

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029028.D
 Acq On : 27 May 2022 16:47
 Operator : JC/MD
 Sample : N2968-10 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38

Quant Time: May 27 22:10:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

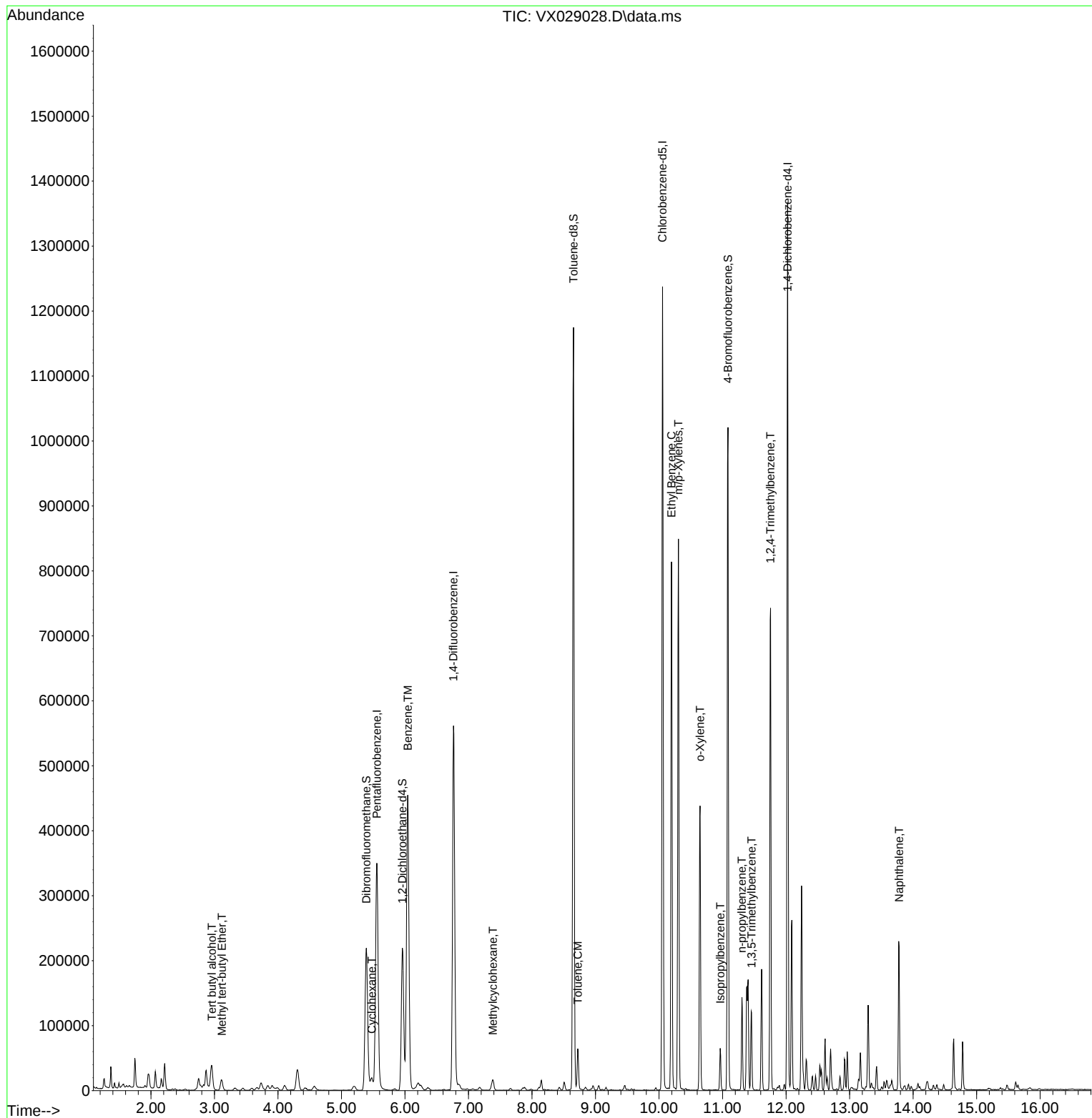
Internal Standards						
1) Pentafluorobenzene	5.556	168	337632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	596375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	215635	46.592	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.180%
35) Dibromofluoromethane	5.391	113	194972	49.899	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.800%
50) Toluene-d8	8.653	98	703072	47.726	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.460%
62) 4-Bromofluorobenzene	11.085	95	286811	52.126	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	39244	33.031	ug/l #	91
19) Methyl tert-butyl Ether	3.117	73	12686	1.023	ug/l #	54
31) Cyclohexane	5.476	56	12824	1.996	ug/l	97
39) Methylcyclohexane	7.385	83	6959	1.034	ug/l	92
40) Benzene	6.043	78	567141	33.625	ug/l	99
52) Toluene	8.720	92	25086	2.312	ug/l	96
67) Ethyl Benzene	10.195	91	470875	21.619	ug/l	98
68) m/p-Xylenes	10.305	106	198939	23.460	ug/l	99
69) o-Xylene	10.646	106	99944	11.971	ug/l	99
73) Isopropylbenzene	10.963	105	33370	1.570	ug/l	98
78) n-propylbenzene	11.305	91	87428	3.555	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	56938	3.214	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	337993	19.026	ug/l	100
95) Naphthalene	13.780	128	150048	7.532	ug/l	99

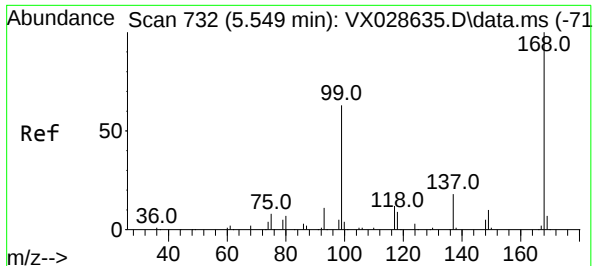
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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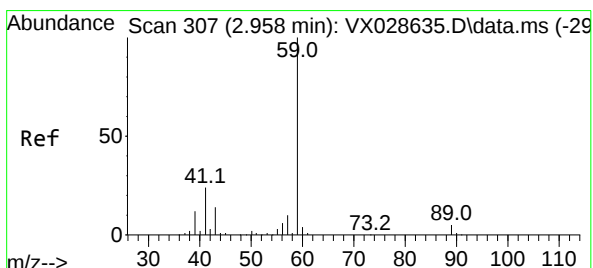
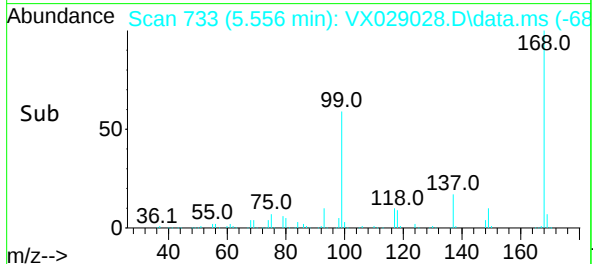
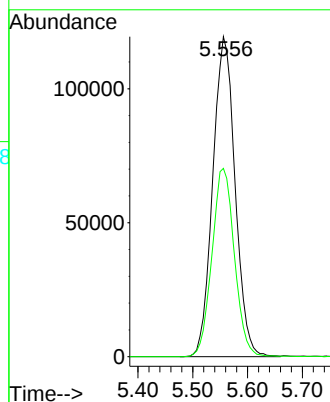
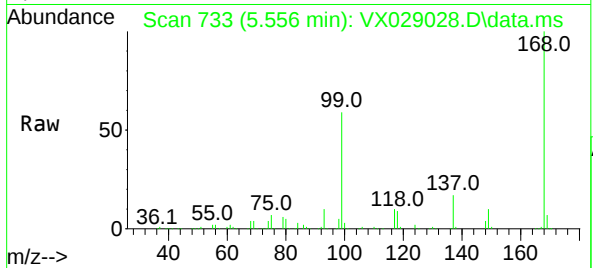




