

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028025.D
 Acq On : 08 Apr 2022 14:24
 Operator : JC/MD
 Sample : N2333-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9D

Quant Time: Apr 11 01:16:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

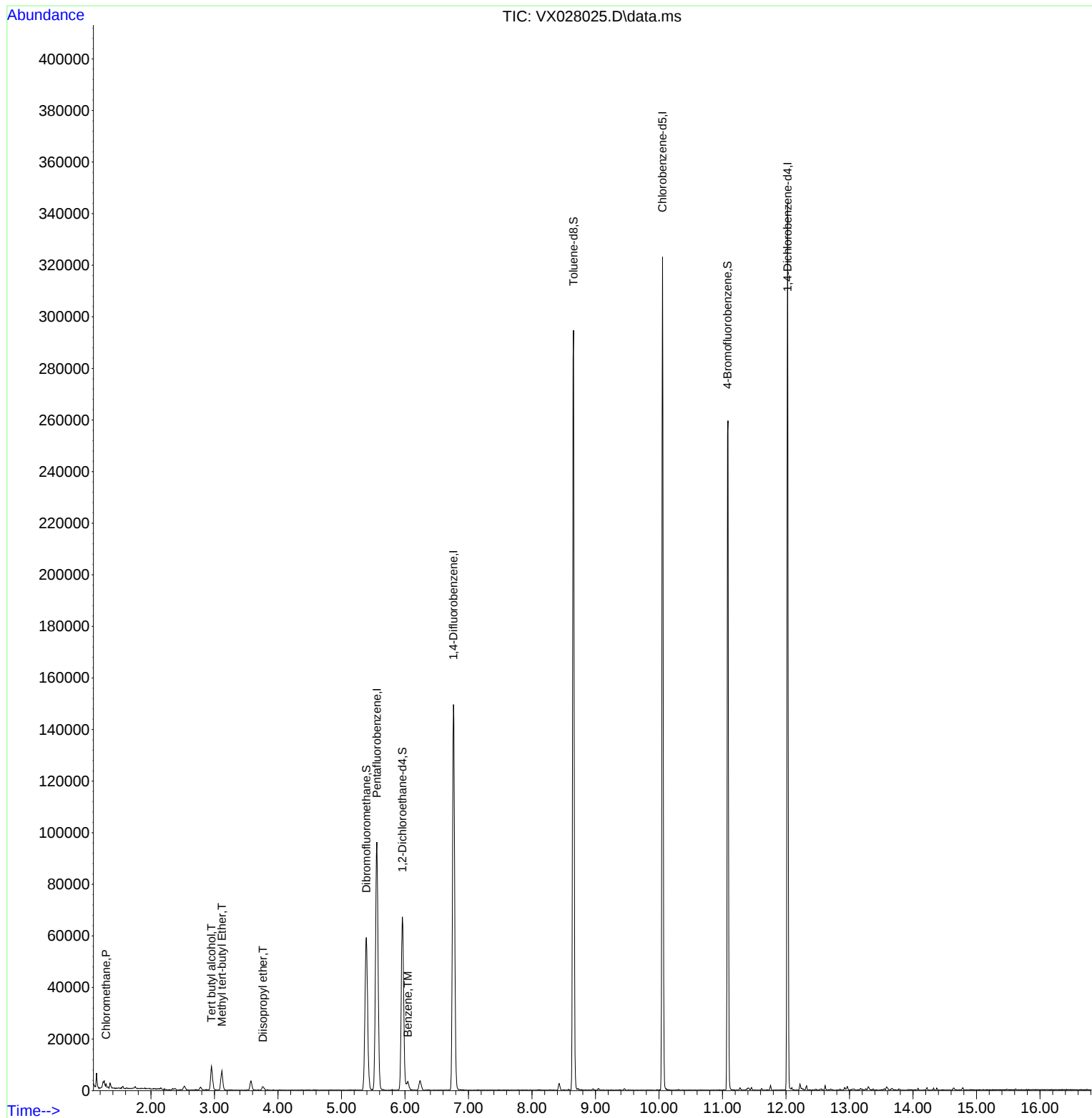
Internal Standards						
1) Pentafluorobenzene	5.556	168	80463	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	142670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70957	58.093	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.180%
35) Dibromofluoromethane	5.391	113	50132	52.348	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.700%
50) Toluene-d8	8.653	98	169313	49.550	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	71791	49.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.840%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	663	2.183	ug/l	99
11) Tert butyl alcohol	2.953	59	9497	44.129	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	7483	2.506	ug/l	98
22) Diisopropyl ether	3.764	45	1319	0.444	ug/l #	80
40) Benzene	6.044	78	3622	0.921	ug/l #	82

