

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033266.D
 Acq On : 06 Dec 2022 18:08
 Operator : JC/MD
 Sample : N5875-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-42DL

Quant Time: Dec 07 01:34:48 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)

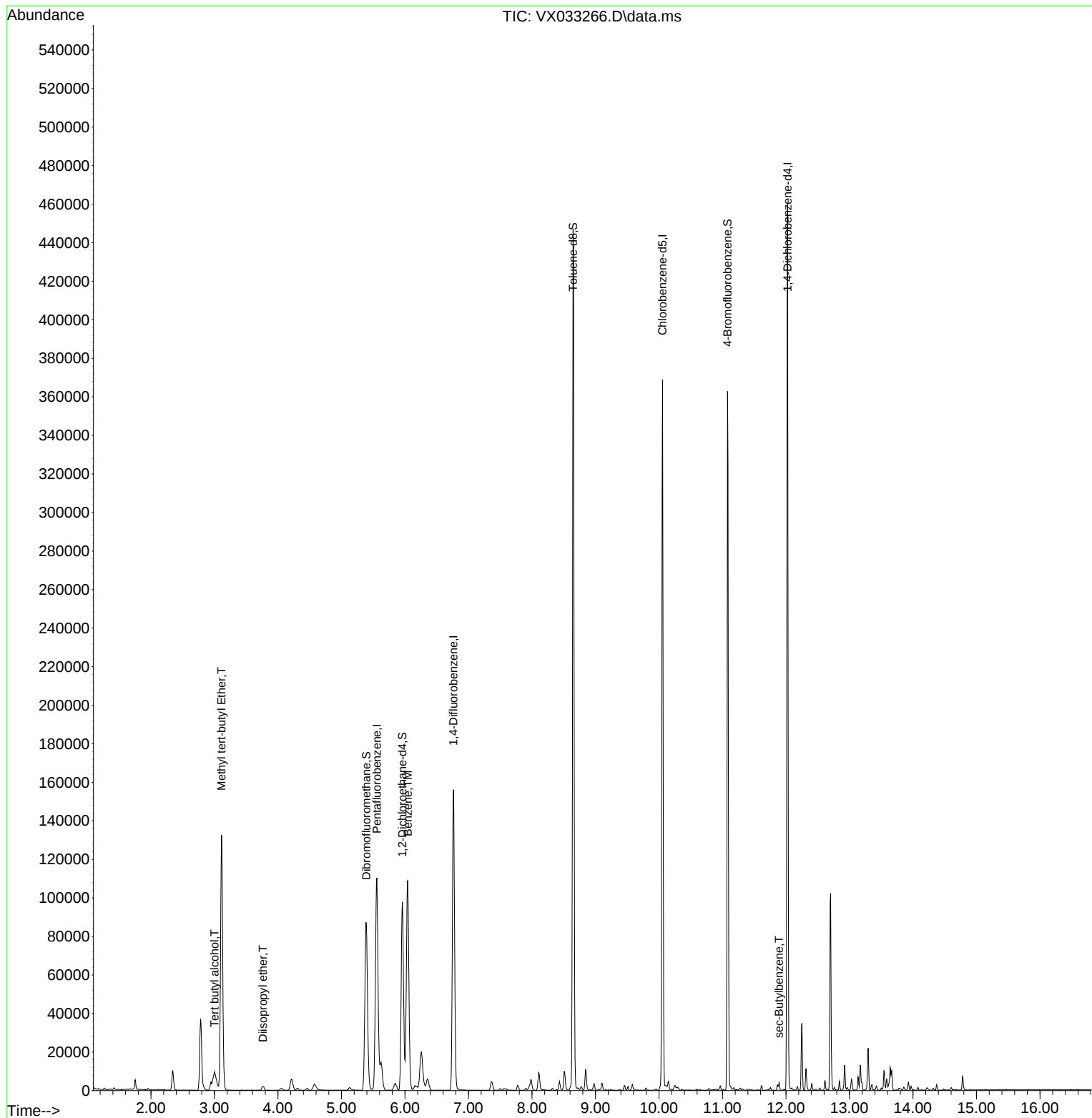
Internal Standards						
1) Pentafluorobenzene	5.556	168	106075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98567	98.109	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	196.220%#
35) Dibromofluoromethane	5.391	113	76874	83.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	167.040%#
50) Toluene-d8	8.647	98	269078	99.290	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	198.580%#
62) 4-Bromofluorobenzene	11.079	95	92148	76.215	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	152.420%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.002	59	21696	132.493	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	126695	39.465	ug/l #	82
22) Diisopropyl ether	3.764	45	2344	0.720	ug/l #	80
40) Benzene	6.044	78	134888	32.690	ug/l	98
85) sec-Butylbenzene	11.890	105	2192	0.313	ug/l #	69

