

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033242.D
 Acq On : 05 Dec 2022 21:36
 Operator : JC/MD
 Sample : N5875-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-42

Quant Time: Dec 06 06:02:32 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)

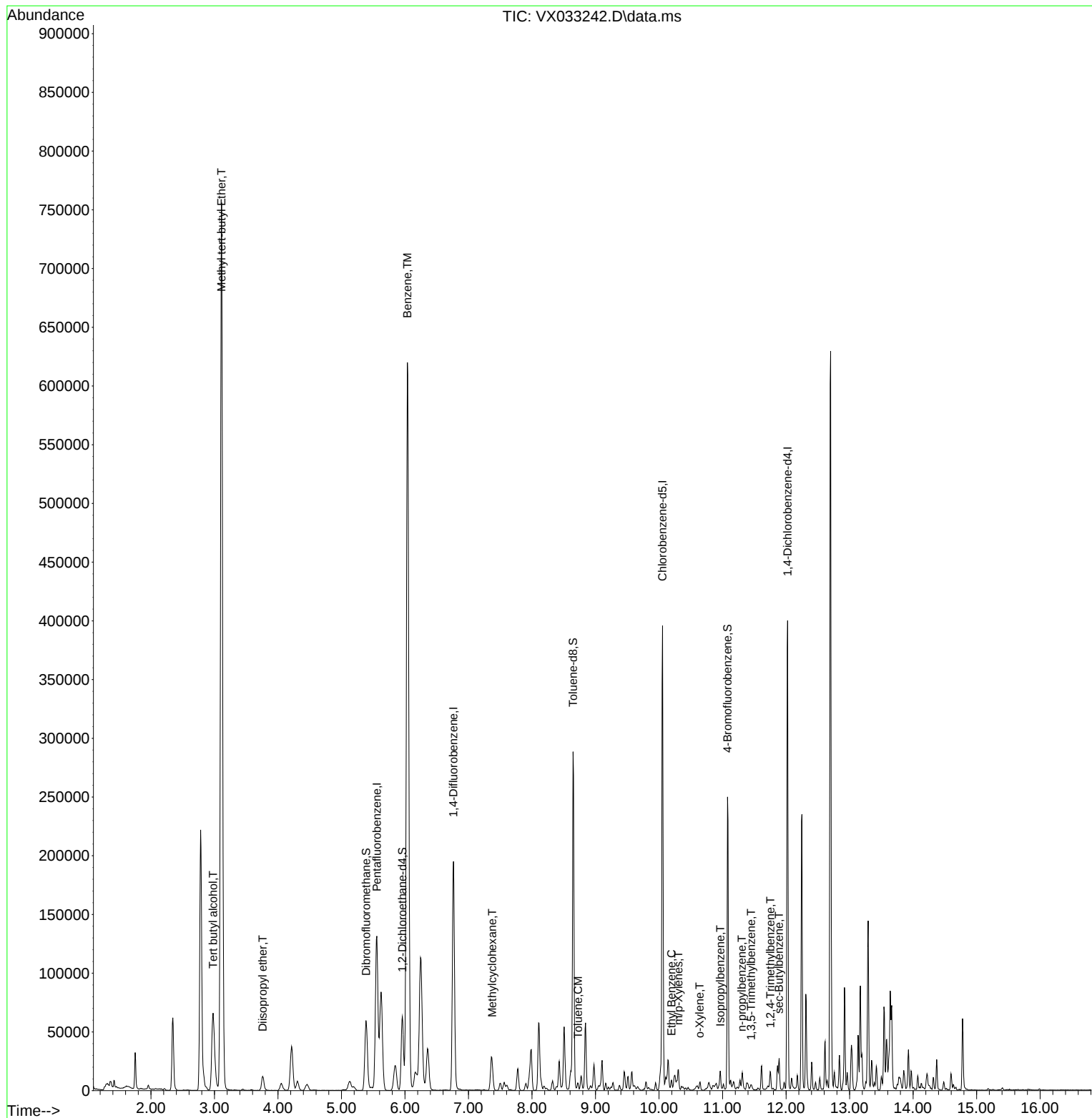
Internal Standards						
1) Pentafluorobenzene	5.556	168	126323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63434	51.483	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.960%	
35) Dibromofluoromethane	5.385	113	52794	46.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.280%	
50) Toluene-d8	8.647	98	170623	49.541	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.080%	
62) 4-Bromofluorobenzene	11.079	95	65017	43.257	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	112019	574.426	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	736573	192.662	ug/l #	78
22) Diisopropyl ether	3.757	45	13013	3.358	ug/l #	85
39) Methylcyclohexane	7.373	83	6392	3.062	ug/l #	48
40) Benzene	6.037	78	759365	148.035	ug/l	99
52) Toluene	8.726	92	2465	0.730	ug/l	97
67) Ethyl Benzene	10.195	91	4188	0.664	ug/l	95
68) m/p-Xylenes	10.305	106	3936	1.593	ug/l	100
69) o-Xylene	10.640	106	797	0.333	ug/l	92
73) Isopropylbenzene	10.963	105	7567	1.253	ug/l	97
78) n-propylbenzene	11.305	91	3171	0.459	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1645	0.324	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	6640	1.313	ug/l	97
85) sec-Butylbenzene	11.890	105	13484	2.232	ug/l	98

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

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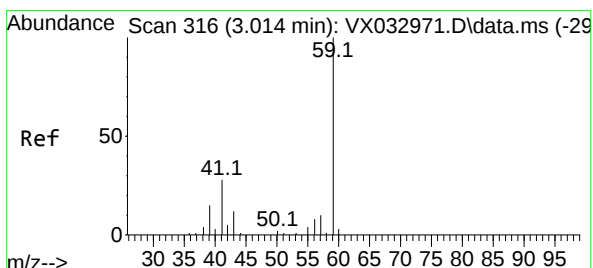
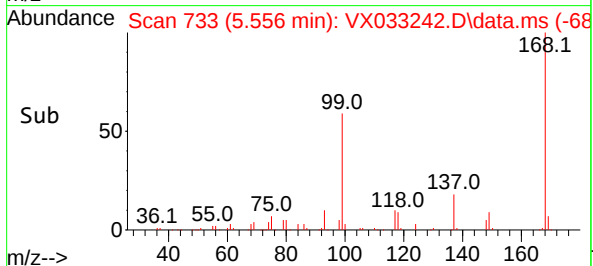
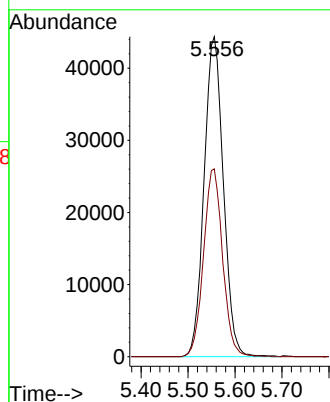
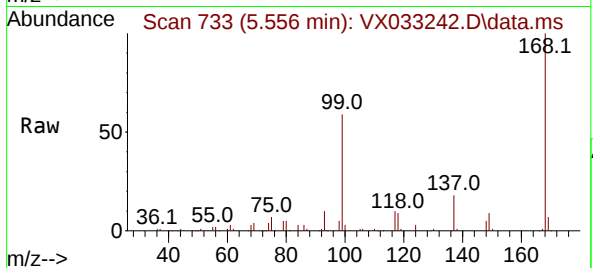




