

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031366.D
 Acq On : 15 Sep 2022 20:06
 Operator : JC/MD
 Sample : N4508-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05-3-13-090122

Quant Time: Sep 16 04:57:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

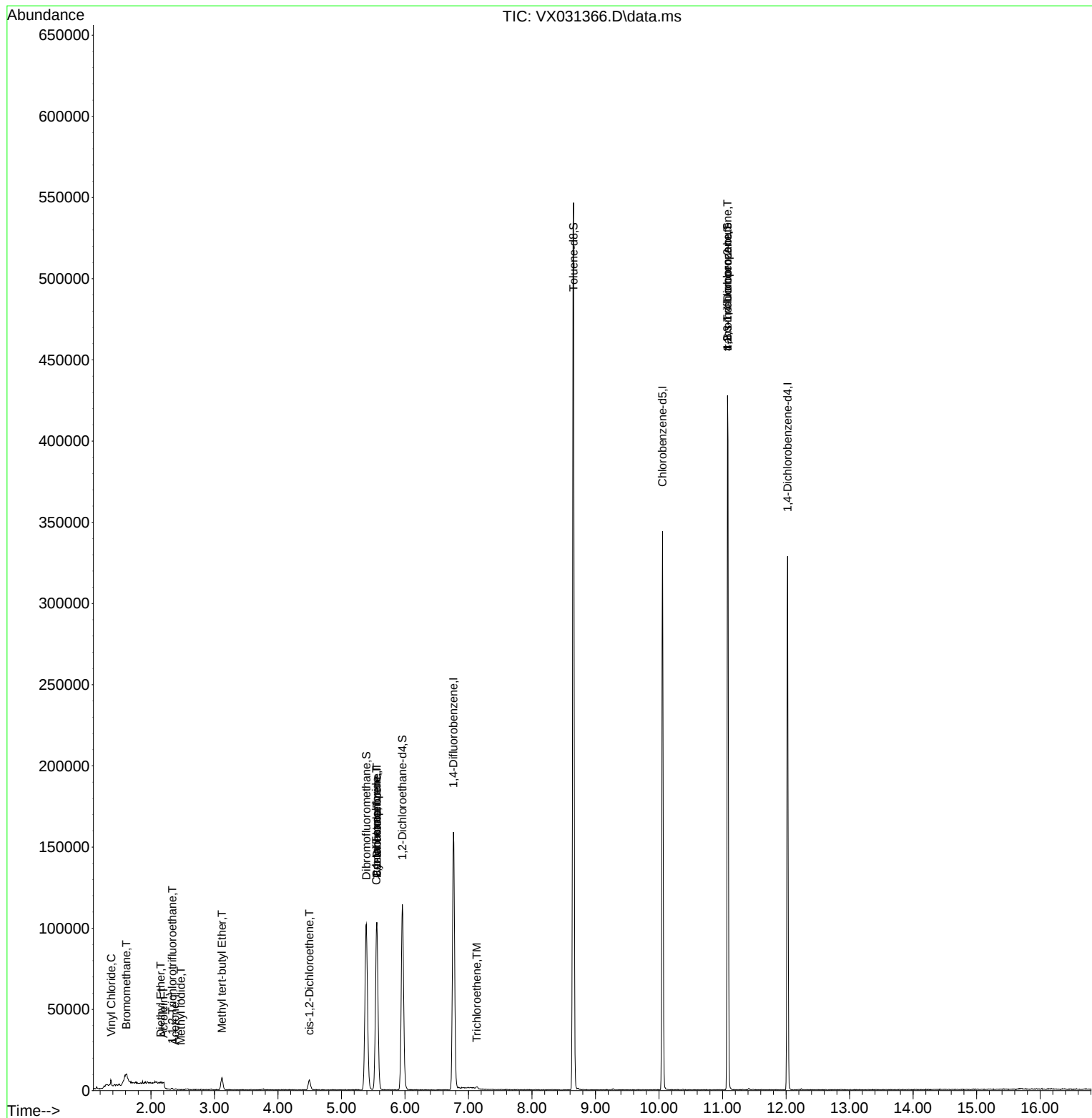
Internal Standards						
1) Pentafluorobenzene	5.556	168	95422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101806	43.467	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.940%
35) Dibromofluoromethane	5.391	113	84906	48.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.720%
50) Toluene-d8	8.653	98	320523	49.168	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.079	95	101335	42.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	230	Below Cal	#	41
4) Vinyl Chloride	1.374	62	1622	0.973	ug/l #	88
5) Bromomethane	1.611	94	569	0.455	ug/l #	72
8) Diethyl Ether	2.154	74	49	0.563	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.337	101	341	0.236	ug/l #	81
10) Methyl Iodide	2.471	142	19	0.921	ug/l #	38
11) Tert butyl alcohol	2.940	59	195	Below Cal	#	73
13) Acrolein	2.197	56	110	0.407	ug/l #	1
16) Acetone	2.380	43	591	0.591	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	8631	1.399	ug/l	94
20) Methylene Chloride	2.788	84	74	Below Cal	#	79
21) trans-1,2-Dichloroethene	3.081	96	49	Below Cal	#	1
27) cis-1,2-Dichloroethene	4.495	96	3886	1.980	ug/l	76
31) Cyclohexane	5.556	56	2393	0.951	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	7817	3.286	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9643	3.729	ug/l #	16
44) Trichloroethene	7.129	130	458	0.263	ug/l	65
76) 1,2,3-Trichloropropane	11.079	75	58235	36.147	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	58235	100.019	ug/l #	11

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

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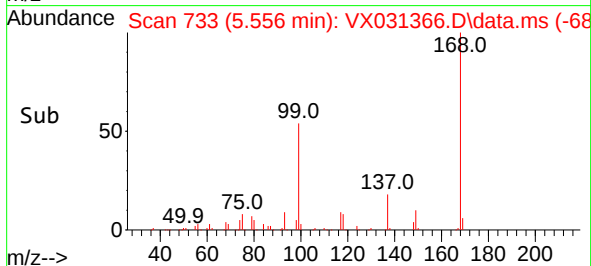
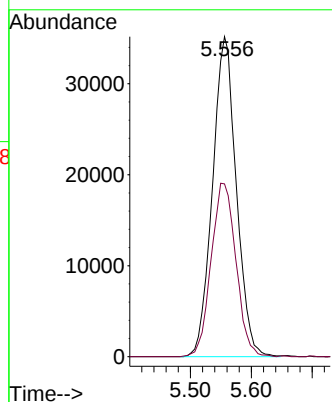
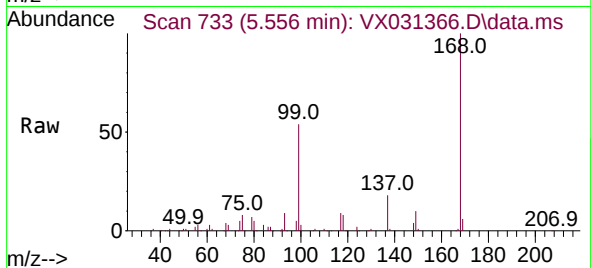




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

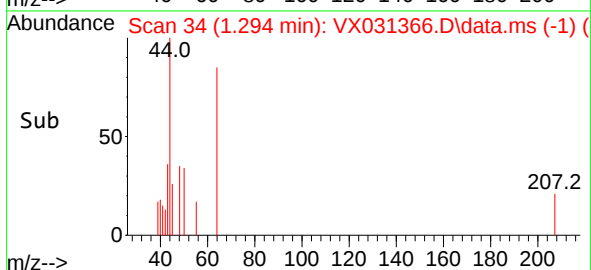
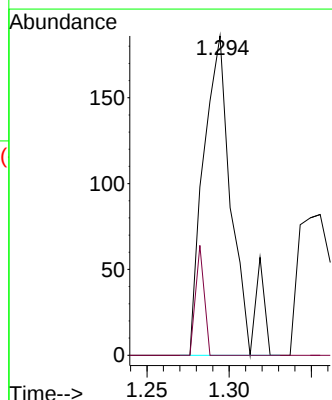
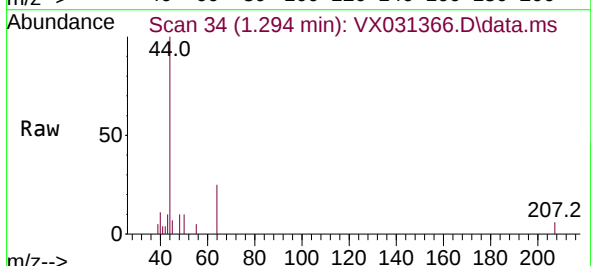
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122

