

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032665.D
 Acq On : 08 Nov 2022 19:32
 Operator : JC/MD
 Sample : N5514-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17IR

Quant Time: Nov 09 04:42:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

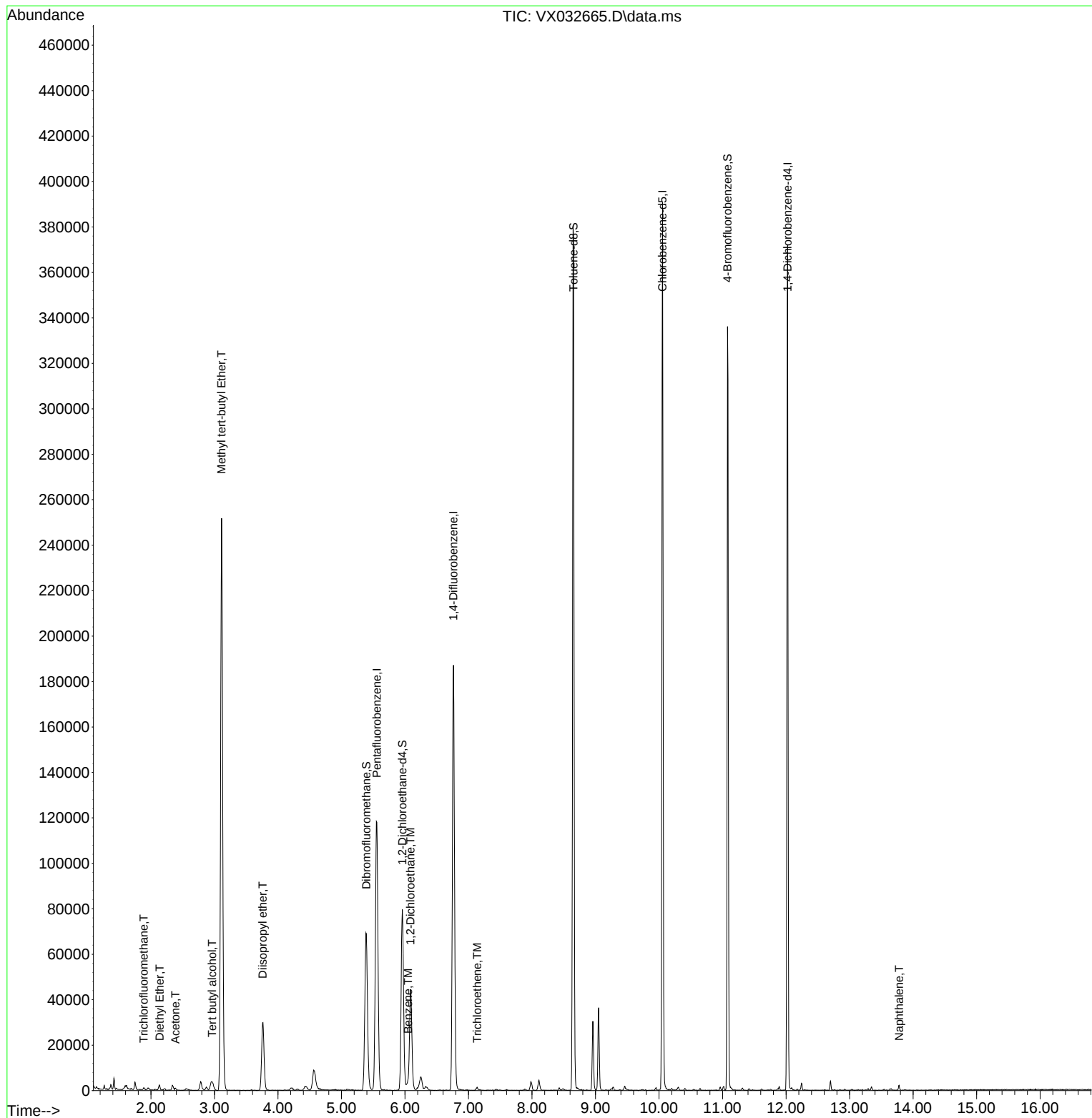
Internal Standards						
1) Pentafluorobenzene	5.556	168	112421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188876	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79767	51.065	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.140%
35) Dibromofluoromethane	5.391	113	59993	44.529	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.060%
50) Toluene-d8	8.653	98	225494	48.133	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.260%
62) 4-Bromofluorobenzene	11.079	95	84298	46.065	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.140%
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.886	101	606	0.265	ug/l #	73
8) Diethyl Ether	2.136	74	355	0.479	ug/l	66
11) Tert butyl alcohol	2.965	59	5407	23.782	ug/l #	72
16) Acetone	2.386	43	1283	2.260	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	266378	67.223	ug/l	99
22) Diisopropyl ether	3.757	45	31615	8.133	ug/l #	85
40) Benzene	6.050	78	3466	0.653	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	51042	23.519	ug/l	98
44) Trichloroethene	7.135	130	542	0.363	ug/l	82
95) Naphthalene	13.780	128	1875	0.320	ug/l	96