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

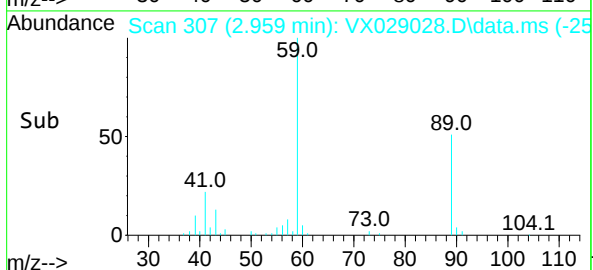
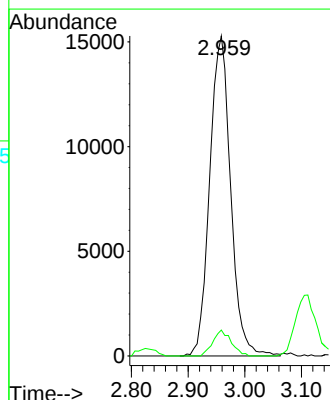
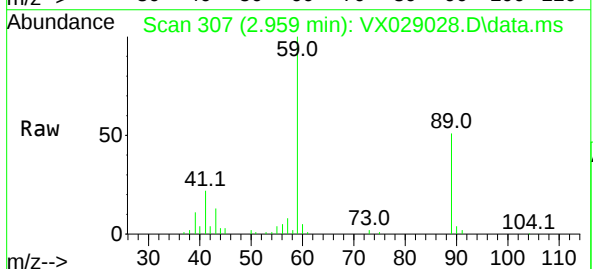
Instrument :
MSVOA_X
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MW-38

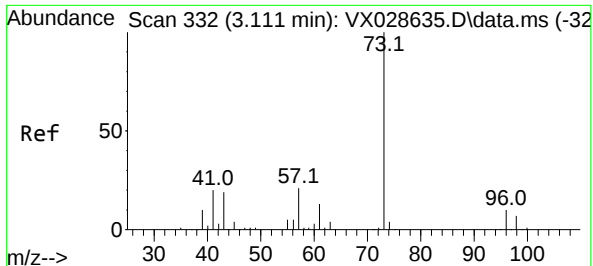
Tgt Ion:168 Resp: 337632
Ion Ratio Lower Upper
168 100
99 58.8 41.7 62.5



#11
Tert butyl alcohol
Concen: 33.031 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

Tgt Ion: 59 Resp: 39244
Ion Ratio Lower Upper
59 100
57 7.1 8.3 12.5#

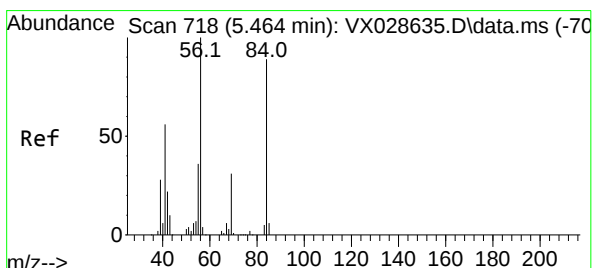
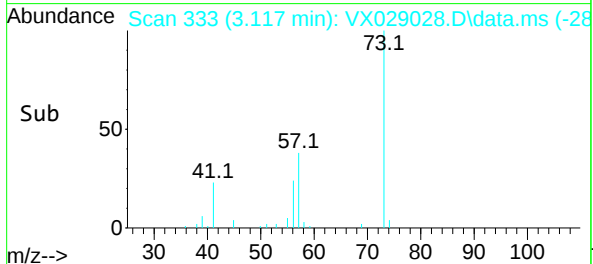
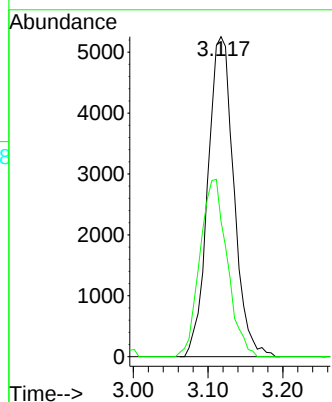
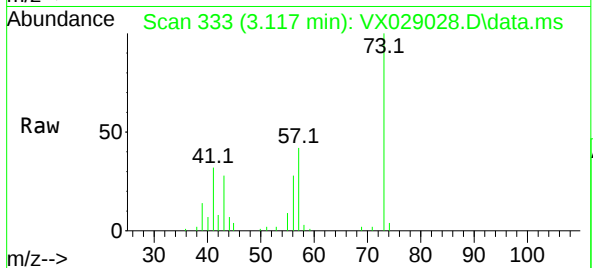




#19
Methyl tert-butyl Ether
Concen: 1.023 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