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

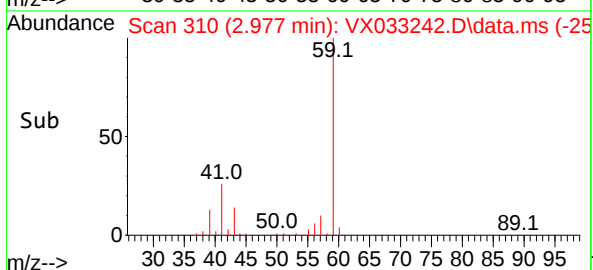
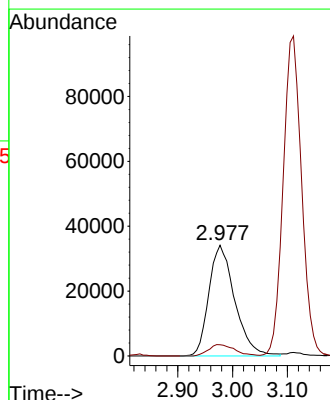
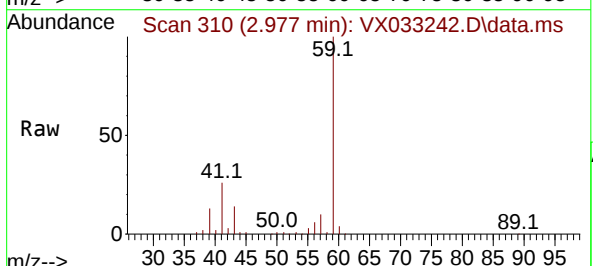
Instrument :
MSVOA_X
ClientSampleId :
MW-42

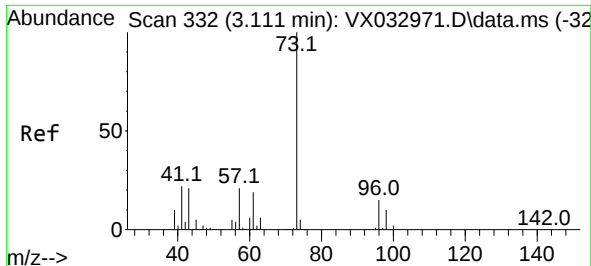
Tgt Ion:168 Resp: 126323
Ion Ratio Lower Upper
168 100
99 58.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 574.426 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

Tgt Ion: 59 Resp: 112019
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

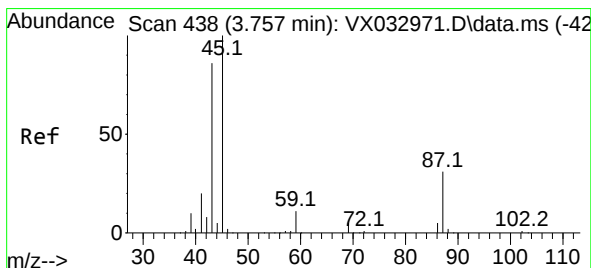
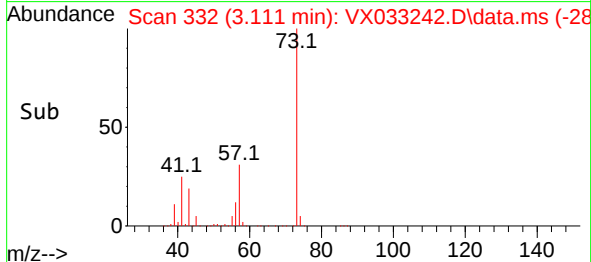
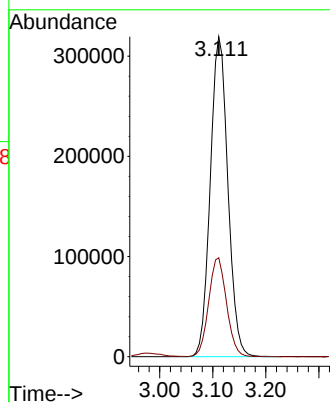
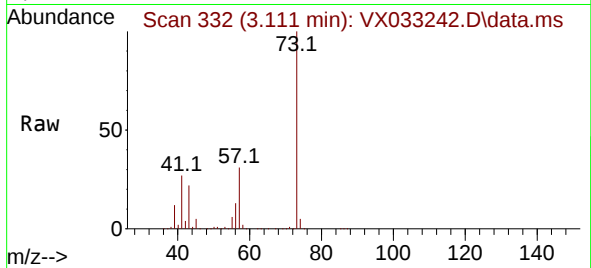




#19
Methyl tert-butyl Ether
Concen: 192.662 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

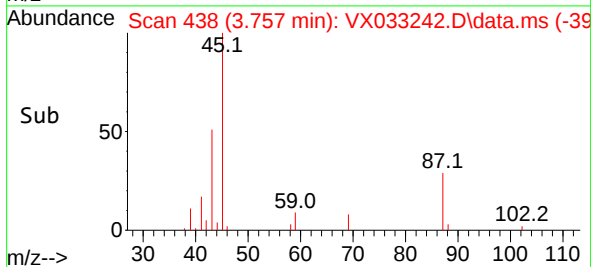
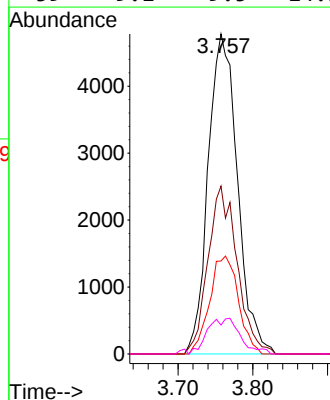
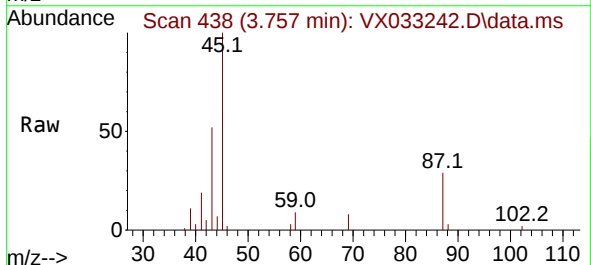
Instrument :
MSVOA_X
ClientSampleId :
MW-42