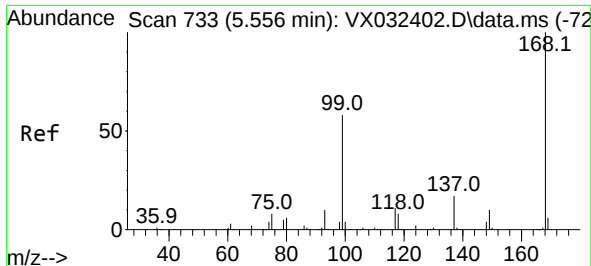
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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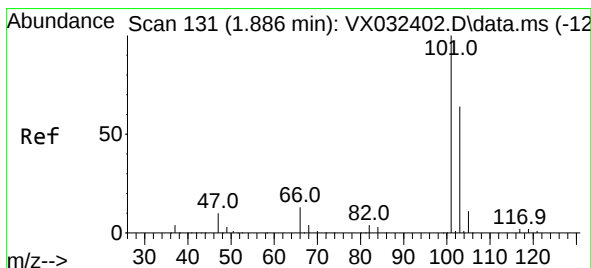
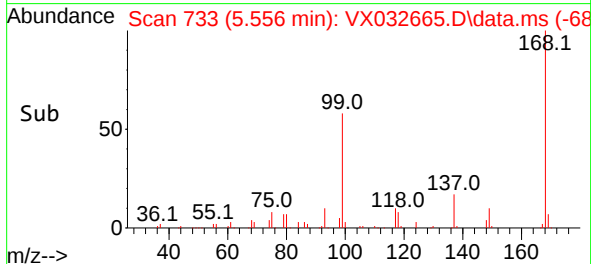
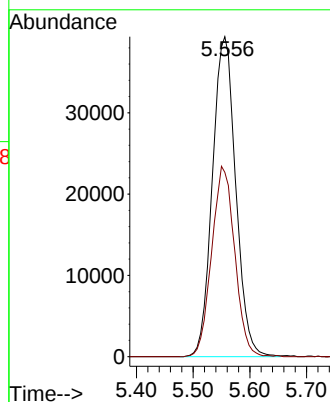
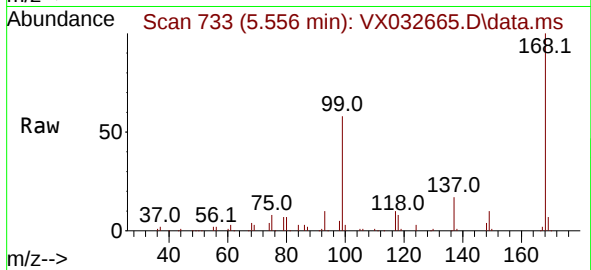




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

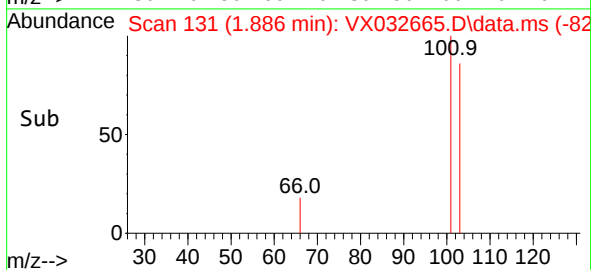
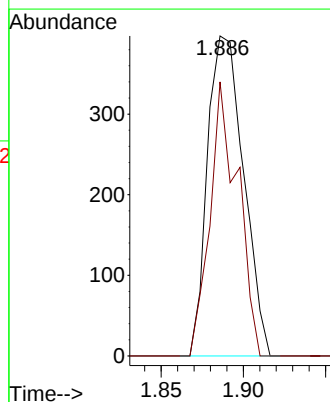
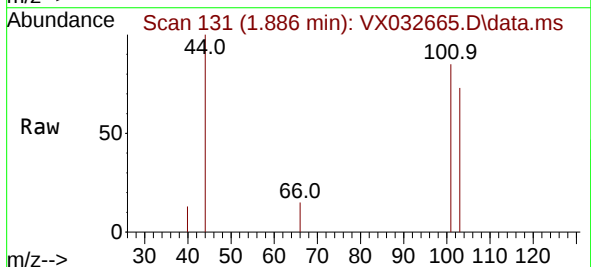
Instrument :
MSVOA_X
ClientSampleId :
MW-17IR

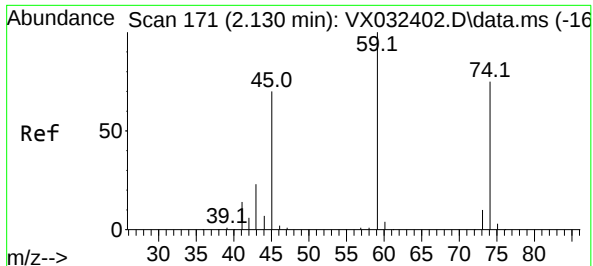
Tgt Ion:168 Resp: 112421
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1



#7
Trichlorofluoromethane
Concen: 0.265 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

