

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033064.D
 Acq On : 25 Nov 2022 13:46
 Operator : JC/MD
 Sample : N5747-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28DL

Quant Time: Nov 28 00:46:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

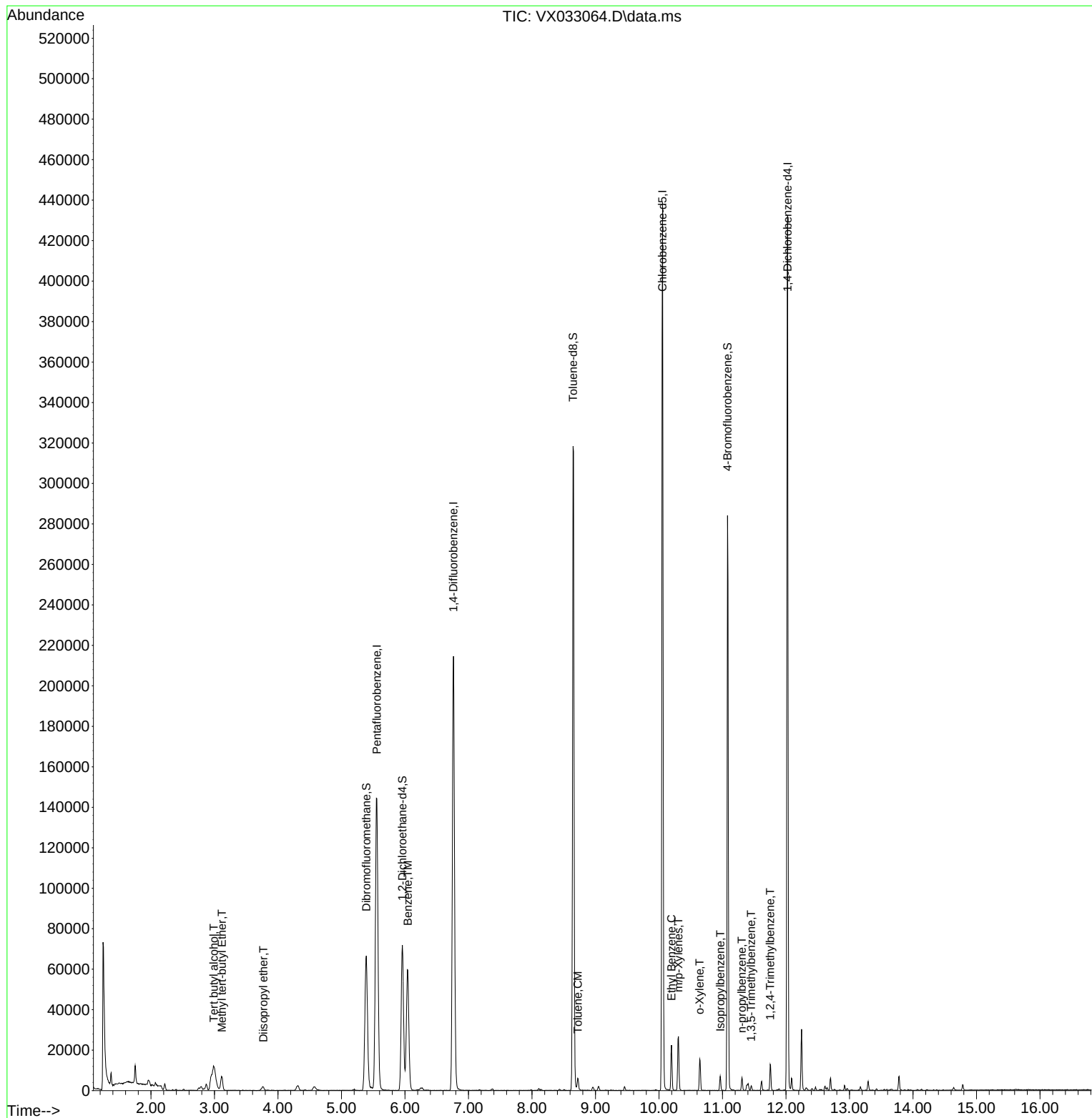
Internal Standards						
1) Pentafluorobenzene	5.556	168	137452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72190	53.999	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.000%	
35) Dibromofluoromethane	5.391	113	57335	46.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.660%	
50) Toluene-d8	8.647	98	195106	52.512	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	11.079	95	70626	43.450	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.900%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.989	59	26103	123.017	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	6705	1.612	ug/l #	90
22) Diisopropyl ether	3.770	45	1766	0.419	ug/l	87
40) Benzene	6.044	78	72091	12.995	ug/l	99
52) Toluene	8.720	92	2334	0.640	ug/l	94
67) Ethyl Benzene	10.195	91	12268	1.792	ug/l	99
68) m/p-Xylenes	10.305	106	6297	2.348	ug/l	91
69) o-Xylene	10.640	106	3566	1.374	ug/l	94
73) Isopropylbenzene	10.964	105	3860	0.605	ug/l	99
78) n-propylbenzene	11.305	91	4573	0.627	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	1346	0.251	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	5888	1.102	ug/l	98