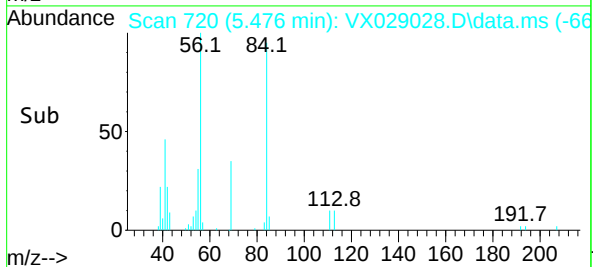
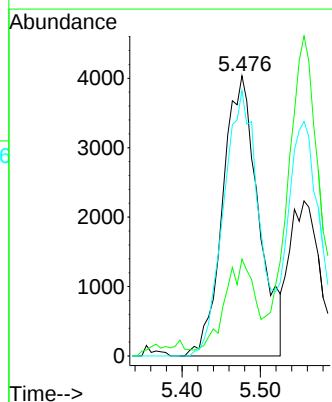
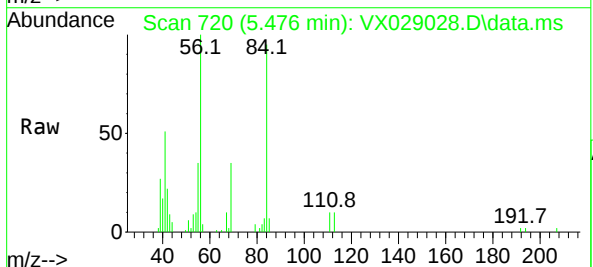
Instrument :
MSVOA_X
ClientSampleId :
MW-38

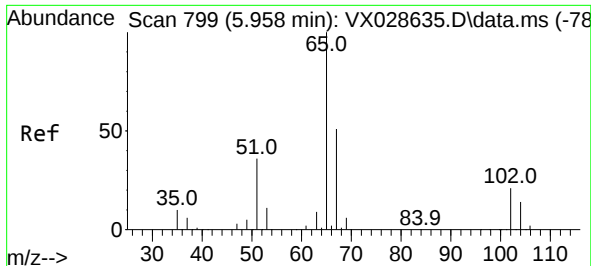
Tgt Ion: 73 Resp: 12686
Ion Ratio Lower Upper
73 100
57 42.3 16.8 25.2#



#31
Cyclohexane
Concen: 1.996 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.012 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

Tgt Ion: 56 Resp: 12824
Ion Ratio Lower Upper
56 100
69 28.9 26.7 40.1
84 94.7 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 46.592 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029028.D

Acq: 27 May 2022 16:47

Instrument :

MSVOA_X

ClientSampleId :

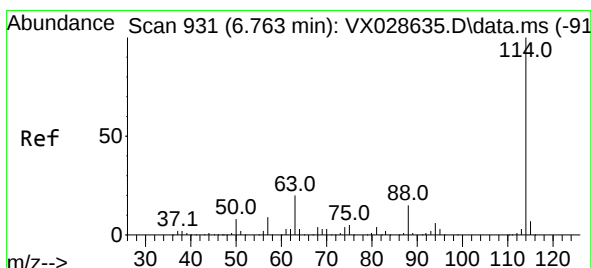
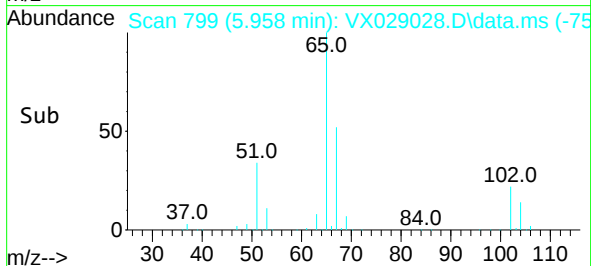
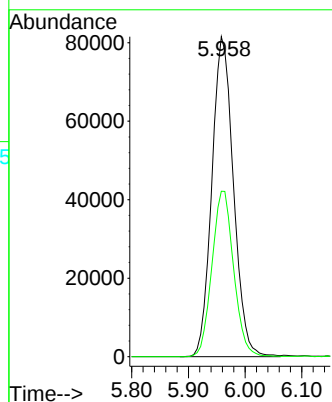
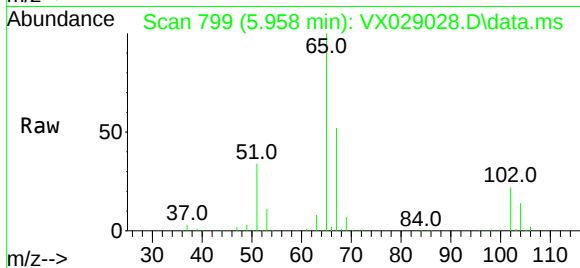
MW-38

Tgt Ion: 65 Resp: 215635

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029028.D

Acq: 27 May 2022 16:47

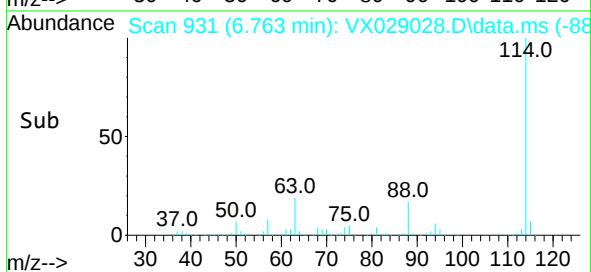
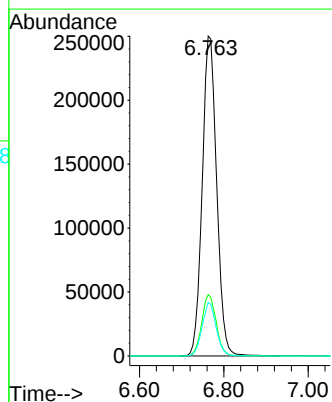
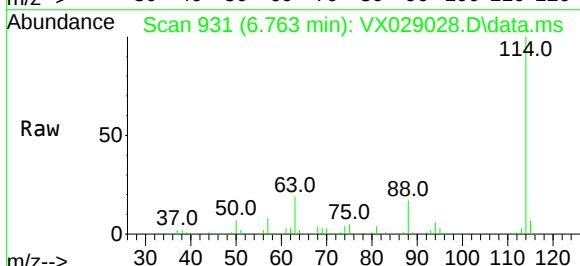
Tgt Ion: 114 Resp: 596375

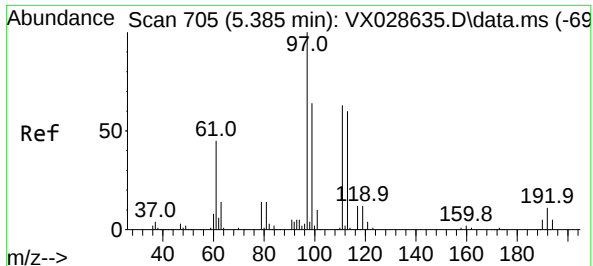
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 16.7 0.0 32.4