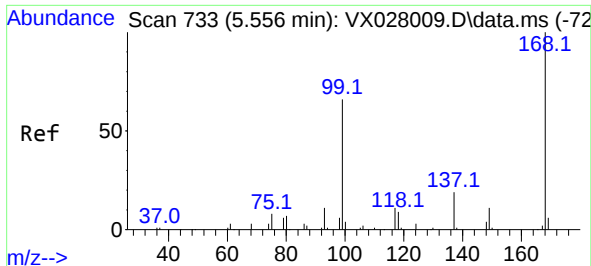
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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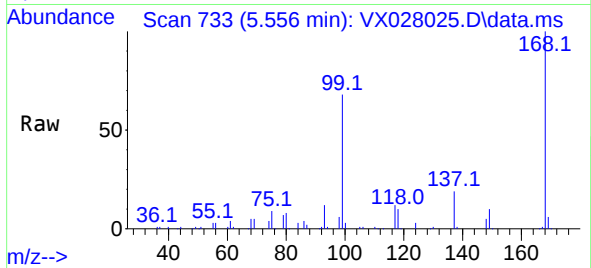
Quant Time: Apr 11 01:16:51 2022
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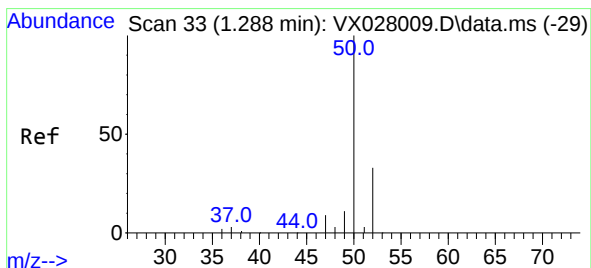
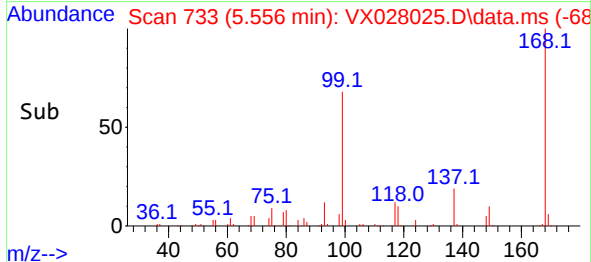
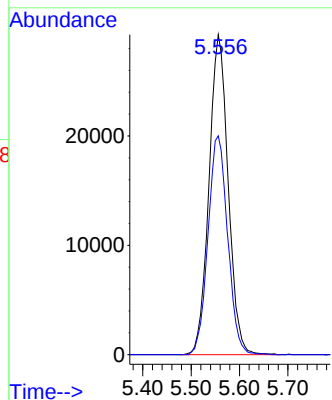


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028025.D
Acq: 08 Apr 2022 14:24

Instrument :
MSVOA_X
ClientSampleId :
MW-9D

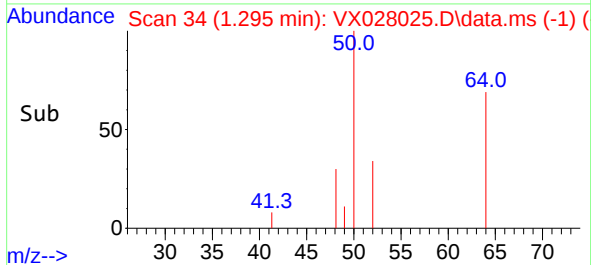
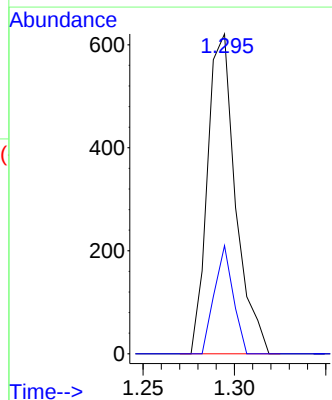
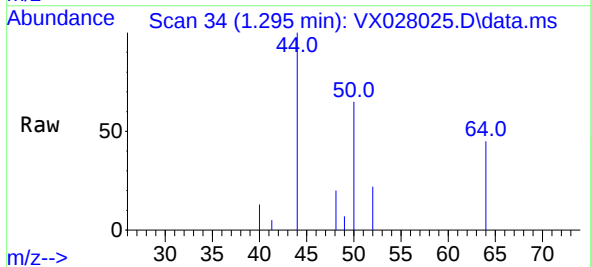


