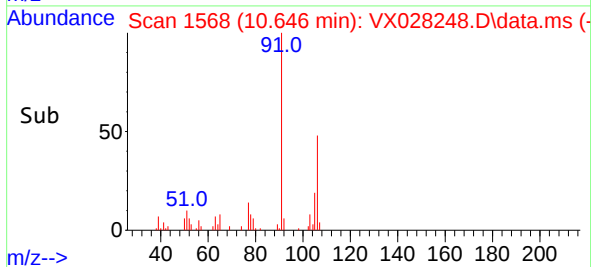
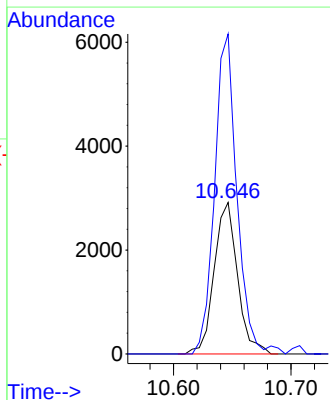
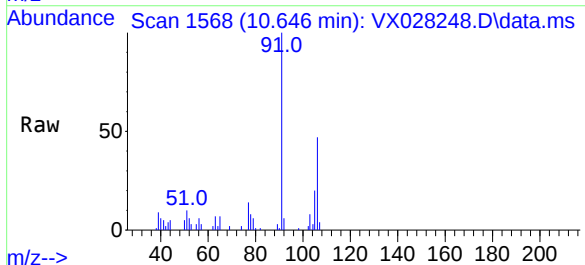
Instrument :
MSVOA_X
ClientSampleId :
4922A

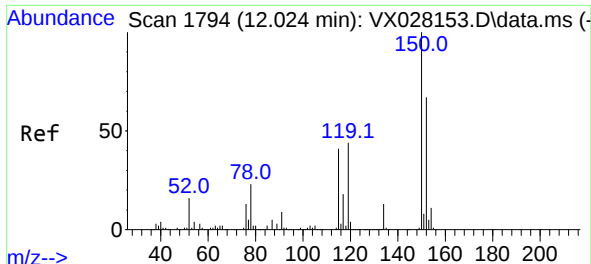
Tgt Ion:106 Resp: 8194
Ion Ratio Lower Upper
106 100
91 191.6 160.4 240.6



#69
o-Xylene
Concen: 0.437 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

Tgt Ion:106 Resp: 4035
Ion Ratio Lower Upper
106 100
91 201.4 106.1 318.1

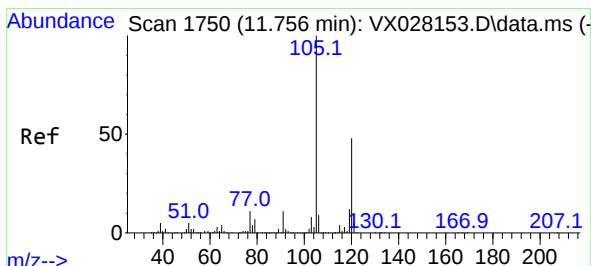
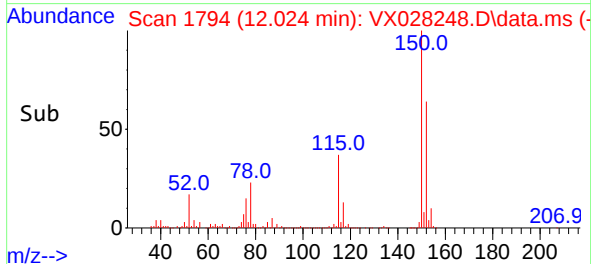
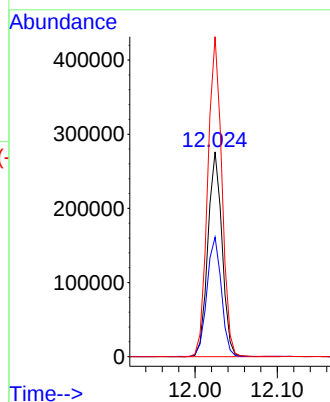
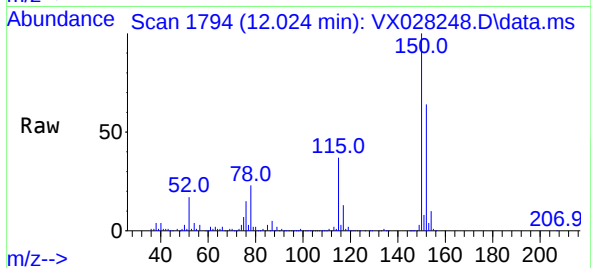




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028248.D
 Acq: 21 Apr 2022 17:56