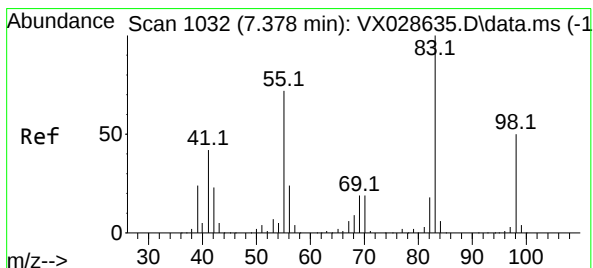
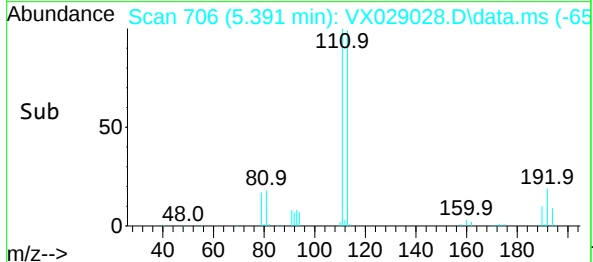
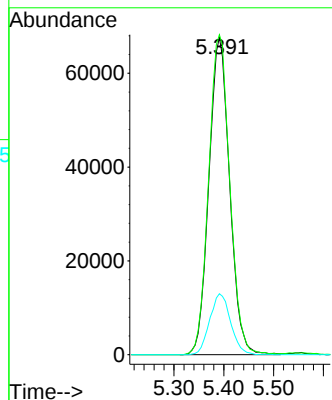
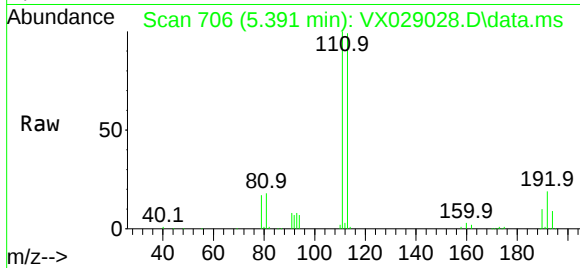




#35
Dibromofluoromethane
Concen: 49.899 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

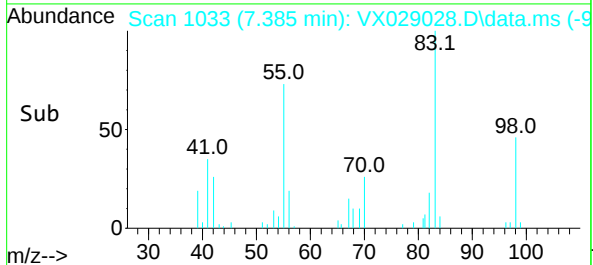
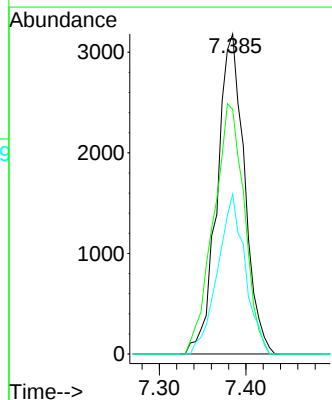
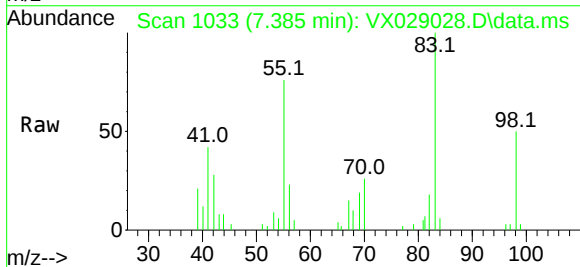
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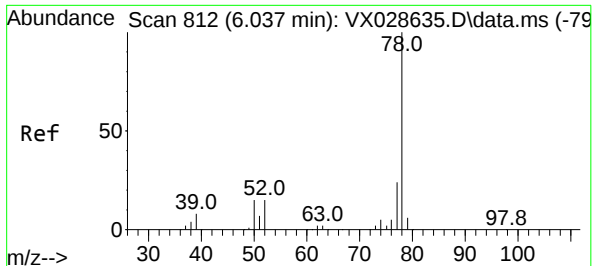
Tgt Ion:113 Resp: 194972
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.4 16.9 25.3



#39
Methylcyclohexane
Concen: 1.034 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

Tgt Ion: 83 Resp: 6959
Ion Ratio Lower Upper
83 100
55 76.5 54.6 81.8
98 50.0 37.4 56.2

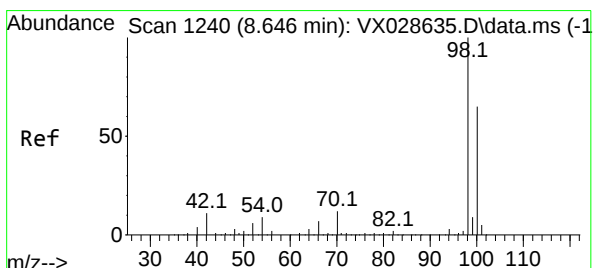
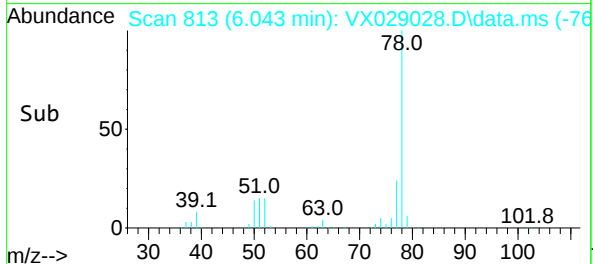
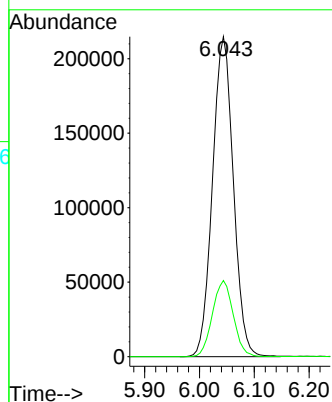
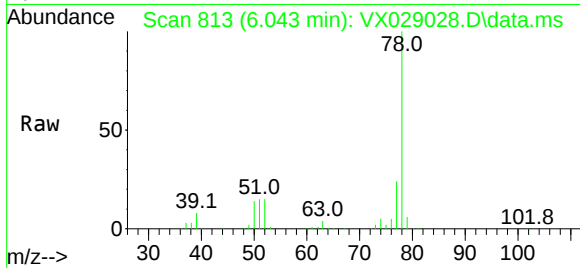




