

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030951.D
 Acq On : 30 Aug 2022 20:07
 Operator : JC/MD
 Sample : N4281-17DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20220819DL

Quant Time: Aug 31 03:15:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

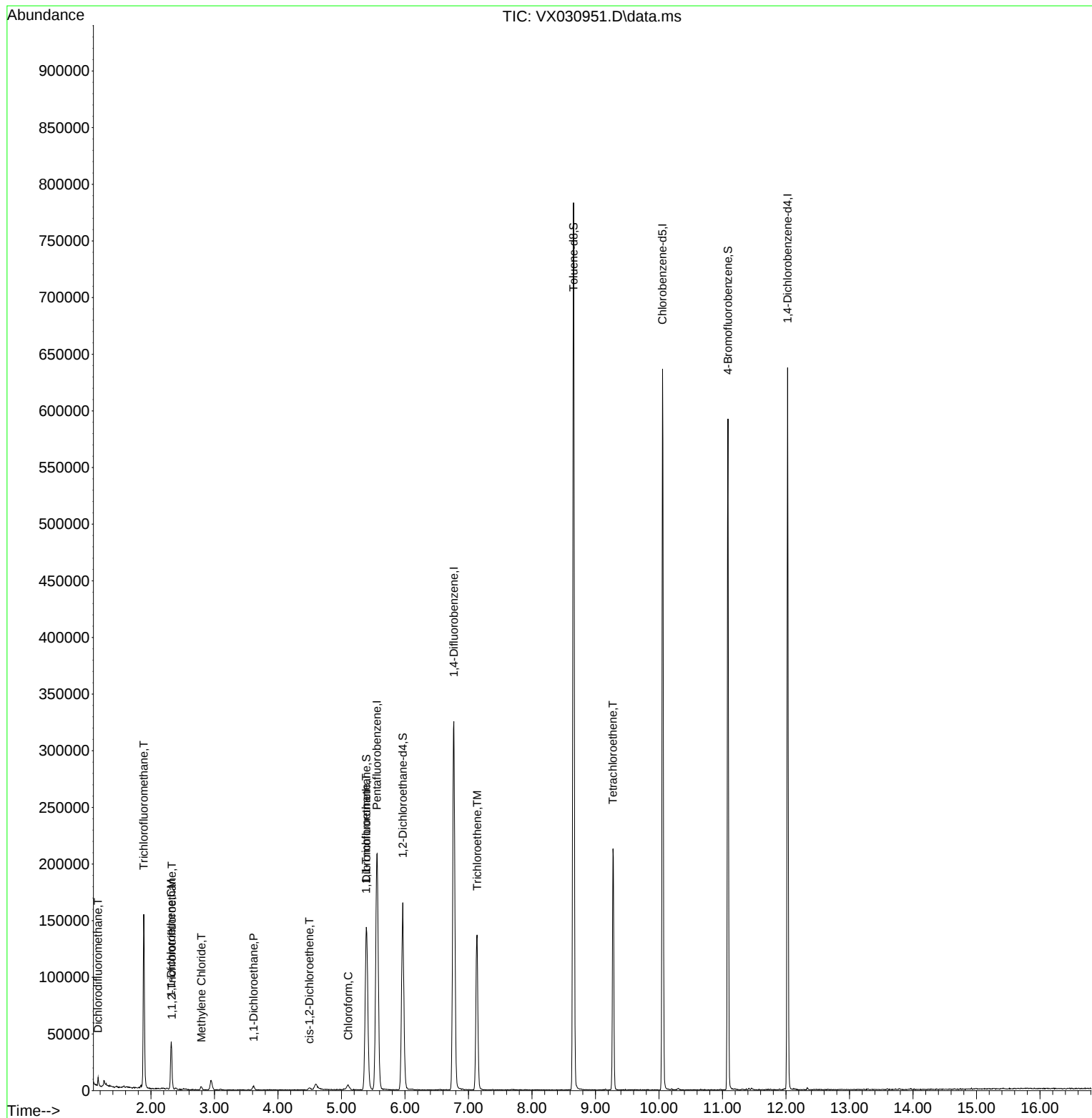
Internal Standards						
1) Pentafluorobenzene	5.556	168	203834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	347725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147981	50.617	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.240%
35) Dibromofluoromethane	5.391	113	128506	50.134	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.260%
50) Toluene-d8	8.653	98	491948	51.824	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.640%
62) 4-Bromofluorobenzene	11.085	95	158388	46.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	4211	1.953	ug/l	90
7) Trichlorofluoromethane	1.886	101	95856	24.546	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	1404	0.559	ug/l	91
12) 1,1-Dichloroethene	2.319	96	13691	5.527	ug/l	99
20) Methylene Chloride	2.794	84	1366	0.455	ug/l	87
24) 1,1-Dichloroethane	3.617	63	3809	0.785	ug/l #	94
27) cis-1,2-Dichloroethene	4.495	96	1355	0.438	ug/l	84
30) Chloroform	5.105	83	5090	1.012	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	4364	1.023	ug/l #	49
44) Trichloroethene	7.135	130	54533	16.858	ug/l	96
64) Tetrachloroethene	9.275	164	41541	14.581	ug/l	95

