

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026953.D
 Acq On : 11 Feb 2022 05:03
 Operator : JC/MD
 Sample : N1497-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7S

Quant Time: Feb 11 07:36:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

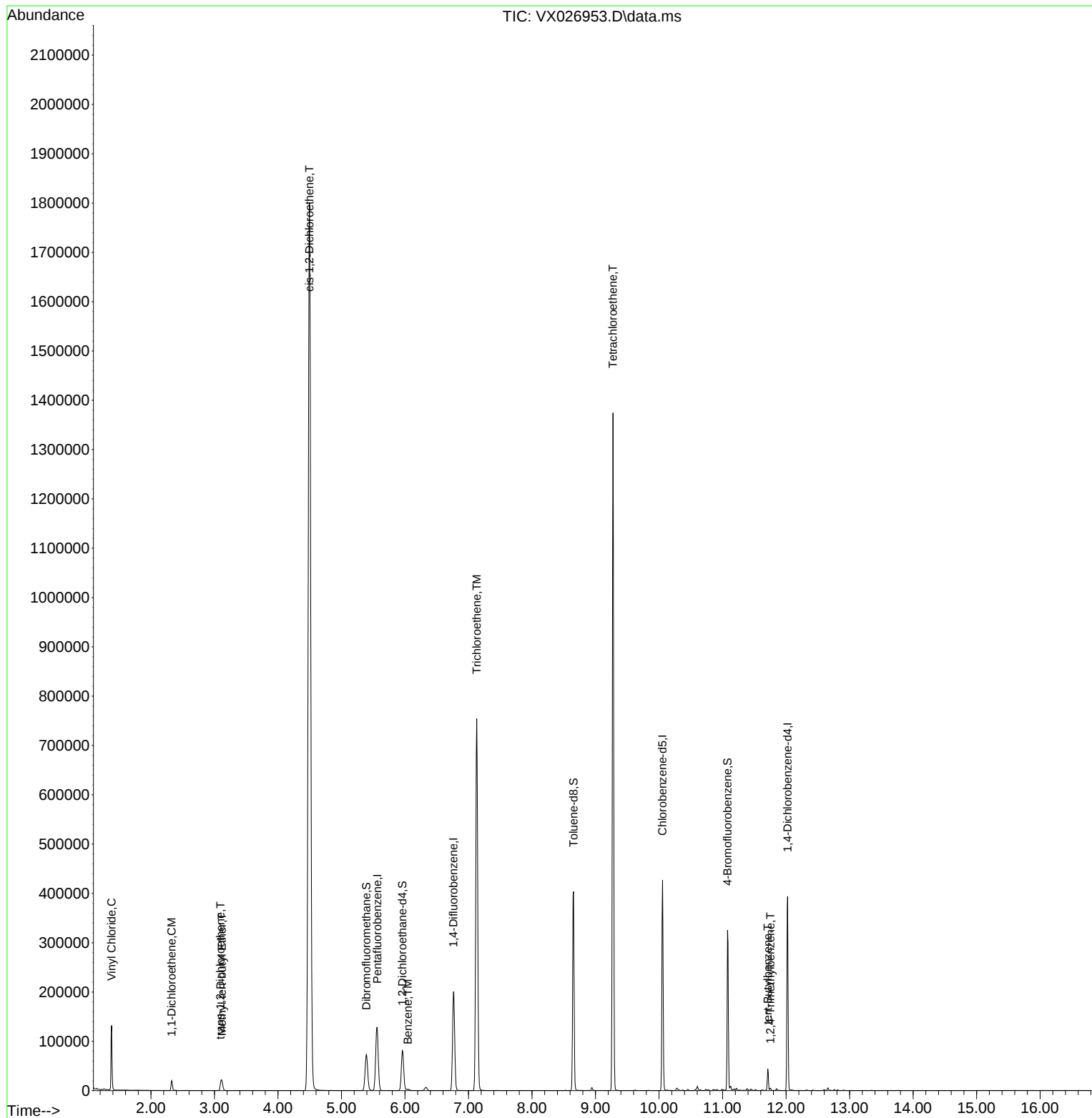
Internal Standards						
1) Pentafluorobenzene	5.562	168	122726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78880	53.543	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.080%	
35) Dibromofluoromethane	5.391	113	64066	52.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.000%	
50) Toluene-d8	8.653	98	242292	54.086	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	11.079	95	89679	56.860	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.720%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	83575	64.311	ug/l	100
12) 1,1-Dichloroethene	2.325	96	6695	5.330	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	17824	4.009	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	4207	3.183	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	1148528	756.856	ug/l	89
40) Benzene	6.044	78	3360	0.599	ug/l	99
44) Trichloroethene	7.129	130	287157	170.440	ug/l	99
64) Tetrachloroethene	9.275	164	247357	130.443	ug/l	97
83) tert-Butylbenzene	11.713	119	16107	3.194	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1450	0.272	ug/l	94