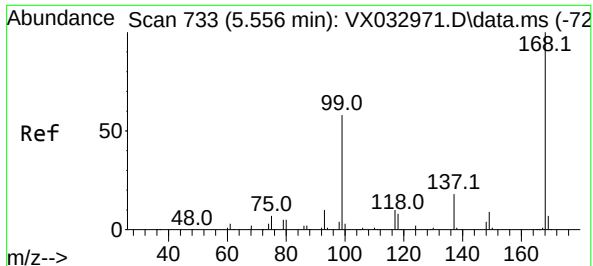
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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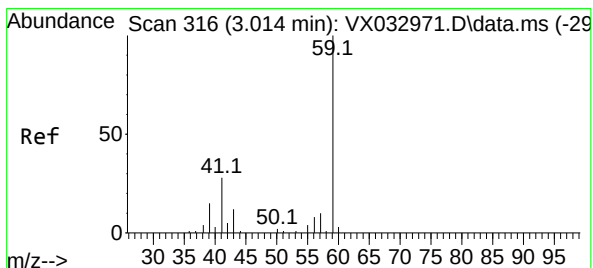
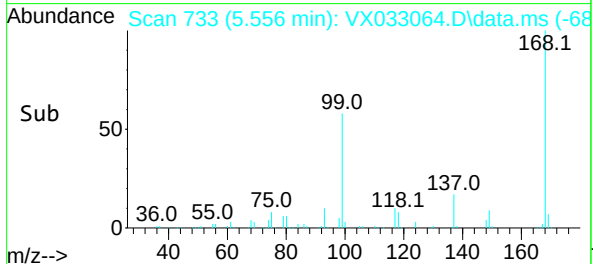
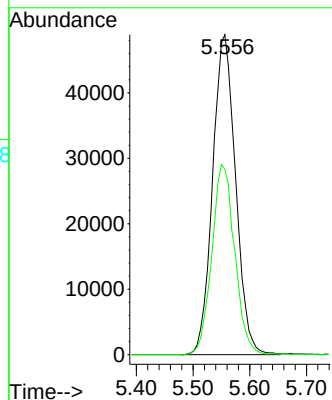
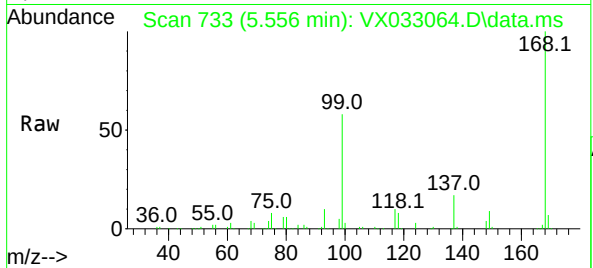




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

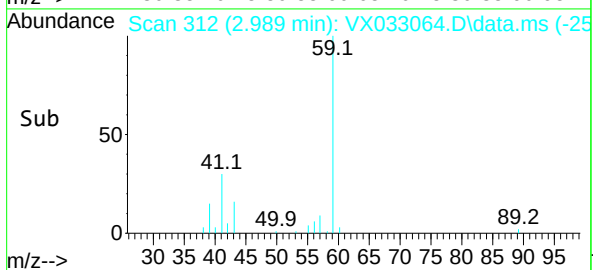
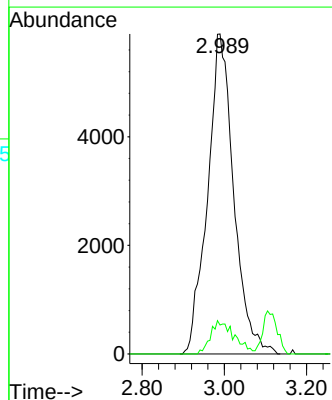
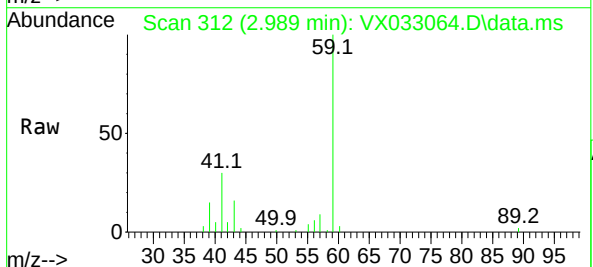
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

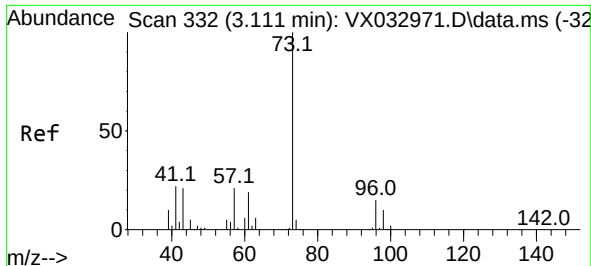
Tgt Ion:168 Resp: 137452
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 123.017 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

Tgt Ion: 59 Resp: 26103
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.4

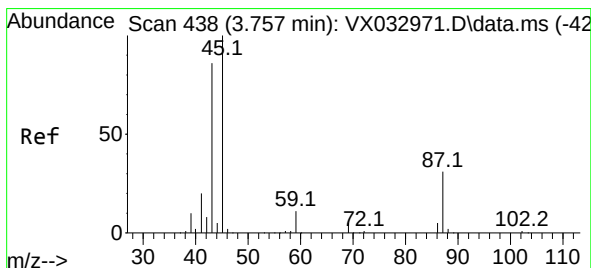
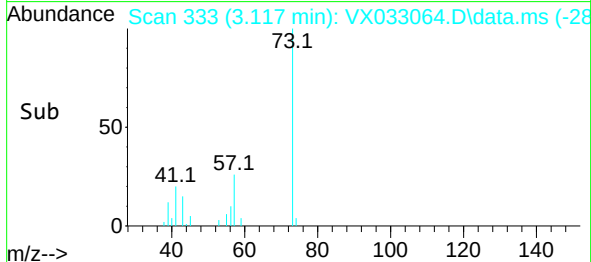
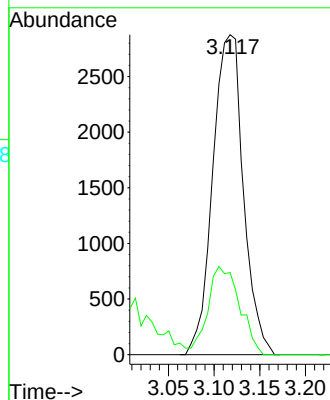
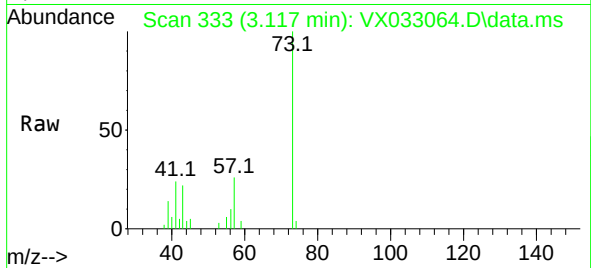




#19
Methyl tert-butyl Ether
Concen: 1.612 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