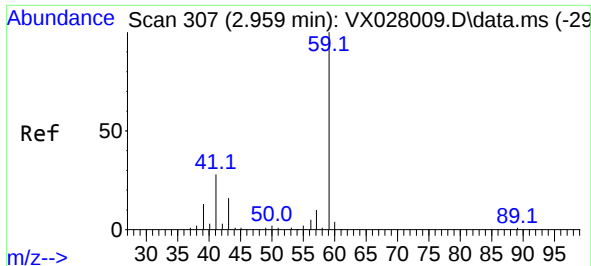
Tgt Ion:168 Resp: 80463
Ion Ratio Lower Upper
168 100
99 68.4 41.7 62.5#



#3
Chloromethane
Concen: 2.183 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX028025.D
Acq: 08 Apr 2022 14:24

Tgt Ion: 50 Resp: 663
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6





#11

Tert butyl alcohol

Concen: 44.129 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX028025.D

Acq: 08 Apr 2022 14:24

Instrument :

MSVOA_X

ClientSampleId :

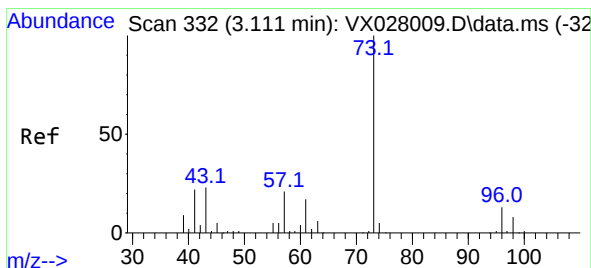
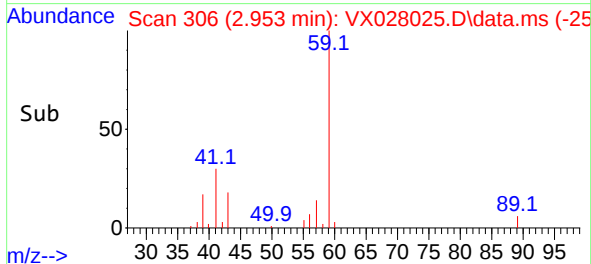
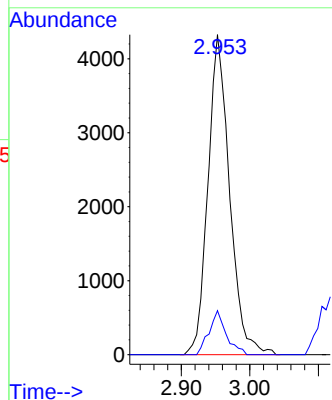
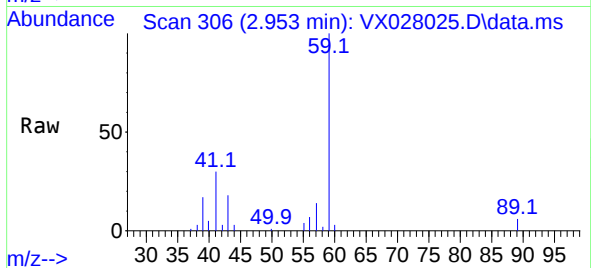
MW-9D