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

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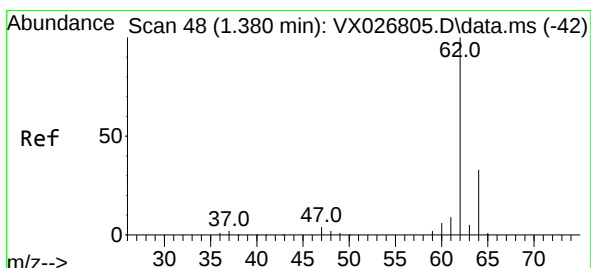
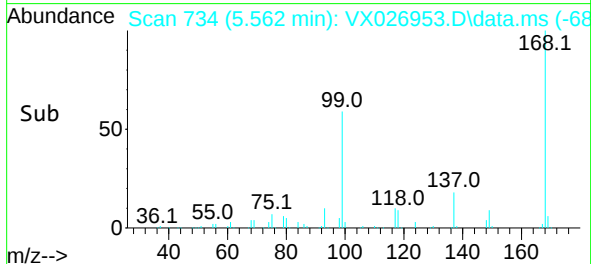
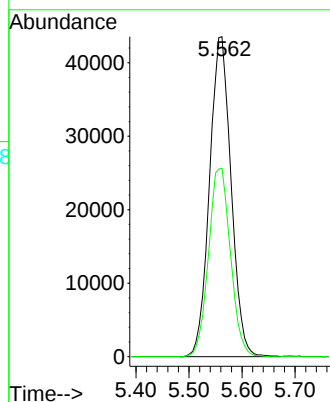
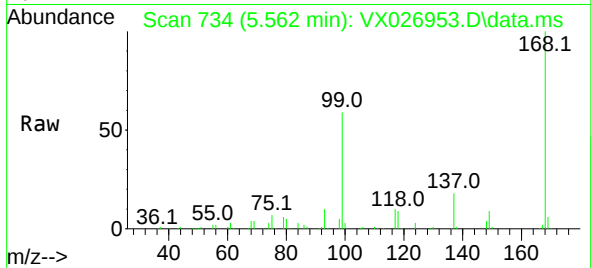




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

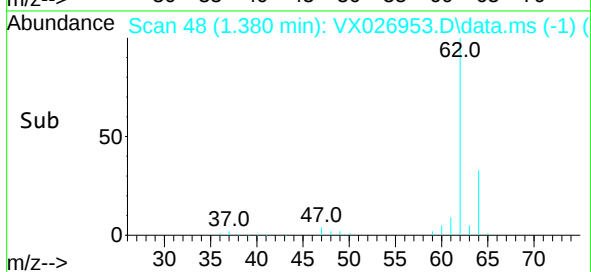
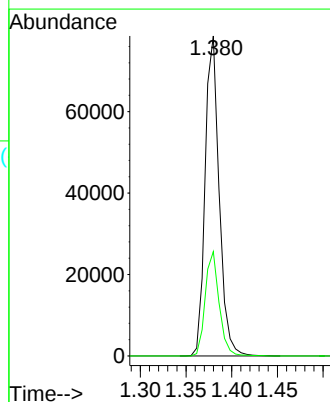
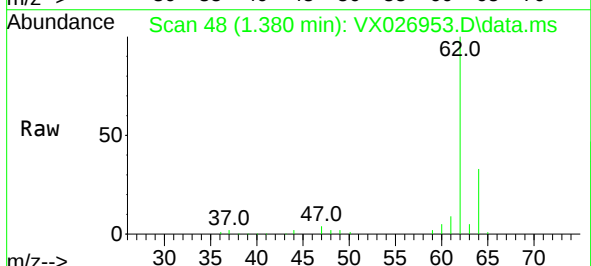
Instrument :
MSVOA_X
ClientSampleId :
MW-7S

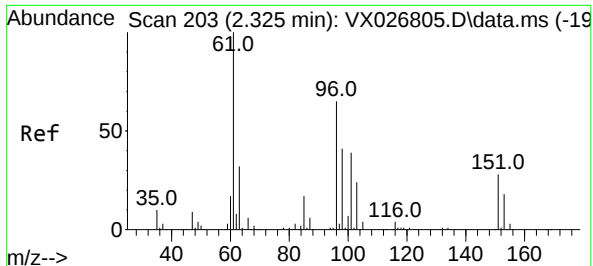
Tgt Ion:168 Resp: 122726
Ion Ratio Lower Upper
168 100
99 58.9 50.3 75.5



#4
Vinyl Chloride
Concen: 64.311 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

Tgt Ion: 62 Resp: 83575
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2





#12

1,1-Dichloroethene

Concen: 5.330 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026953.D

Acq: 11 Feb 2022 05:03

Instrument :

MSVOA_X

ClientSampleId :

MW-7S

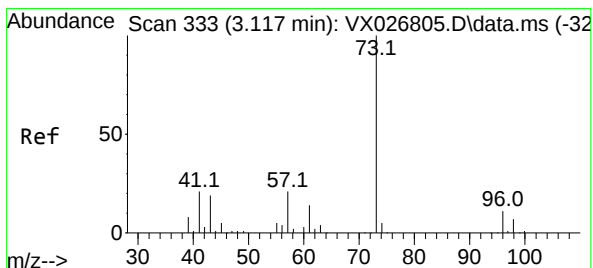
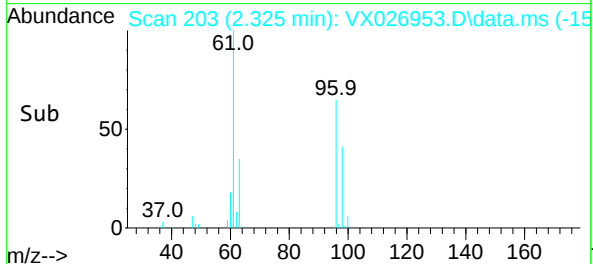
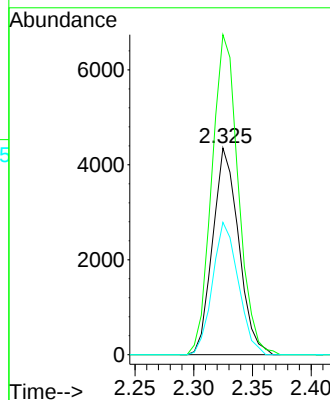
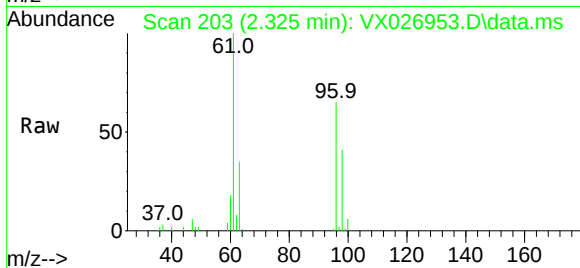
Tgt Ion: 96 Resp: 6695