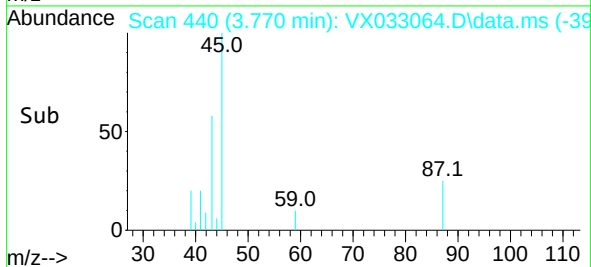
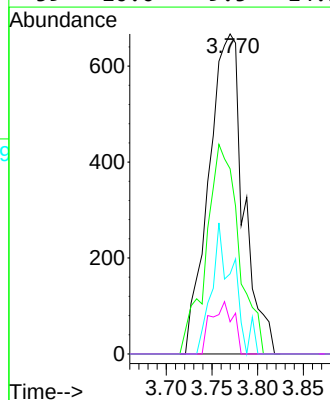
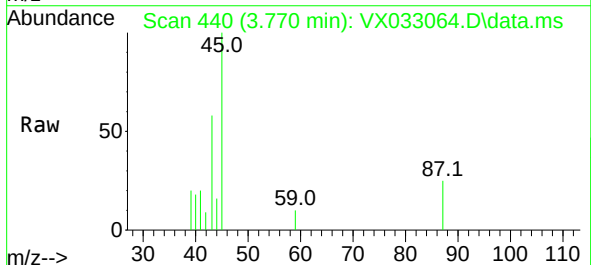
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

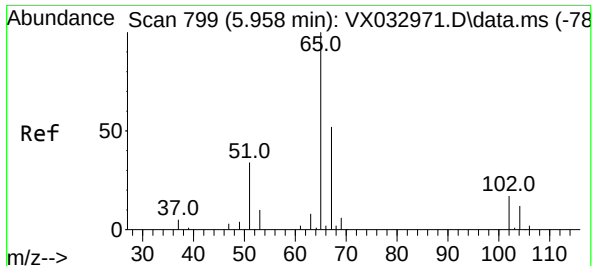
Tgt Ion: 73 Resp: 6705
Ion Ratio Lower Upper
73 100
57 25.7 16.6 25.0#



#22
Diisopropyl ether
Concen: 0.419 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

Tgt Ion: 45 Resp: 1766
Ion Ratio Lower Upper
45 100
43 57.9 56.4 84.6
87 25.0 24.4 36.6
59 10.0 9.5 14.3

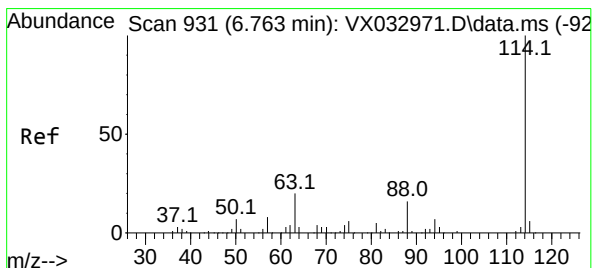
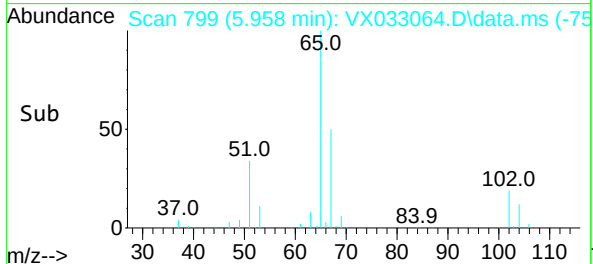
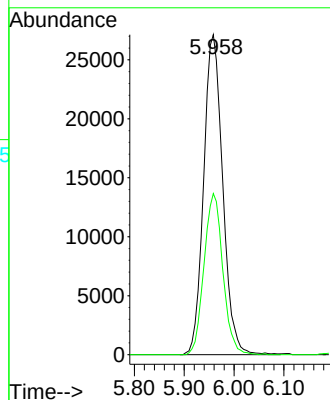
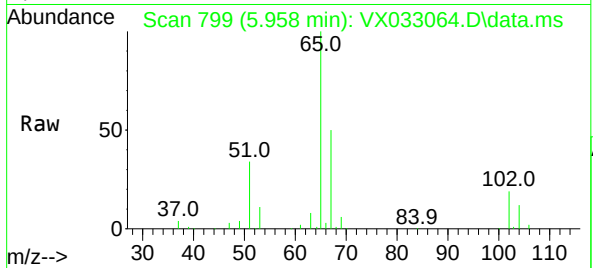




#33
 1,2-Dichloroethane-d4
 Concen: 53.999 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033064.D
 Acq: 25 Nov 2022 13:46

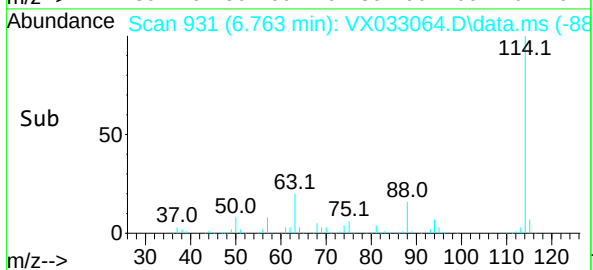
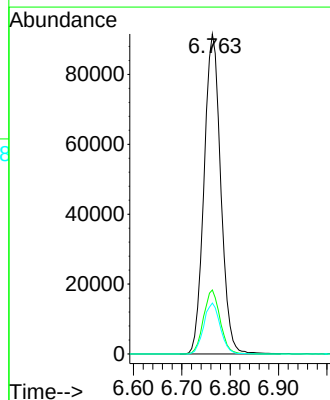
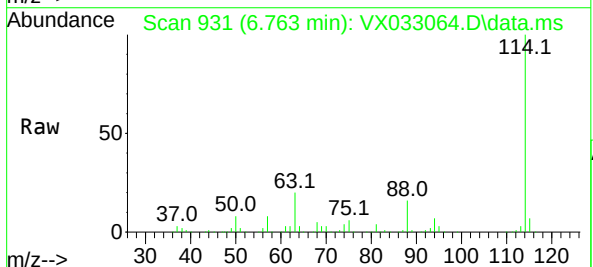
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28DL