#40
Benzene
Concen: 33.625 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

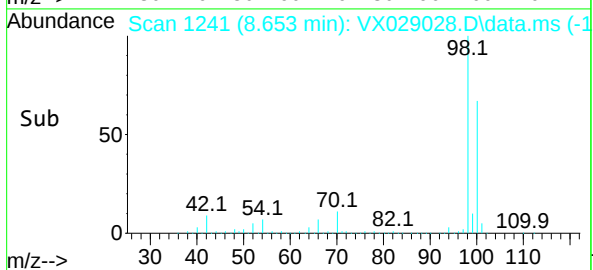
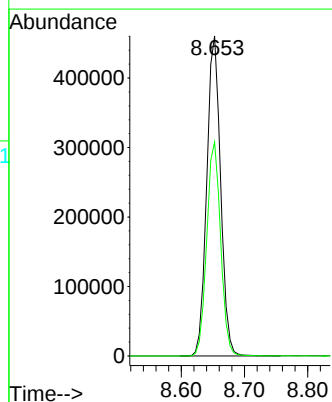
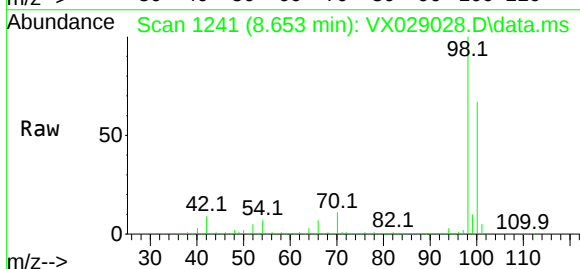
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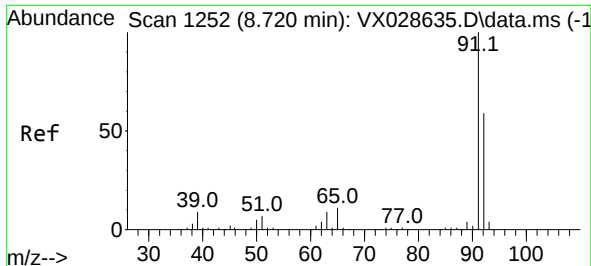
Tgt Ion: 78 Resp: 567141
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9



#50
Toluene-d8
Concen: 47.726 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

Tgt Ion: 98 Resp: 703072
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

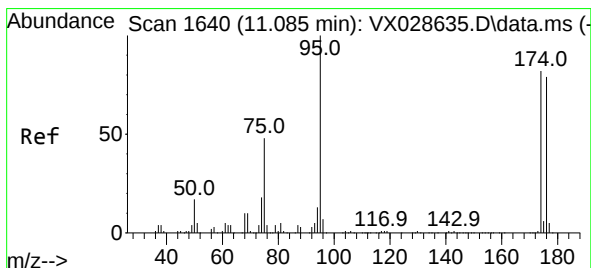
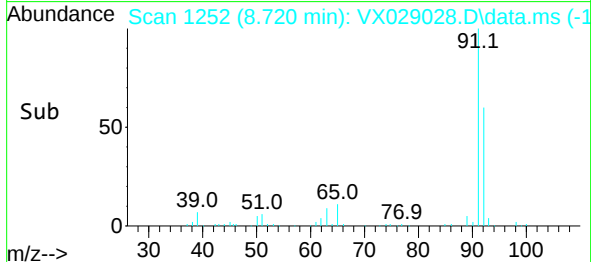
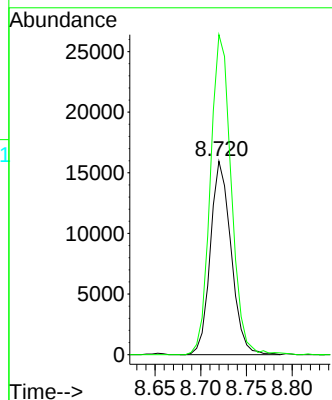
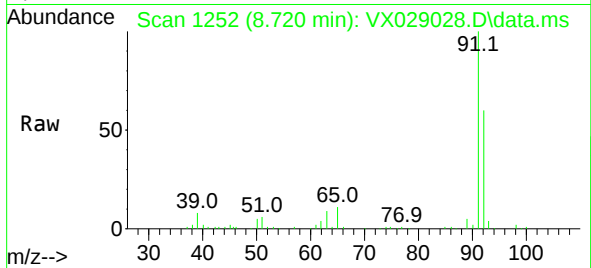




#52
Toluene
Concen: 2.312 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

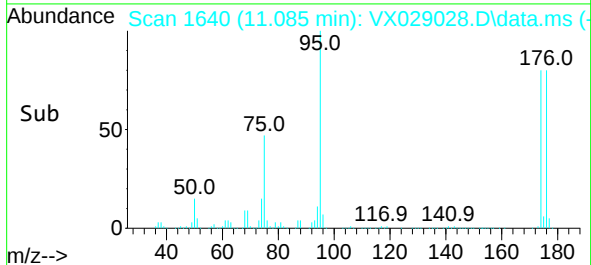
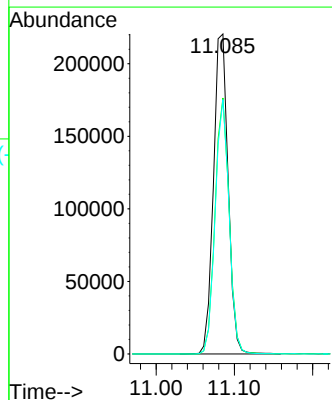
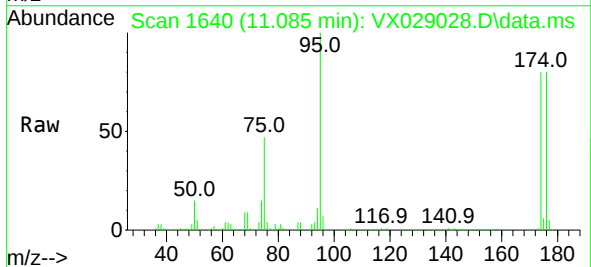
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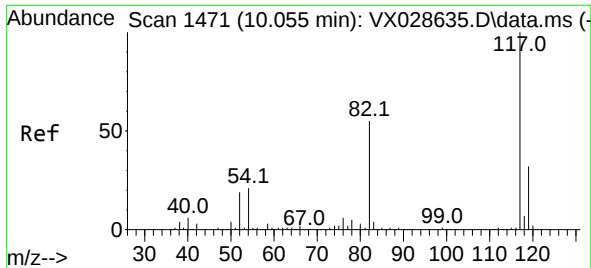
Tgt Ion: 92 Resp: 25086
Ion Ratio Lower Upper
92 100
91 166.9 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 52.126 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

Tgt Ion: 95 Resp: 286811
Ion Ratio Lower Upper
95 100
174 76.9 0.0 163.0
176 75.5 0.0 155.0

