

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028255.D
 Acq On : 21 Apr 2022 20:39
 Operator : JC/MD
 Sample : N2511-08 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1551

Quant Time: Apr 22 06:20:12 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)

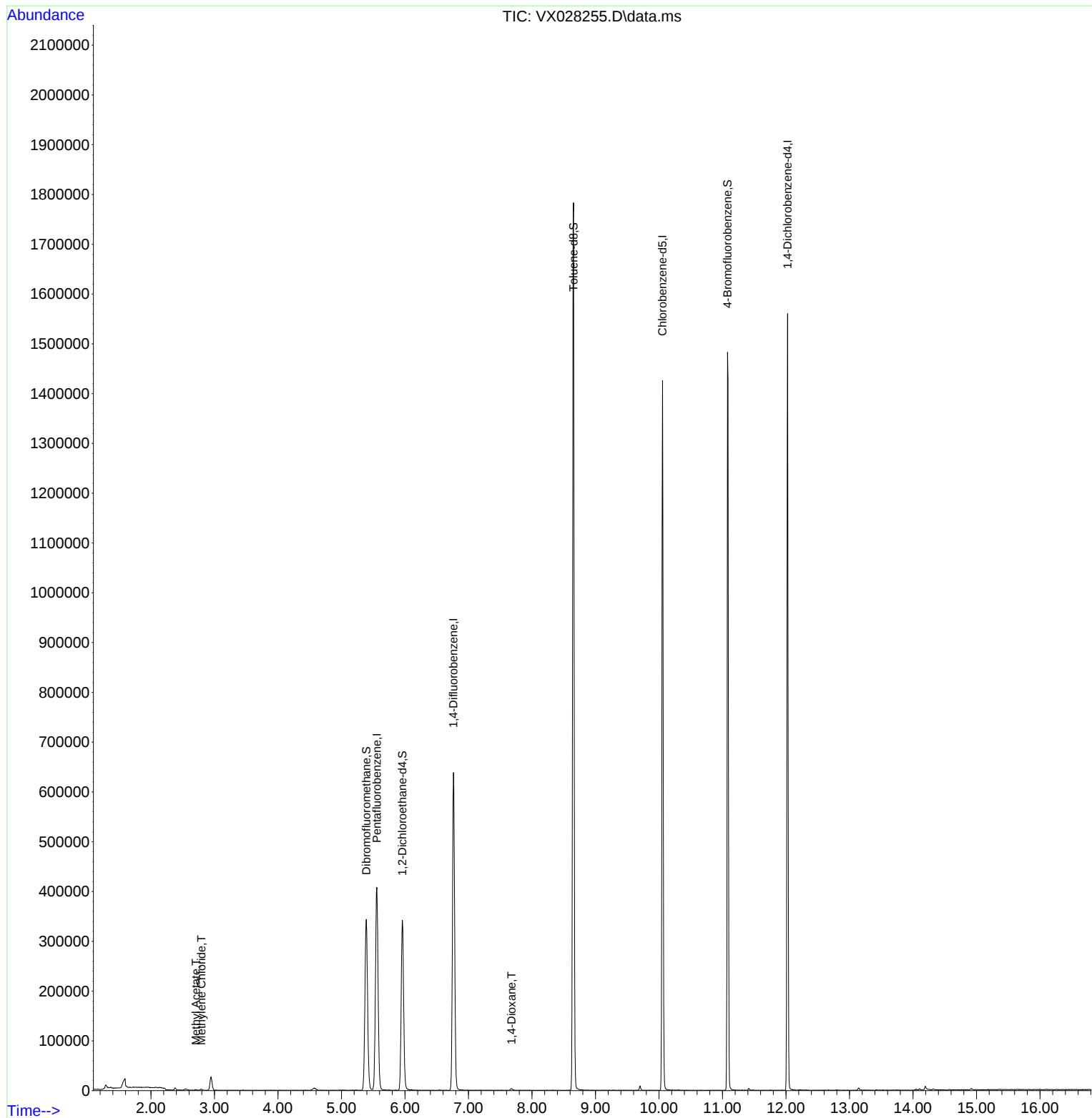
Internal Standards						
1) Pentafluorobenzene	5.556	168	399244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	692133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	654441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	315120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	326788	62.775	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 125.560%		
35) Dibromofluoromethane	5.391	113	296611	61.108	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 122.220%		
50) Toluene-d8	8.653	98	1088109	58.366	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 116.740%		
62) 4-Bromofluorobenzene	11.079	95	397624	55.782	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 111.560%		
Target Compounds						Qvalue
18) Methyl Acetate	2.709	43	1775	0.383	ug/l	91
20) Methylene Chloride	2.794	84	1074	0.278	ug/l #	68
49) 1,4-Dioxane	7.678	88	3015	23.478	ug/l	90