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

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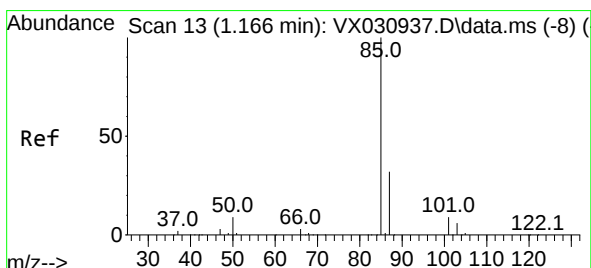
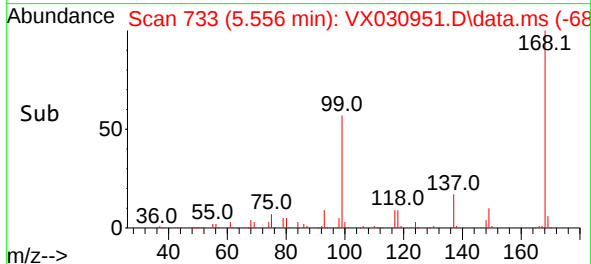
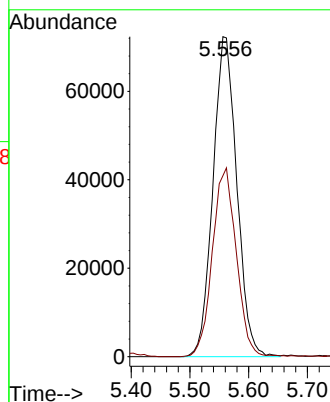
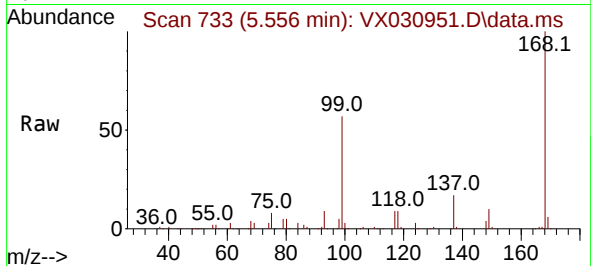




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030951.D
Acq: 30 Aug 2022 20:07

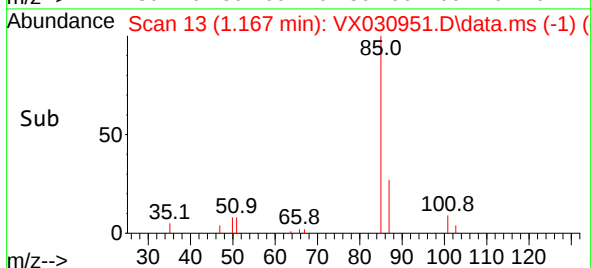
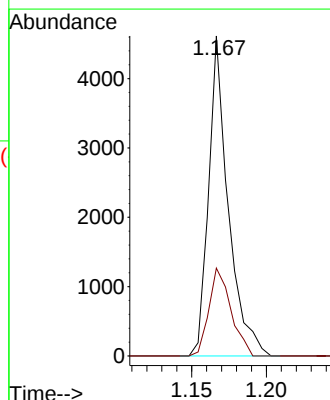
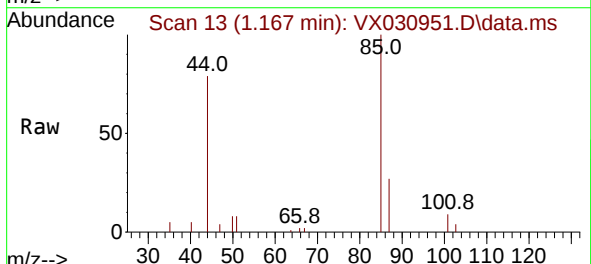
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20220819DL

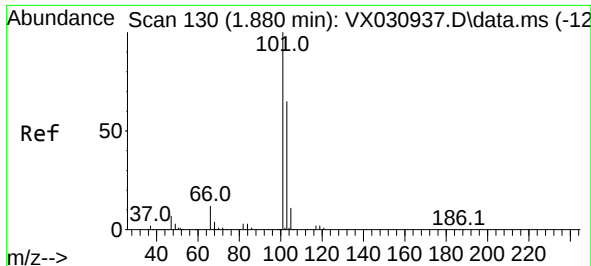
Tgt Ion:168 Resp: 203834
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 1.953 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX030951.D
Acq: 30 Aug 2022 20:07

Tgt Ion: 85 Resp: 4211
Ion Ratio Lower Upper
85 100
87 27.5 16.5 49.5

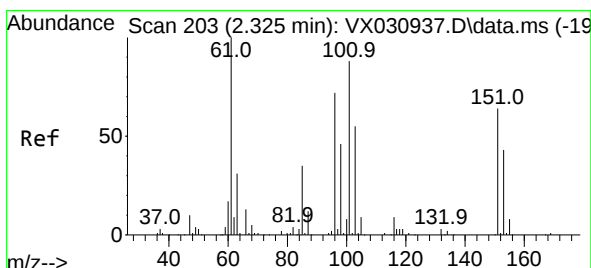
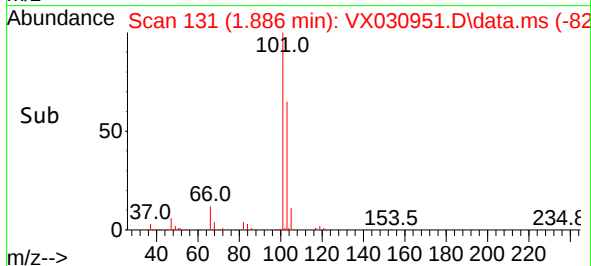
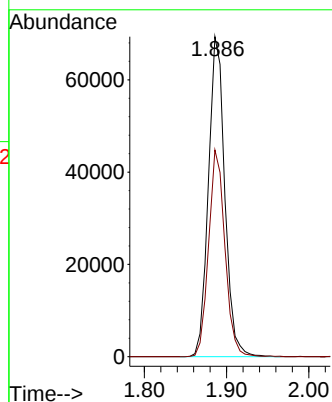
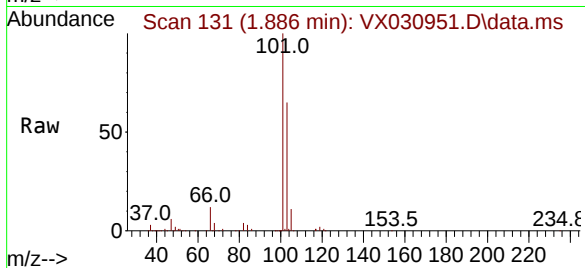




#7
 Trichlorofluoromethane
 Concen: 24.546 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030951.D
 Acq: 30 Aug 2022 20:07