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

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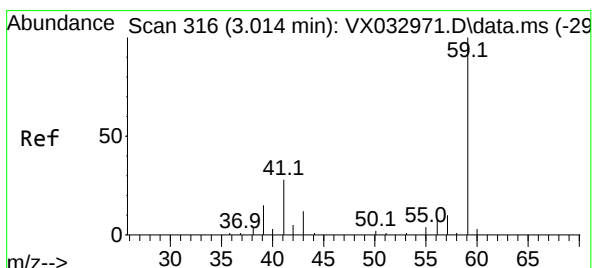
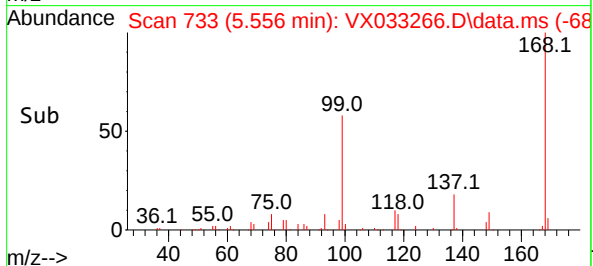
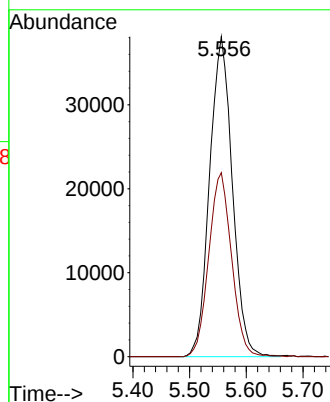
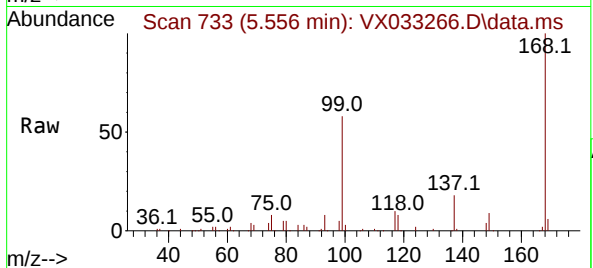




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033266.D
Acq: 06 Dec 2022 18:08

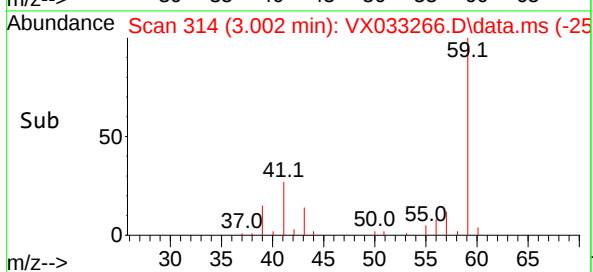
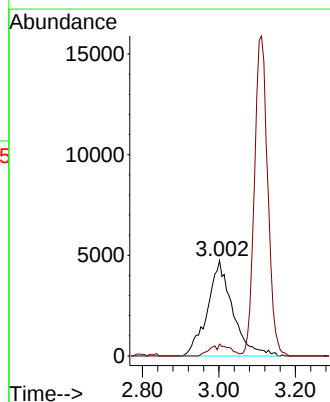
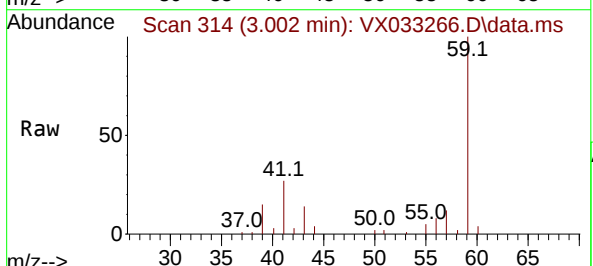
Instrument :
MSVOA_X
ClientSampleId :
MW-42DL