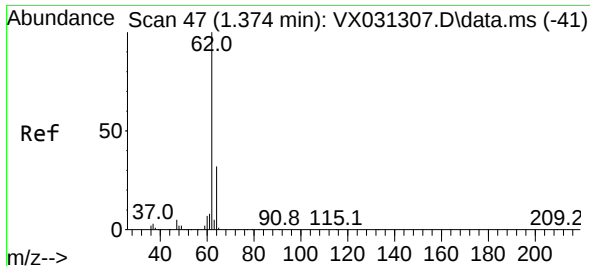
Tgt Ion:168 Resp: 95422
Ion Ratio Lower Upper
168 100
99 54.0 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

Tgt Ion: 50 Resp: 230
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

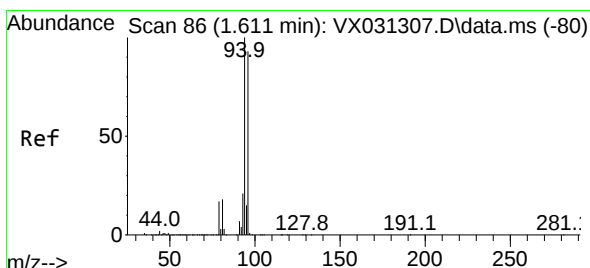
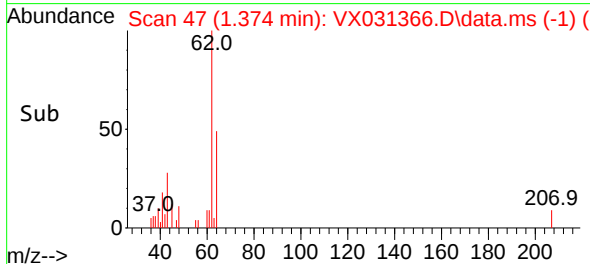
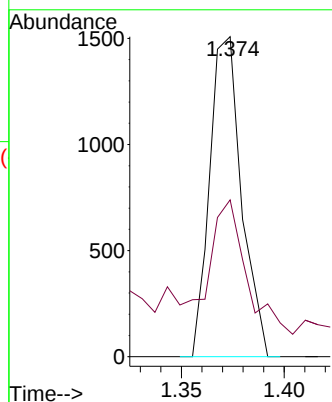
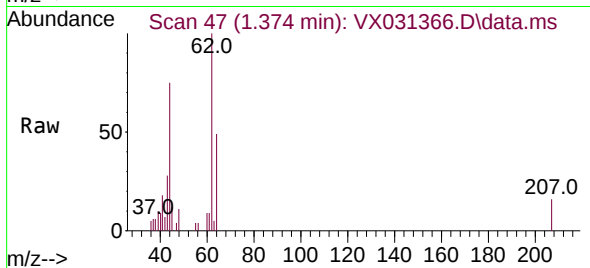




#4
 Vinyl Chloride
 Concen: 0.973 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX031366.D
 Acq: 15 Sep 2022 20:06

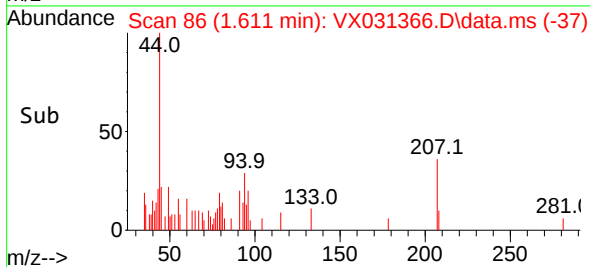
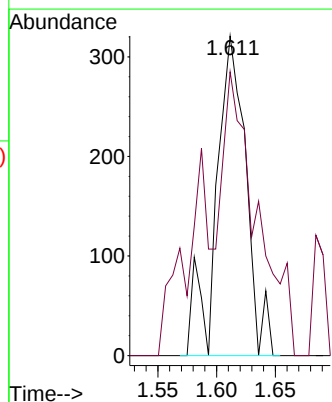
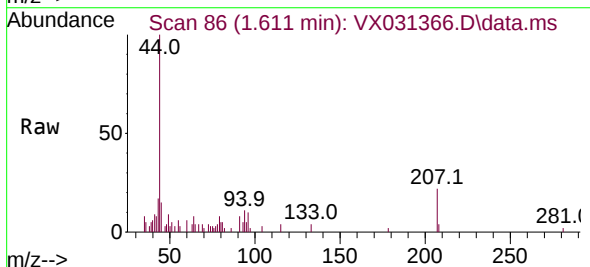
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05-3-13-090122

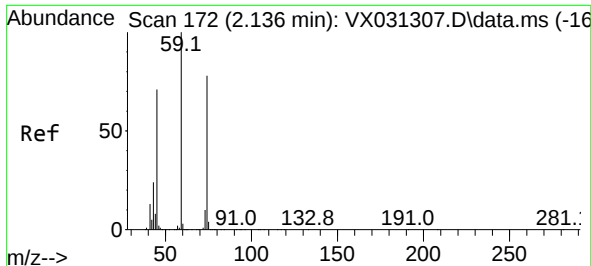
Tgt Ion: 62 Resp: 1622
 Ion Ratio Lower Upper
 62 100
 64 38.5 25.3 37.9#



#5
 Bromomethane
 Concen: 0.455 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX031366.D
 Acq: 15 Sep 2022 20:06

Tgt Ion: 94 Resp: 569
 Ion Ratio Lower Upper
 94 100
 96 66.4 74.4 111.6#

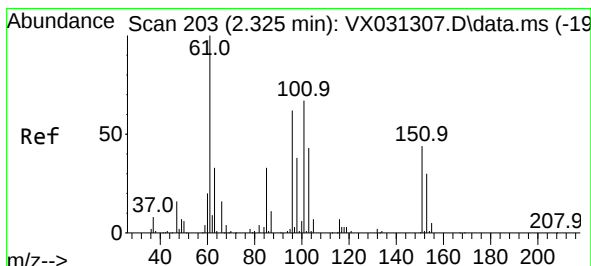
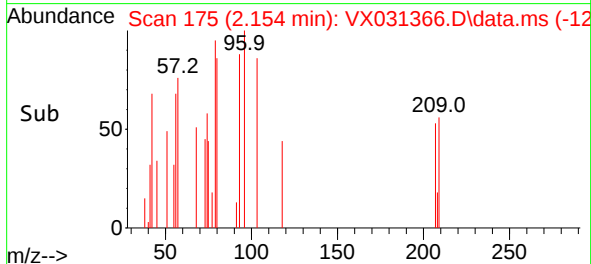
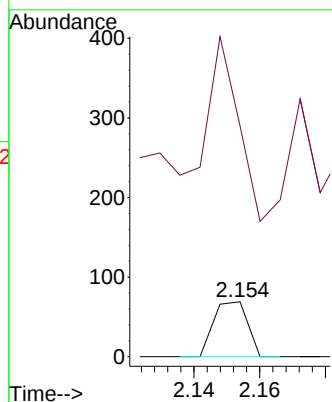
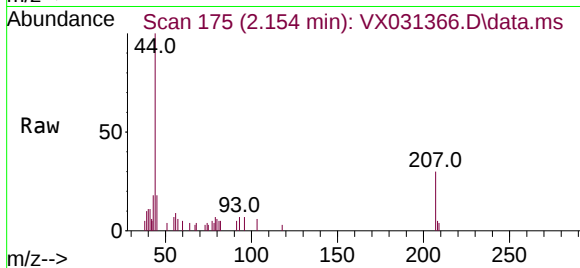