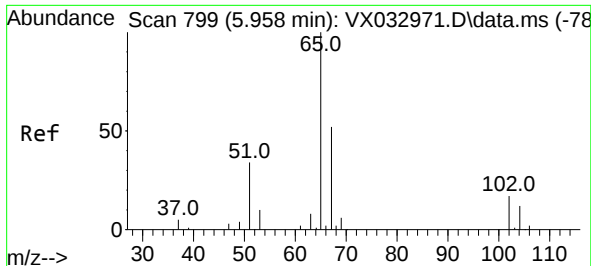
Tgt Ion: 73 Resp: 736573
Ion Ratio Lower Upper
73 100
57 30.9 16.6 25.0#



#22
Diisopropyl ether
Concen: 3.358 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

Tgt Ion: 45 Resp: 13013
Ion Ratio Lower Upper
45 100
43 52.4 56.4 84.6#
87 29.1 24.4 36.6
59 9.1 9.5 14.3#





#33

1,2-Dichloroethane-d4

Concen: 51.483 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033242.D

Acq: 05 Dec 2022 21:36

Instrument :

MSVOA_X

ClientSampleId :

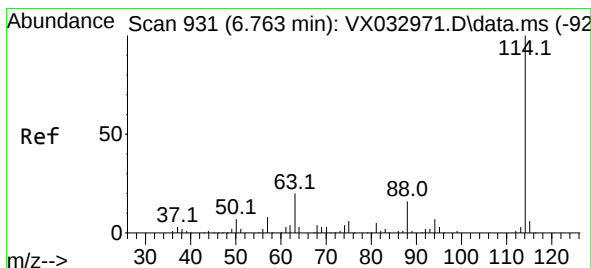
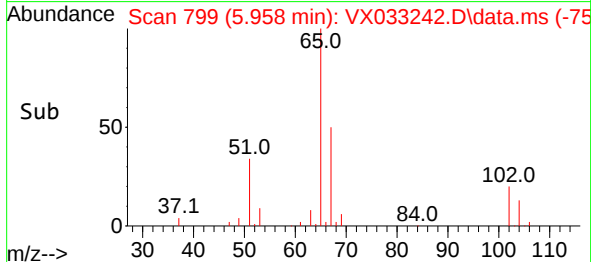
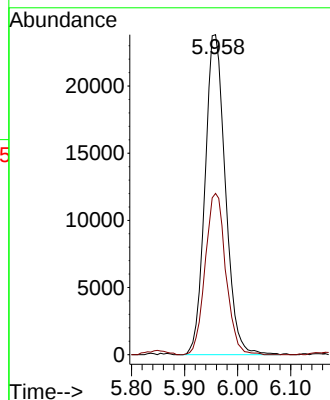
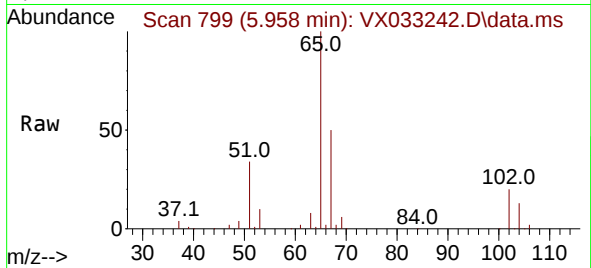
MW-42

Tgt Ion: 65 Resp: 63434

Ion Ratio Lower Upper

65 100

67 51.0 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: VX033242.D

Acq: 05 Dec 2022 21:36

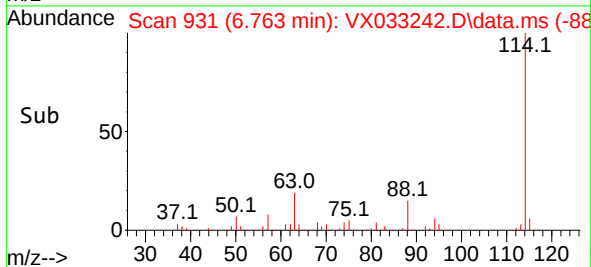
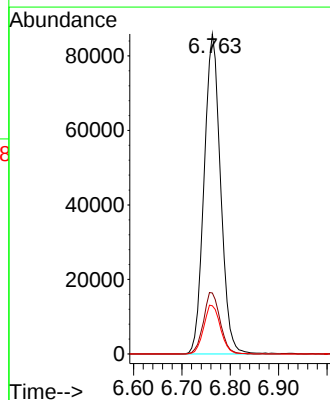
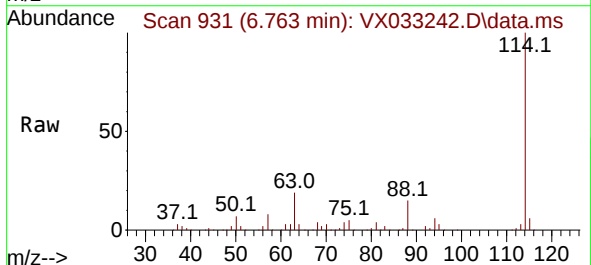
Tgt Ion: 114 Resp: 202960

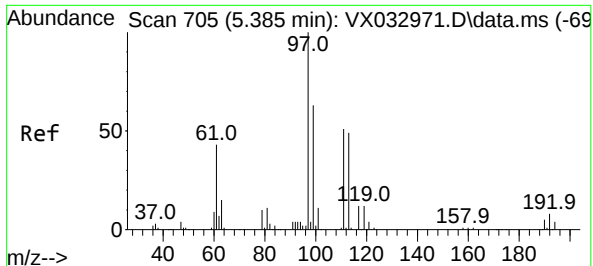
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.140 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033242.D

Acq: 05 Dec 2022 21:36

Instrument :

MSVOA_X

ClientSampleId :