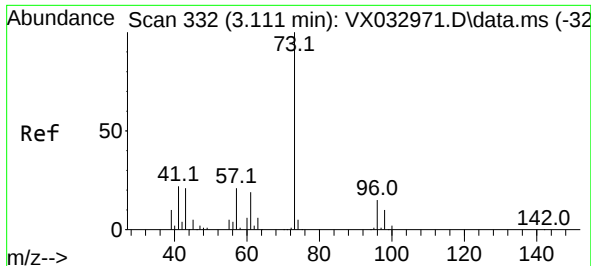
Tgt Ion:168 Resp: 106075
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 132.493 ug/l
RT: 3.002 min Scan# 314
Delta R.T. 0.037 min
Lab File: VX033266.D
Acq: 06 Dec 2022 18:08

Tgt Ion: 59 Resp: 21696
Ion Ratio Lower Upper
59 100
57 5.8 8.2 12.4#

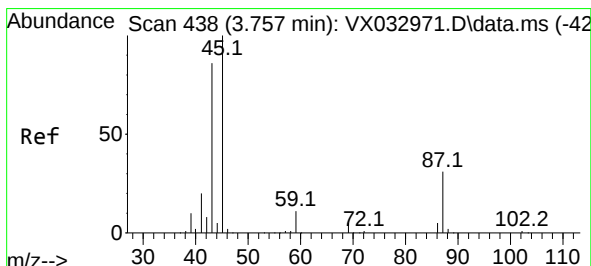
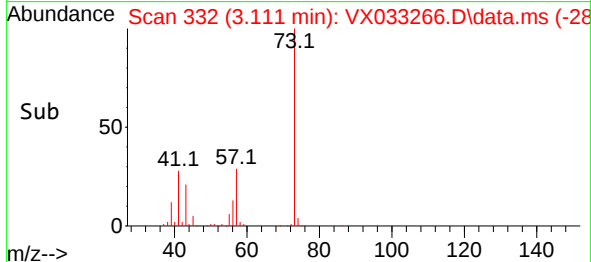
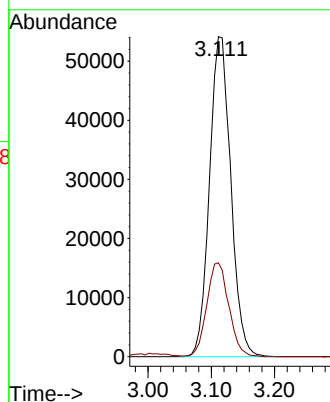
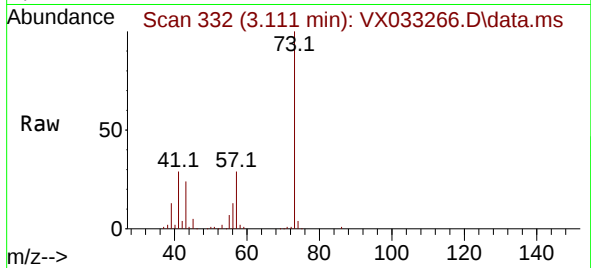




#19
Methyl tert-butyl Ether
Concen: 39.465 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033266.D
Acq: 06 Dec 2022 18:08