#8
Diethyl Ether
Concen: 0.563 ug/l
RT: 2.154 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

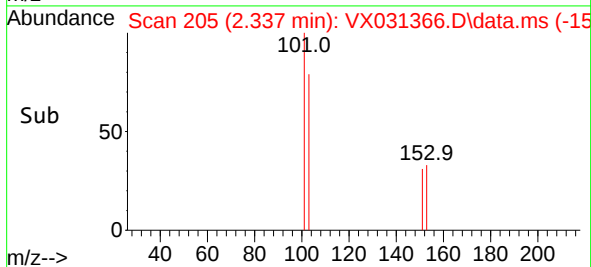
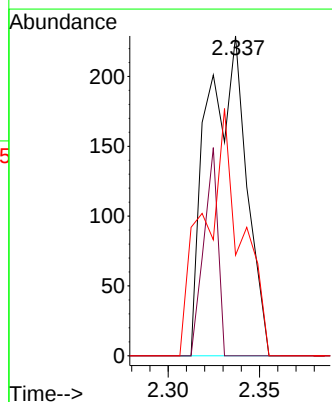
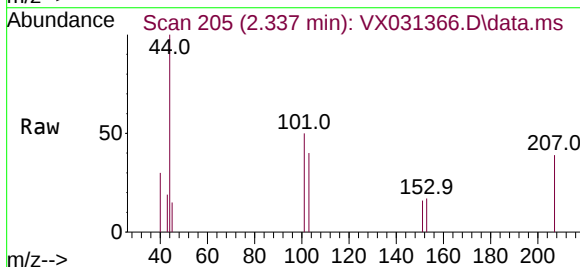
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122

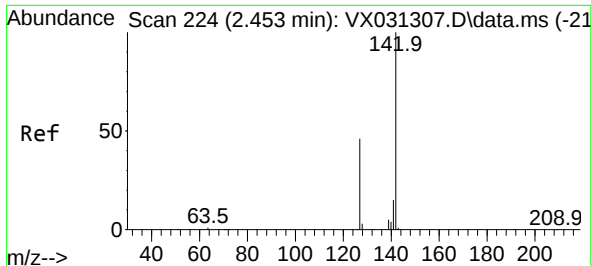
Tgt Ion: 74 Resp: 49
Ion Ratio Lower Upper
74 100
45 314.3 48.5 145.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.236 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

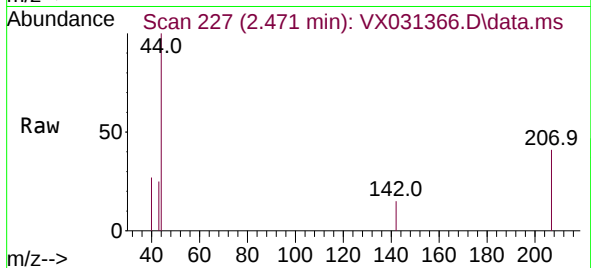
Tgt Ion: 101 Resp: 341
Ion Ratio Lower Upper
101 100
85 23.5 38.6 57.8#
151 73.3 54.0 81.0



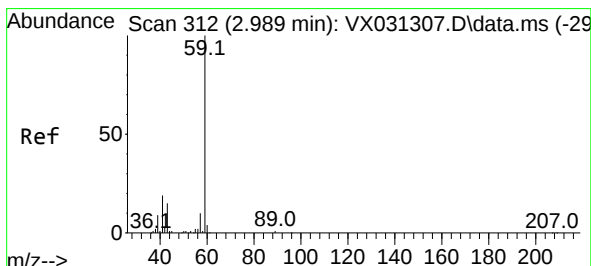
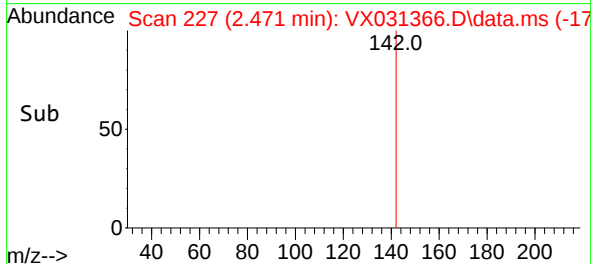
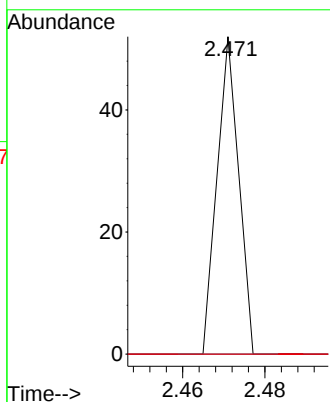


#10
Methyl Iodide
Concen: 0.921 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122

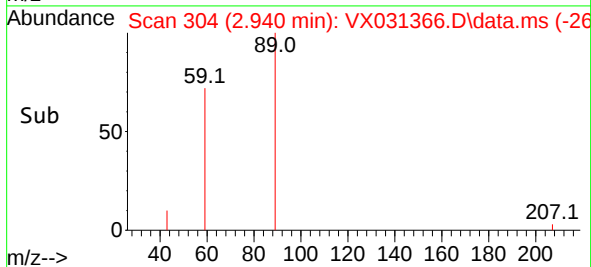
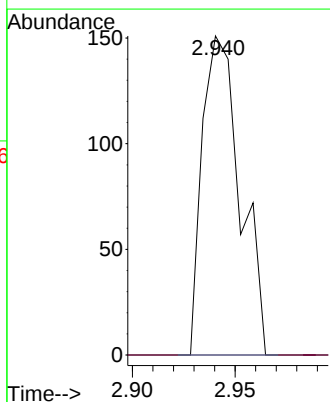
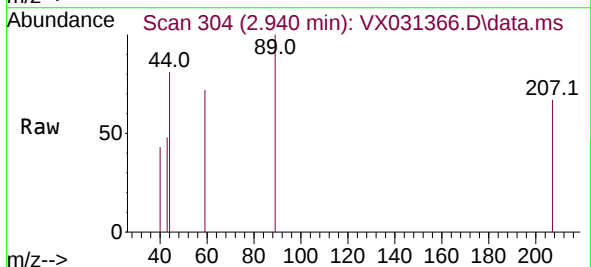


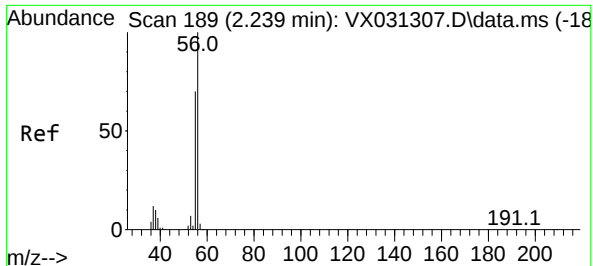
Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