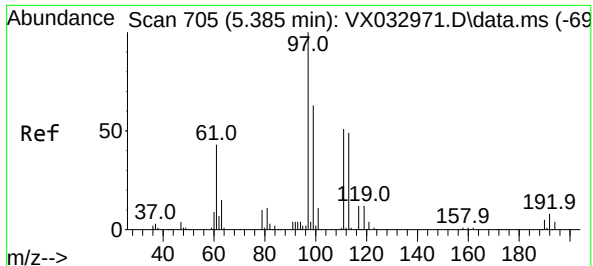
Tgt Ion: 65 Resp: 72190
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033064.D
 Acq: 25 Nov 2022 13:46

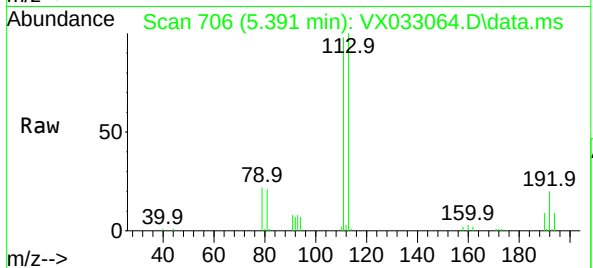
Tgt Ion: 114 Resp: 219492
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.6
 88 15.9 0.0 33.4



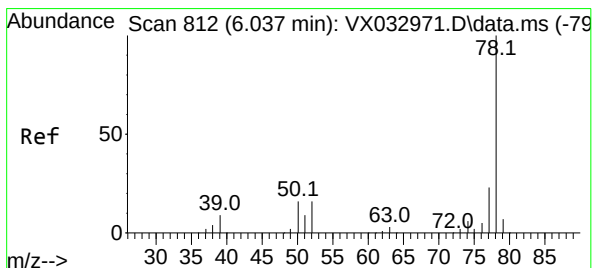
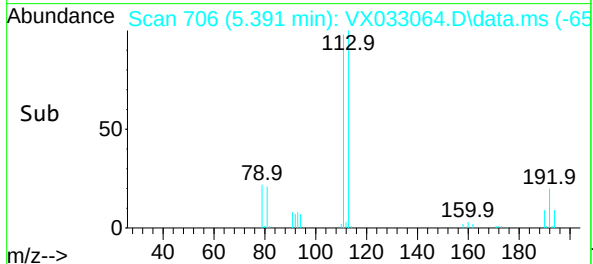
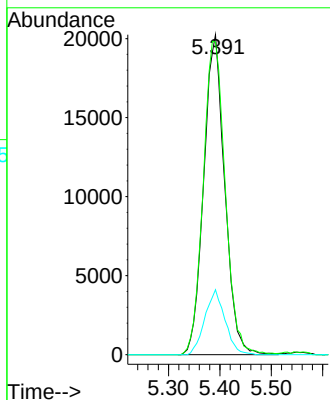


#35
Dibromofluoromethane
Concen: 46.335 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

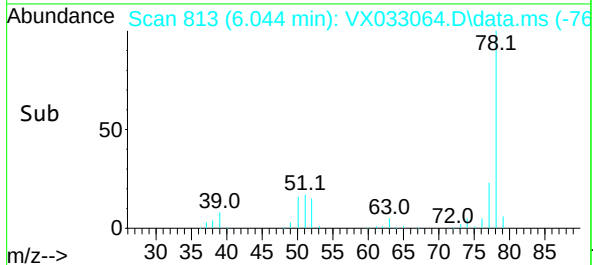
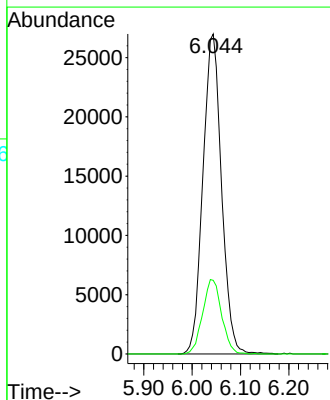
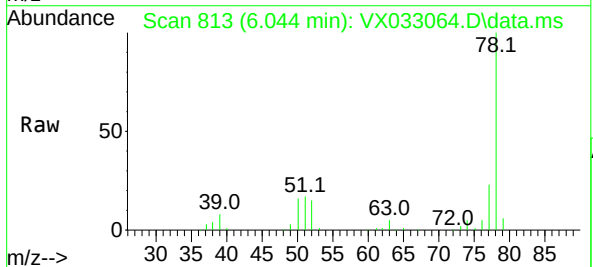


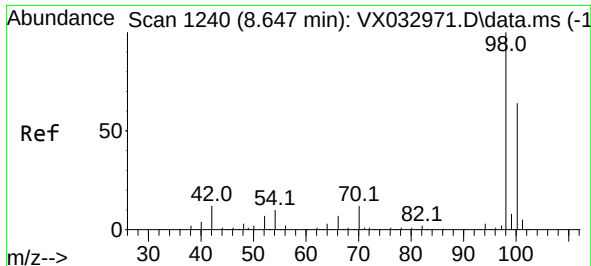
Tgt Ion:113 Resp: 57335
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.6 15.4 23.2