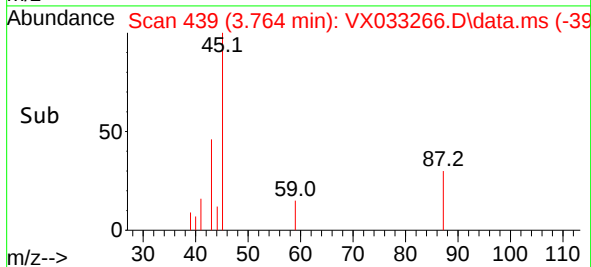
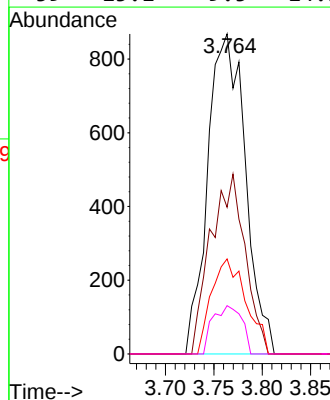
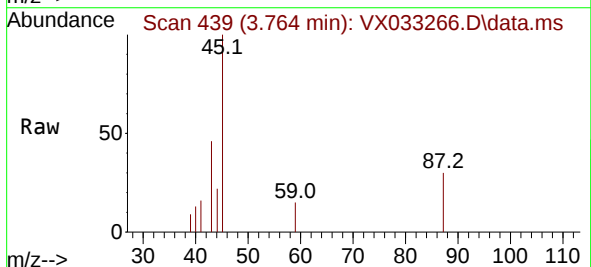
Instrument :
MSVOA_X
ClientSampleId :
MW-42DL

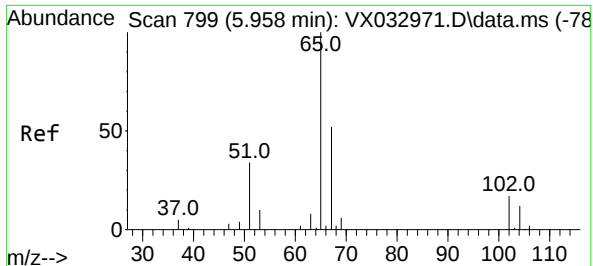
Tgt Ion: 73 Resp: 126695
Ion Ratio Lower Upper
73 100
57 29.4 16.6 25.0#



#22
Diisopropyl ether
Concen: 0.720 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX033266.D
Acq: 06 Dec 2022 18:08

Tgt Ion: 45 Resp: 2344
Ion Ratio Lower Upper
45 100
43 45.9 56.4 84.6#
87 29.7 24.4 36.6
59 15.1 9.5 14.3#





#33

1,2-Dichloroethane-d4

Concen: 98.109 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033266.D

Acq: 06 Dec 2022 18:08

Instrument :

MSVOA_X

ClientSampleId :

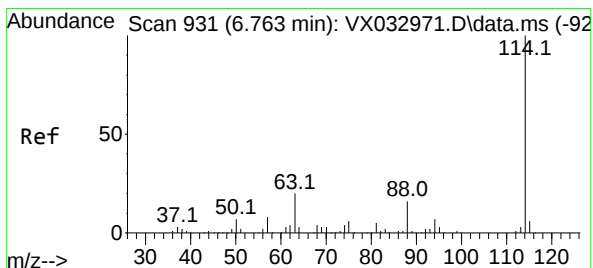
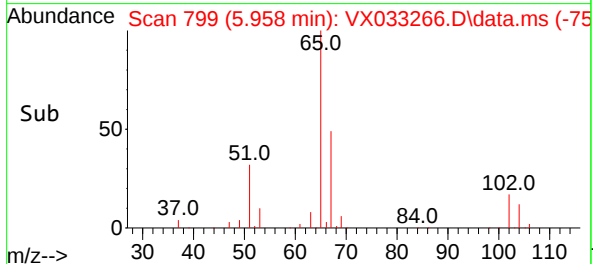
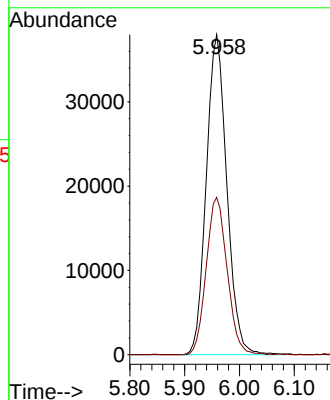
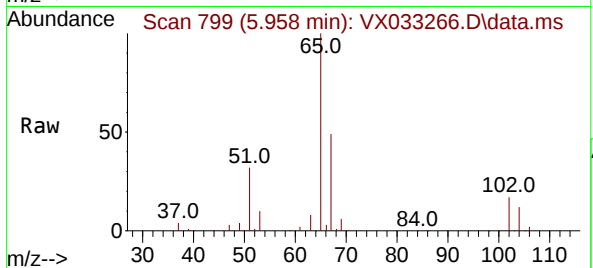
MW-42DL