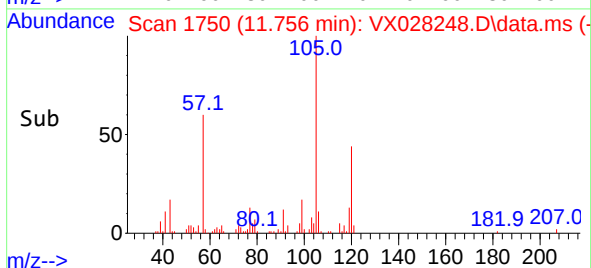
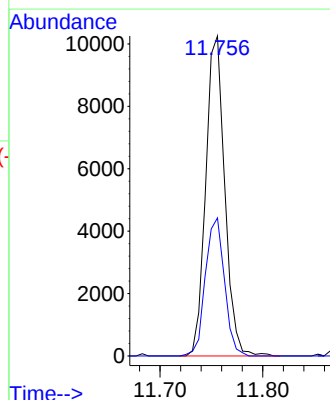
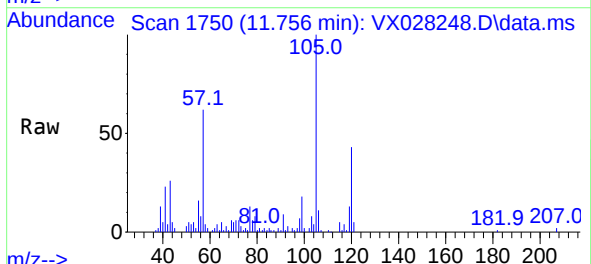
Instrument :
 MSVOA_X
 ClientSampleId :
 4922A

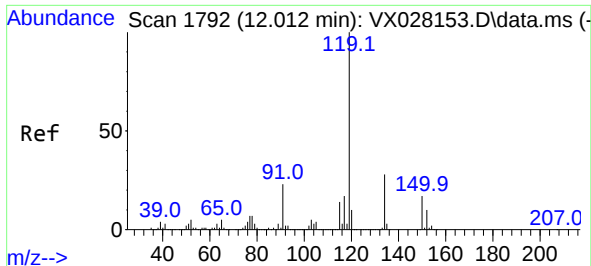
Tgt Ion:152 Resp: 330255
 Ion Ratio Lower Upper
 152 100
 115 59.6 37.5 112.7
 150 156.2 0.0 338.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.690 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX028248.D
 Acq: 21 Apr 2022 17:56

Tgt Ion:105 Resp: 13217
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.6 67.8

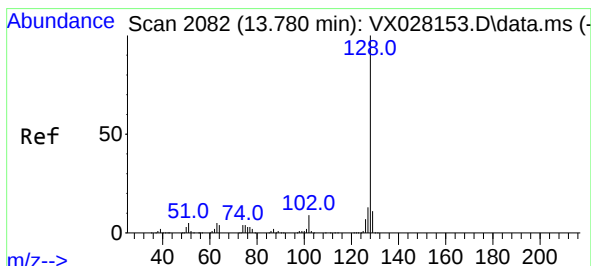
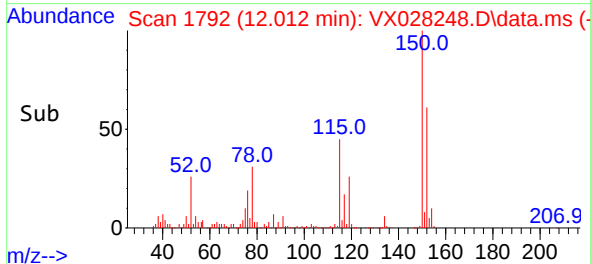
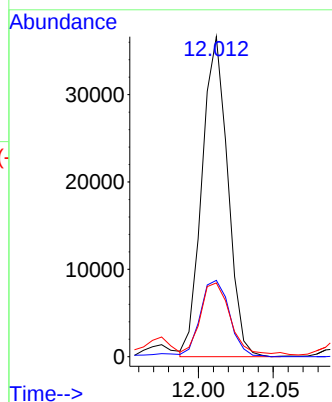
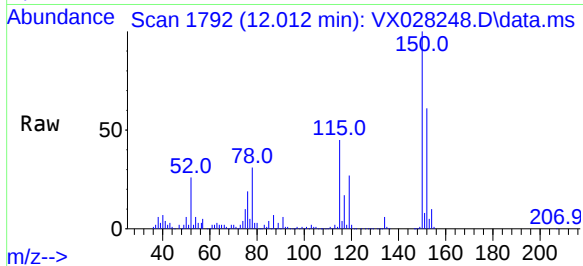




#86
p-Isopropyltoluene
Concen: 2.142 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

Instrument :
MSVOA_X
ClientSampleId :
4922A

Tgt Ion:	119	Resp:	43856
Ion	Ratio	Lower	Upper
119	100		
134	28.2	13.0	39.0
91	26.9	11.3	33.9



#95
Naphthalene
Concen: 3.333 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX028248.D
Acq: 21 Apr 2022 17:56

Tgt Ion:	128	Resp:	72874
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	11.5	8.7	13.1