Tgt Ion: 59 Resp: 9497

Ion Ratio Lower Upper

59 100

57 10.9 8.3 12.5



#19

Methyl tert-butyl Ether

Concen: 2.506 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX028025.D

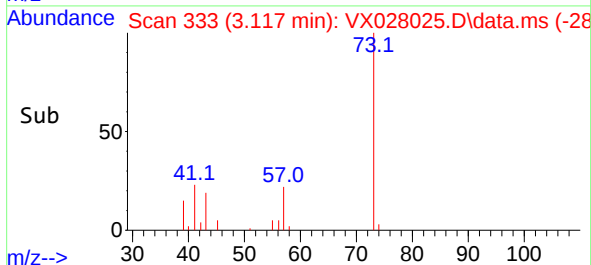
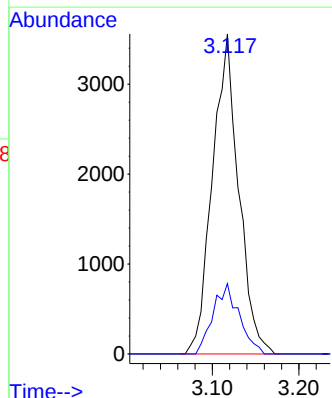
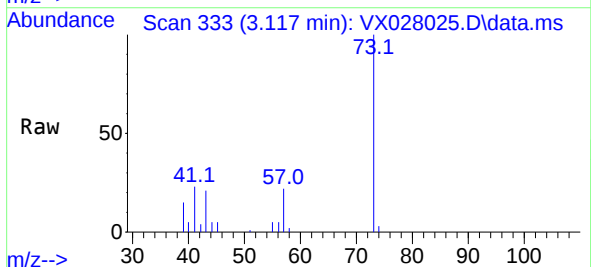
Acq: 08 Apr 2022 14:24

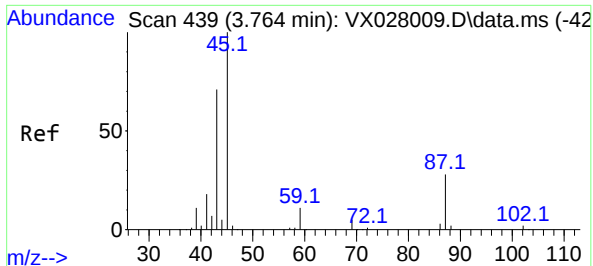
Tgt Ion: 73 Resp: 7483

Ion Ratio Lower Upper

73 100

57 22.0 16.8 25.2



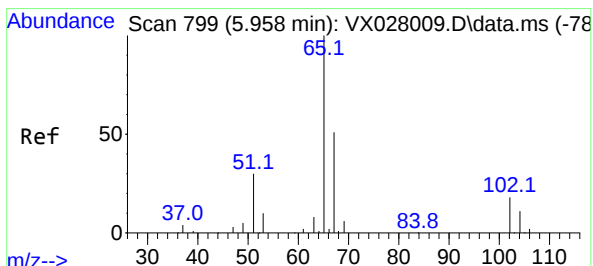
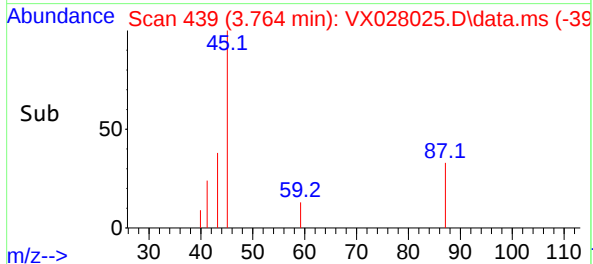
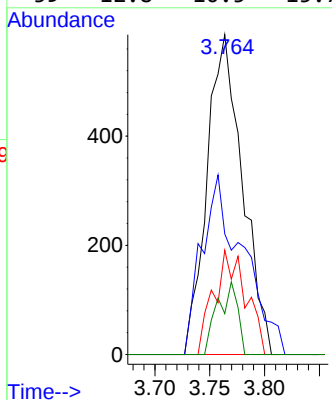
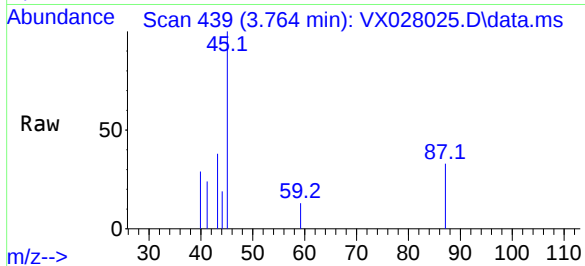


#22
Diisopropyl ether
Concen: 0.444 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX028025.D
Acq: 08 Apr 2022 14:24