Tgt Ion: 65 Resp: 98567

Ion Ratio Lower Upper

65 100

67 50.1 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: VX033266.D

Acq: 06 Dec 2022 18:08

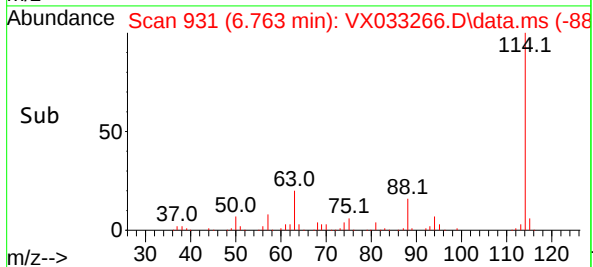
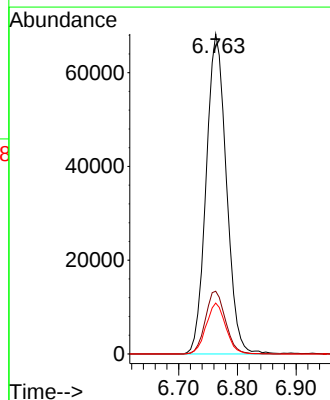
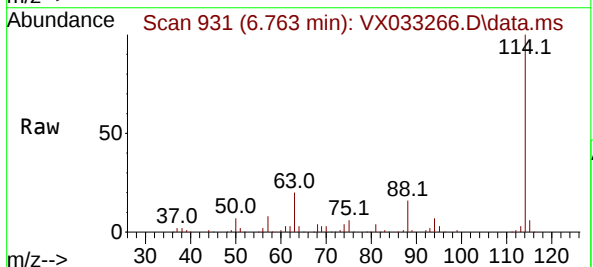
Tgt Ion: 114 Resp: 163262

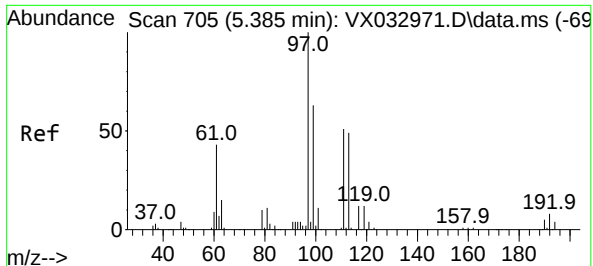
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 83.521 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033266.D

Acq: 06 Dec 2022 18:08

Instrument :

MSVOA_X

ClientSampleId :

MW-42DL

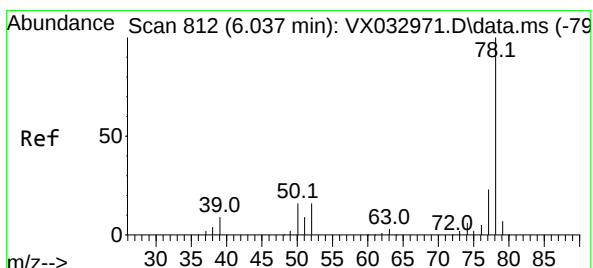
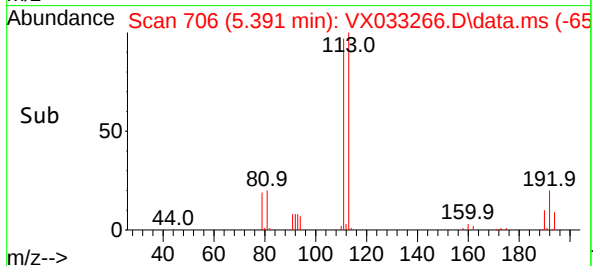
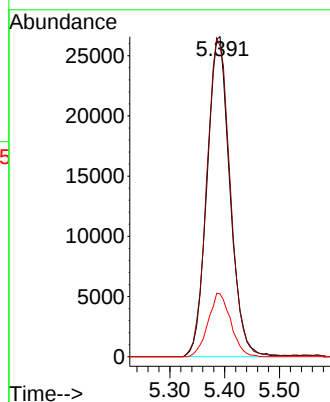
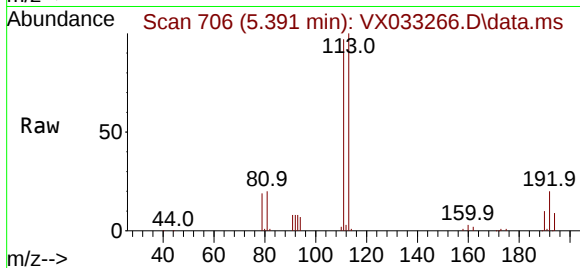
Tgt Ion:113 Resp: 76874