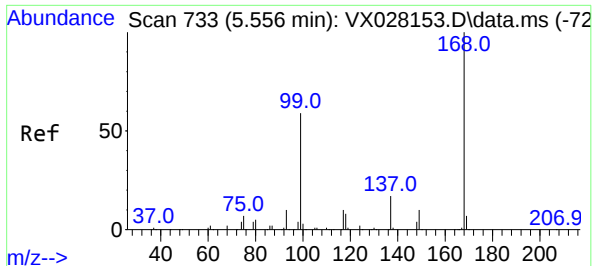
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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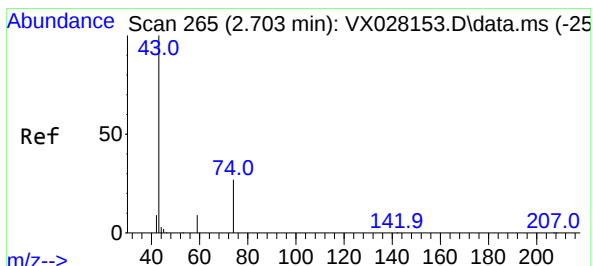
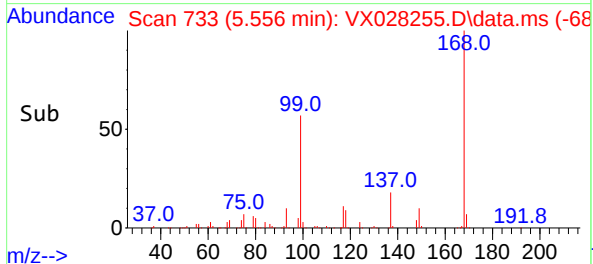
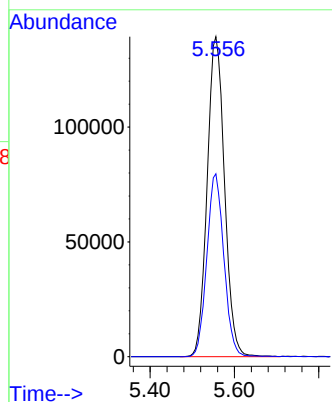
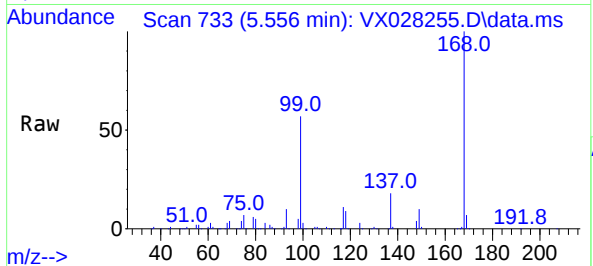




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028255.D
Acq: 21 Apr 2022 20:39

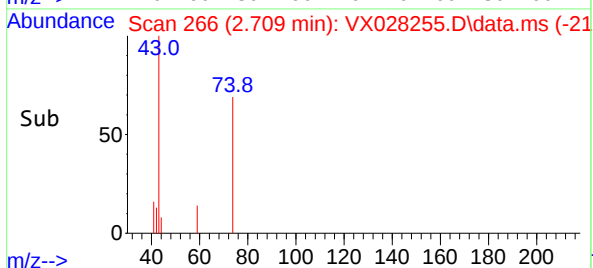
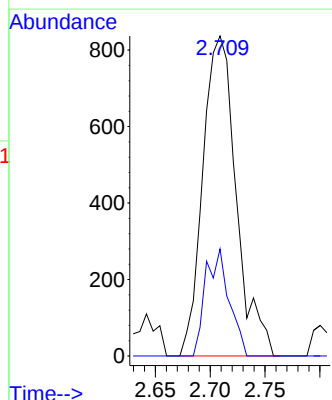
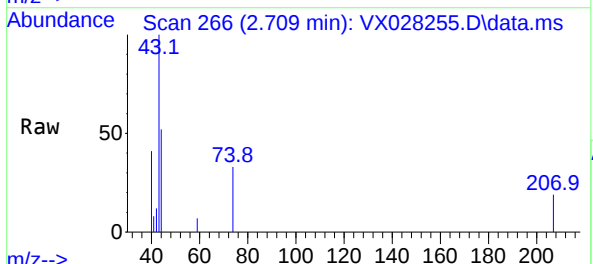
Instrument :
MSVOA_X
ClientSampleId :
1551