Ion Ratio Lower Upper

96 100

61 154.8 138.5 207.7

98 64.0 51.8 77.6



#19

Methyl tert-butyl Ether

Concen: 4.009 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX026953.D

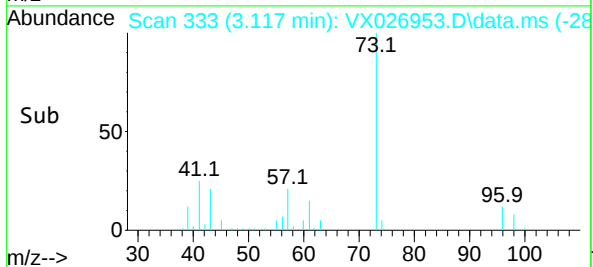
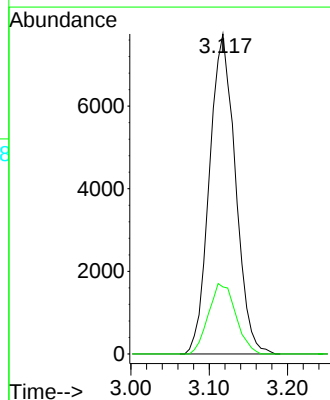
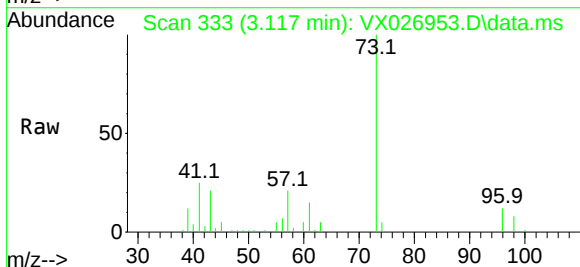
Acq: 11 Feb 2022 05:03

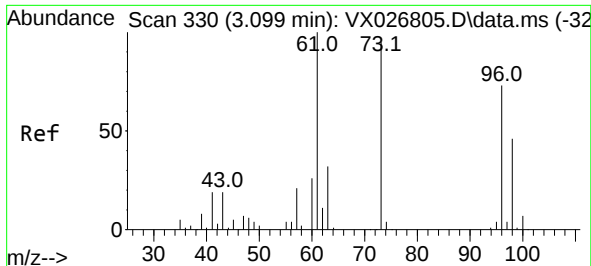
Tgt Ion: 73 Resp: 17824

Ion Ratio Lower Upper

73 100

57 21.0 17.4 26.2

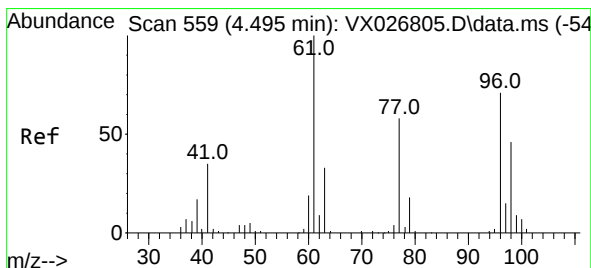
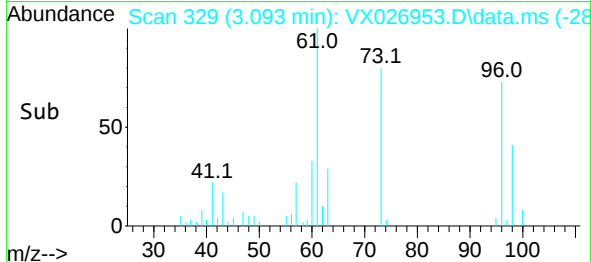
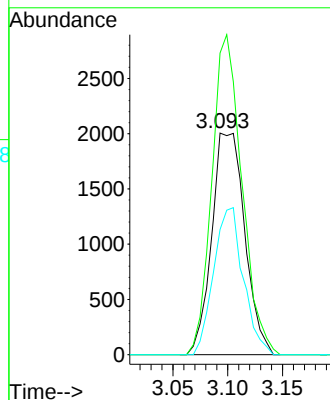
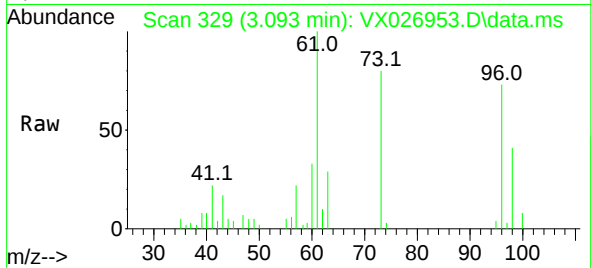




#21
trans-1,2-Dichloroethene
Concen: 3.183 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