MW-42

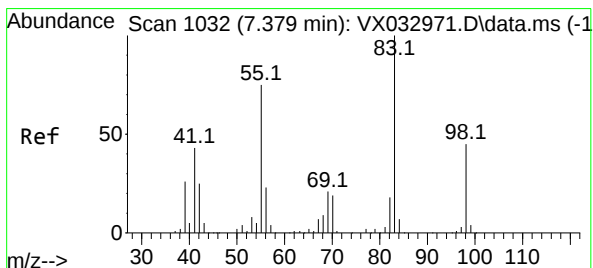
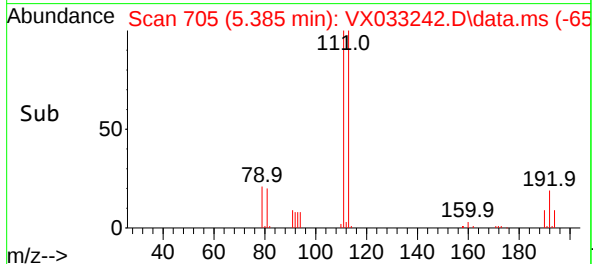
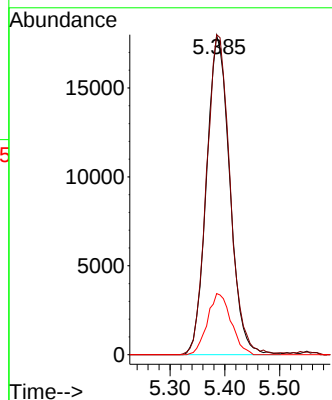
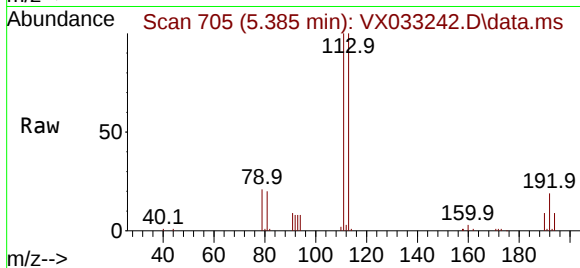
Tgt Ion:113 Resp: 52794

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 19.5 15.4 23.2



#39

Methylcyclohexane

Concen: 3.062 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX033242.D

Acq: 05 Dec 2022 21:36

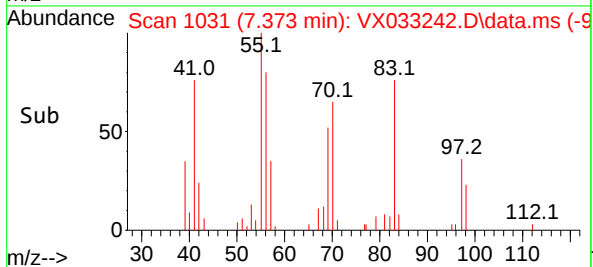
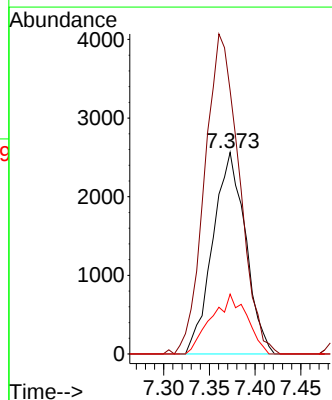
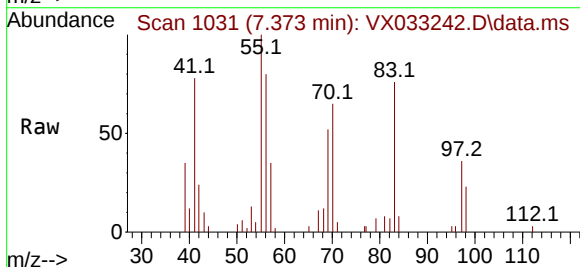
Tgt Ion: 83 Resp: 6392

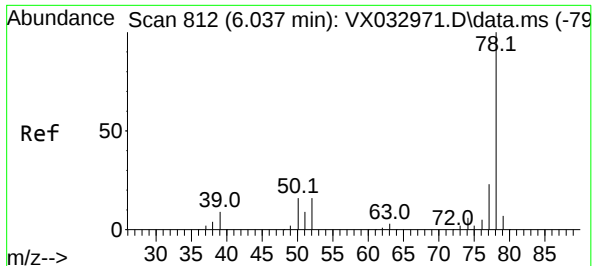
Ion Ratio Lower Upper

83 100

55 130.7 58.4 87.6#

98 29.7 37.2 55.8#

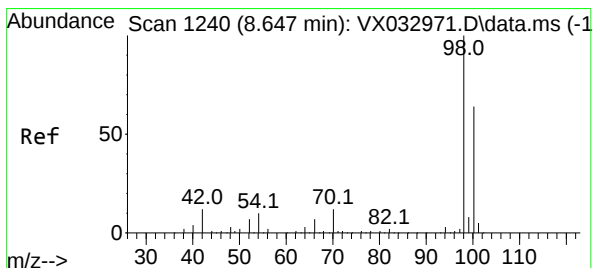
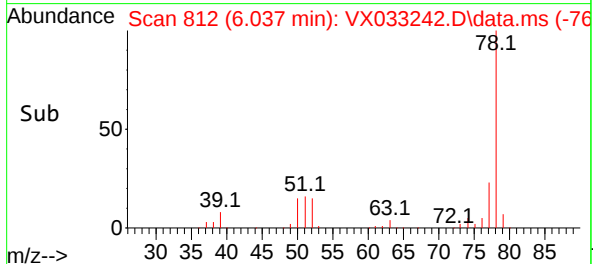
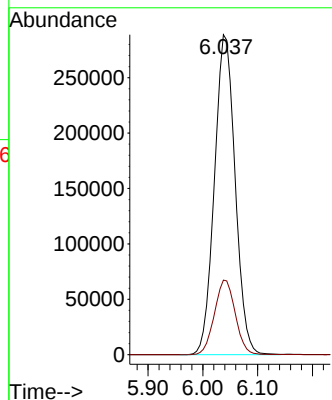
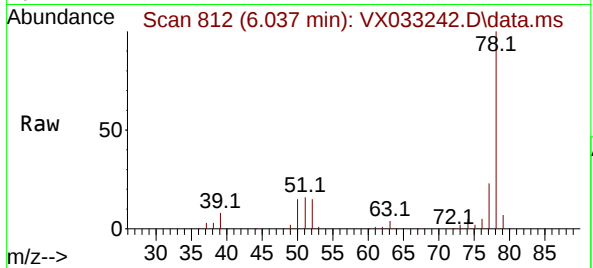




#40
Benzene
Concen: 148.035 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