#40
Benzene
Concen: 12.995 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

Tgt Ion: 78 Resp: 72091
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

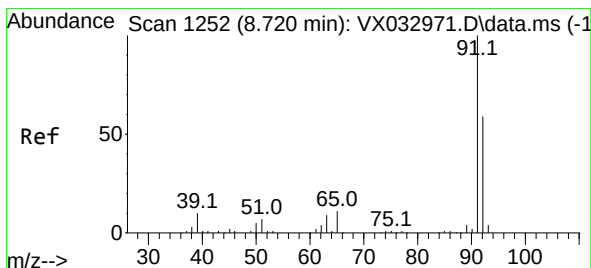
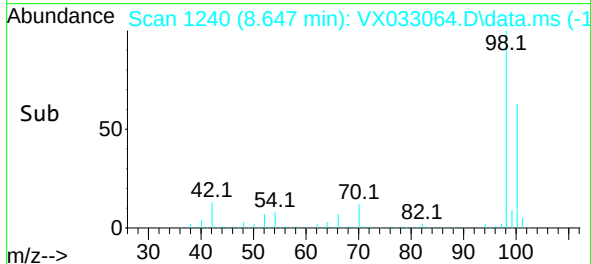
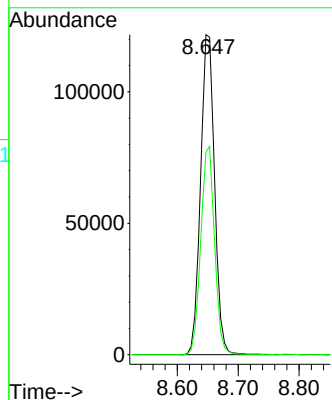
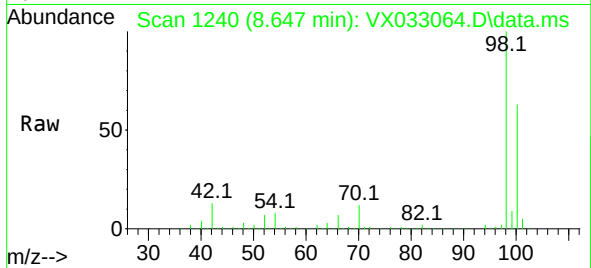




#50
Toluene-d8
Concen: 52.512 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

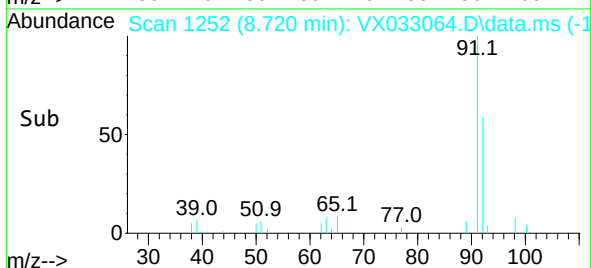
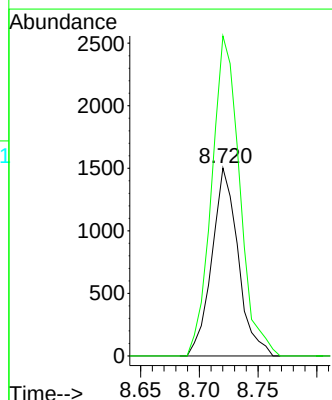
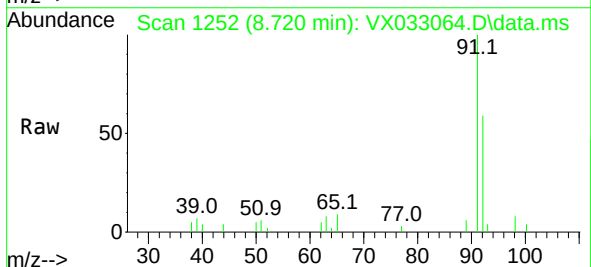
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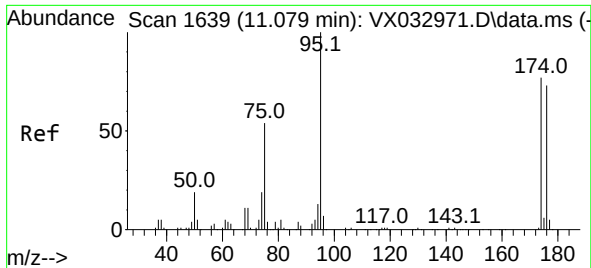
Tgt Ion: 98 Resp: 195106
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#52
Toluene
Concen: 0.640 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

Tgt Ion: 92 Resp: 2334
Ion Ratio Lower Upper
92 100
91 181.5 138.3 207.5

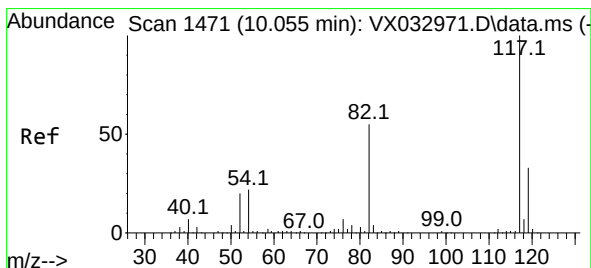
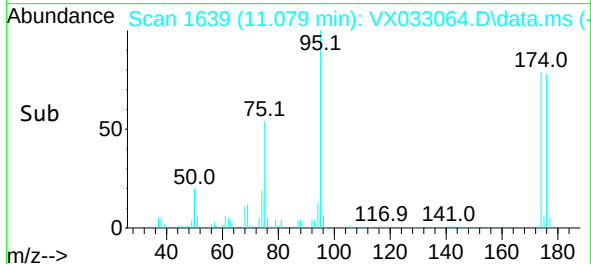
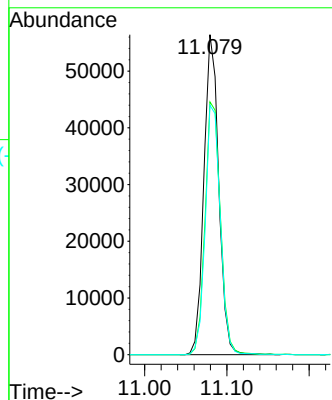
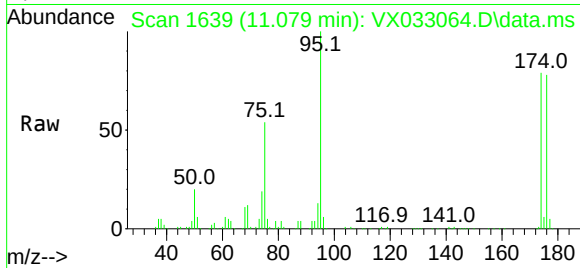




#62
4-Bromofluorobenzene
Concen: 43.450 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