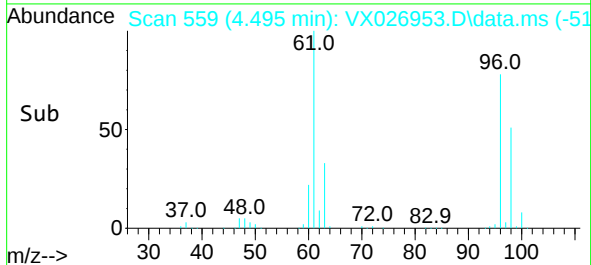
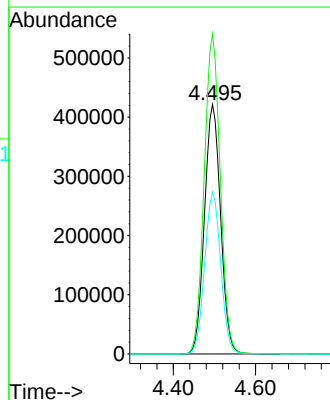
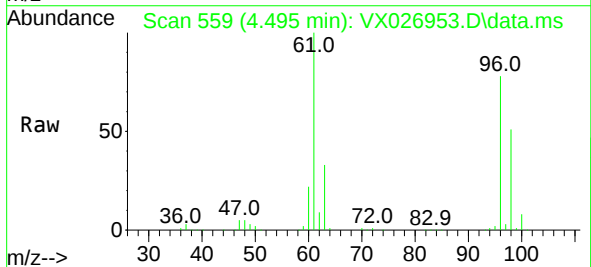
Instrument :
MSVOA_X
ClientSampleId :
MW-7S

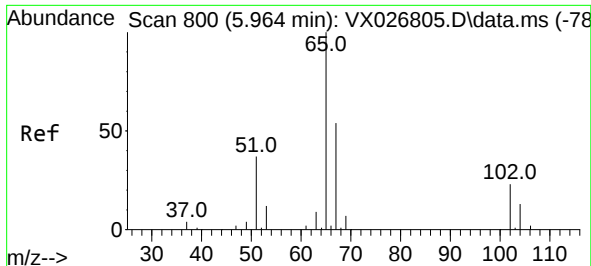
Tgt Ion: 96 Resp: 4207
Ion Ratio Lower Upper
96 100
61 136.1 112.9 169.3
98 56.5 49.5 74.3



#27
cis-1,2-Dichloroethene
Concen: 756.856 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

Tgt Ion: 96 Resp: 1148528
Ion Ratio Lower Upper
96 100
61 127.9 0.0 296.6
98 64.8 0.0 128.8

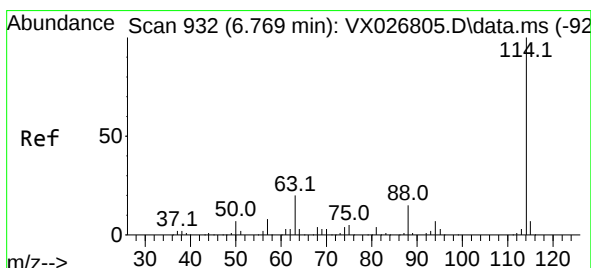
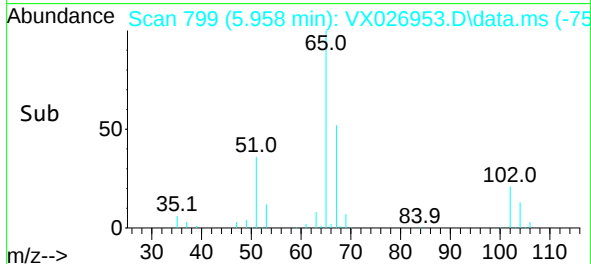
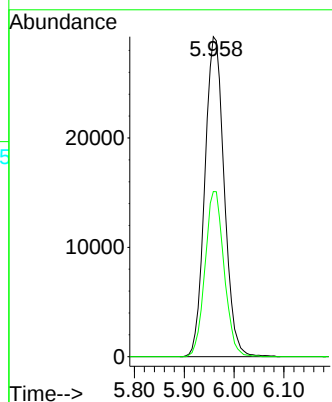
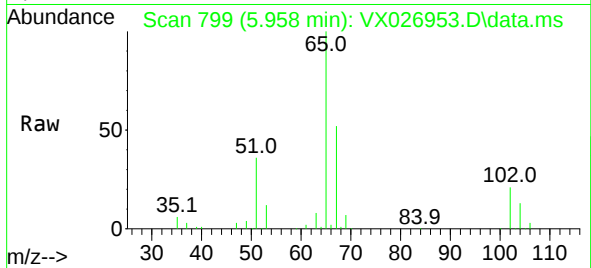




#33
1,2-Dichloroethane-d4
Concen: 53.543 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

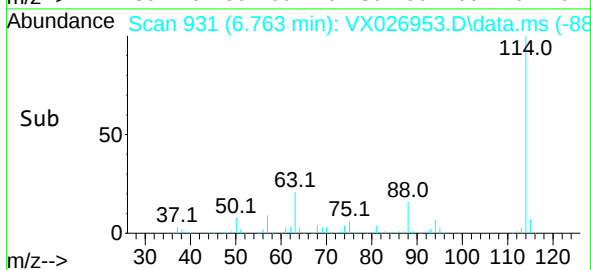
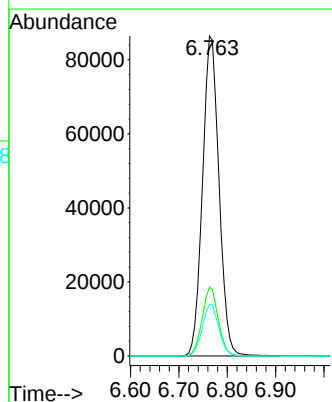
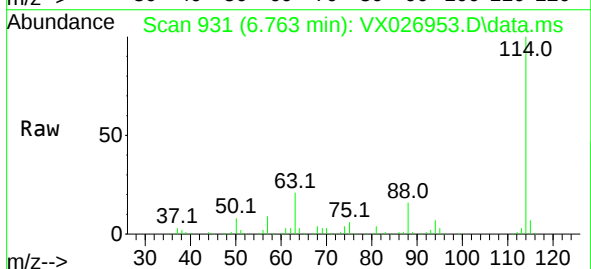
Instrument :
MSVOA_X
ClientSampleId :
MW-7S