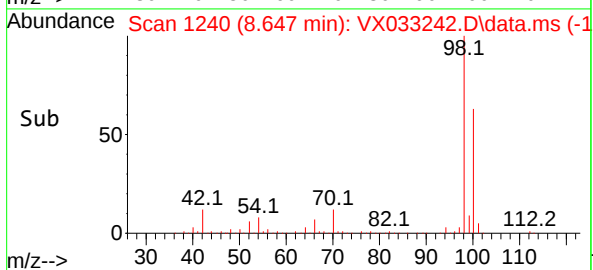
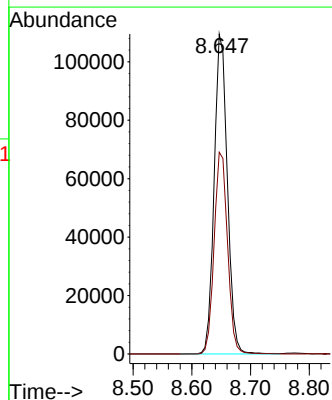
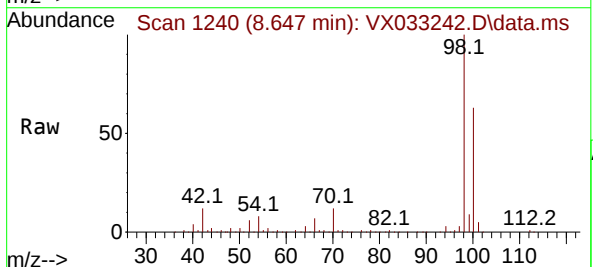
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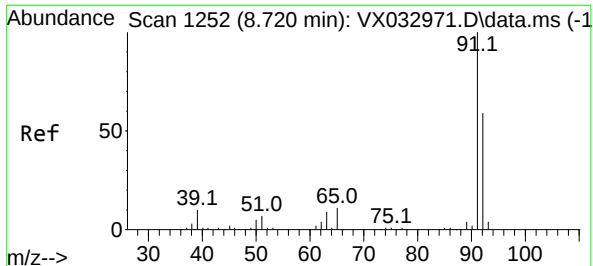
Tgt Ion: 78 Resp: 759365
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



#50
Toluene-d8
Concen: 49.541 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

Tgt Ion: 98 Resp: 170623
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

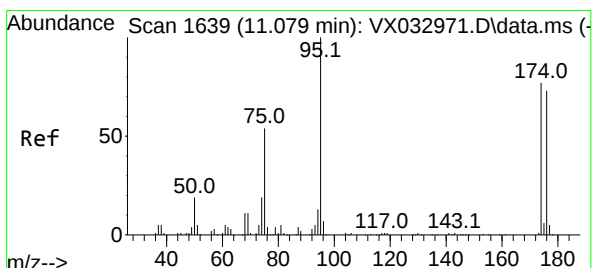
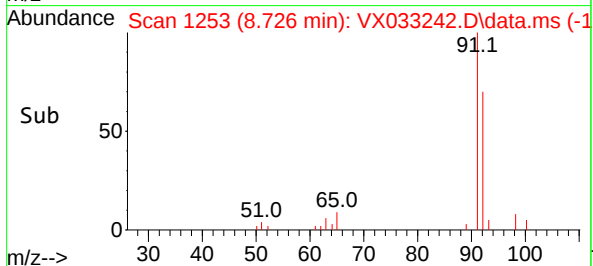
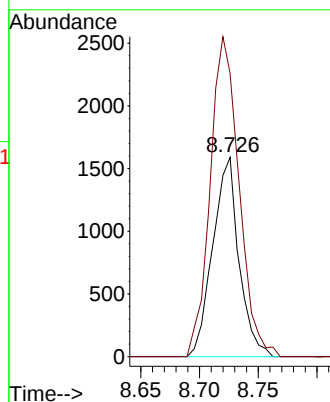
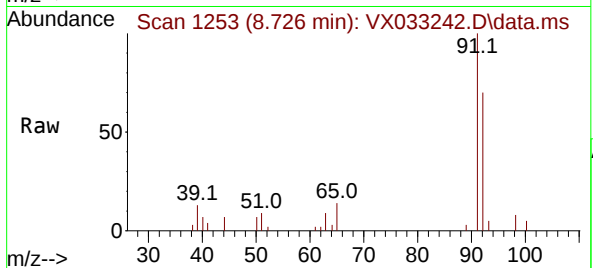




#52
Toluene
Concen: 0.730 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

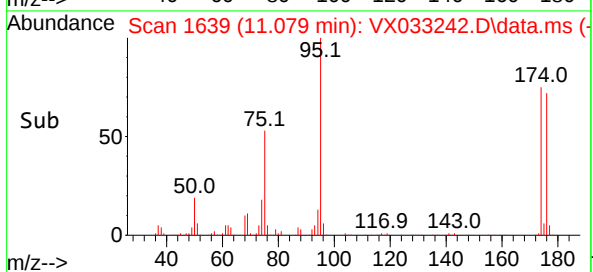
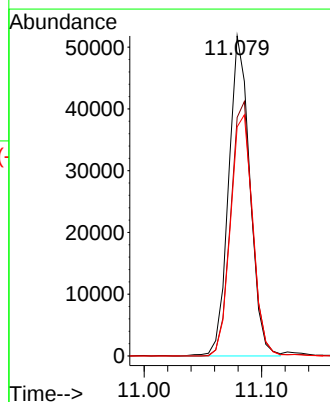
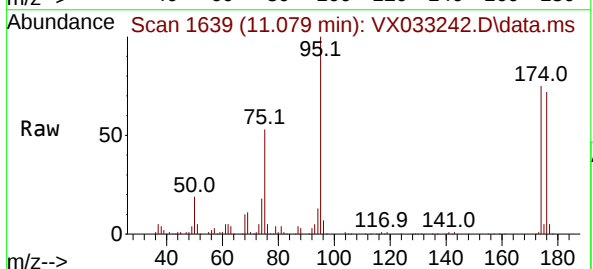
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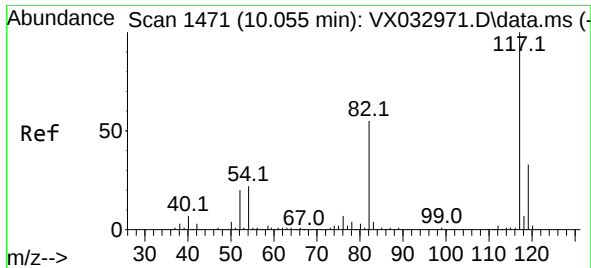
Tgt Ion: 92 Resp: 2465
Ion Ratio Lower Upper
92 100
91 176.7 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 43.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

Tgt Ion: 95 Resp: 65017
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 79.2 0.0 154.4