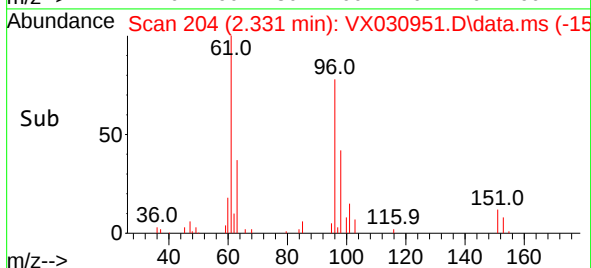
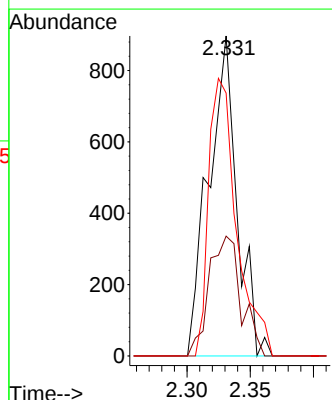
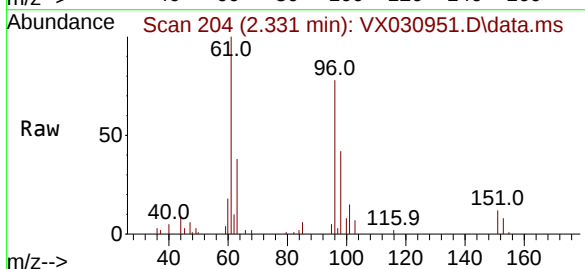
Instrument :
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 ClientSampleId :
 MW201D-20220819DL

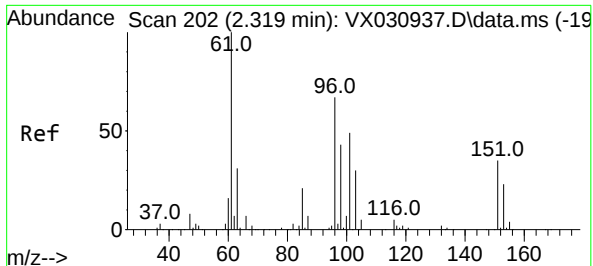
Tgt Ion:101 Resp: 95856
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.7 74.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.559 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX030951.D
 Acq: 30 Aug 2022 20:07

Tgt Ion:101 Resp: 1404
 Ion Ratio Lower Upper
 101 100
 85 42.0 34.0 51.0
 151 85.5 59.4 89.0





#12

1,1-Dichloroethene

Concen: 5.527 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX030951.D

Acq: 30 Aug 2022 20:07

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20220819DL

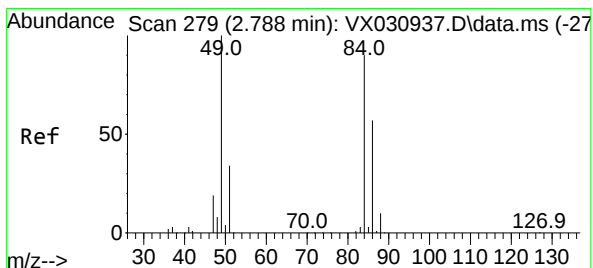
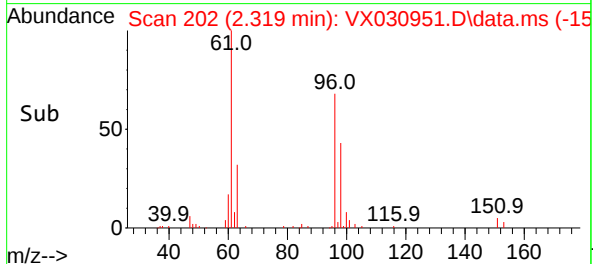
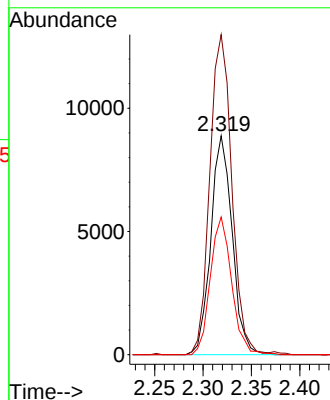
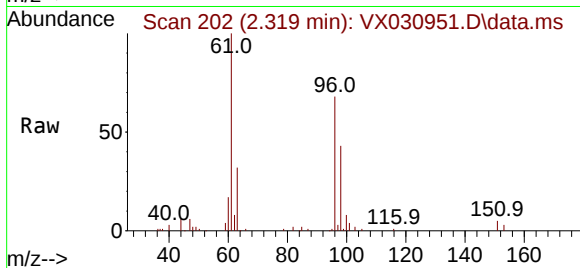
Tgt Ion: 96 Resp: 13691

Ion Ratio Lower Upper

96 100

61 146.2 117.4 176.0

98 62.9 52.2 78.4



#20

Methylene Chloride

Concen: 0.455 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX030951.D

Acq: 30 Aug 2022 20:07

Tgt Ion: 84 Resp: 1366

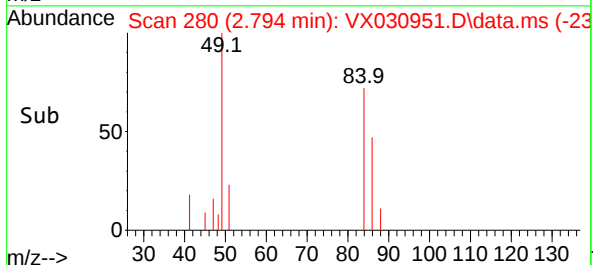
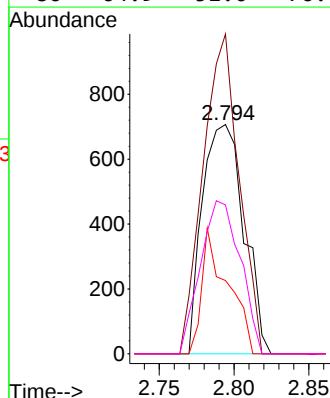
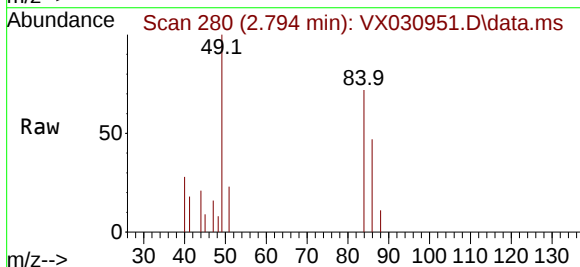
Ion Ratio Lower Upper