Instrument :
MSVOA_X
ClientSampleId :
MW-9D

Tgt Ion: 45 Resp: 1319

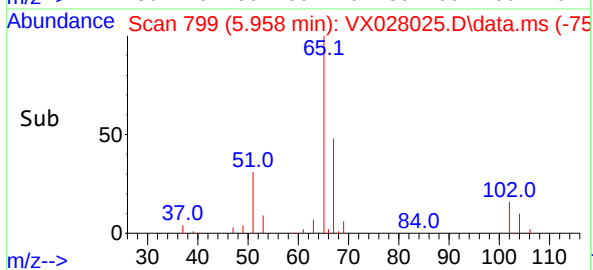
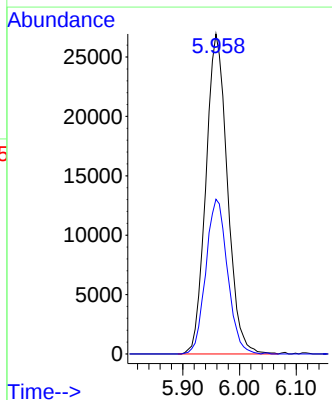
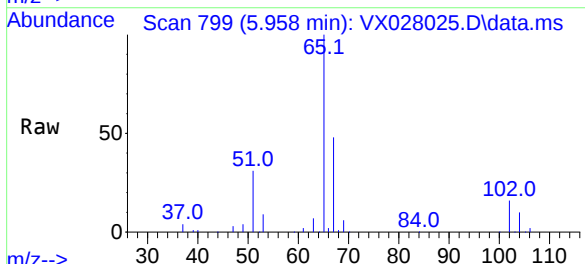
Ion	Ratio	Lower	Upper
45	100		
43	37.7	50.8	76.2#
87	32.6	26.6	39.8
59	12.8	10.5	15.7

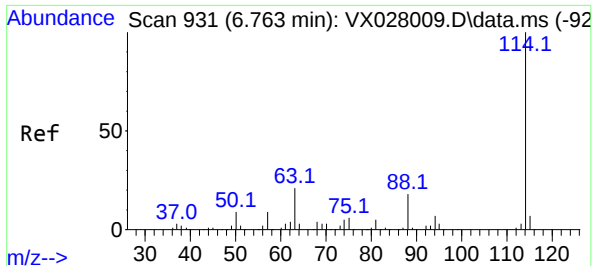


#33
1,2-Dichloroethane-d4
Concen: 58.093 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028025.D
Acq: 08 Apr 2022 14:24

Tgt Ion: 65 Resp: 70957

Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX028025.D

Acq: 08 Apr 2022 14:24

Instrument :

MSVOA_X

ClientSampleId :

MW-9D

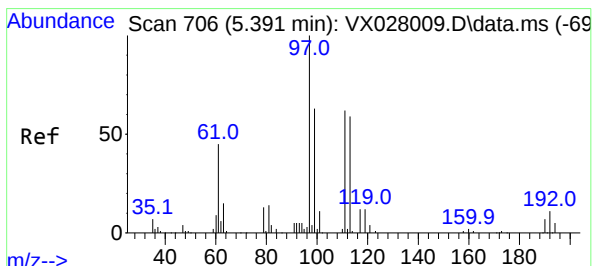
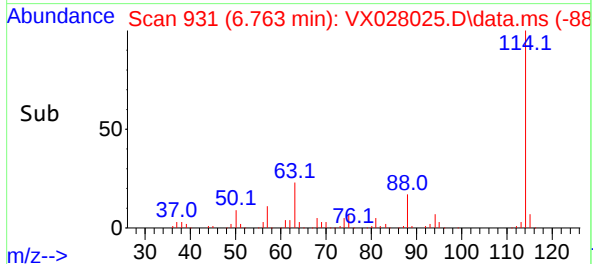
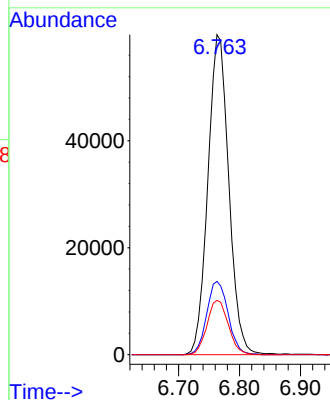
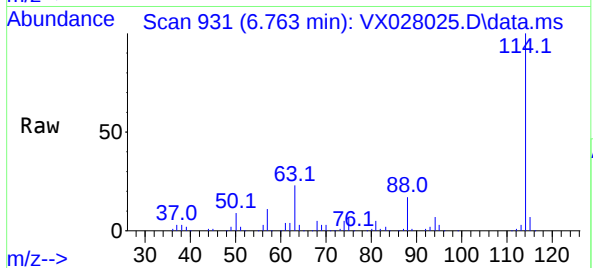
Tgt Ion:114 Resp: 142670