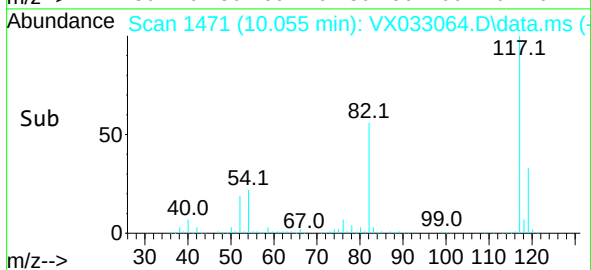
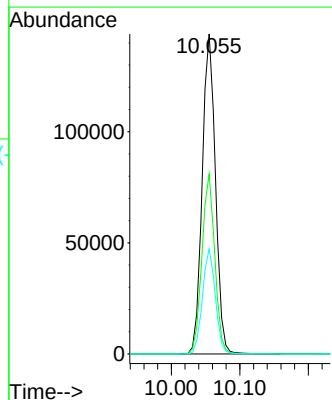
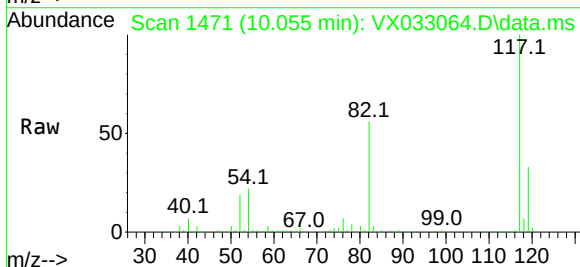
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ClientSampleId :
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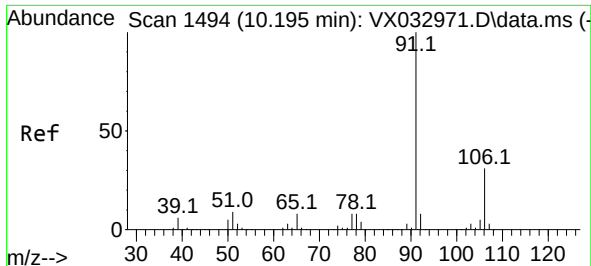
Tgt Ion: 95 Resp: 70626
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 79.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

Tgt Ion: 117 Resp: 193619
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 32.9 25.7 38.5

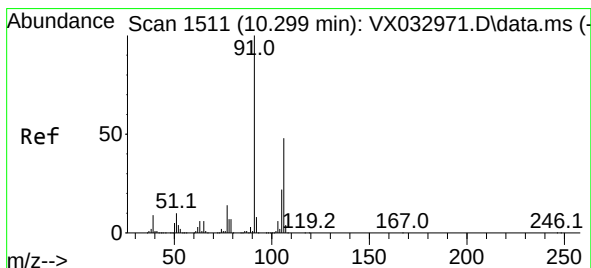
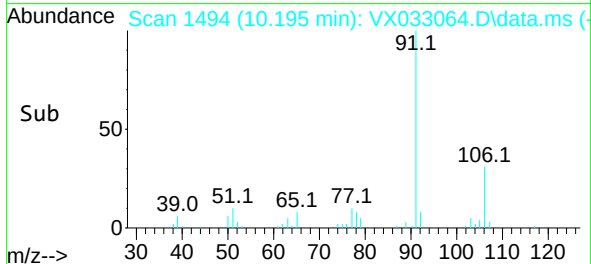
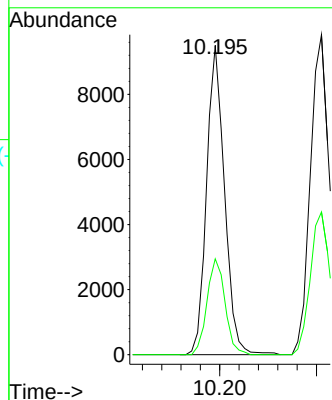
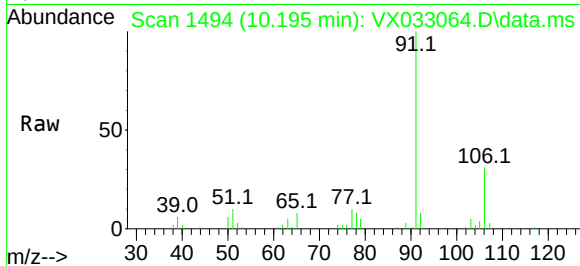




#67
Ethyl Benzene
Concen: 1.792 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

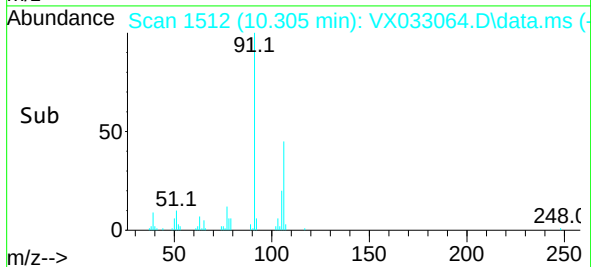
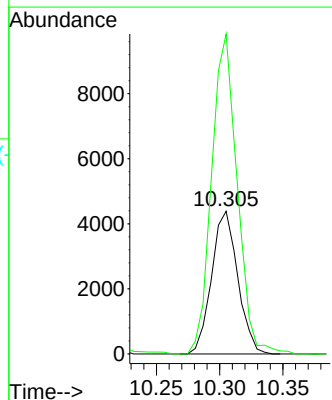
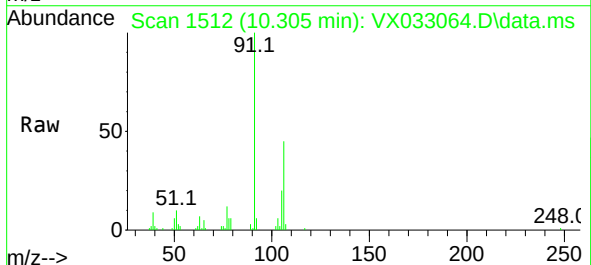
Instrument :
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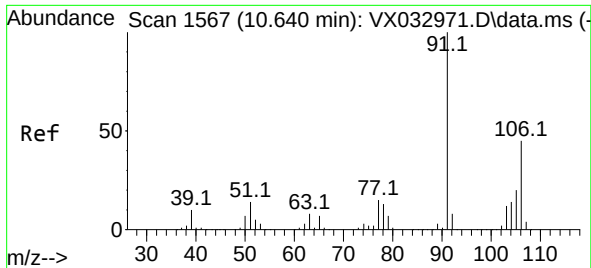
Tgt Ion: 91 Resp: 12268
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6