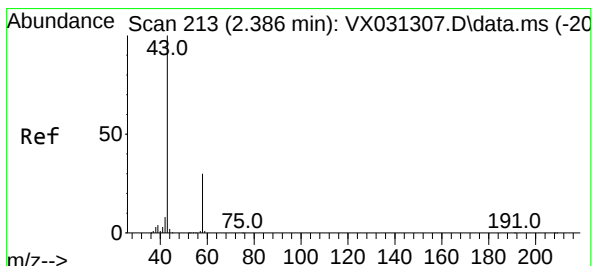
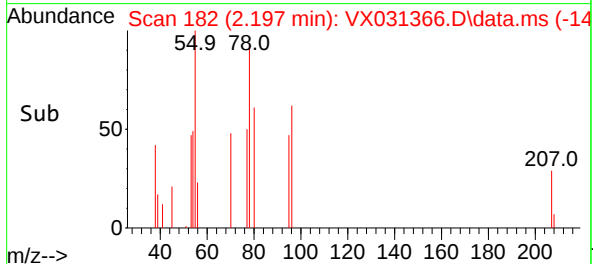
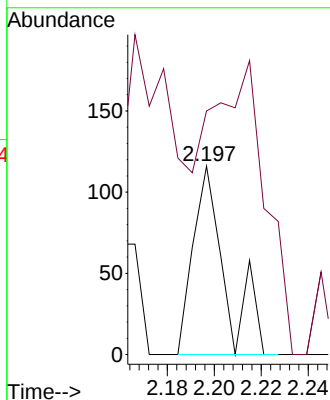
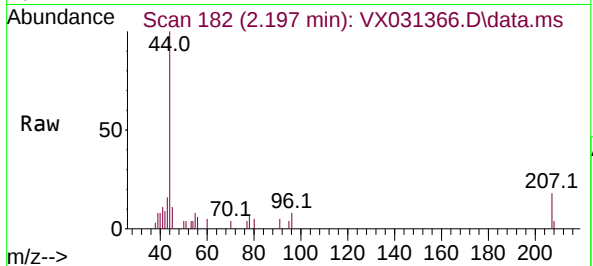




#13
Acrolein
Concen: 0.407 ug/l
RT: 2.197 min Scan# 11
Delta R.T. -0.042 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

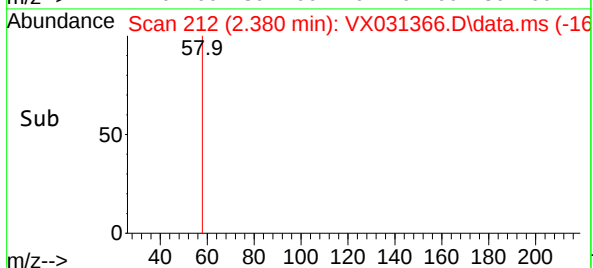
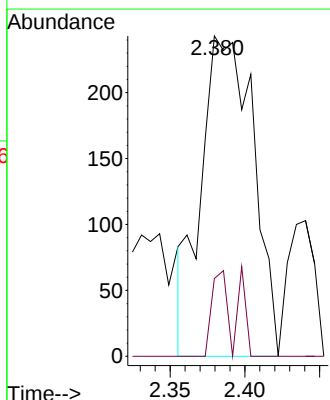
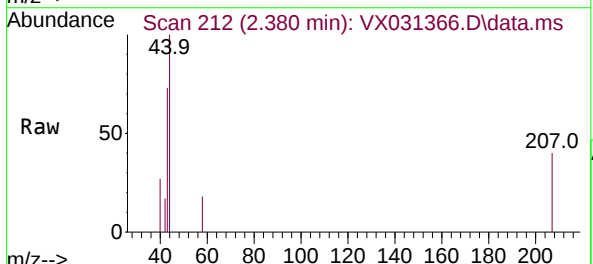
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122

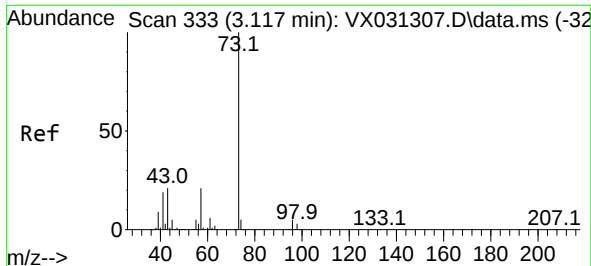
Tgt Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 269.1 56.0 84.0#



#16
Acetone
Concen: 0.591 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 24.3 23.8 35.8





#19

Methyl tert-butyl Ether

Concen: 1.399 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX031366.D

Acq: 15 Sep 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

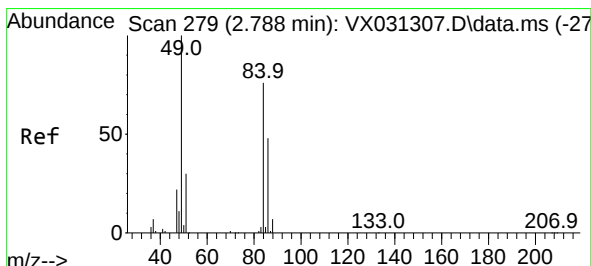
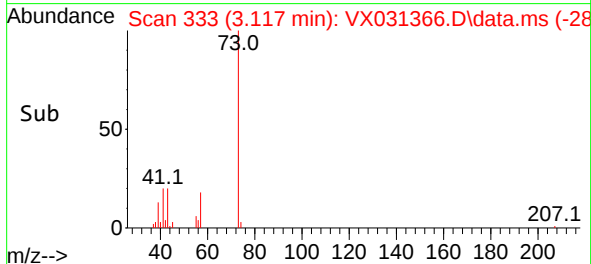
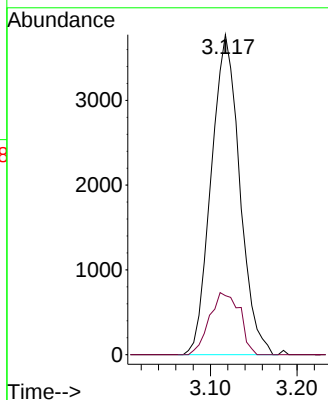
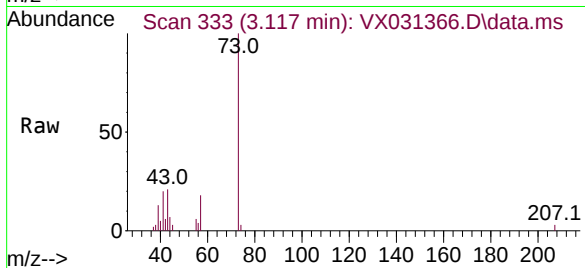
MW-05-3-13-090122

Tgt Ion: 73 Resp: 8631

Ion Ratio Lower Upper

73 100

57 18.4 17.2 25.8



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031366.D

Acq: 15 Sep 2022 20:06

Tgt Ion: 84 Resp: 74

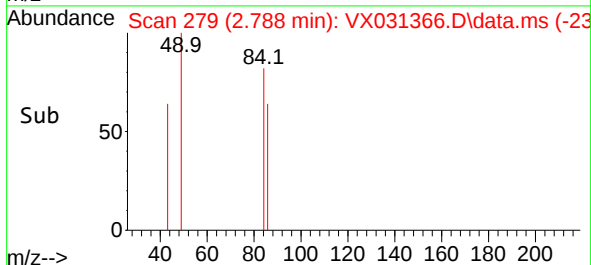
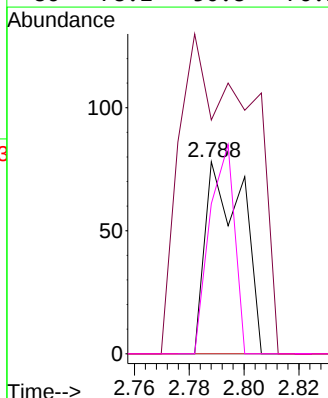
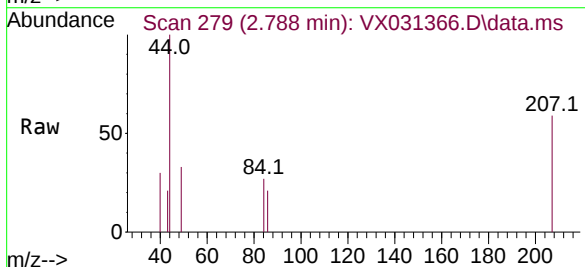
Ion Ratio Lower Upper