Tgt Ion:101 Resp: 606
Ion Ratio Lower Upper
101 100
103 85.6 51.4 77.2#

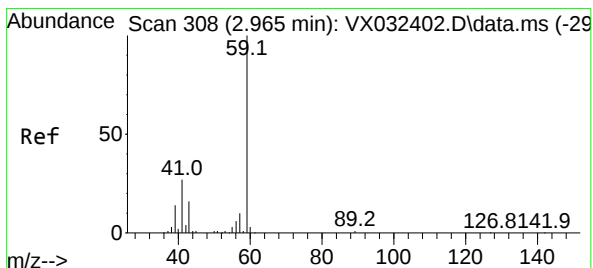
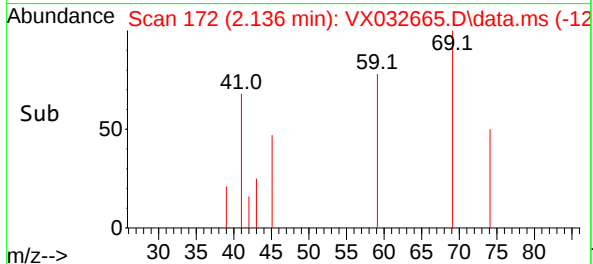
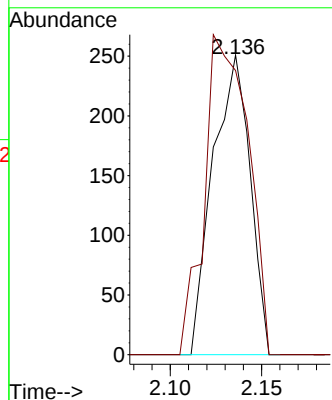
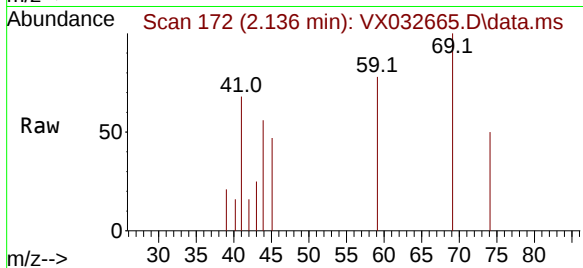




#8
Diethyl Ether
Concen: 0.479 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

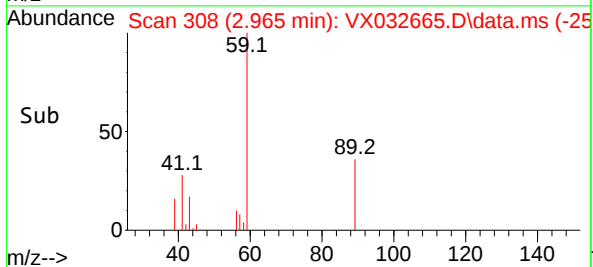
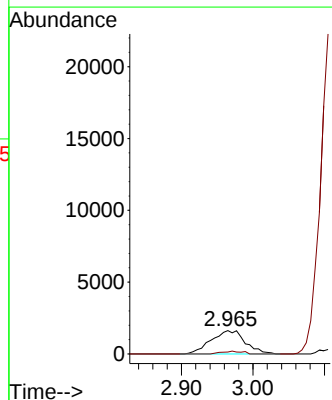
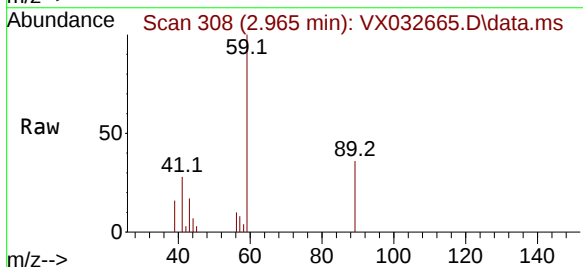
Instrument :
MSVOA_X
ClientSampleId :
MW-17IR

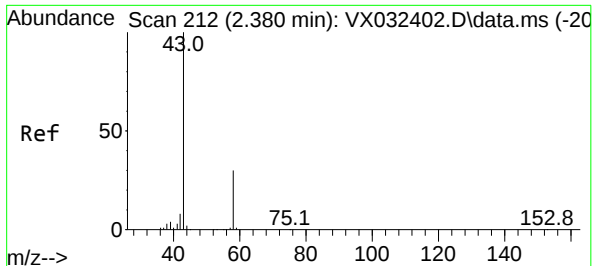
Tgt Ion: 74 Resp: 355
Ion Ratio Lower Upper
74 100
45 125.6 46.6 139.7



#11
Tert butyl alcohol
Concen: 23.782 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

Tgt Ion: 59 Resp: 5407
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

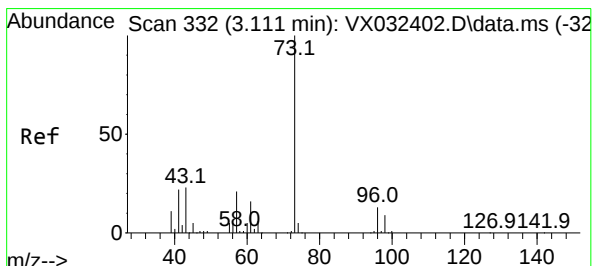
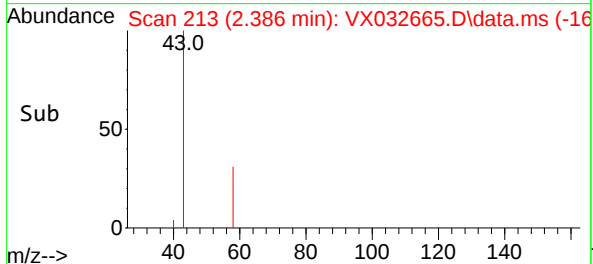
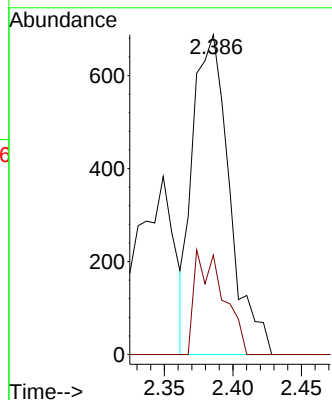
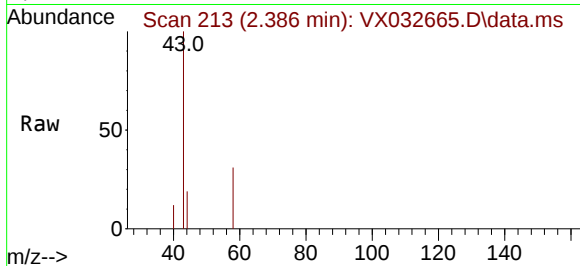