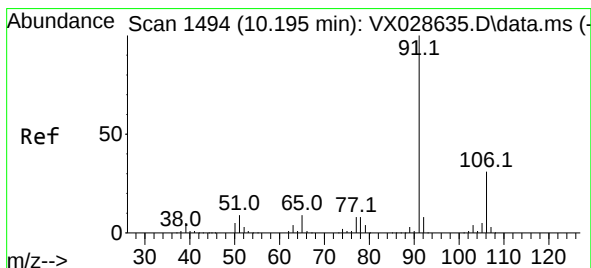
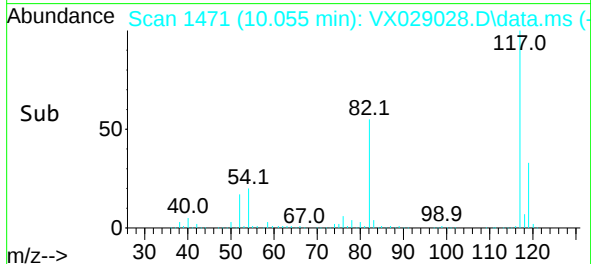
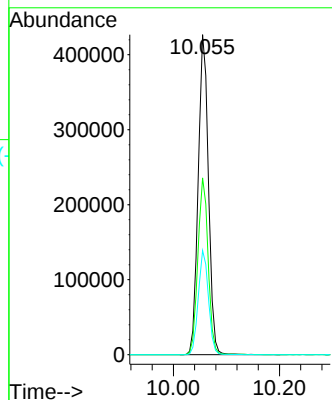
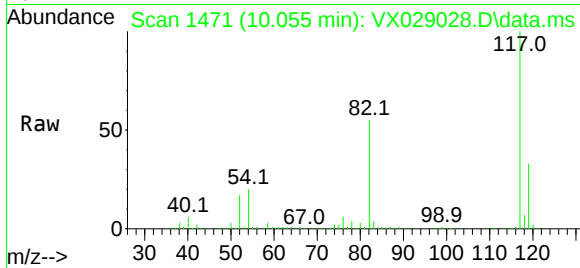




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

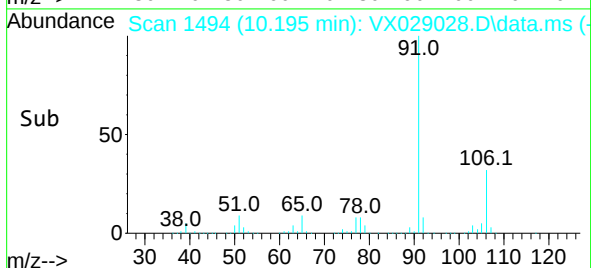
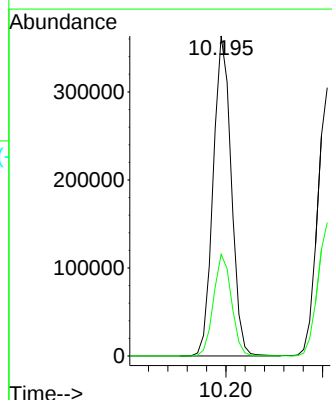
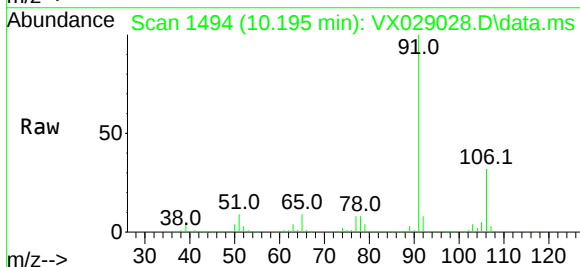
Instrument :
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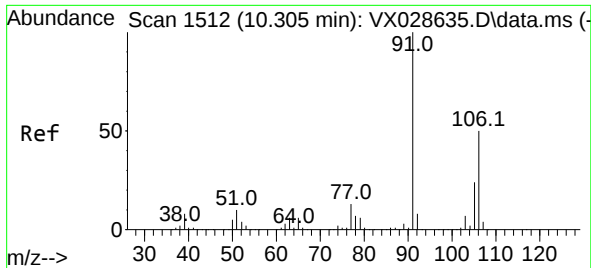
Tgt Ion:117 Resp: 572801
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 32.5 24.8 37.2



#67
Ethyl Benzene
Concen: 21.619 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

Tgt Ion: 91 Resp: 470875
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

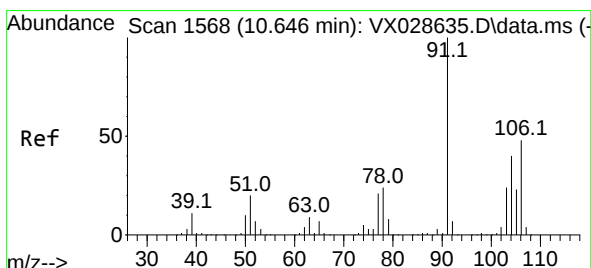
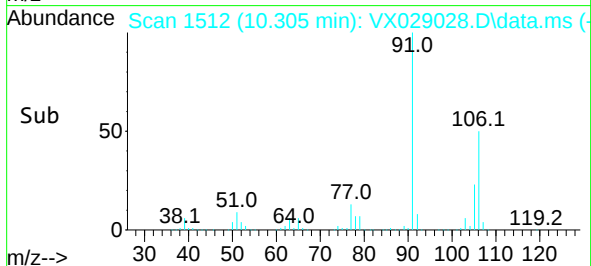
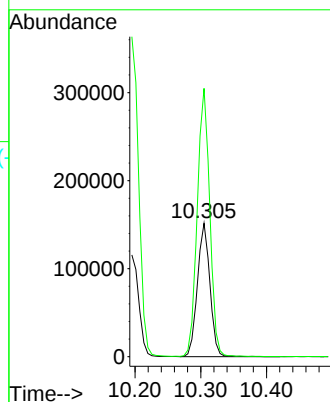
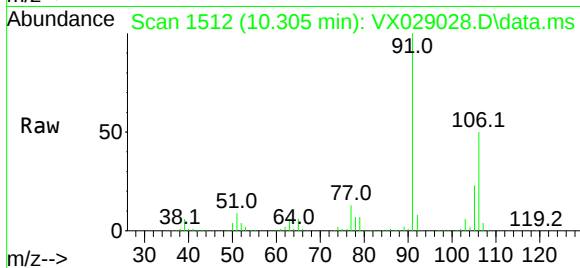




#68
m/p-Xylenes
Concen: 23.460 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