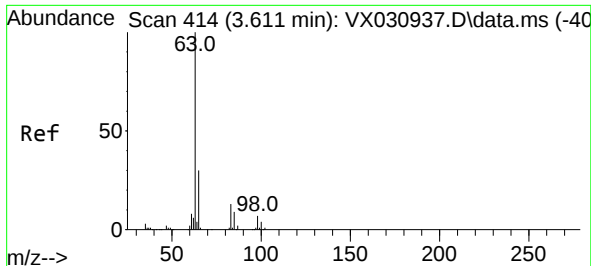
84 100

49 139.5 93.8 140.6

51 32.0 29.4 44.0

86 64.9 51.0 76.4

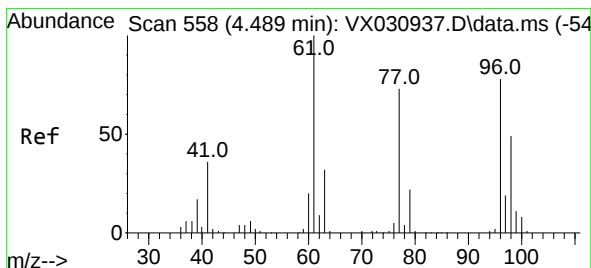
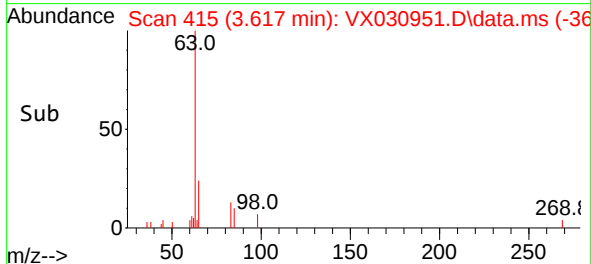
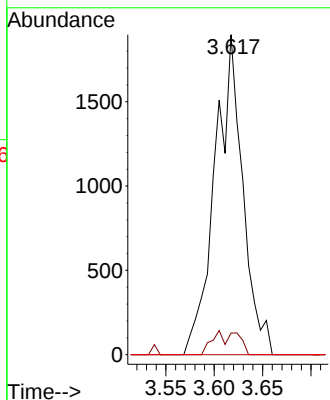
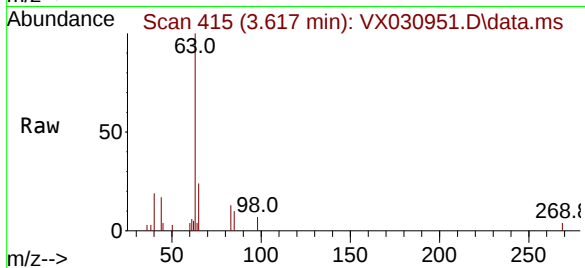




#24
 1,1-Dichloroethane
 Concen: 0.785 ug/l
 RT: 3.617 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX030951.D
 Acq: 30 Aug 2022 20:07

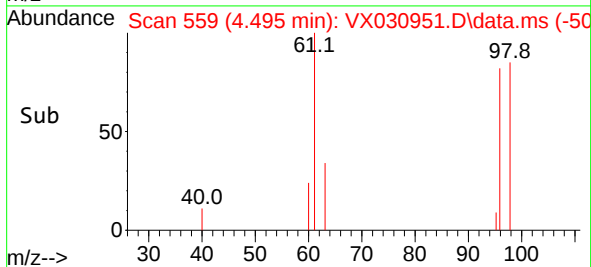
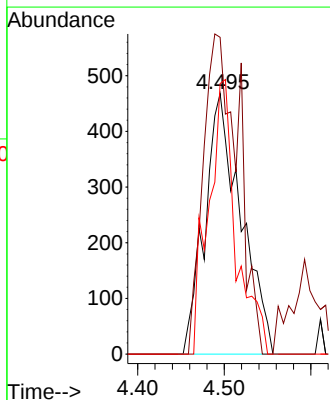
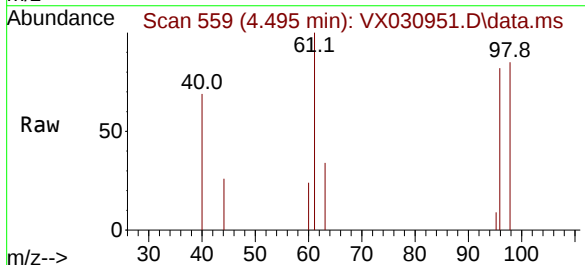
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20220819DL

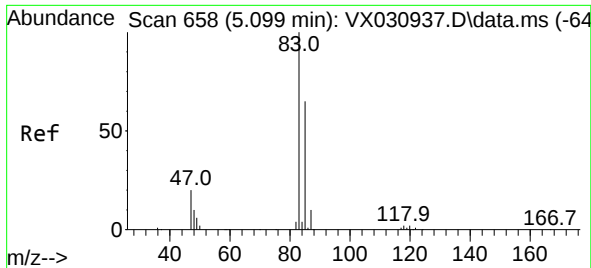
Tgt Ion: 63 Resp: 3809
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 0.0 2.3 6.9#



#27
 cis-1,2-Dichloroethene
 Concen: 0.438 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX030951.D
 Acq: 30 Aug 2022 20:07