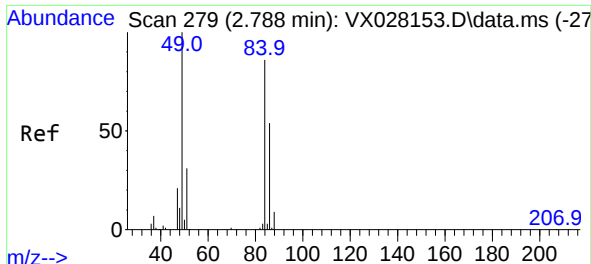
Tgt Ion:168 Resp: 399244
Ion Ratio Lower Upper
168 100
99 57.2 41.7 62.5



#18
Methyl Acetate
Concen: 0.383 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX028255.D
Acq: 21 Apr 2022 20:39

Tgt Ion: 43 Resp: 1775
Ion Ratio Lower Upper
43 100
74 23.5 22.8 34.2

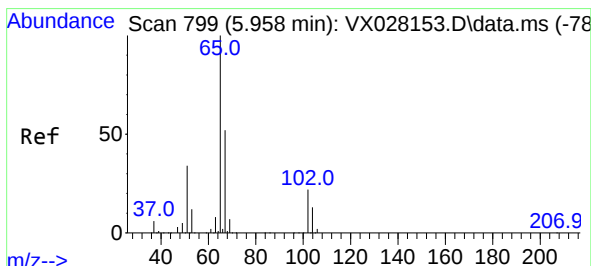
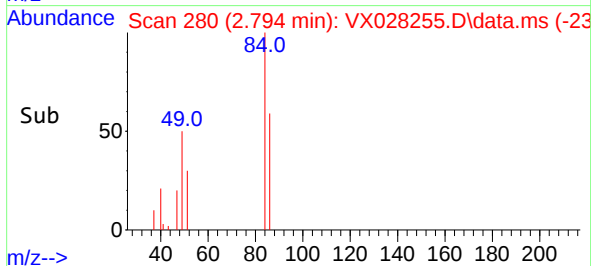
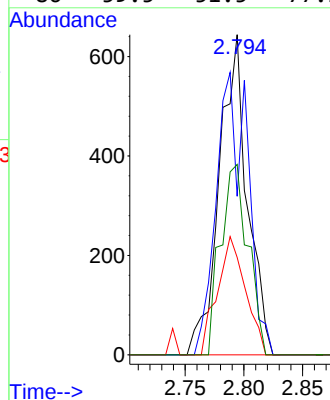
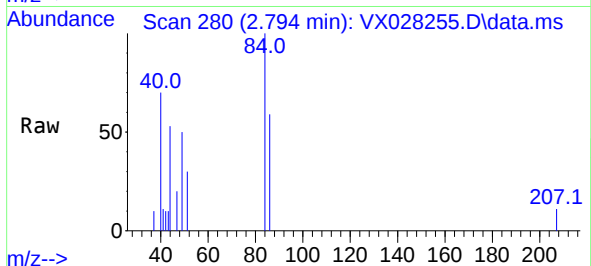




#20
Methylene Chloride
Concen: 0.278 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028255.D
Acq: 21 Apr 2022 20:39