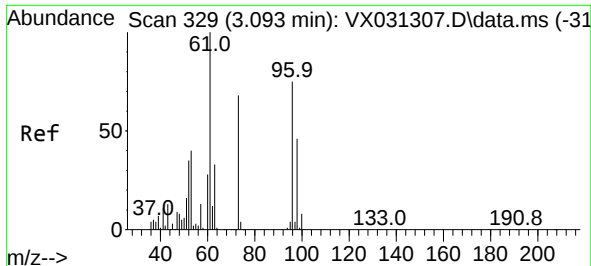
84 100

49 121.8 105.9 158.9

51 0.0 32.2 48.2#

86 78.2 50.8 76.2#

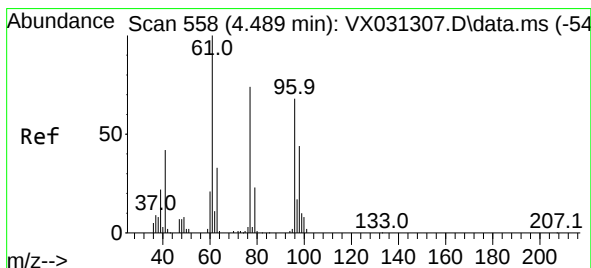
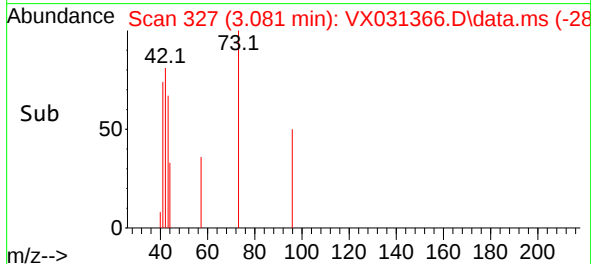
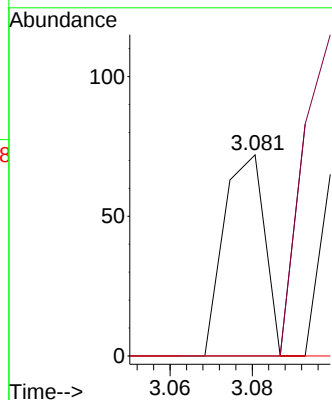
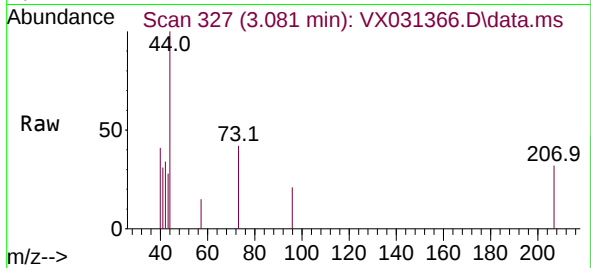




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.081 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

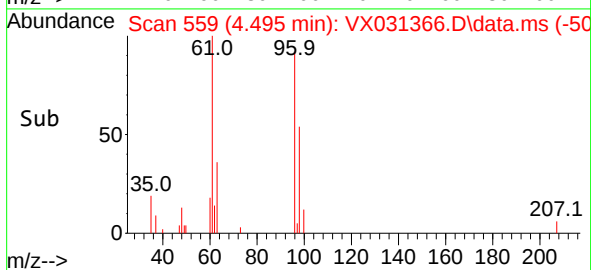
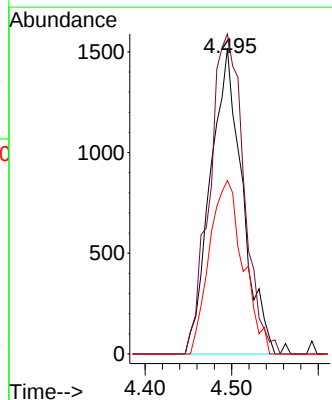
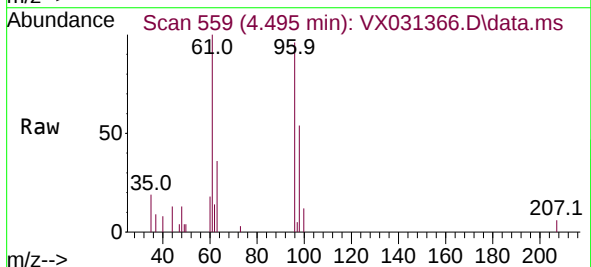
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122

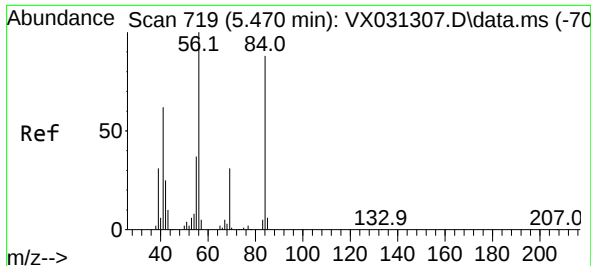
Tgt Ion: 96 Resp: 49
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#



#27
cis-1,2-Dichloroethene
Concen: 1.980 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

Tgt Ion: 96 Resp: 3886
Ion Ratio Lower Upper
96 100
61 112.4 0.0 305.2
98 60.0 0.0 128.4

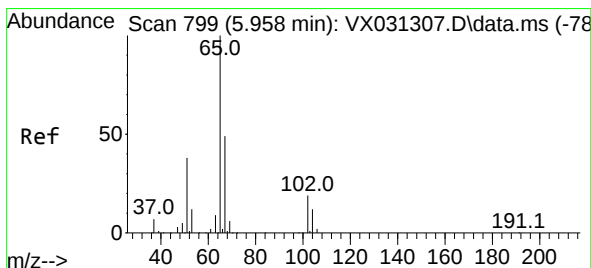
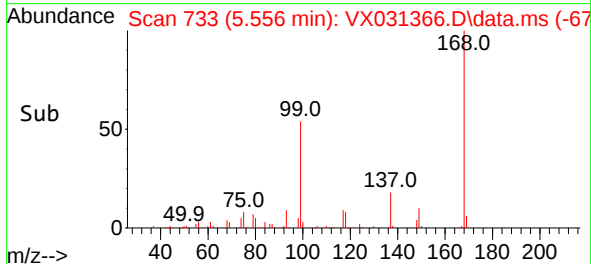
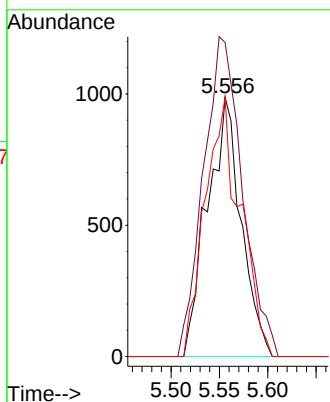
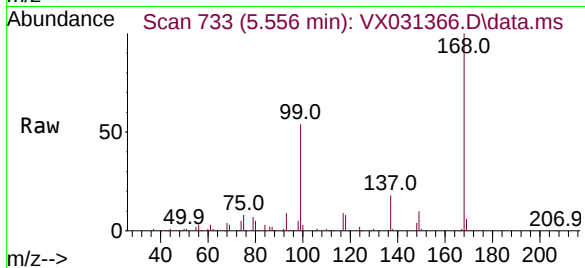




#31
Cyclohexane
Concen: 0.951 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

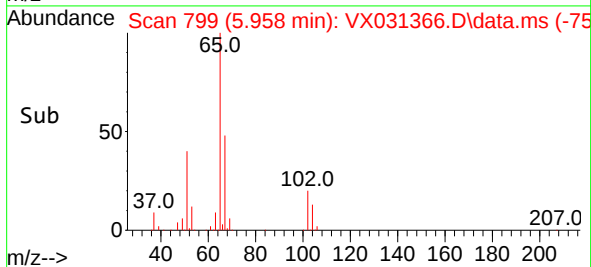
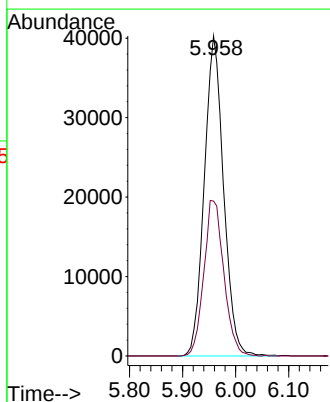
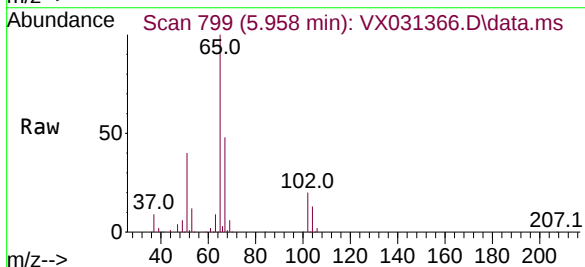
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122