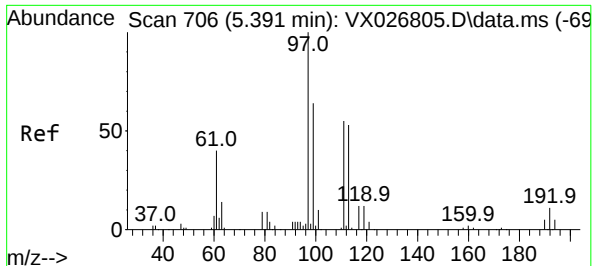
Tgt Ion: 65 Resp: 78880
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

Tgt Ion: 114 Resp: 204843
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.8
88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.495 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026953.D

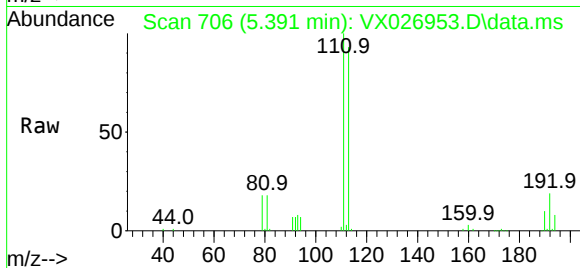
Acq: 11 Feb 2022 05:03

Instrument :

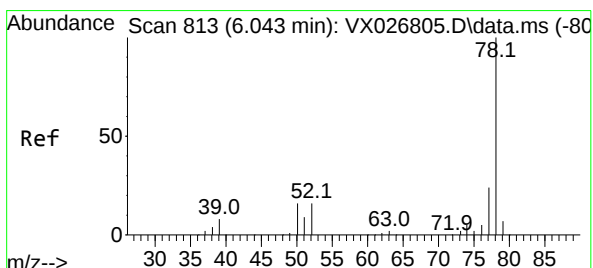
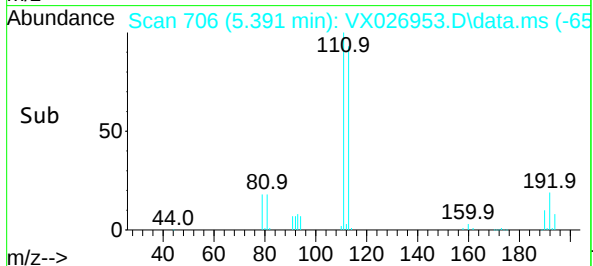
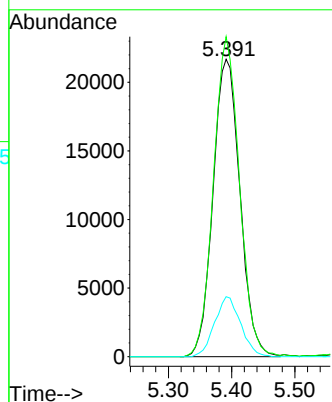
MSVOA_X

ClientSampleId :

MW-7S



Tgt Ion:	113	Resp:	64066
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.2	121.8
192	19.5	15.0	22.4



#40

Benzene

Concen: 0.599 ug/l

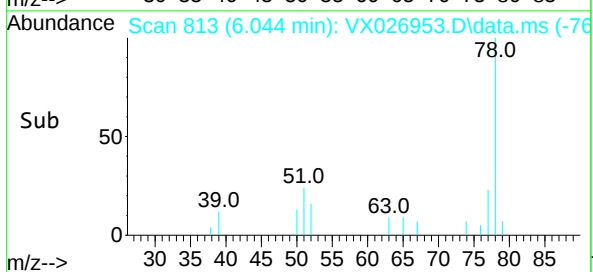
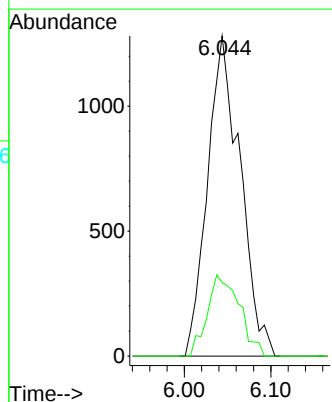
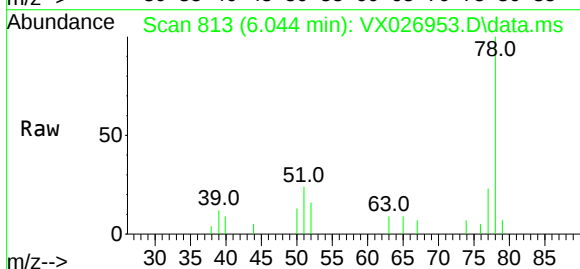
RT: 6.044 min Scan# 813