Tgt Ion: 96 Resp: 1355
 Ion Ratio Lower Upper
 96 100
 61 119.7 0.0 270.0
 98 80.6 0.0 127.8

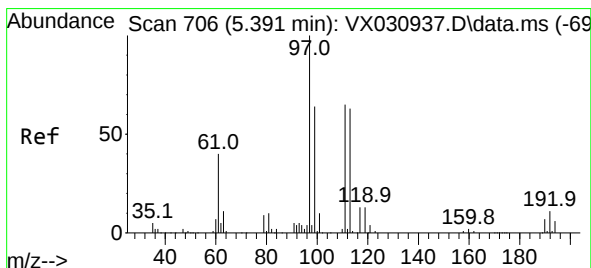
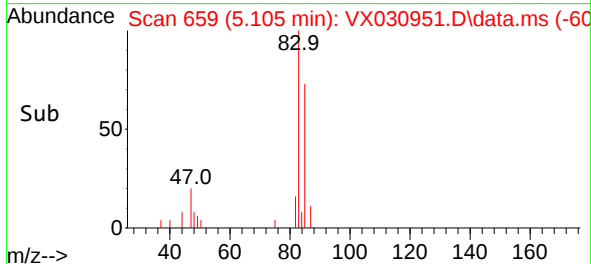
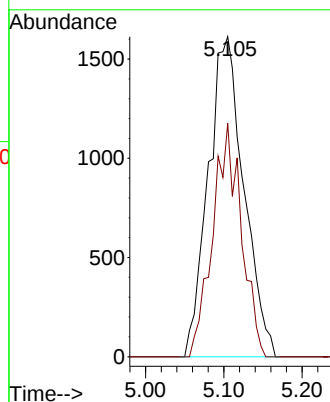
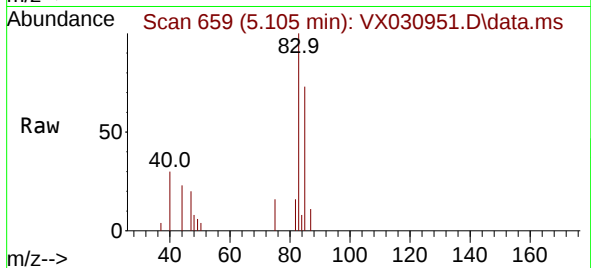




#30
Chloroform
Concen: 1.012 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030951.D
Acq: 30 Aug 2022 20:07

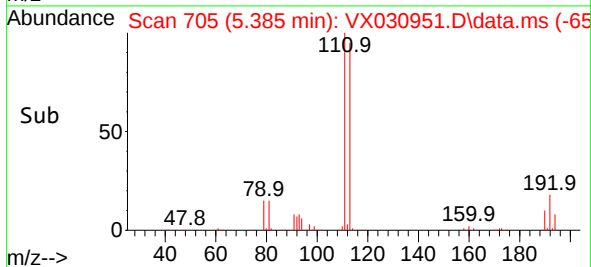
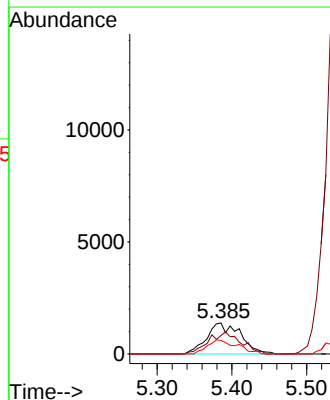
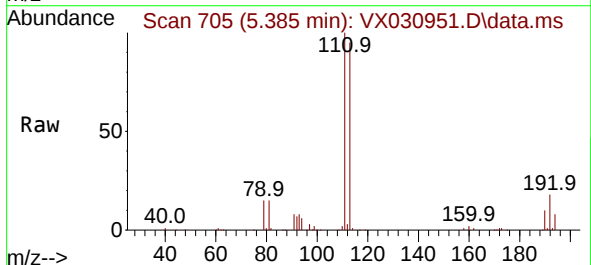
Instrument :
MSVOA_X
ClientSampleId :
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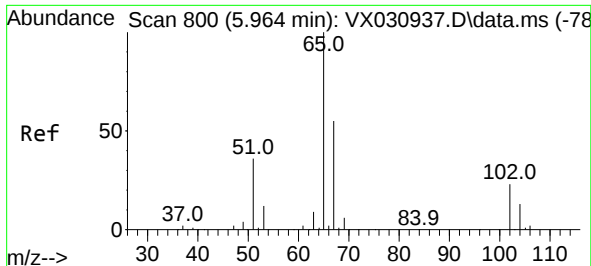
Tgt Ion: 83 Resp: 5090
Ion Ratio Lower Upper
83 100
85 73.0 51.5 77.3



#32
1,1,1-Trichloroethane
Concen: 1.023 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030951.D
Acq: 30 Aug 2022 20:07

Tgt Ion: 97 Resp: 4364
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 39.9 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 50.617 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030951.D

Acq: 30 Aug 2022 20:07

Instrument :

MSVOA_X

ClientSampleId :