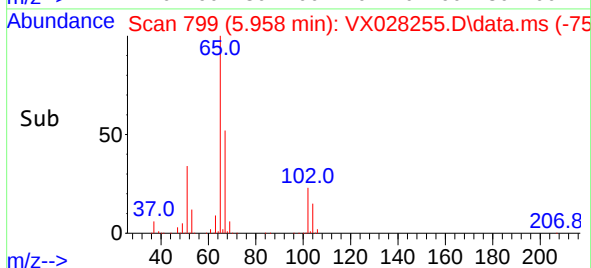
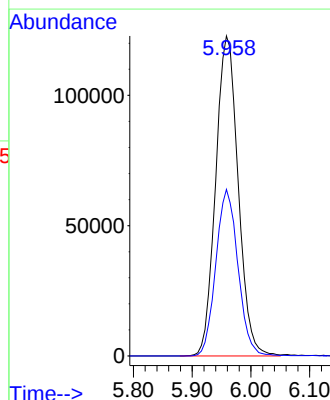
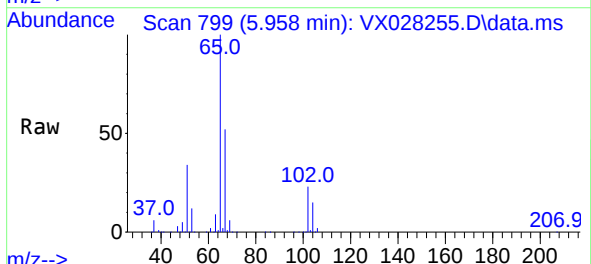
Instrument :
MSVOA_X
ClientSampleId :
1551

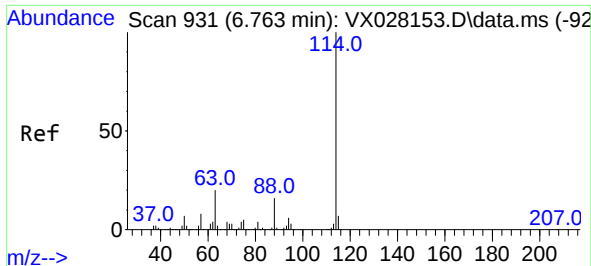
Tgt Ion: 84 Resp: 1074
Ion Ratio Lower Upper
84 100
49 49.5 85.5 128.3#
51 30.4 26.6 39.8
86 59.5 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 62.775 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028255.D
Acq: 21 Apr 2022 20:39

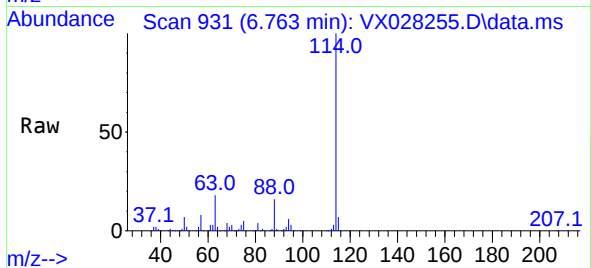
Tgt Ion: 65 Resp: 326788
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.4



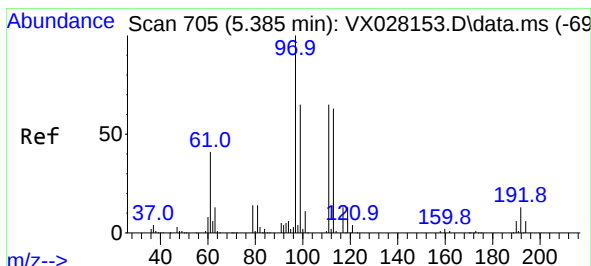
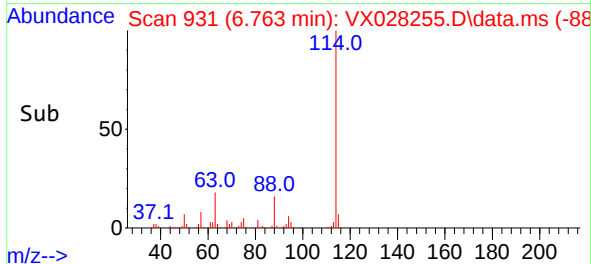
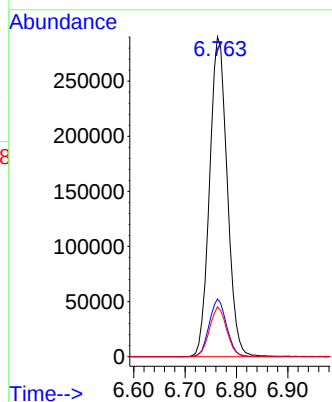