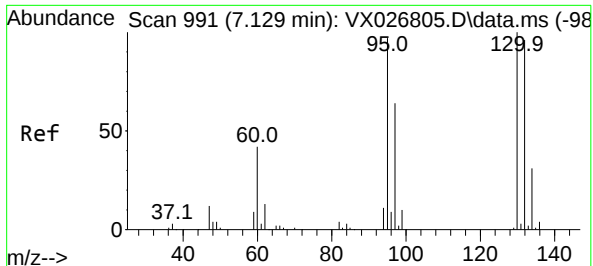
Delta R.T. 0.000 min

Lab File: VX026953.D

Acq: 11 Feb 2022 05:03

Tgt Ion:	78	Resp:	3360
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3

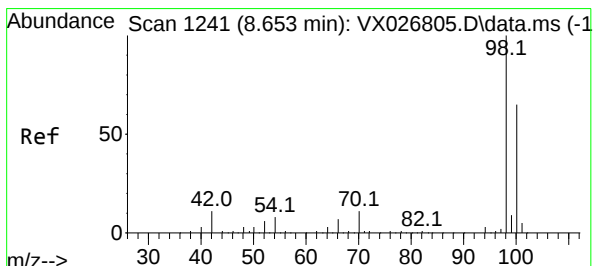
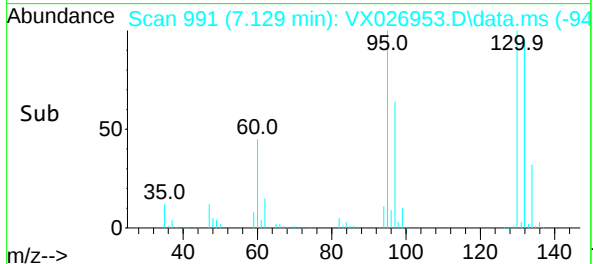
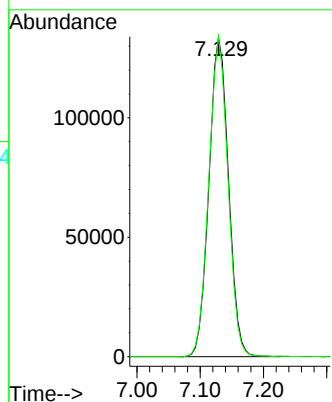
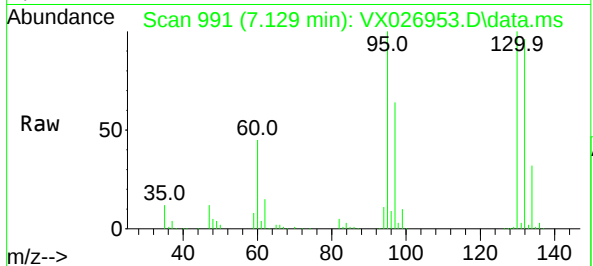




#44
Trichloroethene
Concen: 170.440 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

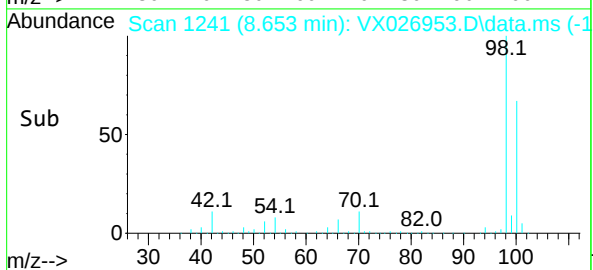
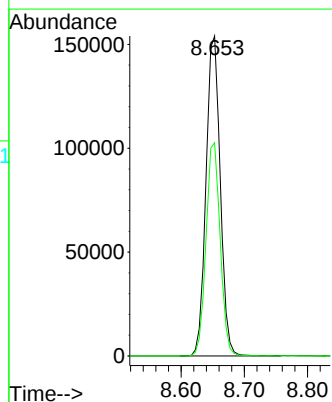
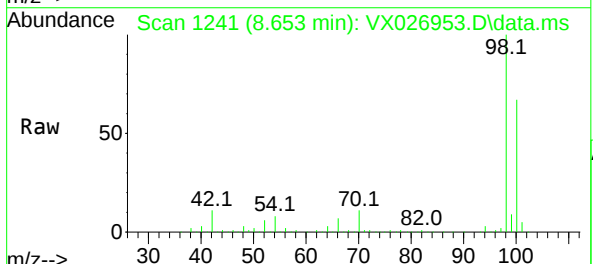
Instrument :
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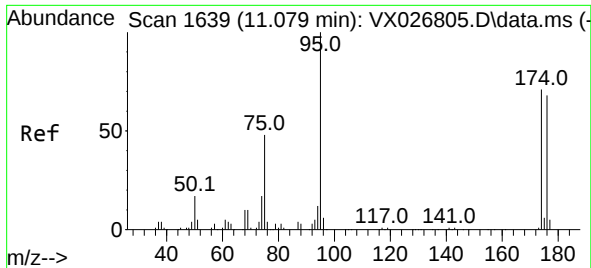
Tgt Ion:130 Resp: 287157
Ion Ratio Lower Upper
130 100
95 100.2 0.0 202.6



#50
Toluene-d8
Concen: 54.086 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