#16
Acetone
Concen: 2.260 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

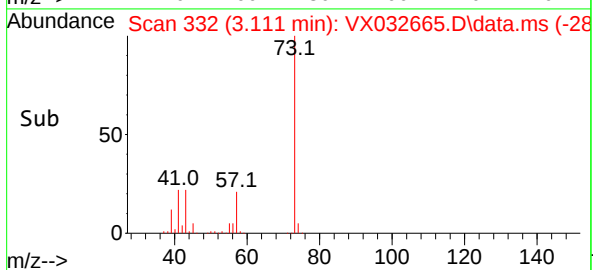
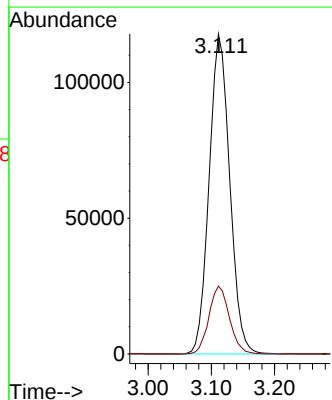
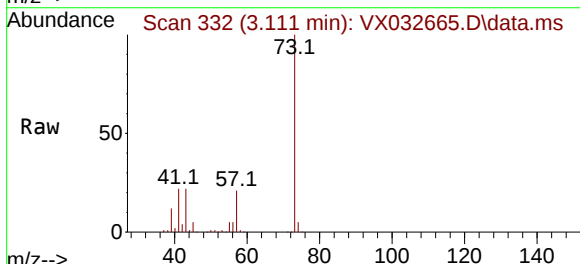
Instrument :
MSVOA_X
ClientSampleId :
MW-17IR

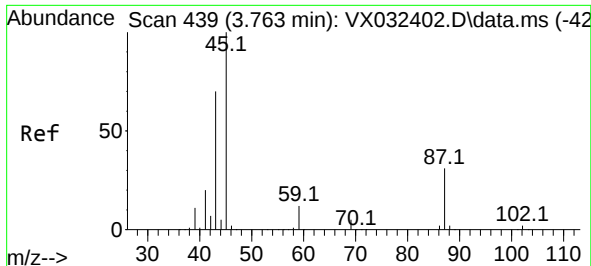
Tgt Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
58 31.1 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 67.223 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

Tgt Ion: 73 Resp: 266378
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0

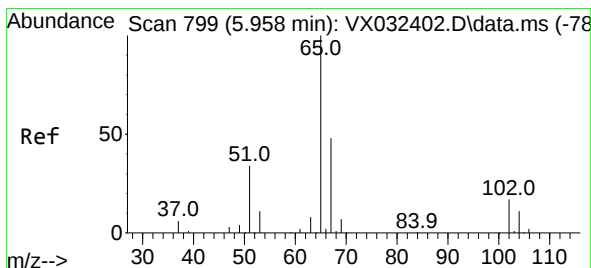
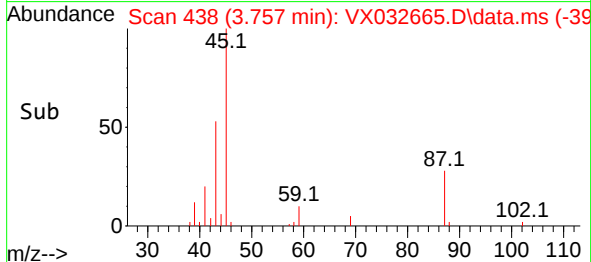
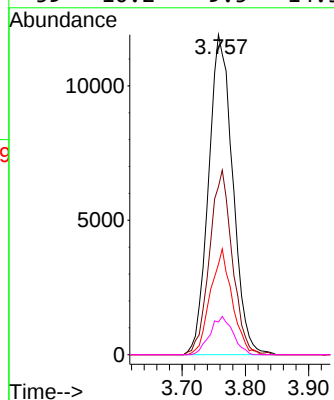
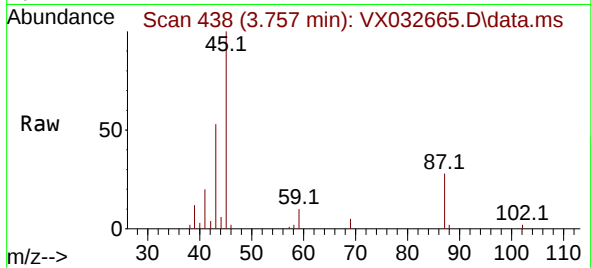




#22
Diisopropyl ether
Concen: 8.133 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

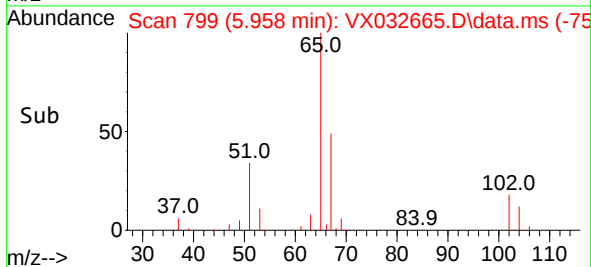
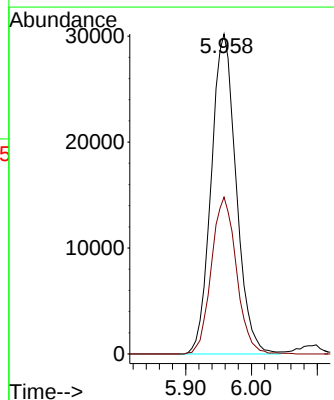
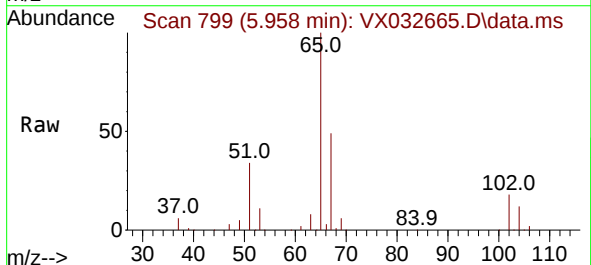
Instrument :
MSVOA_X
ClientSampleId :
MW-17IR