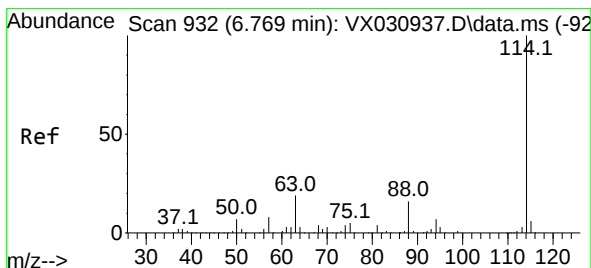
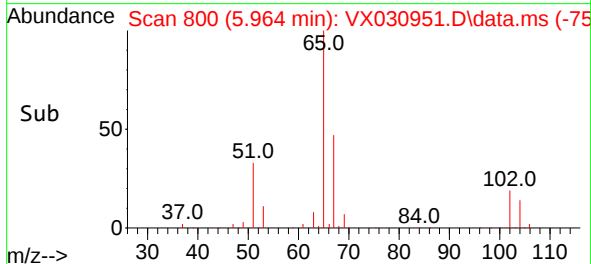
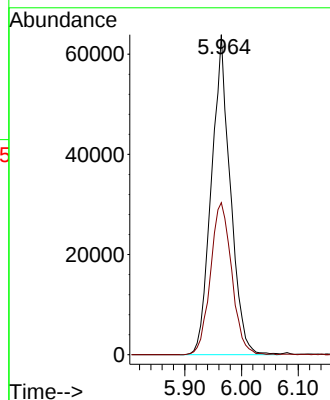
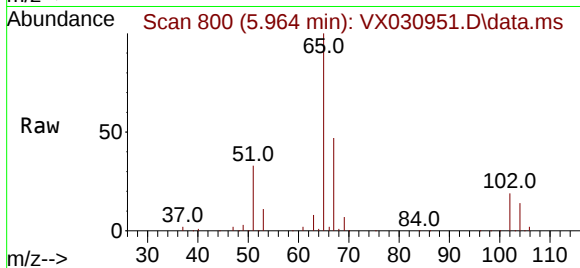
MW201D-20220819DL

Tgt Ion: 65 Resp: 147981

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030951.D

Acq: 30 Aug 2022 20:07

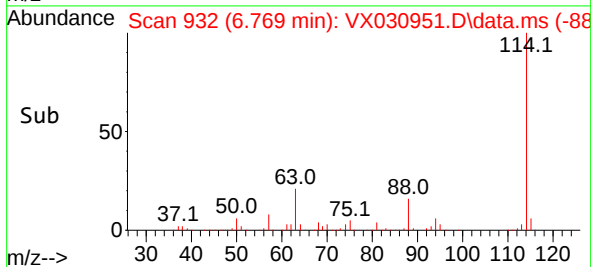
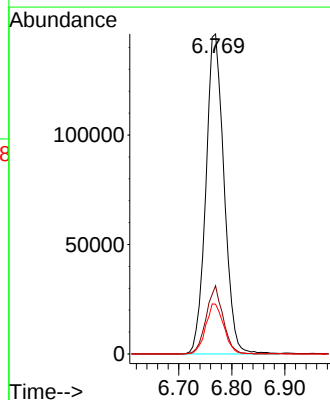
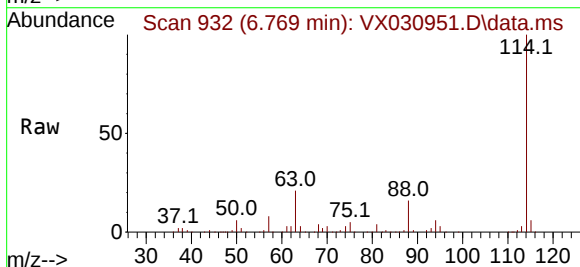
Tgt Ion: 114 Resp: 347725

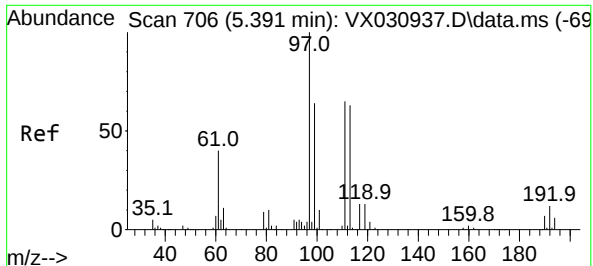
Ion Ratio Lower Upper

114 100

63 21.3 0.0 38.4

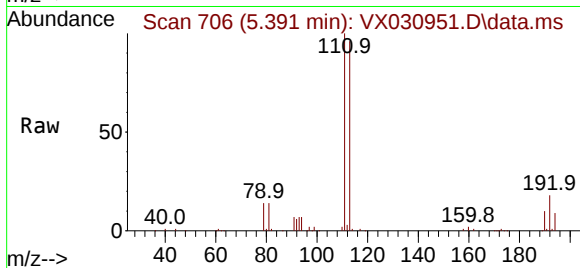
88 15.6 0.0 31.8



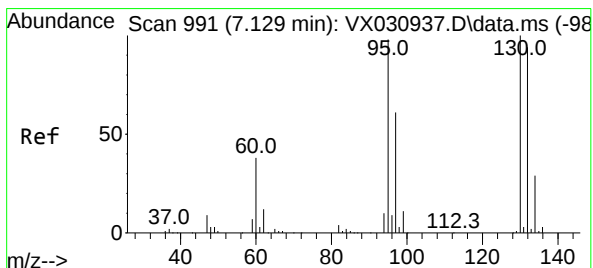
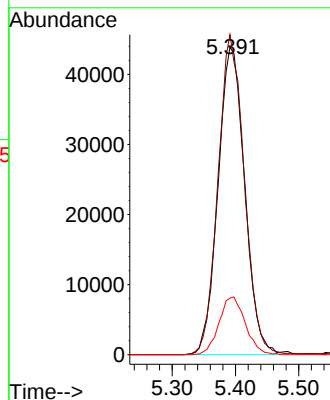
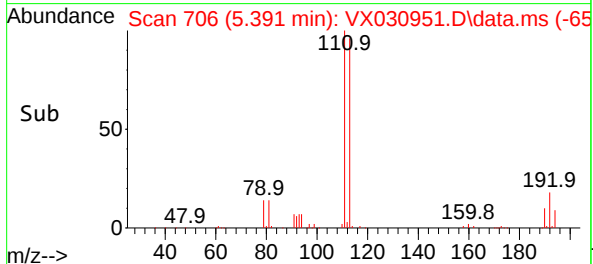


#35
Dibromofluoromethane
Concen: 50.134 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030951.D
Acq: 30 Aug 2022 20:07

Instrument :
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ClientSampleId :
MW201D-20220819DL