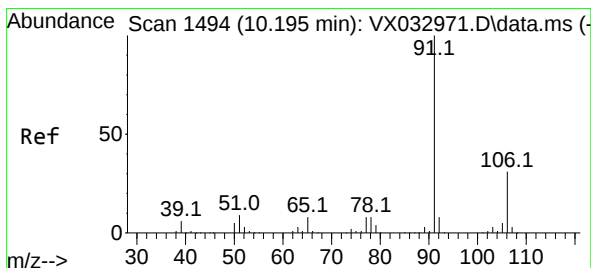
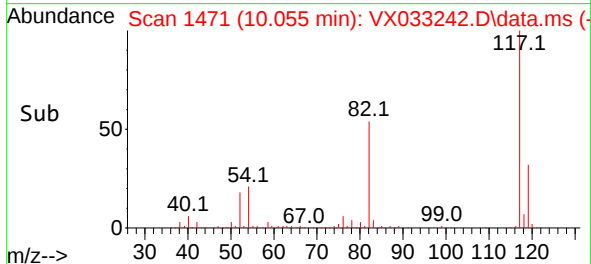
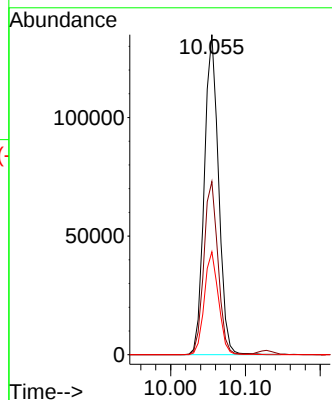
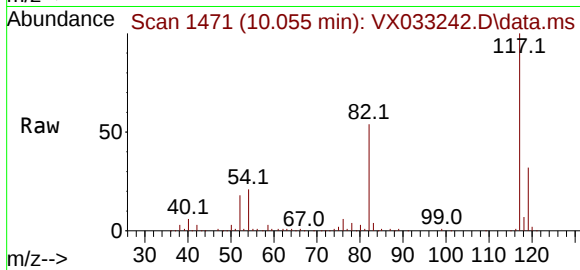




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

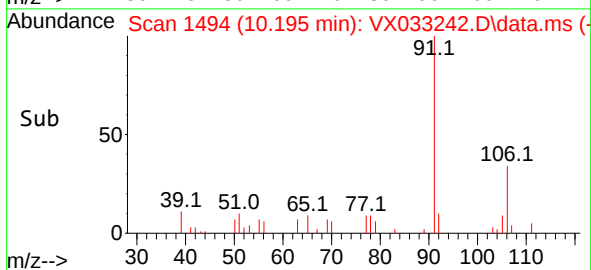
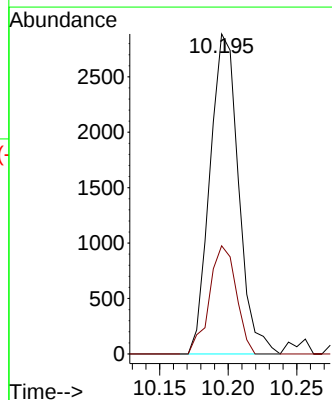
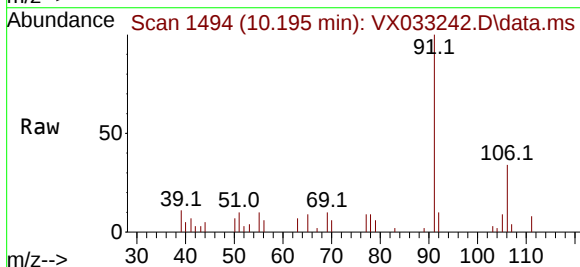
Instrument :
MSVOA_X
ClientSampleId :
MW-42

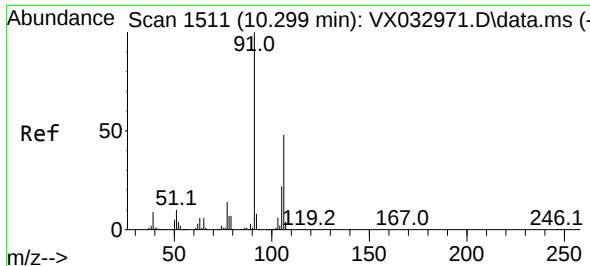
Tgt Ion:117 Resp: 178373
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 32.1 25.7 38.5



#67
Ethyl Benzene
Concen: 0.664 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

Tgt Ion: 91 Resp: 4188
Ion Ratio Lower Upper
91 100
106 33.8 25.0 37.6

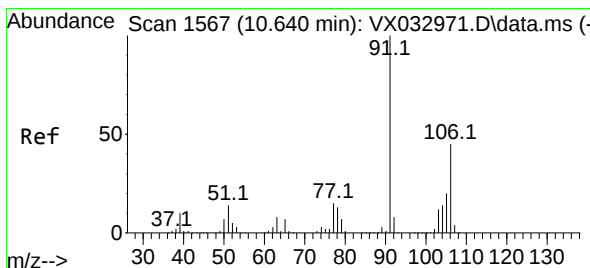
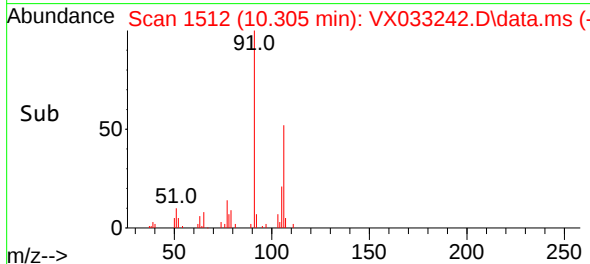
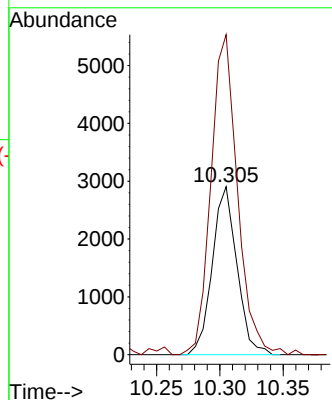
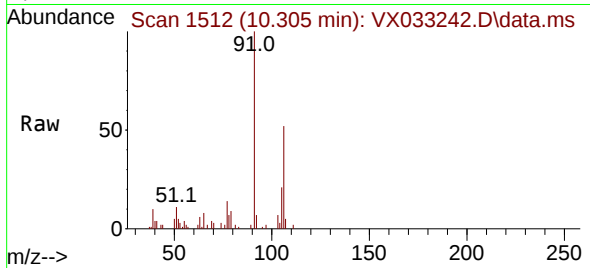




#68
m/p-Xylenes
Concen: 1.593 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

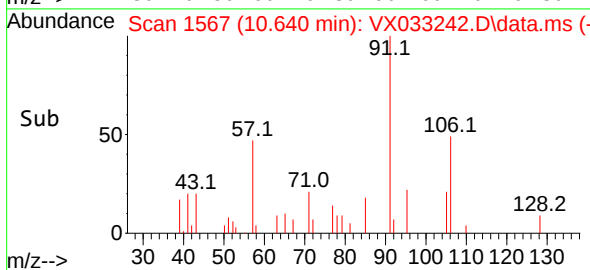
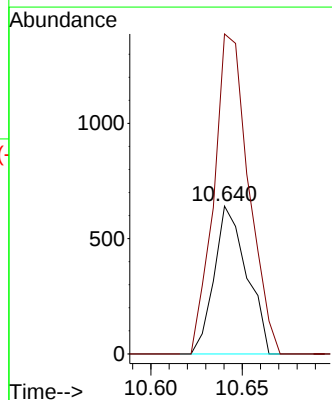
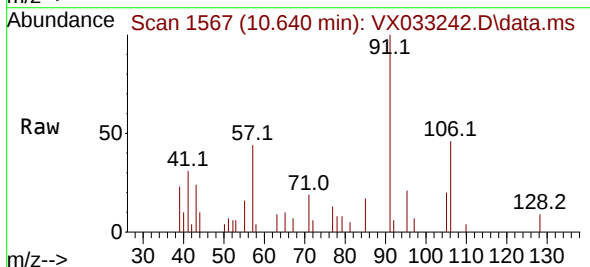
Instrument :
MSVOA_X
ClientSampleId :
MW-42