Ion Ratio Lower Upper

114 100

63 22.9 0.0 36.8

88 16.9 0.0 32.4



#35

Dibromofluoromethane

Concen: 52.348 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX028025.D

Acq: 08 Apr 2022 14:24

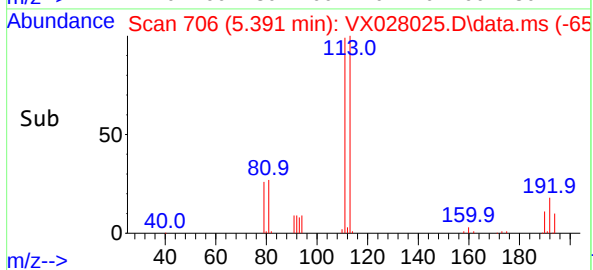
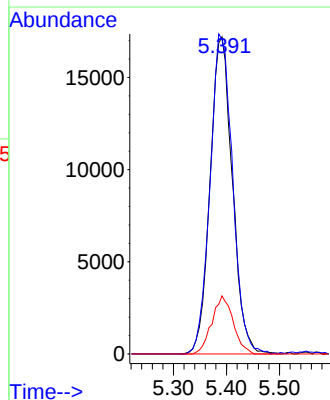
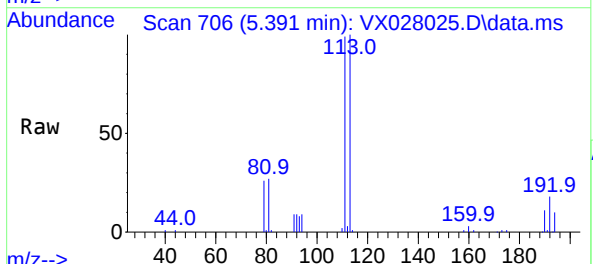
Tgt Ion:113 Resp: 50132

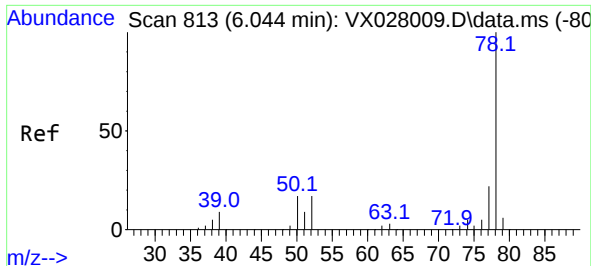
Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 17.6 16.9 25.3

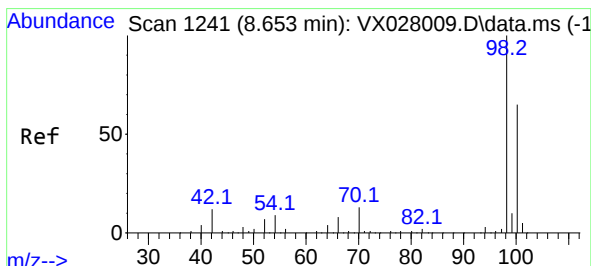
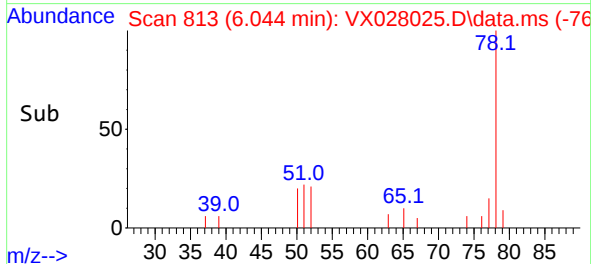
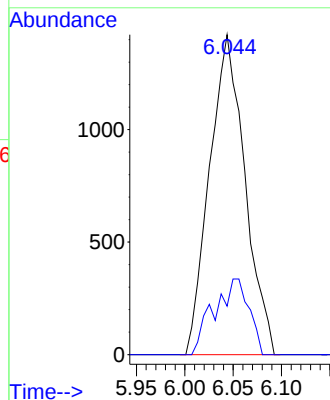
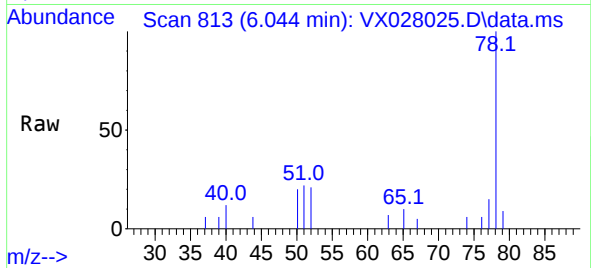