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 19.6 15.4 23.2



#40

Benzene

Concen: 32.690 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX033266.D

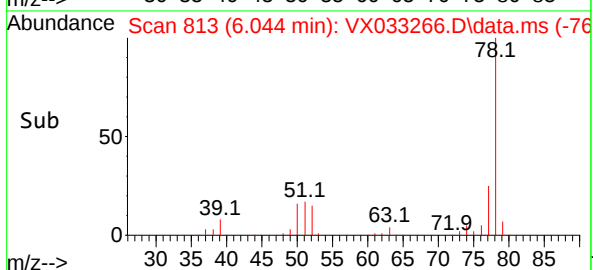
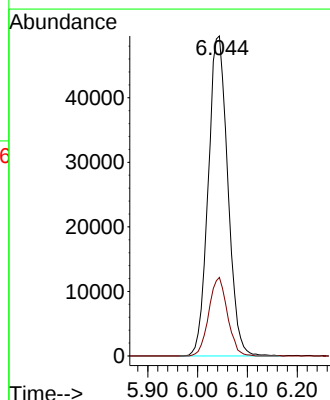
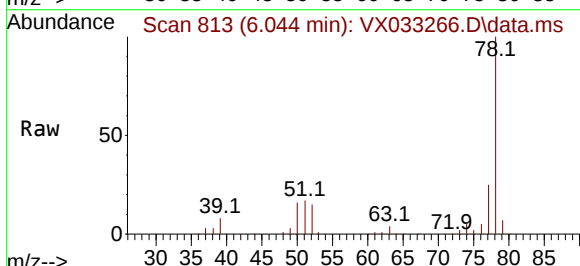
Acq: 06 Dec 2022 18:08

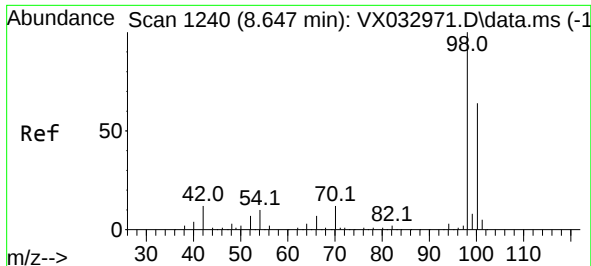
Tgt Ion: 78 Resp: 134888

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.4

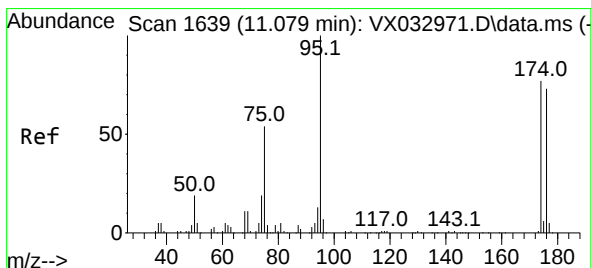
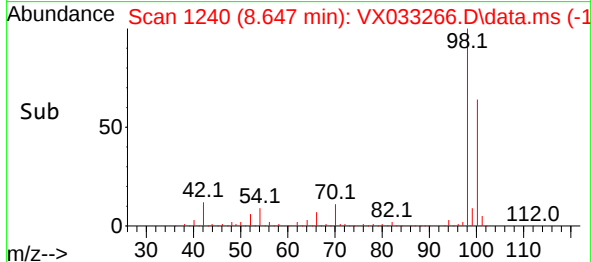
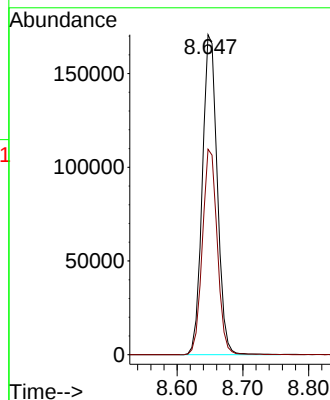
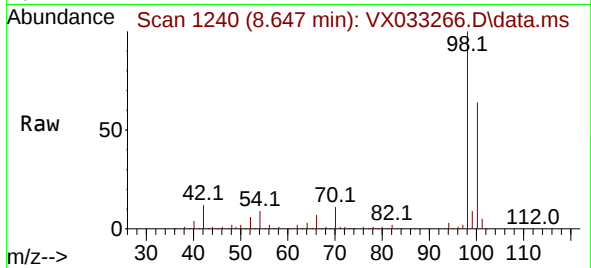