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028255.D
Acq: 21 Apr 2022 20:39

Instrument :
MSVOA_X
ClientSampleId :
1551

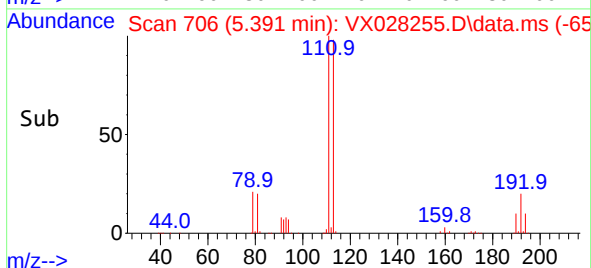
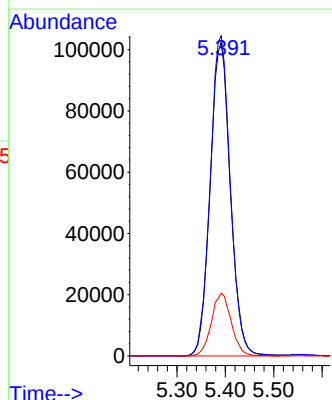
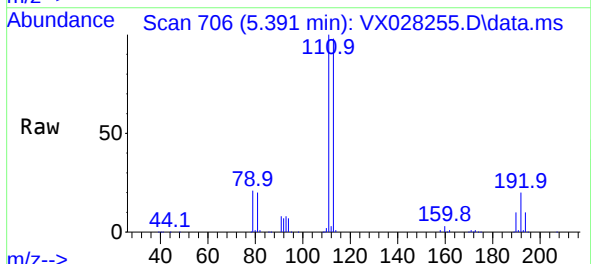


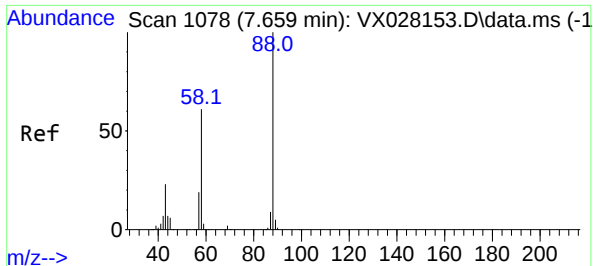
Tgt Ion:114 Resp: 692133
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 61.108 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028255.D
Acq: 21 Apr 2022 20:39

Tgt Ion:113 Resp: 296611
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 19.7 16.9 25.3

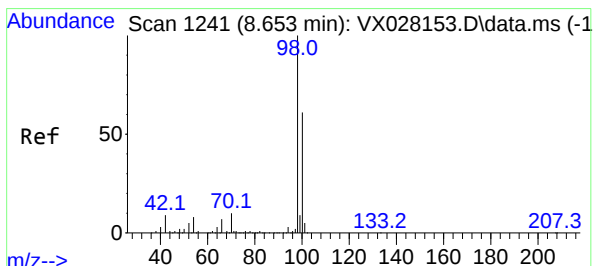
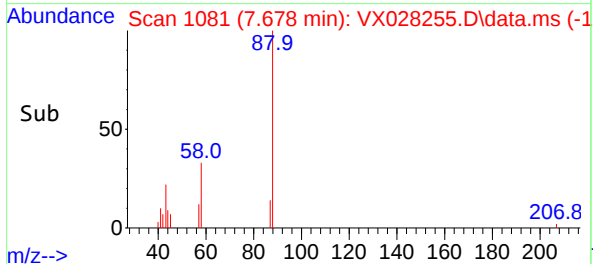
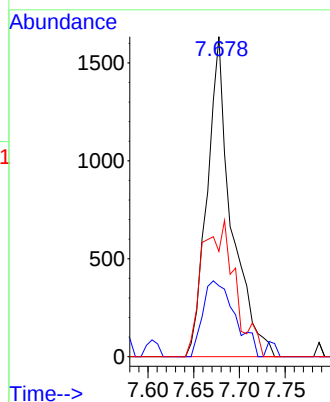
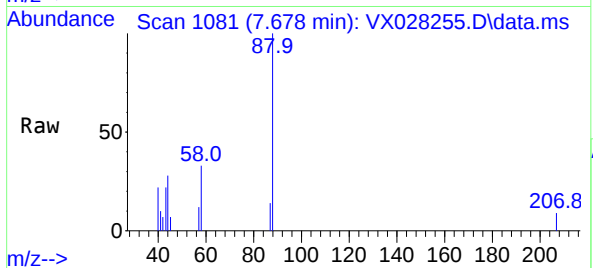