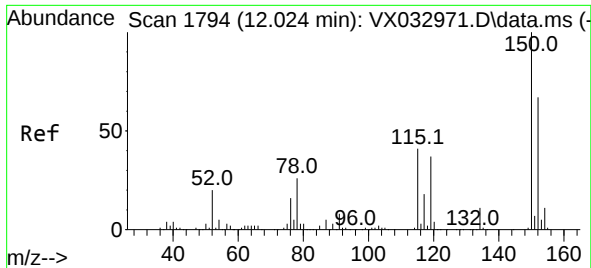
Tgt Ion:106 Resp: 3936
Ion Ratio Lower Upper
106 100
91 205.4 164.5 246.7



#69
o-Xylene
Concen: 0.333 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

Tgt Ion:106 Resp: 797
Ion Ratio Lower Upper
106 100
91 231.1 109.2 327.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033242.D

Acq: 05 Dec 2022 21:36

Instrument :

MSVOA_X

ClientSampleId :

MW-42

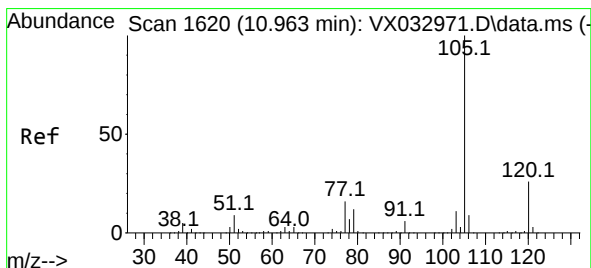
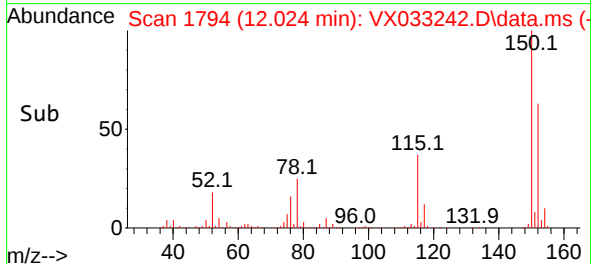
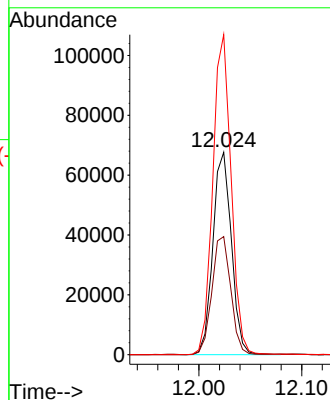
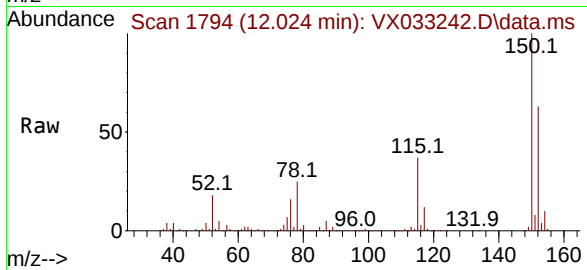
Tgt Ion:152 Resp: 84496

Ion Ratio Lower Upper

152 100

115 59.4 44.0 132.0

150 156.6 0.0 351.8



#73

Isopropylbenzene

Concen: 1.253 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX033242.D

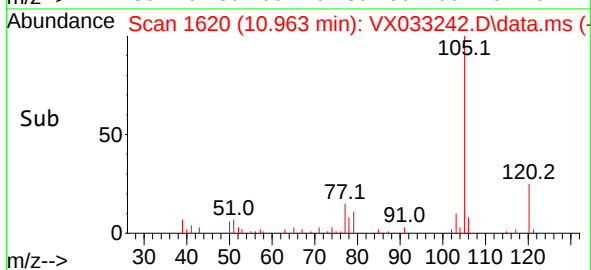
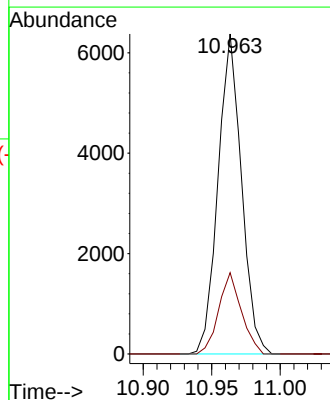
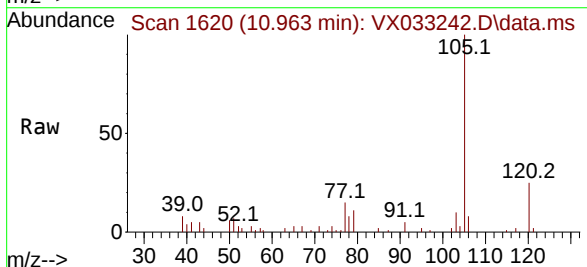
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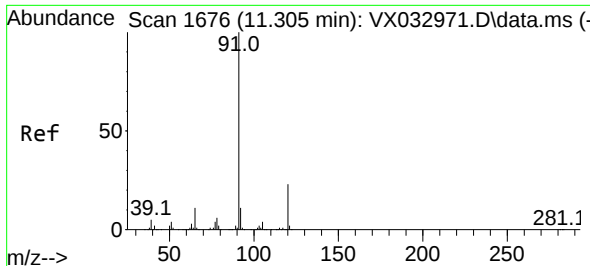
Tgt Ion:105 Resp: 7567