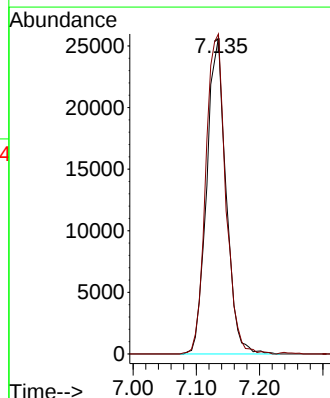
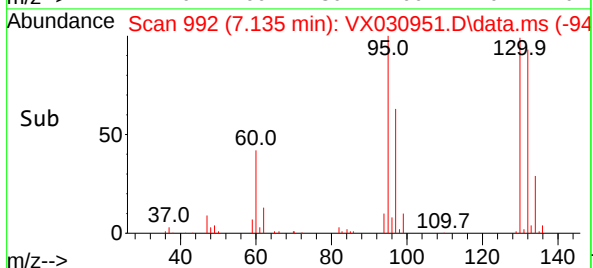
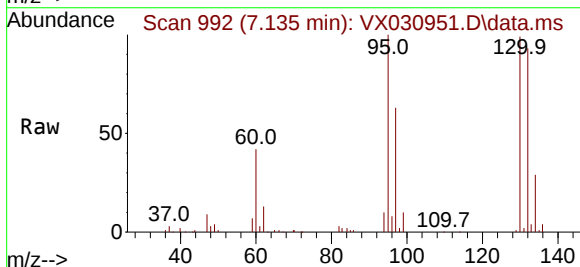


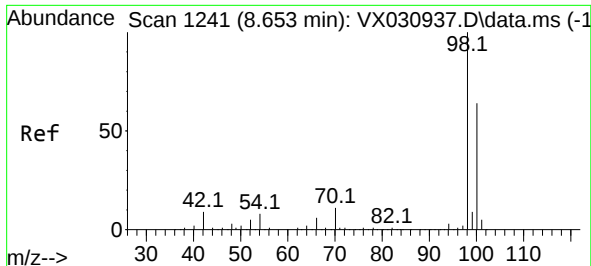
Tgt Ion:113 Resp: 128506
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 18.5 14.8 22.2



#44
Trichloroethene
Concen: 16.858 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030951.D
Acq: 30 Aug 2022 20:07

Tgt Ion:130 Resp: 54533
Ion Ratio Lower Upper
130 100
95 101.2 0.0 194.8

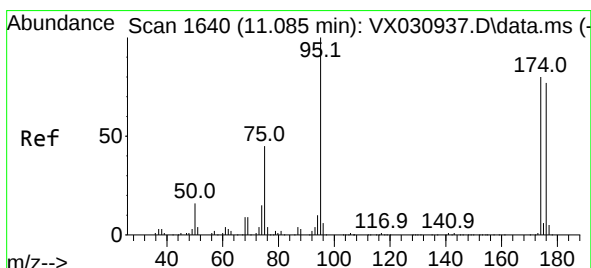
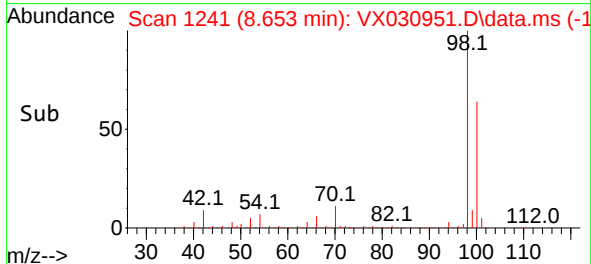
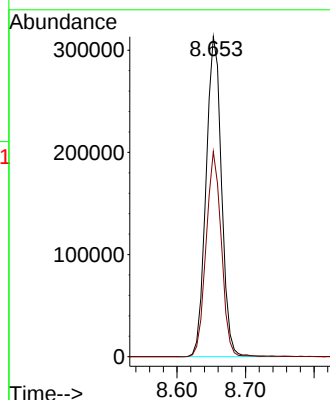
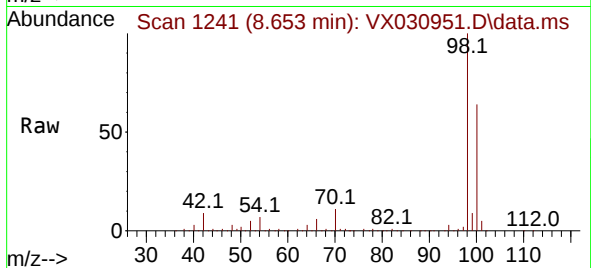




#50
Toluene-d8
Concen: 51.824 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030951.D
Acq: 30 Aug 2022 20:07

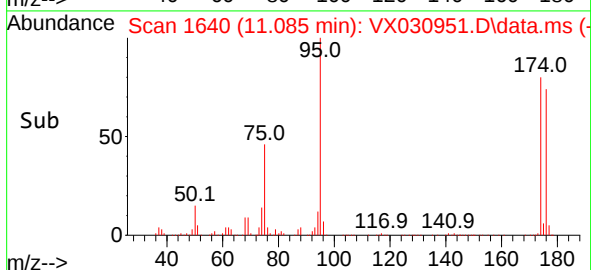
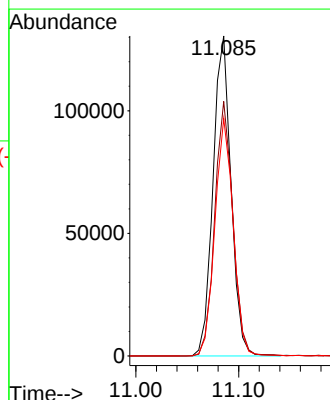
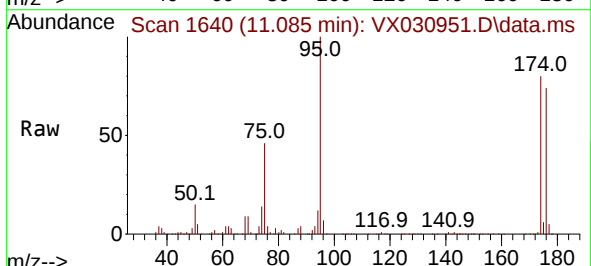
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20220819DL