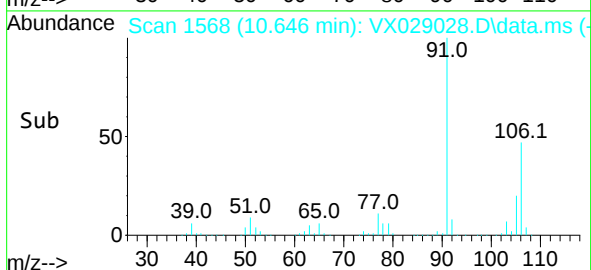
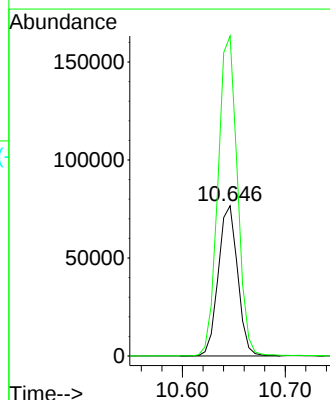
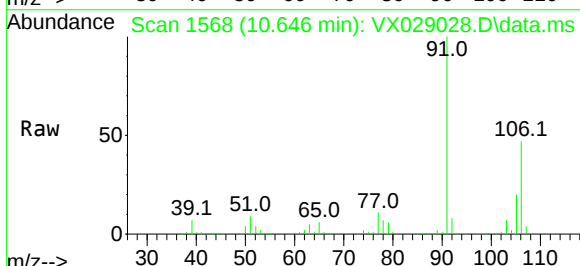
Instrument :
MSVOA_X
ClientSampleId :
MW-38

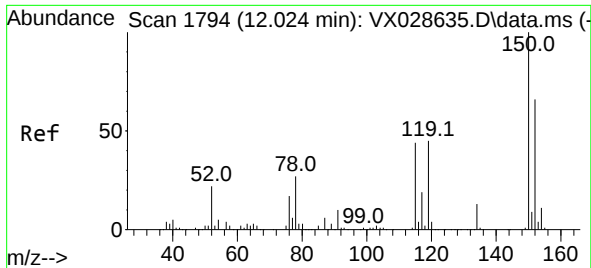
Tgt Ion:106 Resp: 198939
Ion Ratio Lower Upper
106 100
91 201.3 160.4 240.6



#69
o-Xylene
Concen: 11.971 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

Tgt Ion:106 Resp: 99944
Ion Ratio Lower Upper
106 100
91 214.4 106.1 318.1

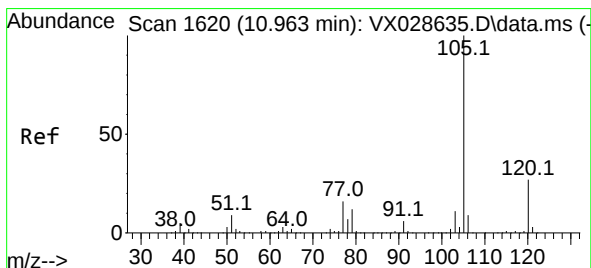
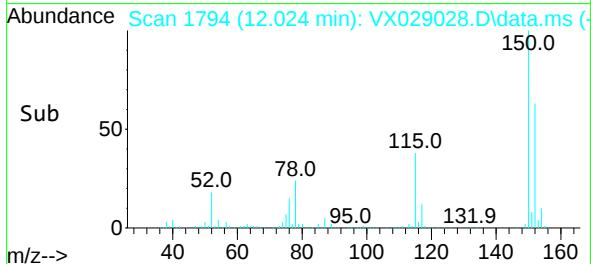
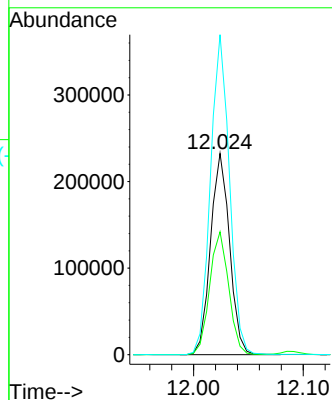
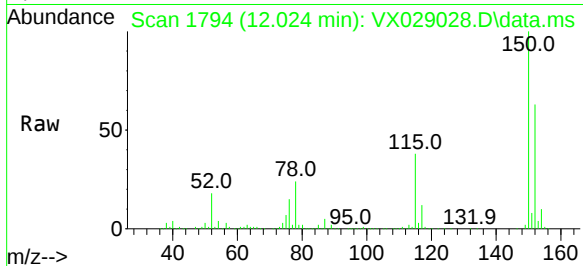




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

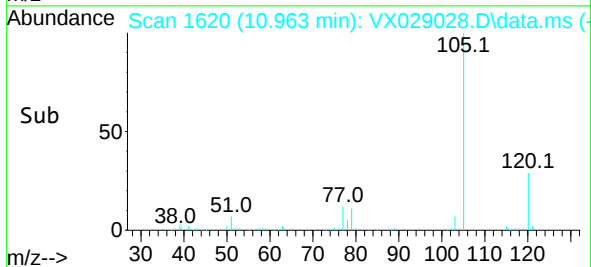
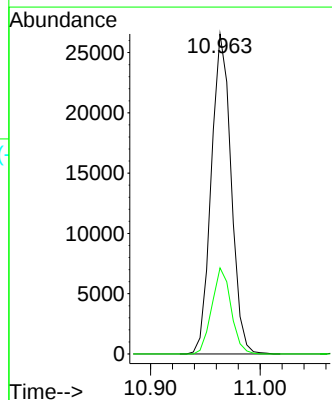
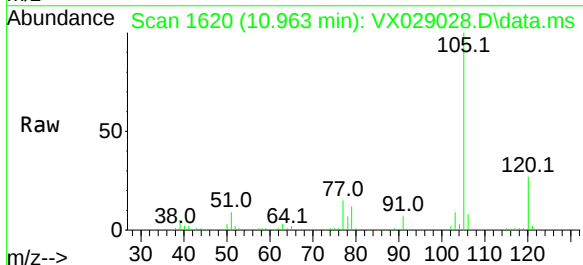
Instrument :
MSVOA_X
ClientSampleId :
MW-38

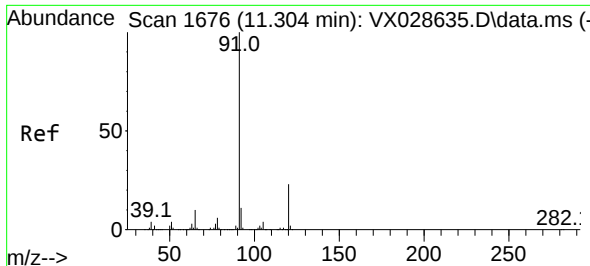
Tgt Ion:152 Resp: 280361
Ion Ratio Lower Upper
152 100
115 60.9 37.5 112.7
150 158.5 0.0 338.2



#73
Isopropylbenzene
Concen: 1.570 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