#40
Benzene
Concen: 0.921 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX028025.D
Acq: 08 Apr 2022 14:24

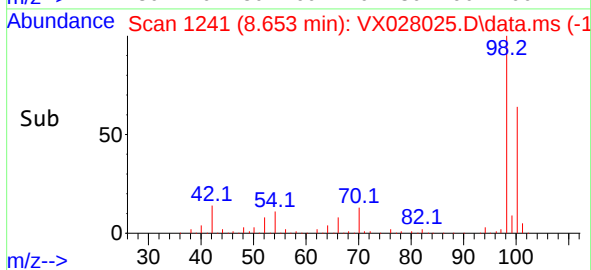
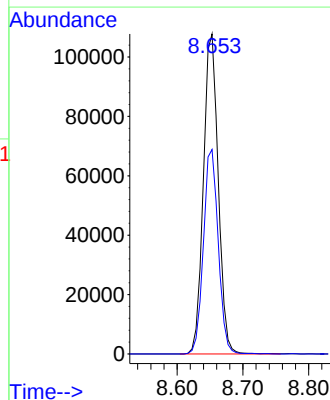
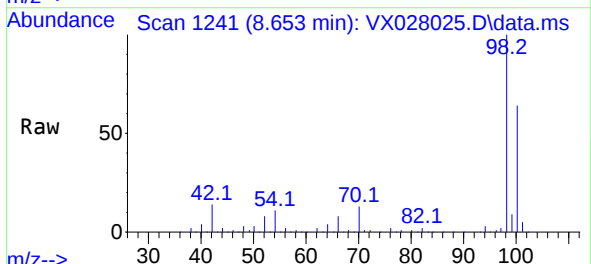
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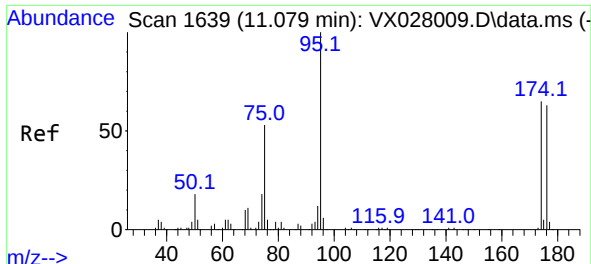
Tgt Ion: 78 Resp: 3622
Ion Ratio Lower Upper
78 100
77 15.1 19.3 28.9#



#50
Toluene-d8
Concen: 49.550 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028025.D
Acq: 08 Apr 2022 14:24