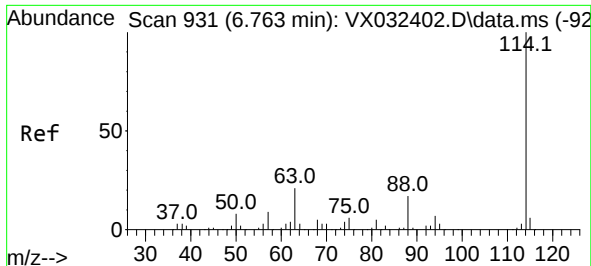
Tgt Ion:	45	Resp:	31615
Ion	Ratio	Lower	Upper
45	100		
43	52.5	56.4	84.6#
87	28.3	24.4	36.6
59	10.2	9.5	14.3



#33
1,2-Dichloroethane-d4
Concen: 51.065 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

Tgt Ion:	65	Resp:	79767
Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	101.8

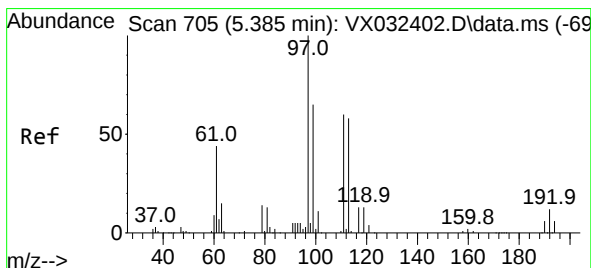
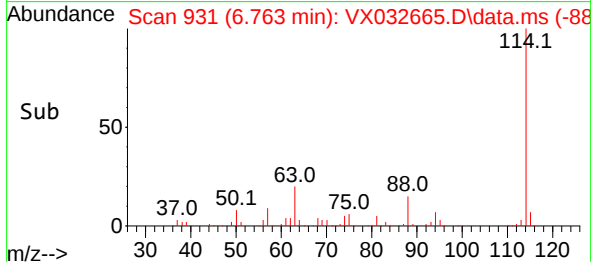
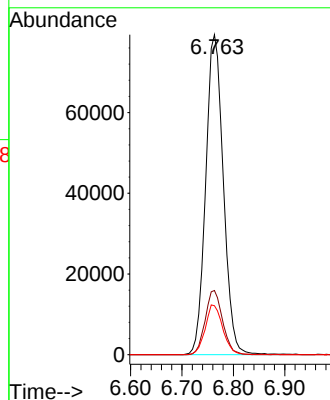
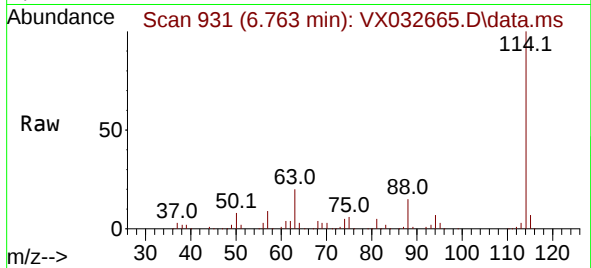




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

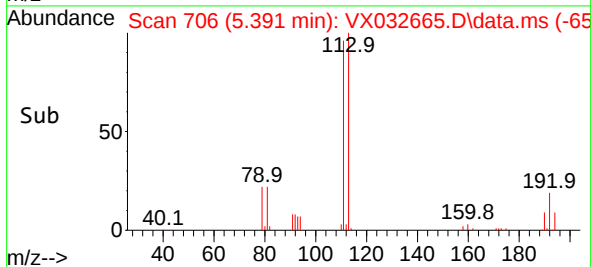
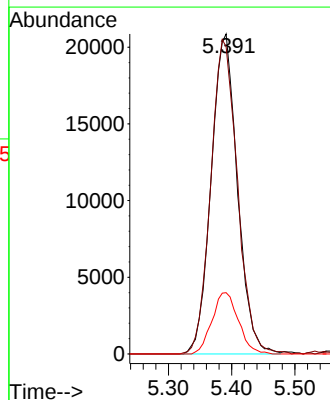
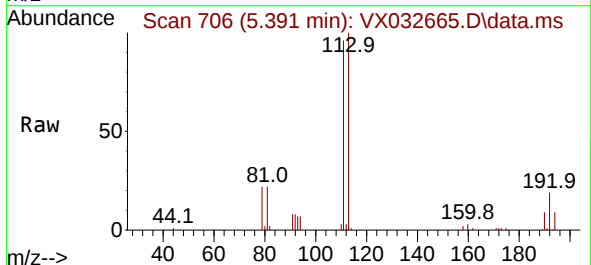
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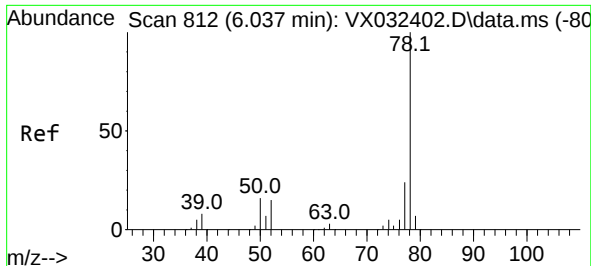
Tgt Ion:114 Resp: 188876
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 44.529 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