#49
1,4-Dioxane
Concen: 23.478 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.019 min
Lab File: VX028255.D
Acq: 21 Apr 2022 20:39

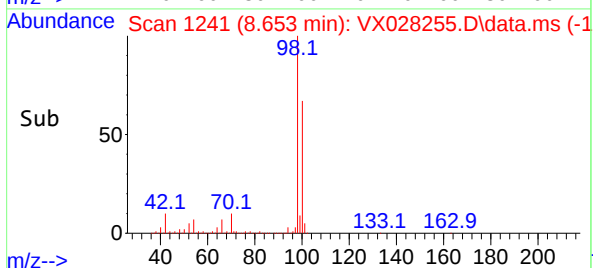
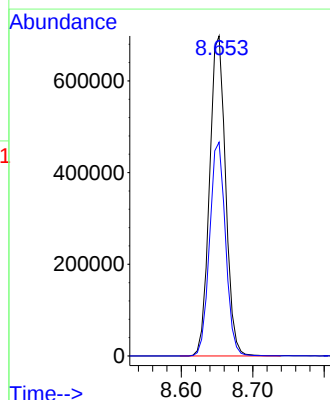
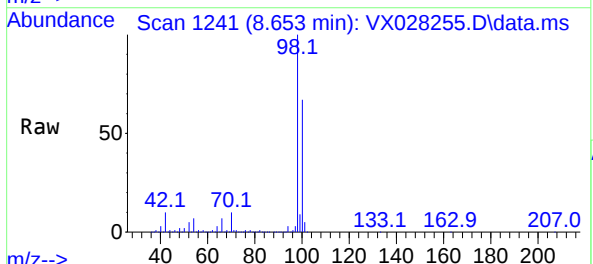
Instrument :
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ClientSampleId :
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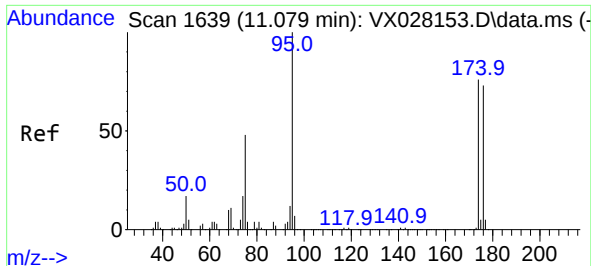
Tgt Ion: 88 Resp: 3015
Ion Ratio Lower Upper
88 100
43 31.3 21.9 32.9
58 57.8 53.7 80.5



#50
Toluene-d8
Concen: 58.366 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028255.D
Acq: 21 Apr 2022 20:39

Tgt Ion: 98 Resp: 1088109
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

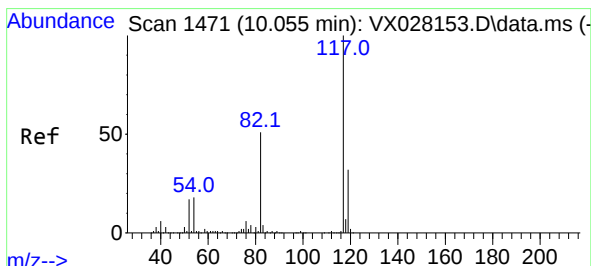
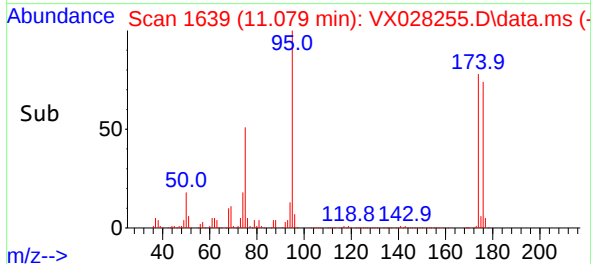
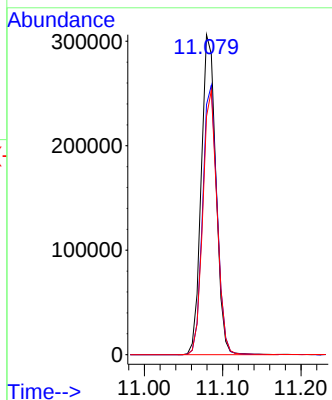
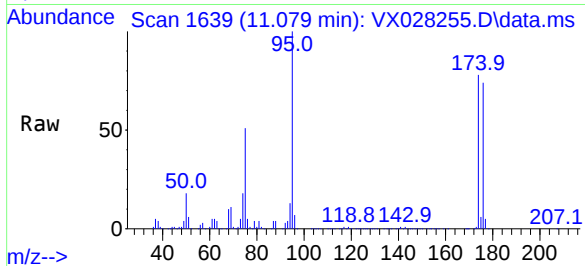