Tgt Ion:105 Resp: 33370
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.5

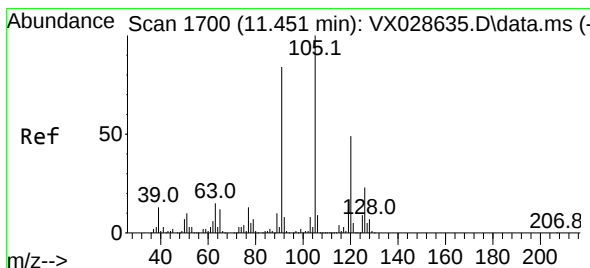
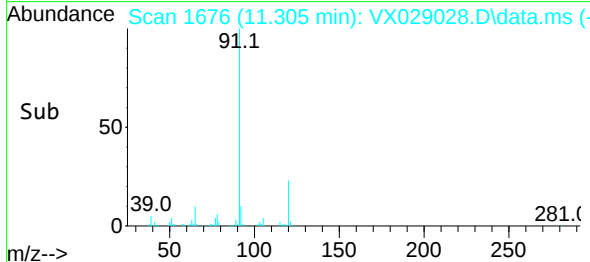
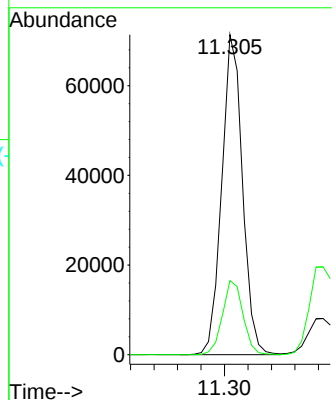
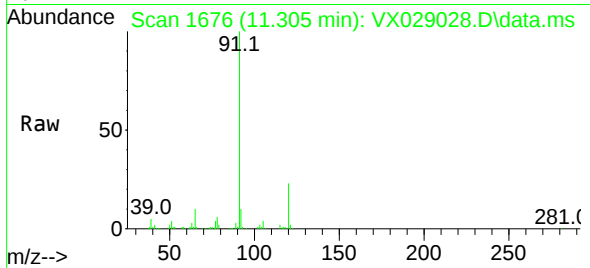




#78
n-propylbenzene
Concen: 3.555 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

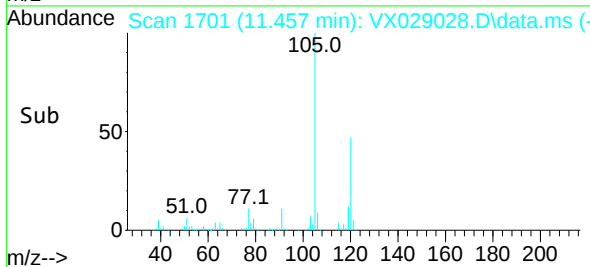
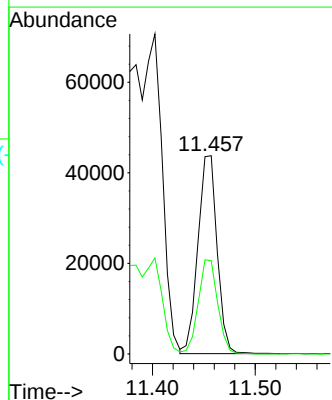
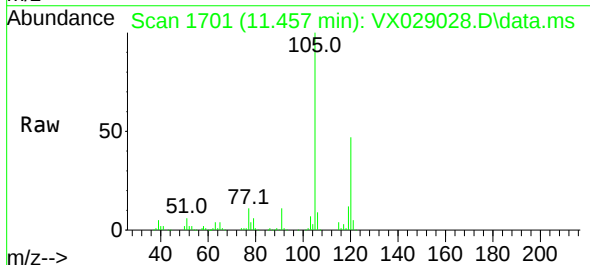
Instrument :
MSVOA_X
ClientSampleId :
MW-38

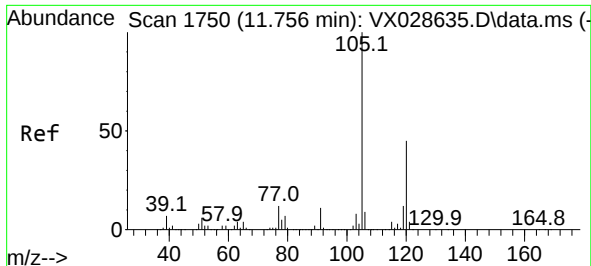
Tgt Ion: 91 Resp: 87428
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 3.214 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

Tgt Ion: 105 Resp: 56938
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.9

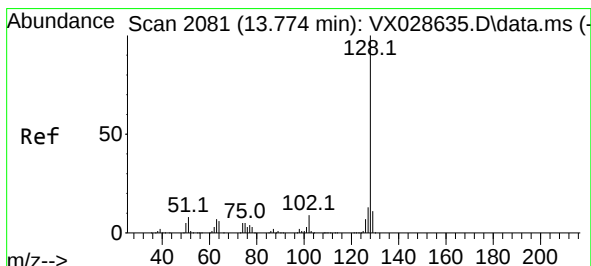
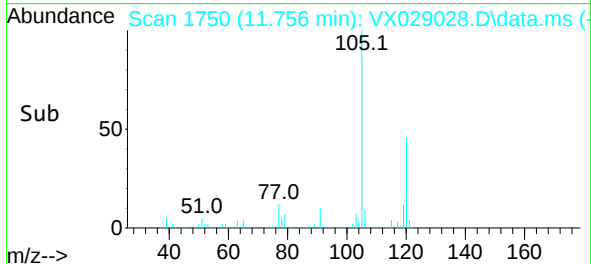
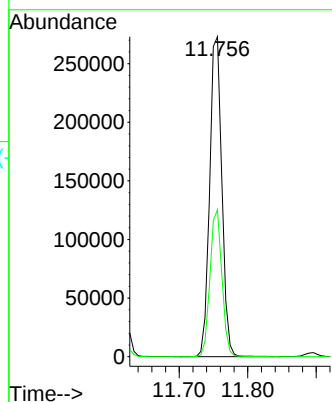
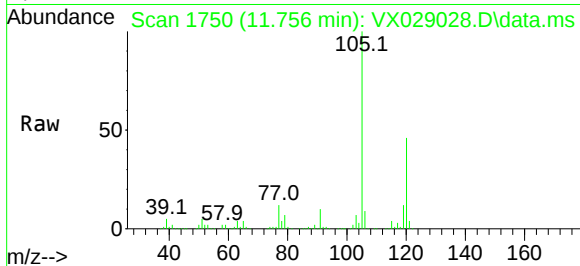




#84
1,2,4-Trimethylbenzene
Concen: 19.026 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

Instrument :
MSVOA_X
ClientSampleId :
MW-38

Tgt Ion:105 Resp: 337993
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.8



#95
Naphthalene
Concen: 7.532 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029028.D
Acq: 27 May 2022 16:47

Tgt Ion:128 Resp: 150048
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.7 8.7 13.1