#68
m/p-Xylenes
Concen: 2.348 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

Tgt Ion: 106 Resp: 6297
Ion Ratio Lower Upper
106 100
91 219.1 164.5 246.7

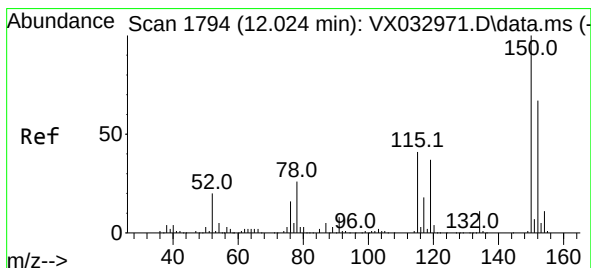
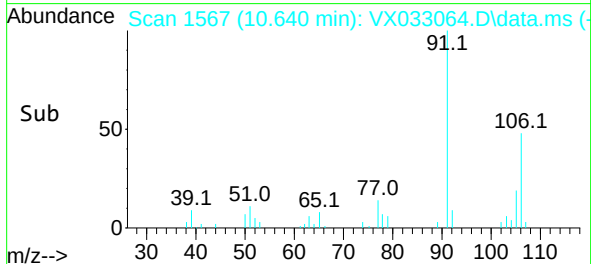
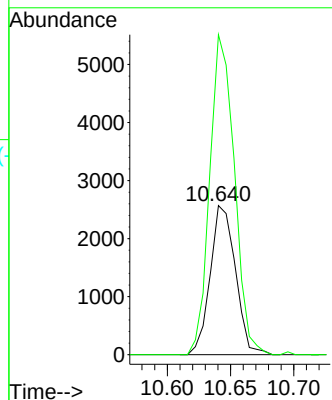
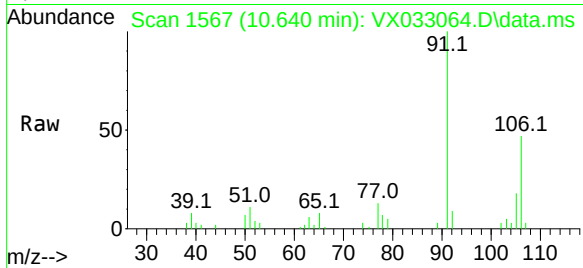




#69
o-Xylene
Concen: 1.374 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

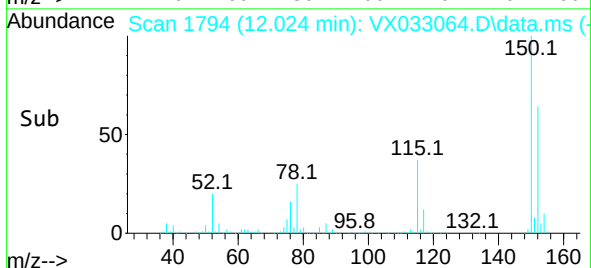
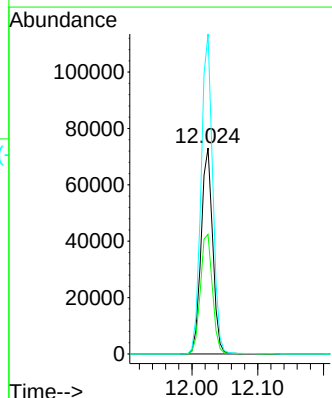
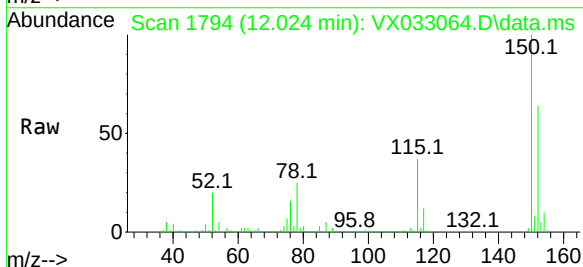
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

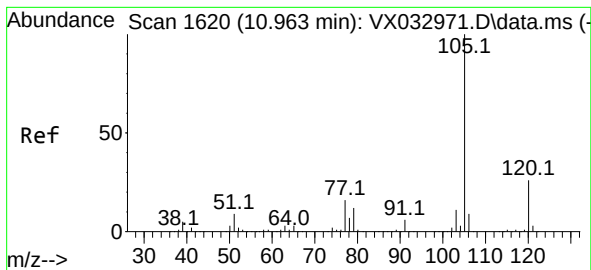
Tgt Ion:106 Resp: 3566
Ion Ratio Lower Upper
106 100
91 209.6 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

Tgt Ion:152 Resp: 89242
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 156.0 0.0 351.8