#62
4-Bromofluorobenzene
Concen: 55.782 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028255.D
Acq: 21 Apr 2022 20:39

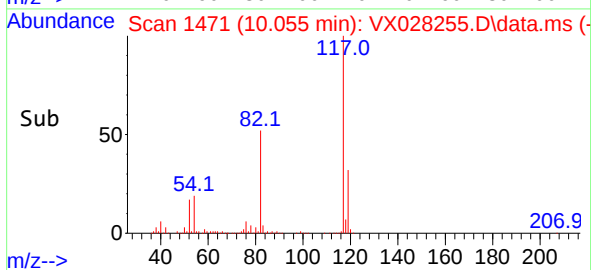
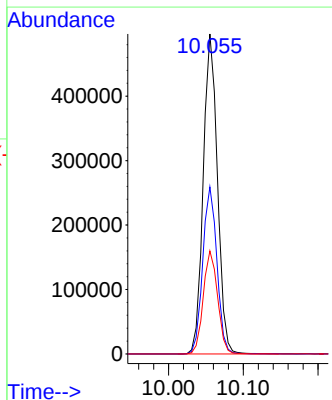
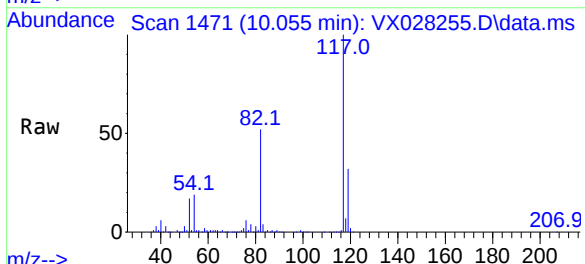
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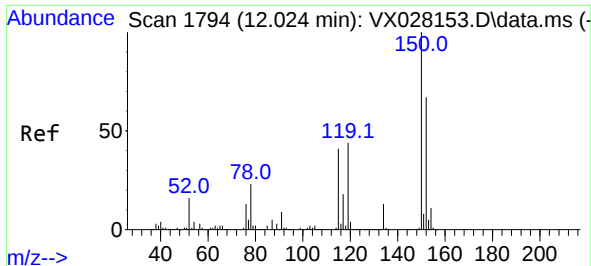
Tgt Ion: 95 Resp: 397624
Ion Ratio Lower Upper
95 100
174 83.0 0.0 163.0
176 80.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028255.D
Acq: 21 Apr 2022 20:39

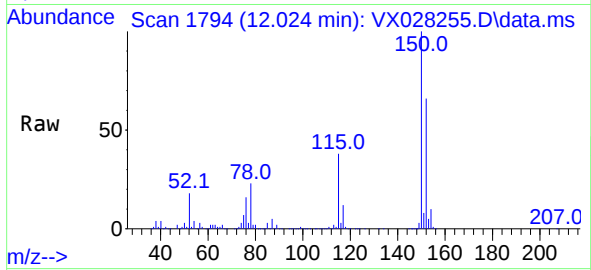
Tgt Ion: 117 Resp: 654441
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.2 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028255.D
 Acq: 21 Apr 2022 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 1551



Tgt Ion:152 Resp: 315120
 Ion Ratio Lower Upper
 152 100
 115 59.0 37.5 112.7
 150 157.2 0.0 338.2