Ion Ratio Lower Upper

105 100

120 24.6 13.1 39.3

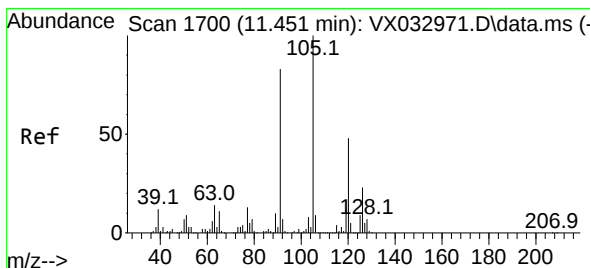
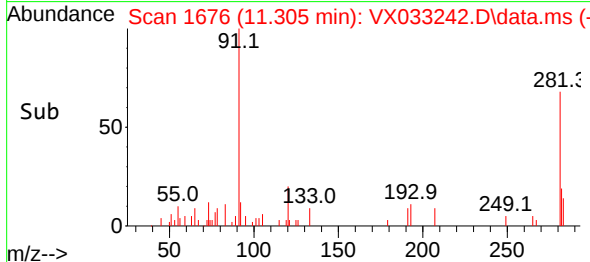
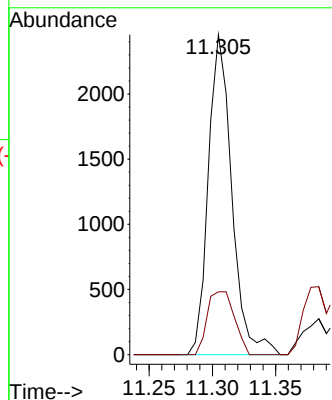
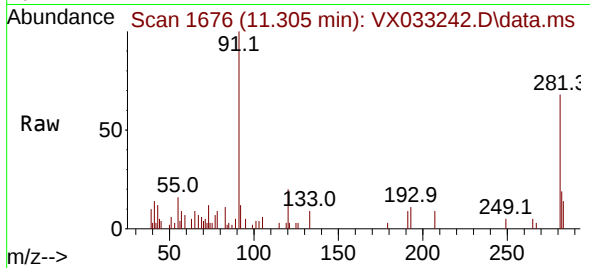




#78
n-propylbenzene
Concen: 0.459 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

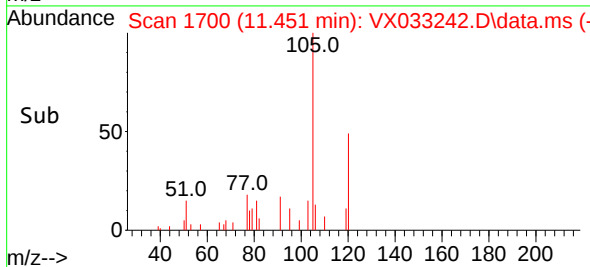
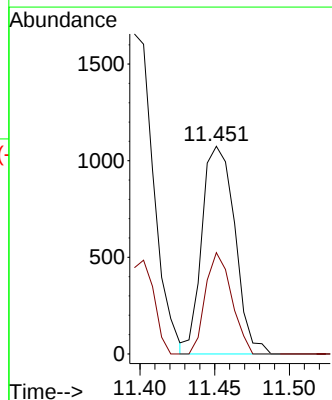
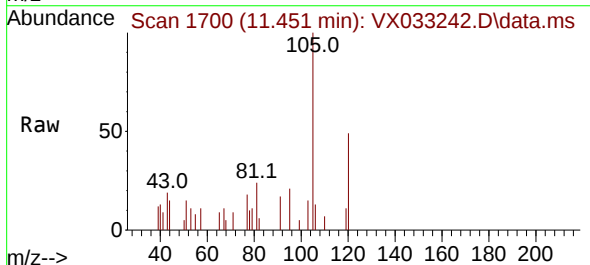
Instrument :
MSVOA_X
ClientSampleId :
MW-42

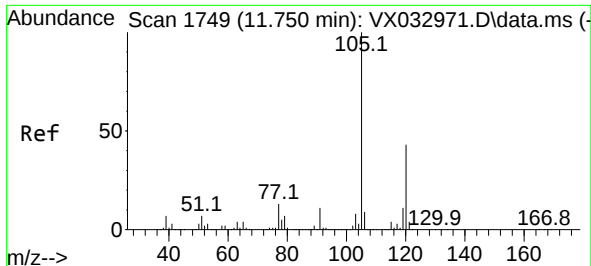
Tgt Ion: 91 Resp: 3171
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 0.324 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

Tgt Ion: 105 Resp: 1645
Ion Ratio Lower Upper
105 100
120 38.8 23.6 71.0

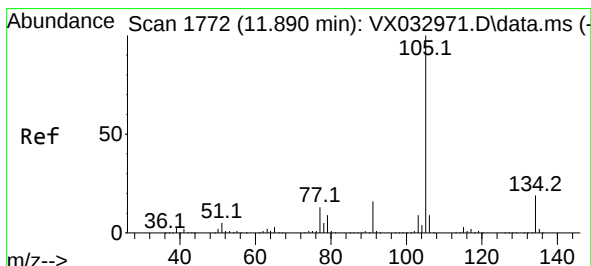
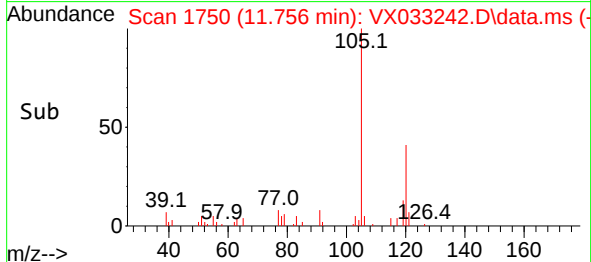
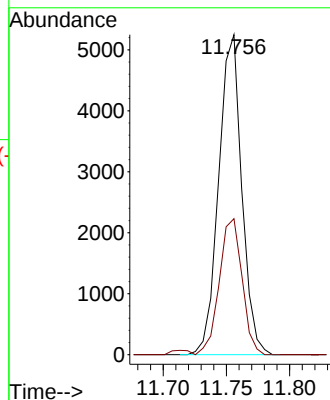
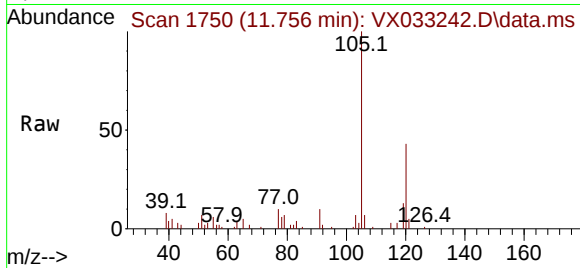




#84
1,2,4-Trimethylbenzene
Concen: 1.313 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

Instrument :
MSVOA_X
ClientSampleId :
MW-42

Tgt Ion:105 Resp: 6640
Ion Ratio Lower Upper
105 100
120 42.0 21.9 65.5



#85
sec-Butylbenzene
Concen: 2.232 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX033242.D
Acq: 05 Dec 2022 21:36

Tgt Ion:105 Resp: 13484
Ion Ratio Lower Upper
105 100
134 18.9 9.9 29.7