Tgt Ion:113 Resp: 59993
Ion Ratio Lower Upper
113 100
111 100.2 82.4 123.6
192 19.3 15.4 23.2





#40

Benzene

Concen: 0.653 ug/l

RT: 6.050 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX032665.D

Acq: 08 Nov 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

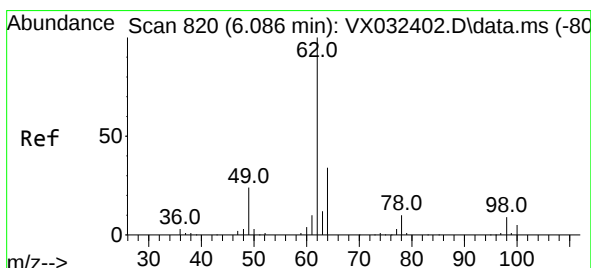
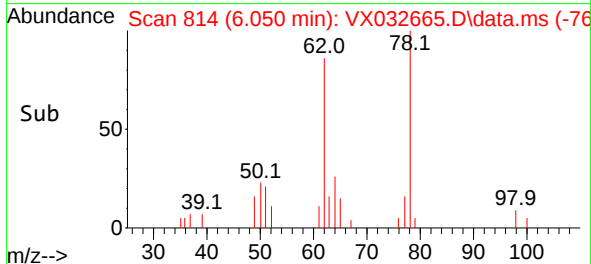
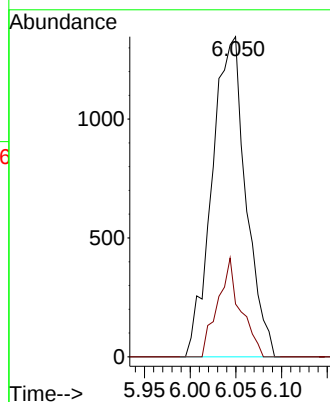
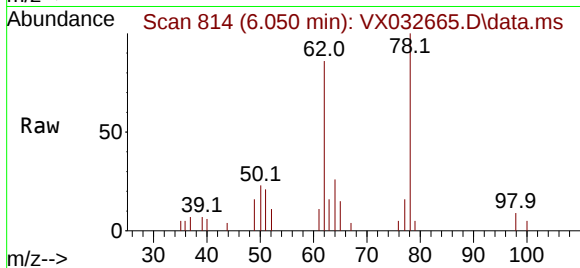
MW-17IR

Tgt Ion: 78 Resp: 3466

Ion Ratio Lower Upper

78 100

77 16.5 19.0 28.4#



#42

1,2-Dichloroethane

Concen: 23.519 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX032665.D

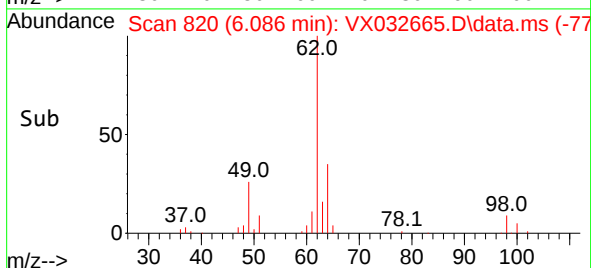
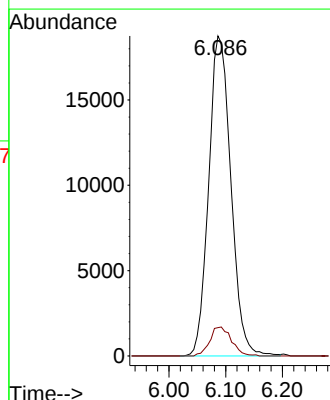
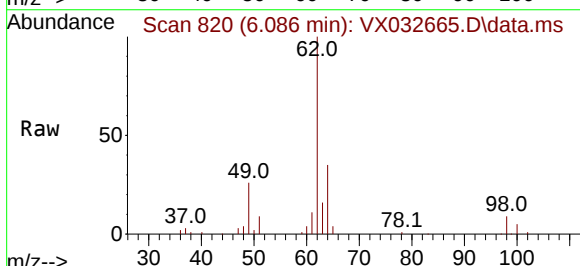
Acq: 08 Nov 2022 19:32