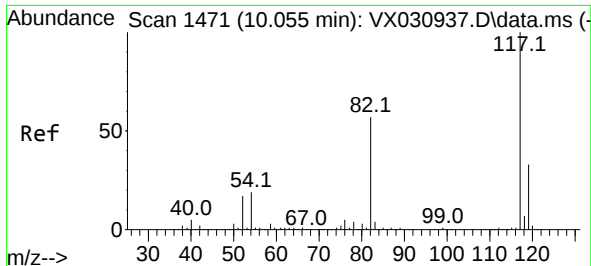
Tgt Ion: 98 Resp: 491948
Ion Ratio Lower Upper
98 100
100 63.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.855 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030951.D
Acq: 30 Aug 2022 20:07

Tgt Ion: 95 Resp: 158388
Ion Ratio Lower Upper
95 100
174 80.4 0.0 149.0
176 75.7 0.0 146.0

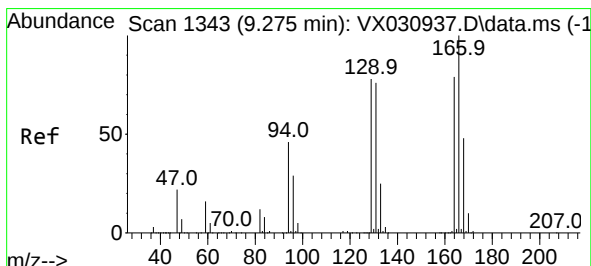
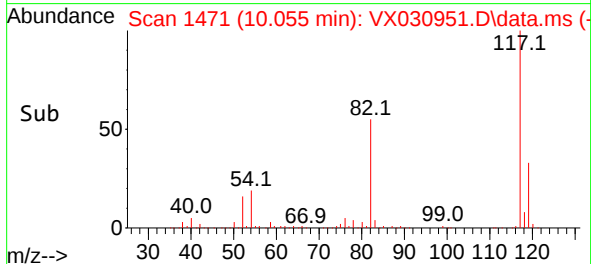
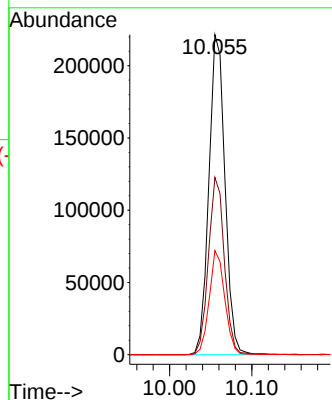
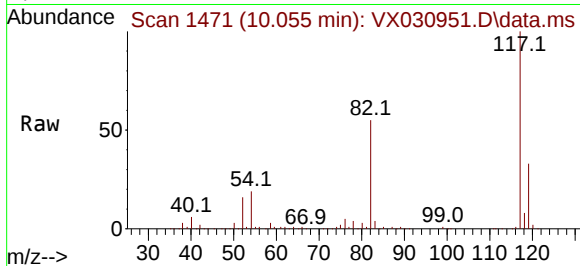




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030951.D
Acq: 30 Aug 2022 20:07

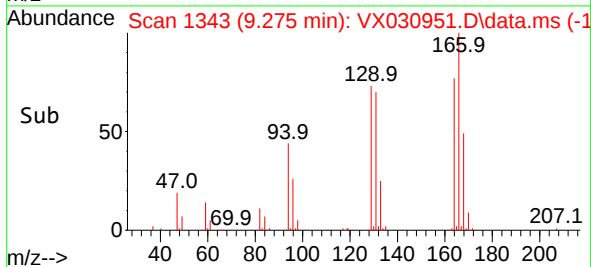
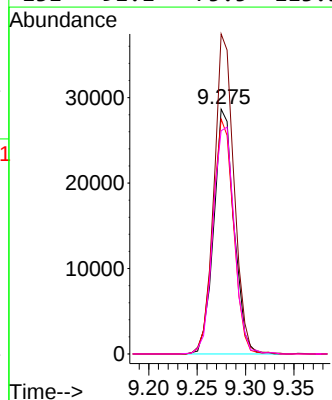
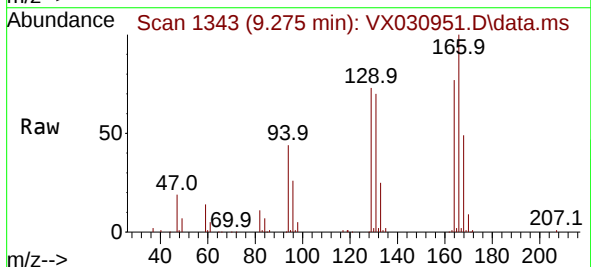
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20220819DL

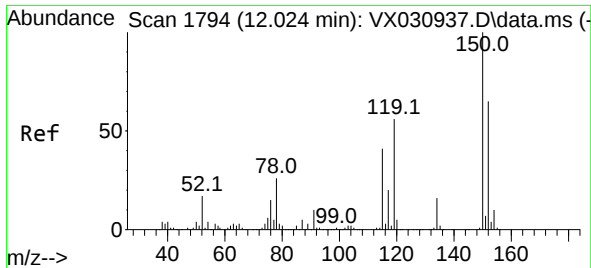
Tgt Ion:117 Resp: 301215
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 32.5 25.4 38.2



#64
Tetrachloroethene
Concen: 14.581 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030951.D
Acq: 30 Aug 2022 20:07

Tgt Ion:164 Resp: 41541
Ion Ratio Lower Upper
164 100
166 130.7 98.2 147.4
129 96.0 80.8 121.2
131 91.1 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030951.D
 Acq: 30 Aug 2022 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20220819DL

Tgt Ion:152 Resp: 133590
 Ion Ratio Lower Upper
 152 100
 115 59.2 40.5 121.5
 150 154.0 0.0 347.0