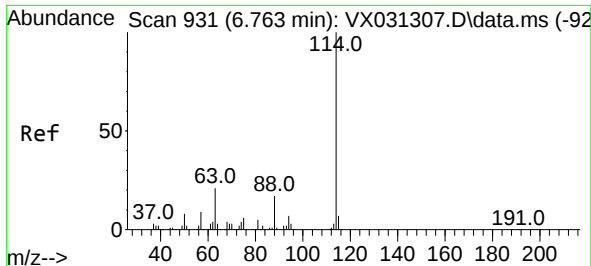
Tgt Ion	Ratio	Lower	Upper
56	100		
69	121.2	25.1	37.7#
84	100.0	70.2	105.4



#33
1,2-Dichloroethane-d4
Concen: 43.467 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	102.4

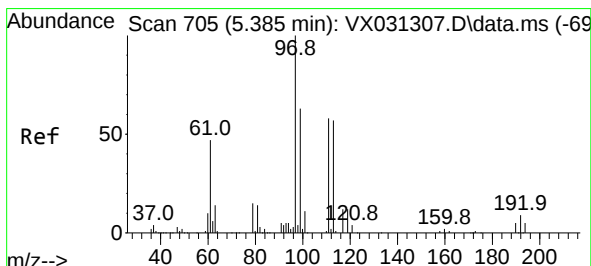
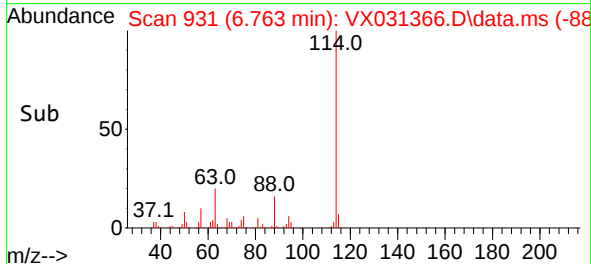
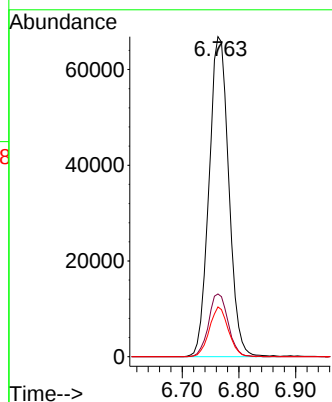
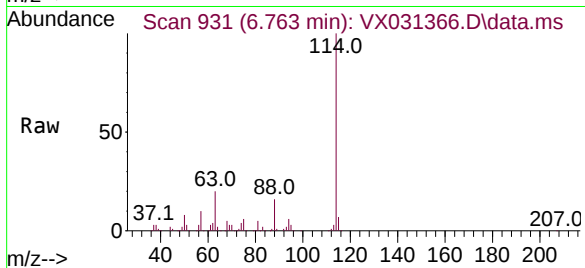




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

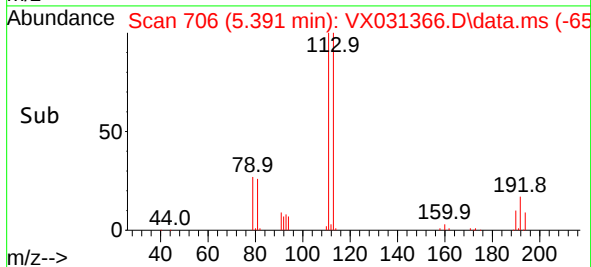
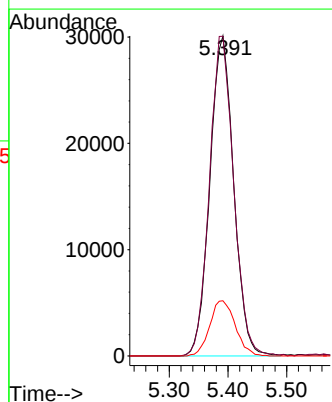
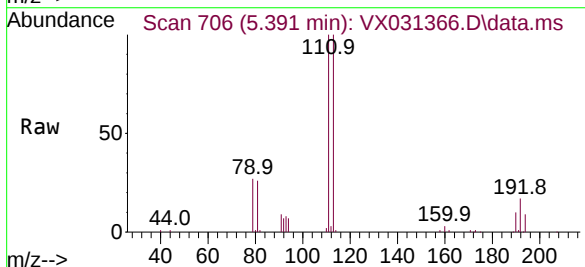
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122

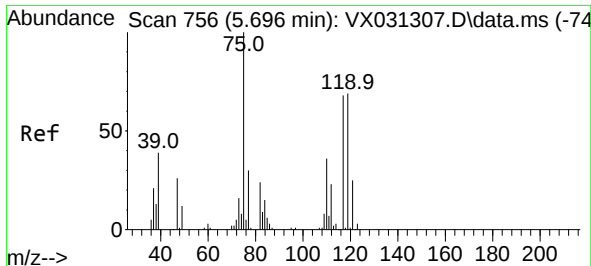
Tgt Ion:114 Resp: 161673
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.6
88 15.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.856 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

Tgt Ion:113 Resp: 84906
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 18.5 14.1 21.1

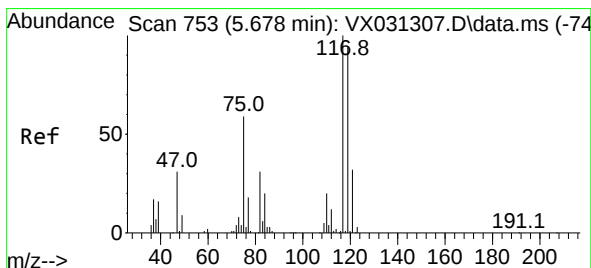
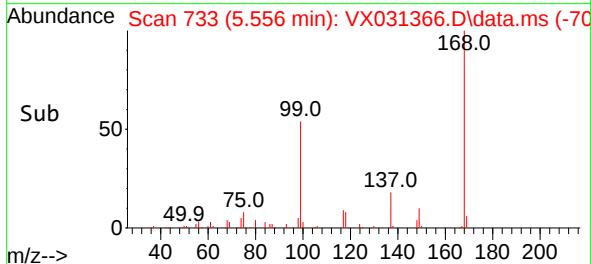
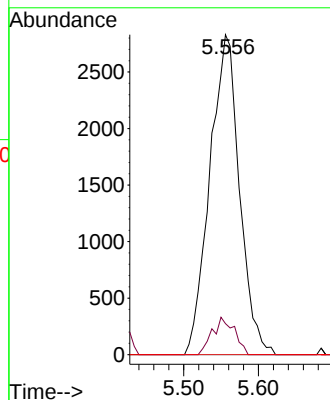
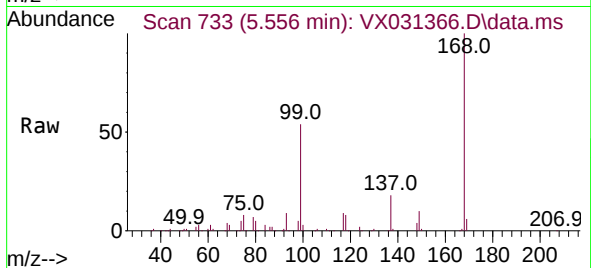




#36
1,1-Dichloropropene
Concen: 3.286 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