Tgt Ion: 98 Resp: 242292
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8

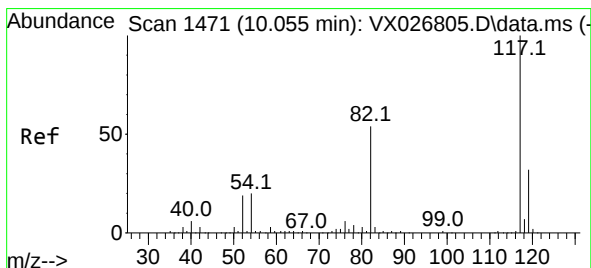
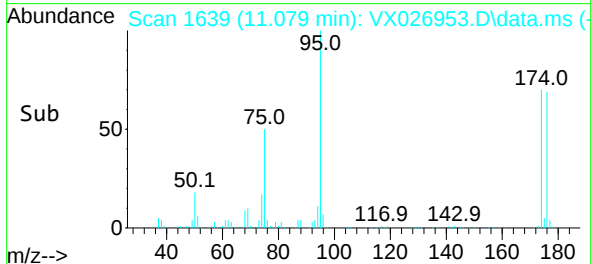
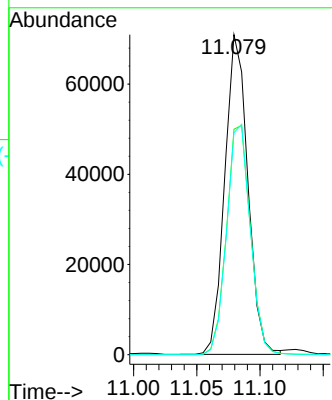
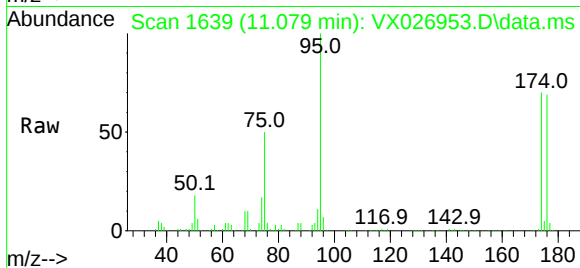




#62
4-Bromofluorobenzene
Concen: 56.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

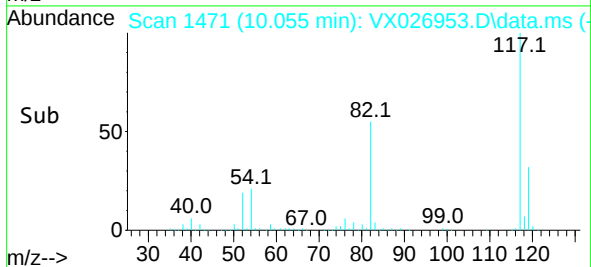
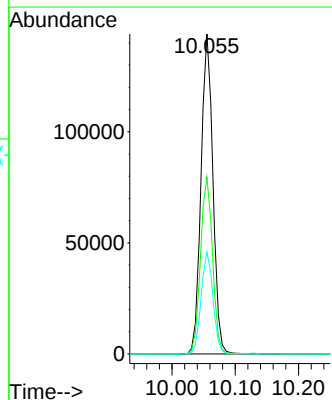
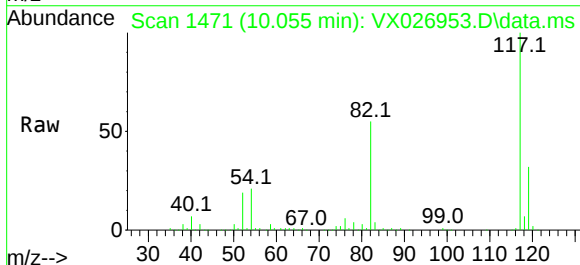
Instrument :
MSVOA_X
ClientSampleId :
MW-7S

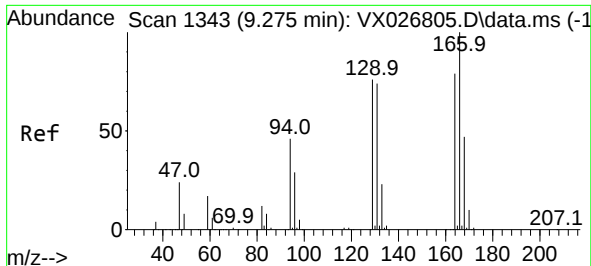
Tgt Ion: 95 Resp: 89679
Ion Ratio Lower Upper
95 100
174 74.8 0.0 148.6
176 73.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

Tgt Ion: 117 Resp: 188806
Ion Ratio Lower Upper
117 100
82 55.2 45.2 67.8
119 31.8 26.2 39.2

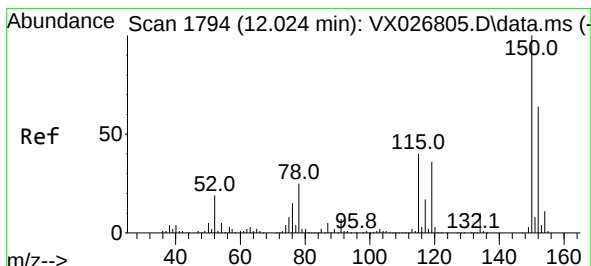
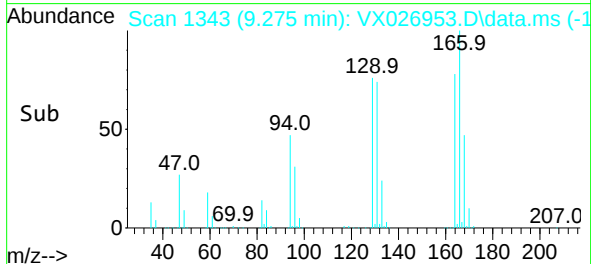
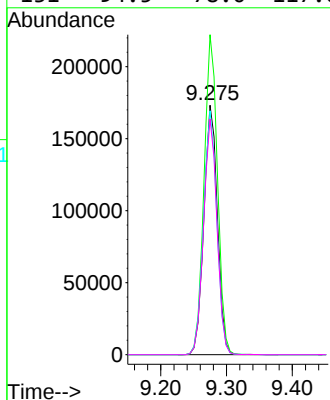
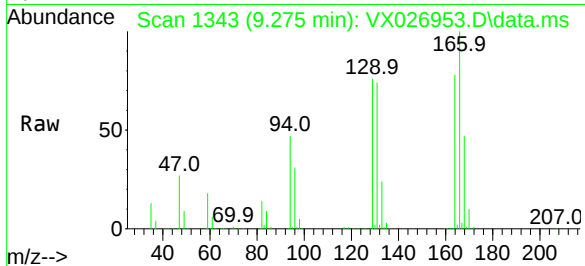