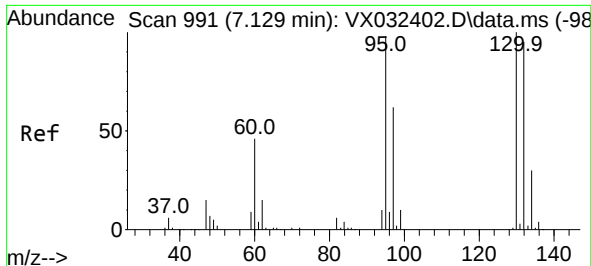
Tgt Ion: 62 Resp: 51042

Ion Ratio Lower Upper

62 100

98 8.9 0.0 16.0

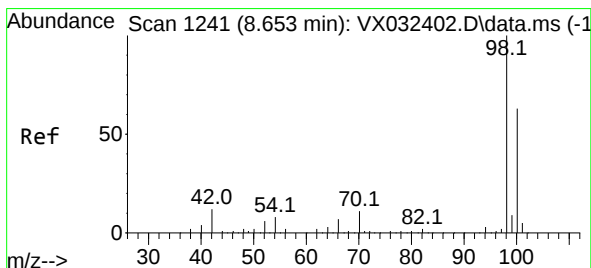
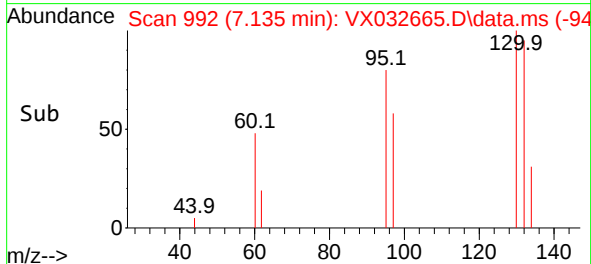
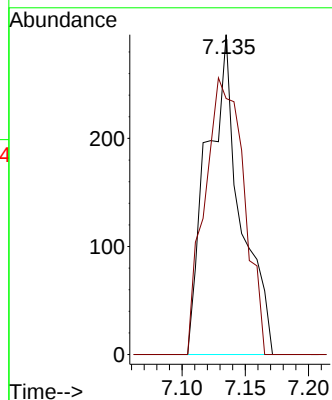
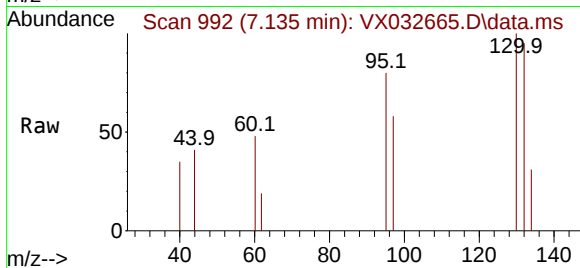




#44
 Trichloroethene
 Concen: 0.363 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX032665.D
 Acq: 08 Nov 2022 19:32

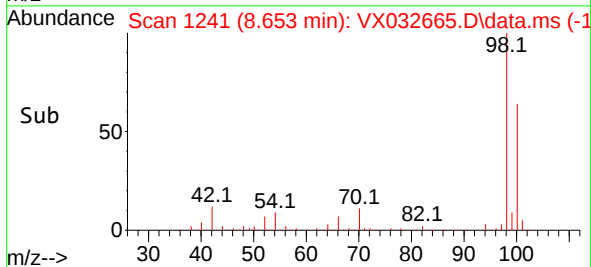
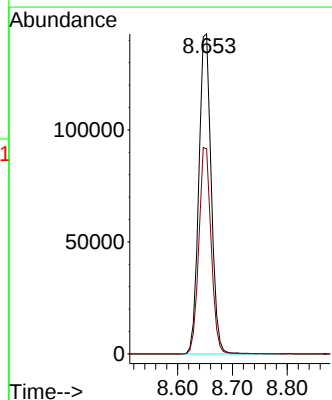
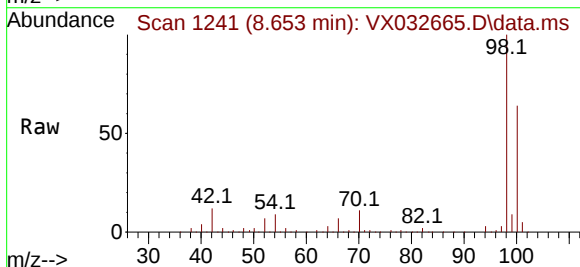
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17IR

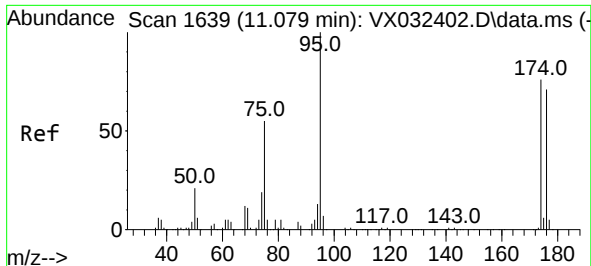
Tgt Ion:130 Resp: 542
 Ion Ratio Lower Upper
 130 100
 95 80.1 0.0 195.2



#50
 Toluene-d8
 Concen: 48.133 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX032665.D
 Acq: 08 Nov 2022 19:32

Tgt Ion: 98 Resp: 225494
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.9 76.3

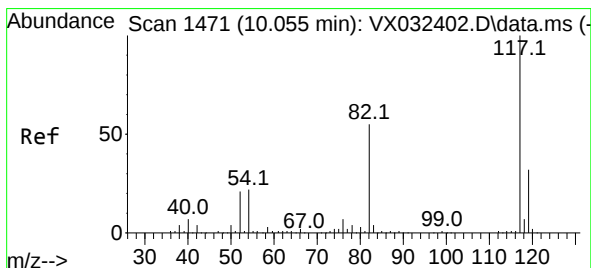
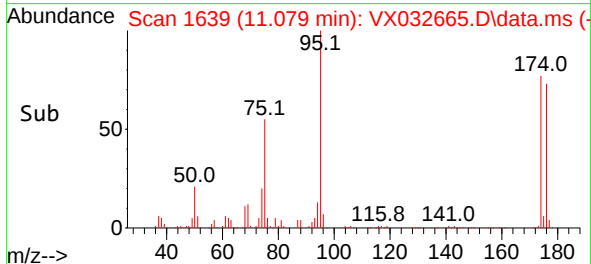
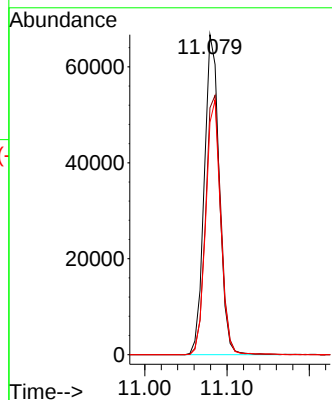
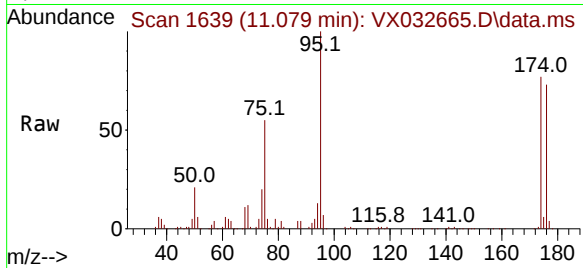