Tgt Ion: 98 Resp: 169313
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8

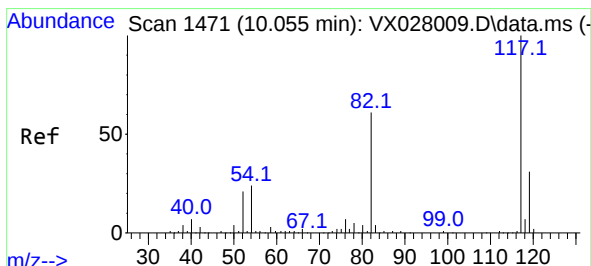
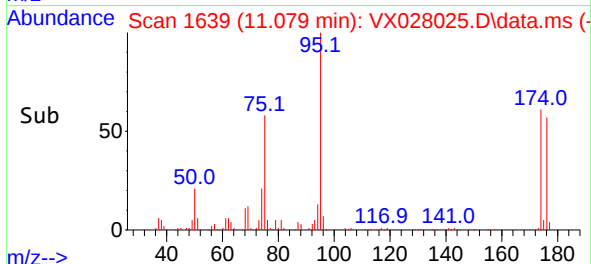
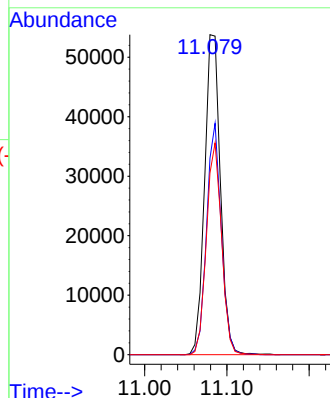
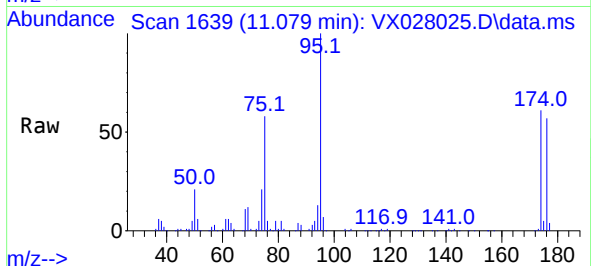




#62
4-Bromofluorobenzene
Concen: 49.423 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028025.D
Acq: 08 Apr 2022 14:24

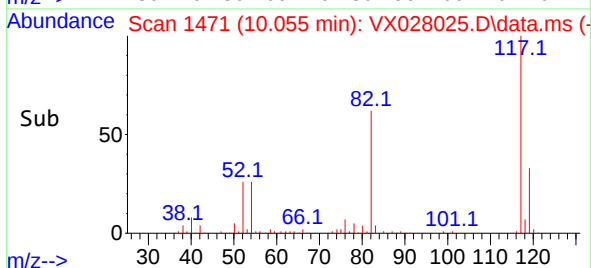
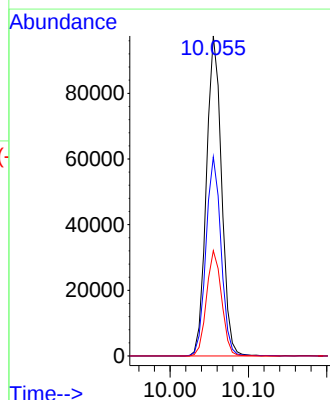
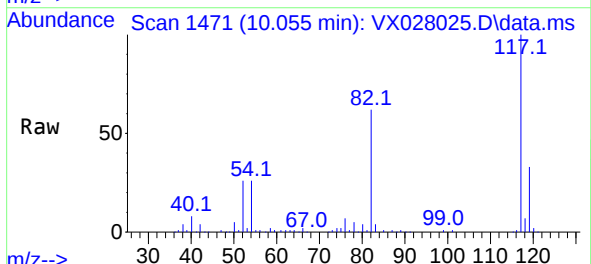
Instrument :
MSVOA_X
ClientSampleId :
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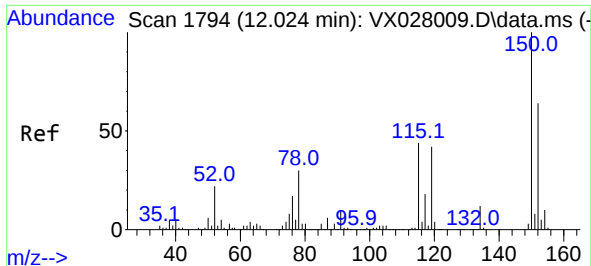
Tgt Ion: 95 Resp: 71791
Ion Ratio Lower Upper
95 100
174 67.2 0.0 163.0
176 63.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028025.D
Acq: 08 Apr 2022 14:24

Tgt Ion: 117 Resp: 130744
Ion Ratio Lower Upper
117 100
82 62.2 41.8 62.8
119 32.9 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028025.D
 Acq: 08 Apr 2022 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9D

Tgt Ion:152 Resp: 61064
 Ion Ratio Lower Upper
 152 100
 115 65.2 37.5 112.7
 150 154.2 0.0 338.2