#64
Tetrachloroethene
Concen: 130.443 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

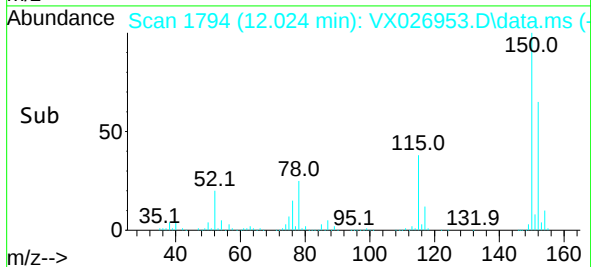
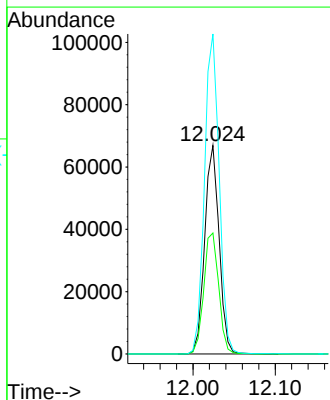
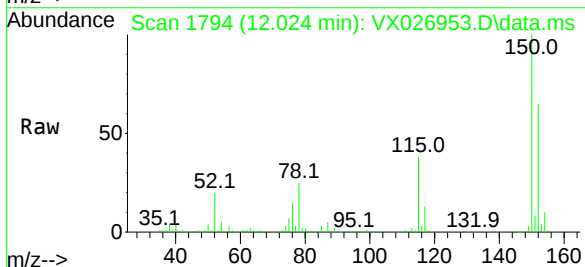
Instrument :
MSVOA_X
ClientSampleId :
MW-7S

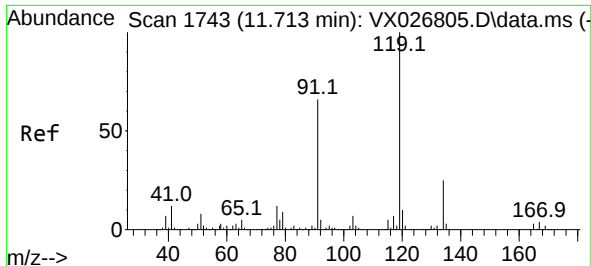
Tgt Ion:164 Resp: 247357
Ion Ratio Lower Upper
164 100
166 128.3 101.8 152.6
129 97.8 83.3 124.9
131 94.5 78.0 117.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

Tgt Ion:152 Resp: 81620
Ion Ratio Lower Upper
152 100
115 60.1 44.2 132.6
150 156.1 0.0 348.2

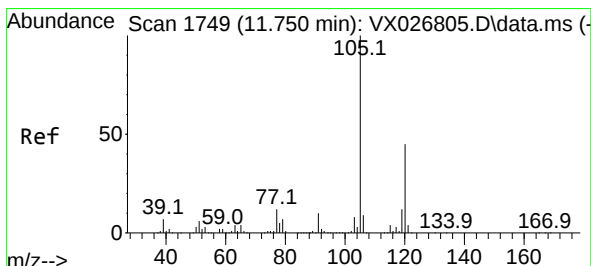
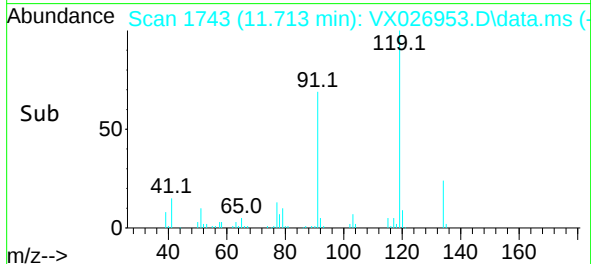
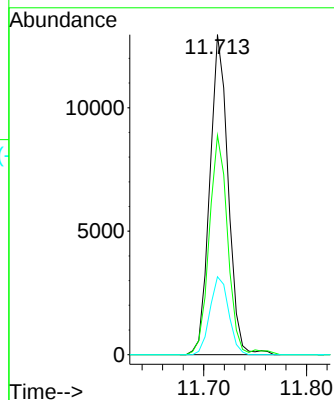
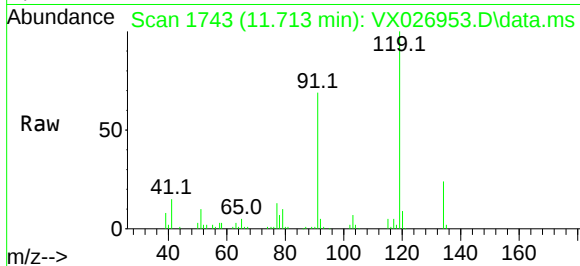




#83
tert-Butylbenzene
Concen: 3.194 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

Instrument :
MSVOA_X
ClientSampleId :
MW-7S

Tgt Ion:119 Resp: 16107
Ion Ratio Lower Upper
119 100
91 68.1 31.4 94.0
134 24.8 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 0.272 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026953.D
Acq: 11 Feb 2022 05:03

Tgt Ion:105 Resp: 1450
Ion Ratio Lower Upper
105 100
120 39.8 21.9 65.5