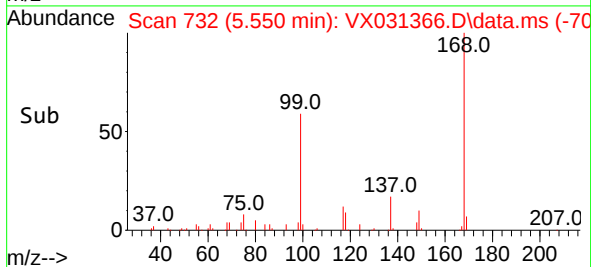
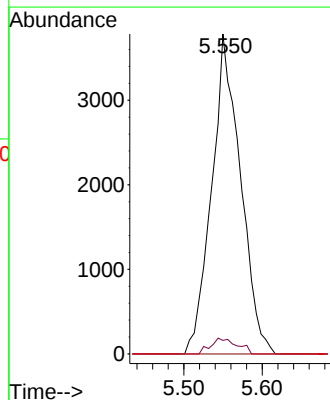
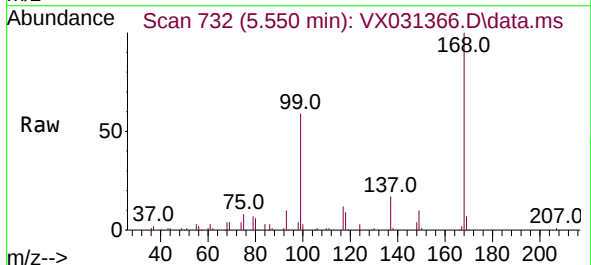
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122

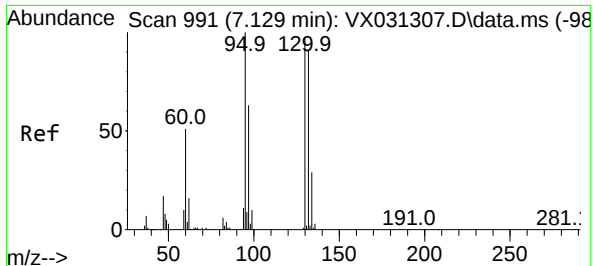
Tgt Ion: 75 Resp: 7817
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.729 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

Tgt Ion: 117 Resp: 9643
Ion Ratio Lower Upper
117 100
119 4.2 74.6 112.0#
121 0.0 25.3 37.9#

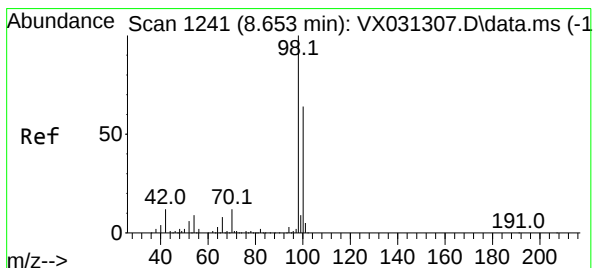
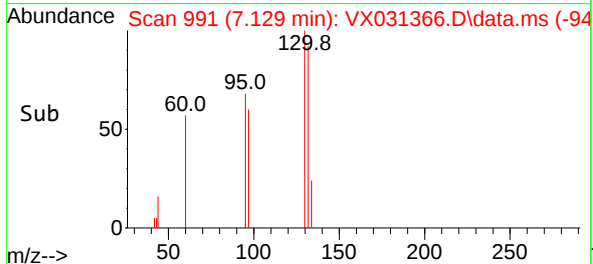
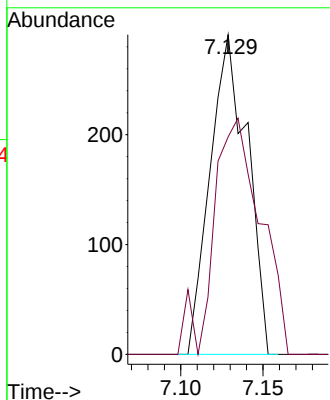
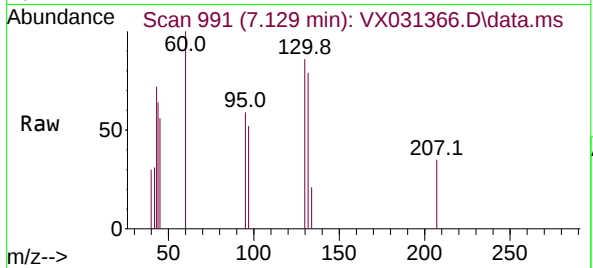




#44
Trichloroethene
Concen: 0.263 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

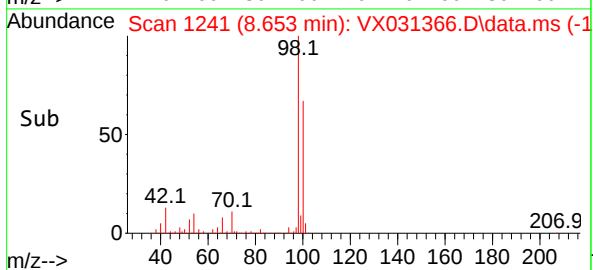
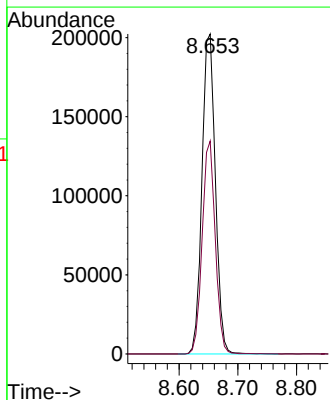
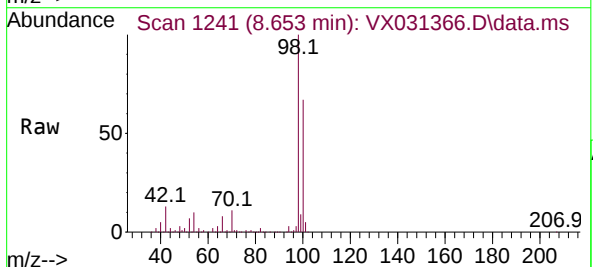
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122

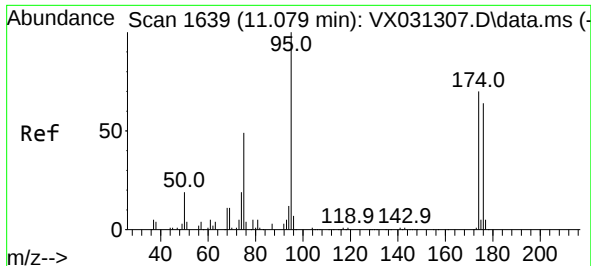
Tgt Ion:130 Resp: 458
Ion Ratio Lower Upper
130 100
95 68.0 0.0 206.8



#50
Toluene-d8
Concen: 49.168 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

Tgt Ion: 98 Resp: 320523
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

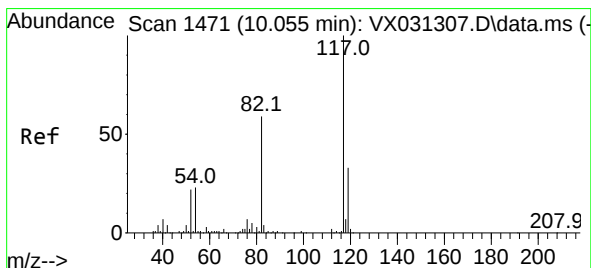
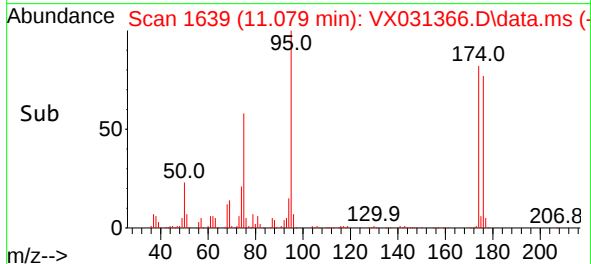
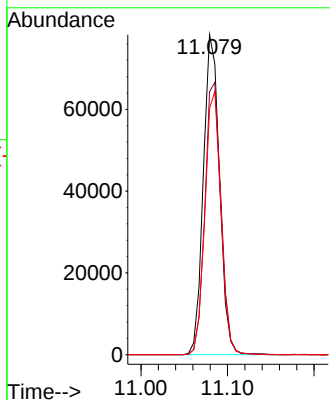
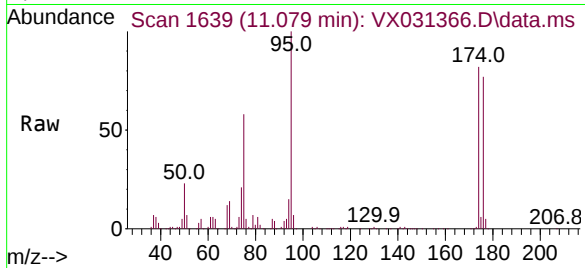