#50
Toluene-d8
Concen: 99.290 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033266.D
Acq: 06 Dec 2022 18:08

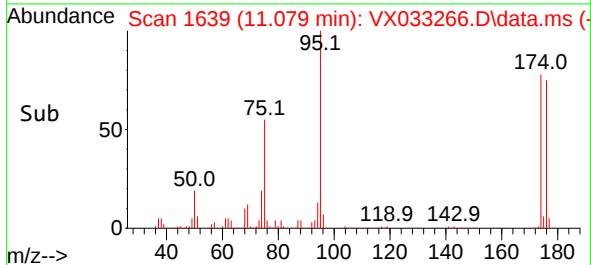
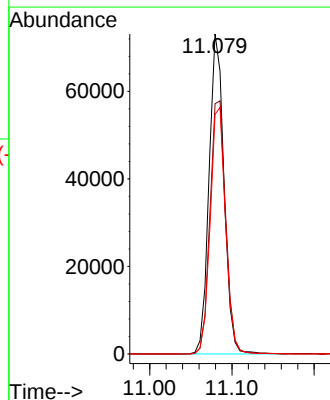
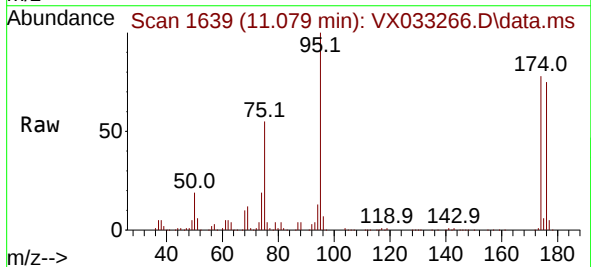
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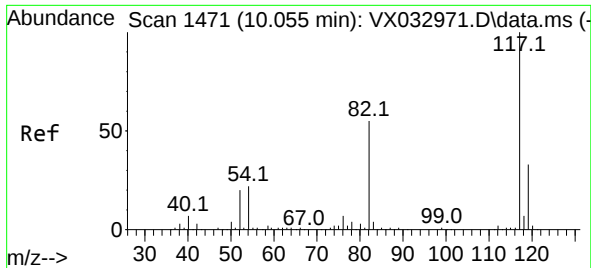
Tgt Ion: 98 Resp: 269078
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 76.215 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033266.D
Acq: 06 Dec 2022 18:08

Tgt Ion: 95 Resp: 92148
Ion Ratio Lower Upper
95 100
174 83.6 0.0 164.0
176 79.5 0.0 154.4