#62
4-Bromofluorobenzene
Concen: 46.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

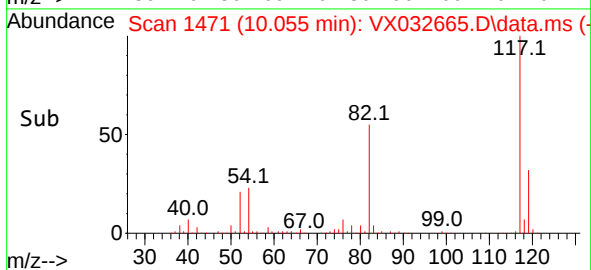
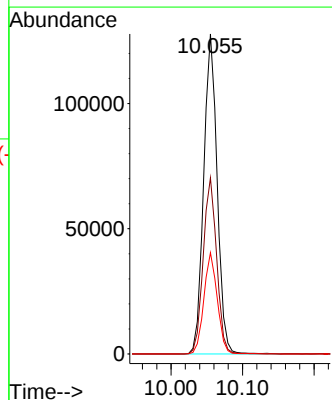
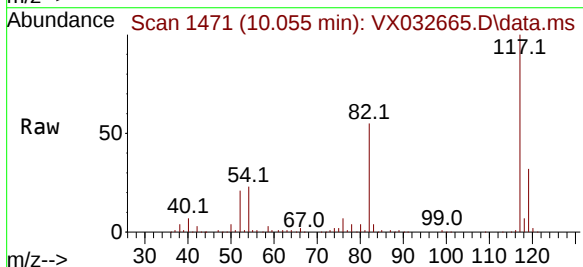
Instrument :
MSVOA_X
ClientSampleId :
MW-17IR

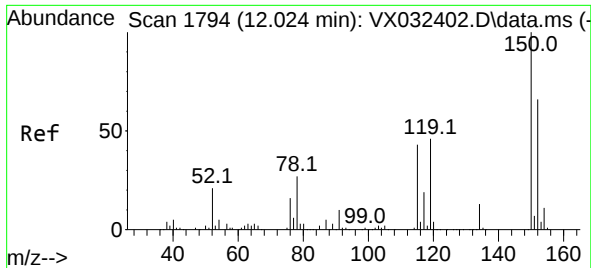
Tgt Ion: 95 Resp: 84298
Ion Ratio Lower Upper
95 100
174 82.9 0.0 164.0
176 79.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

Tgt Ion: 117 Resp: 167133
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 31.7 25.7 38.5

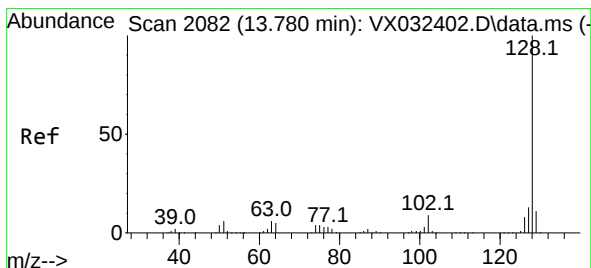
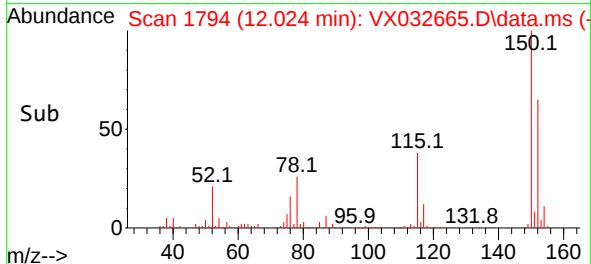
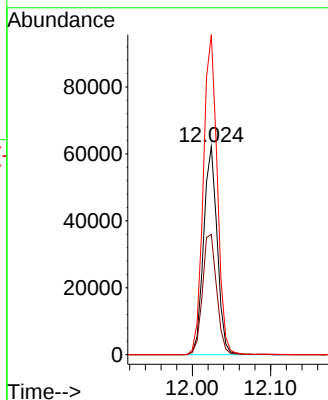
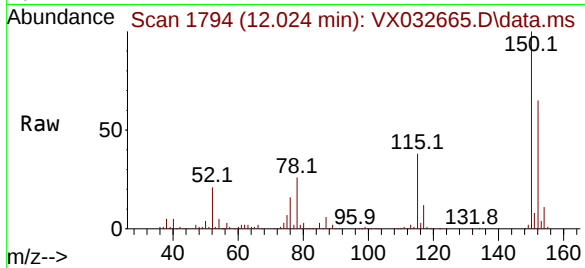




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

Instrument :
MSVOA_X
ClientSampleId :
MW-17IR

Tgt Ion:152 Resp: 74735
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 157.4 0.0 351.8



#95
Naphthalene
Concen: 0.320 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032665.D
Acq: 08 Nov 2022 19:32

Tgt Ion:128 Resp: 1875
Ion Ratio Lower Upper
128 100
127 10.5 10.2 15.4
129 10.3 8.9 13.3