#62
4-Bromofluorobenzene
Concen: 42.449 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

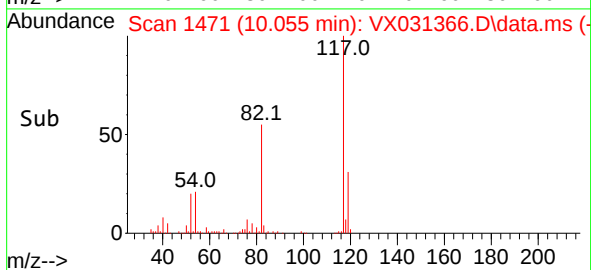
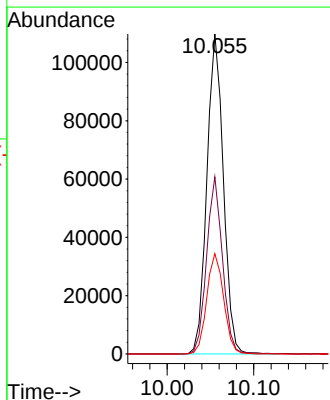
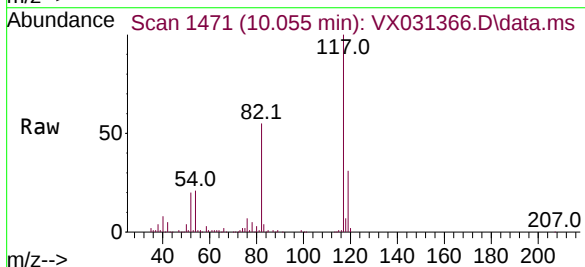
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122

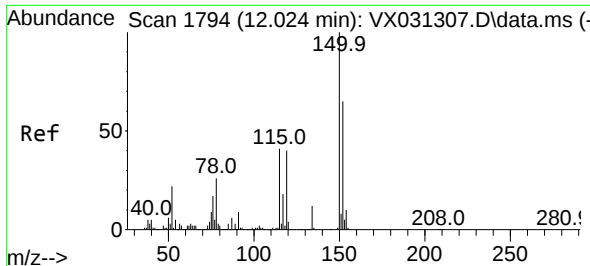
Tgt Ion: 95 Resp: 101335
Ion Ratio Lower Upper
95 100
174 85.5 0.0 153.2
176 81.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031366.D
Acq: 15 Sep 2022 20:06

Tgt Ion: 117 Resp: 145128
Ion Ratio Lower Upper
117 100
82 55.4 46.8 70.2
119 31.4 26.4 39.6

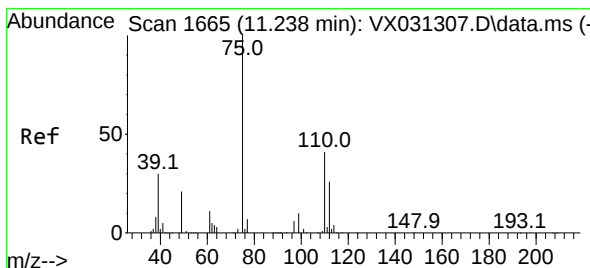
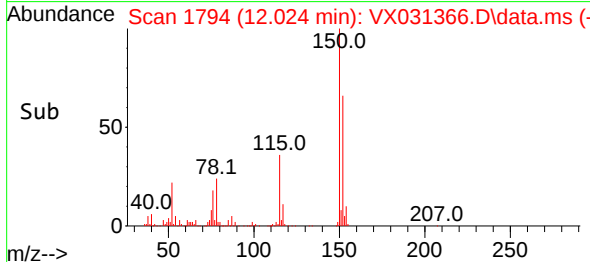
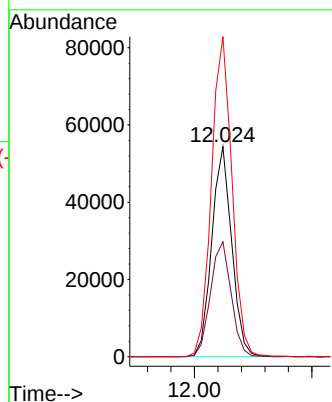
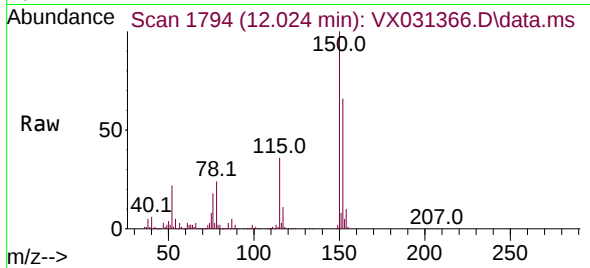




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031366.D
 Acq: 15 Sep 2022 20:06

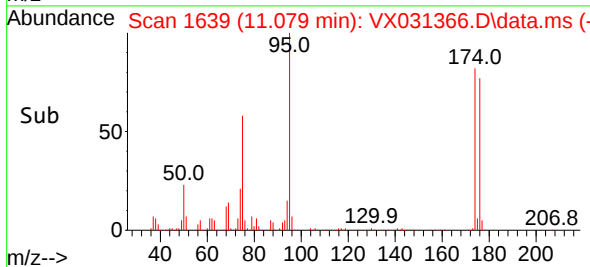
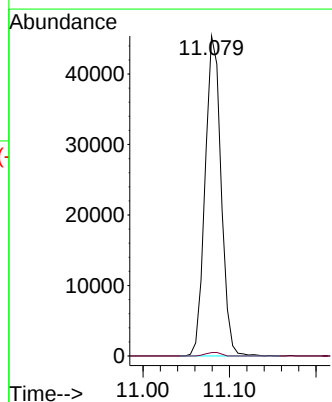
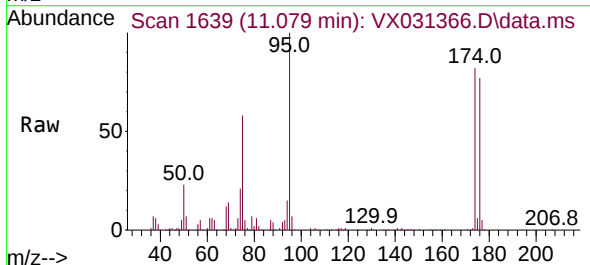
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05-3-13-090122

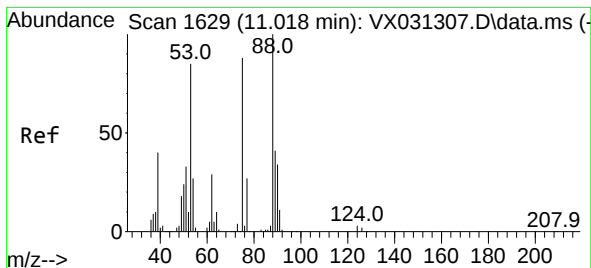
Tgt Ion:152 Resp: 63931
 Ion Ratio Lower Upper
 152 100
 115 56.8 43.4 130.1
 150 156.9 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 36.147 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031366.D
 Acq: 15 Sep 2022 20:06

Tgt Ion: 75 Resp: 58235
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.019 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031366.D
 Acq: 15 Sep 2022 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05-3-13-090122

Tgt Ion: 75 Resp: 58235
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.1 37.4 56.0#