#73

Isopropylbenzene

Concen: 0.605 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX033064.D

Acq: 25 Nov 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

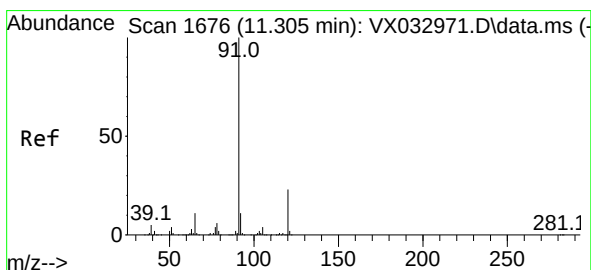
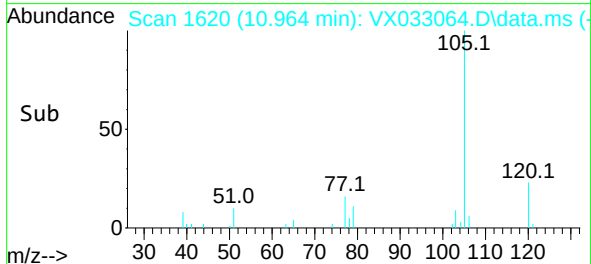
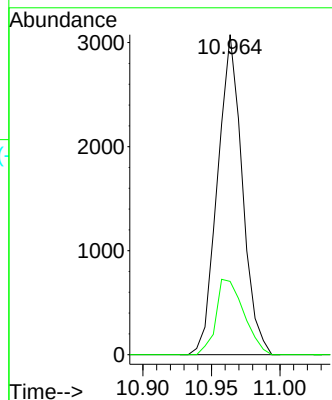
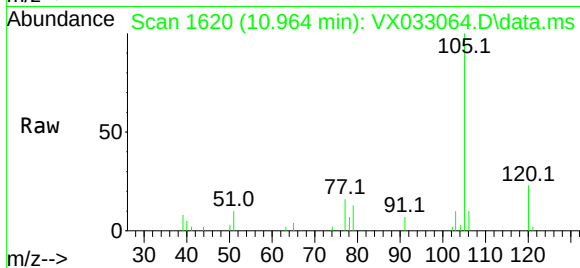
MW-28DL

Tgt Ion:105 Resp: 3860

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#78

n-propylbenzene

Concen: 0.627 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX033064.D

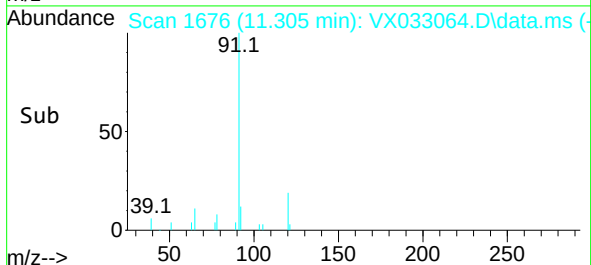
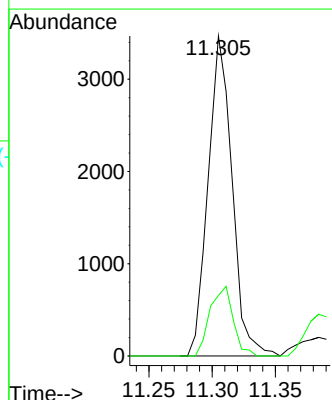
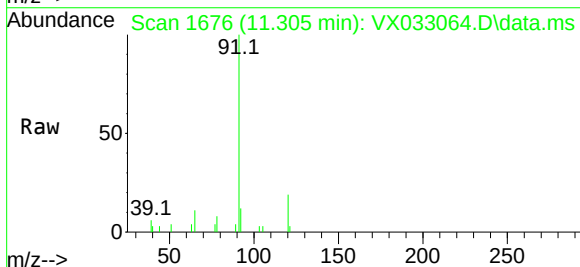
Acq: 25 Nov 2022 13:46

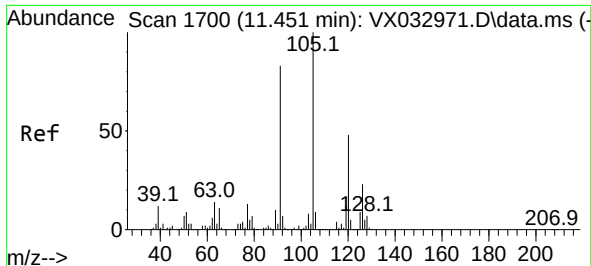
Tgt Ion: 91 Resp: 4573

Ion Ratio Lower Upper

91 100

120 21.0 11.6 34.8

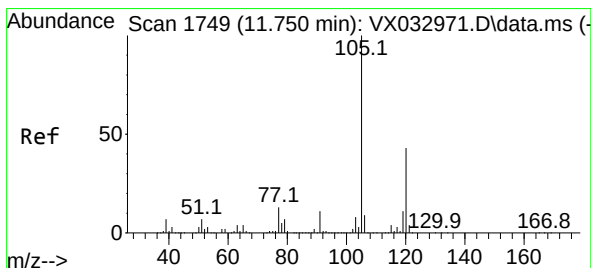
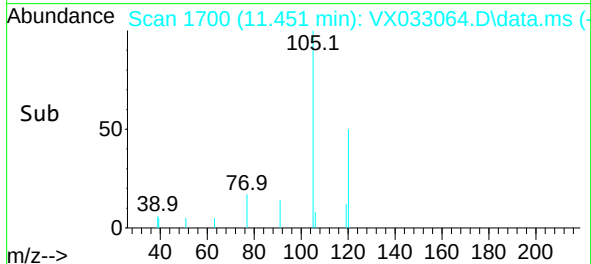
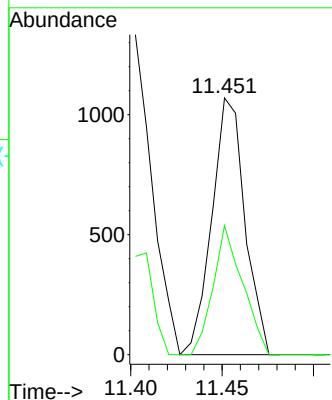
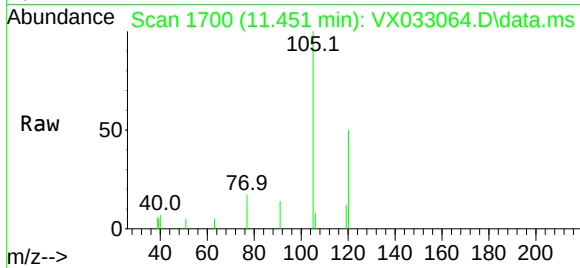




#80
1,3,5-Trimethylbenzene
Concen: 0.251 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:105 Resp: 1346
Ion Ratio Lower Upper
105 100
120 44.9 23.6 71.0



#84
1,2,4-Trimethylbenzene
Concen: 1.102 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033064.D
Acq: 25 Nov 2022 13:46

Tgt Ion:105 Resp: 5888
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.5