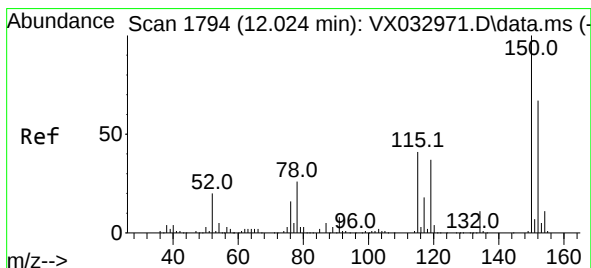
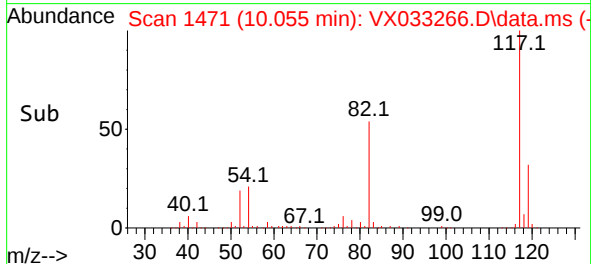
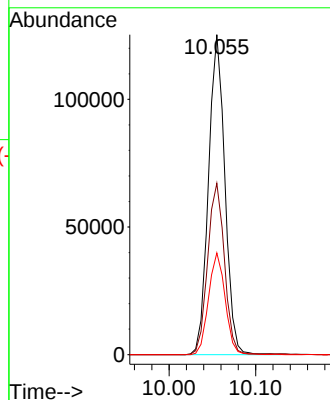
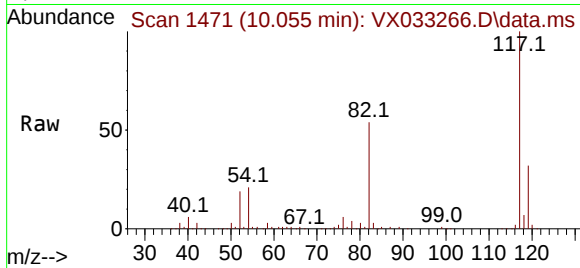




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033266.D
Acq: 06 Dec 2022 18:08

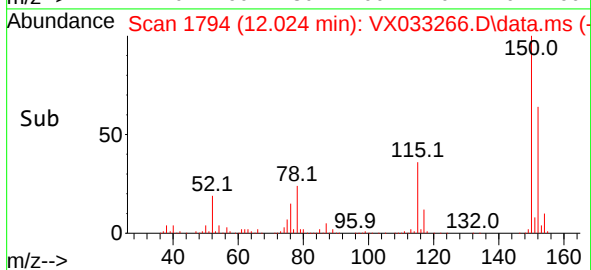
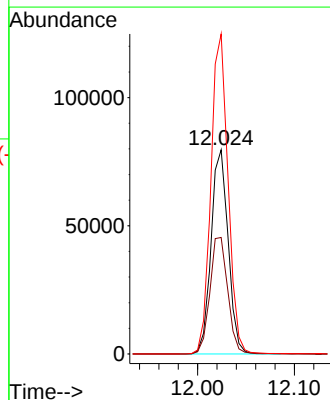
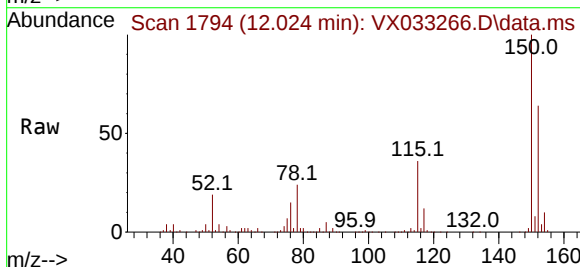
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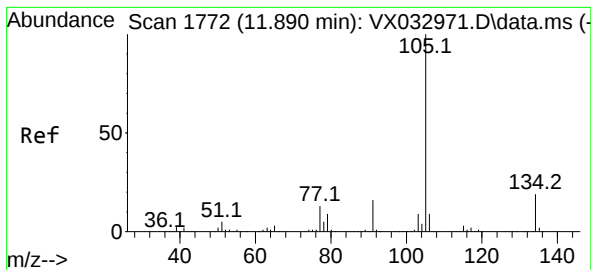
Tgt Ion:117 Resp: 164660
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033266.D
Acq: 06 Dec 2022 18:08

Tgt Ion:152 Resp: 97982
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 157.0 0.0 351.8





#85

sec-Butylbenzene

Concen: 0.313 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033266.D

Acq: 06 Dec 2022 18:08

Instrument :

MSVOA_X

ClientSampleId :

MW-42DL

Tgt Ion:105 Resp: 2192

Ion Ratio Lower Upper

105 100

134 34.0 9.9 29.7#

