

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031395.D
 Acq On : 16 Sep 2022 08:32
 Operator : JC/MD
 Sample : N4537-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW6

Quant Time: Sep 16 18:55:32 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)

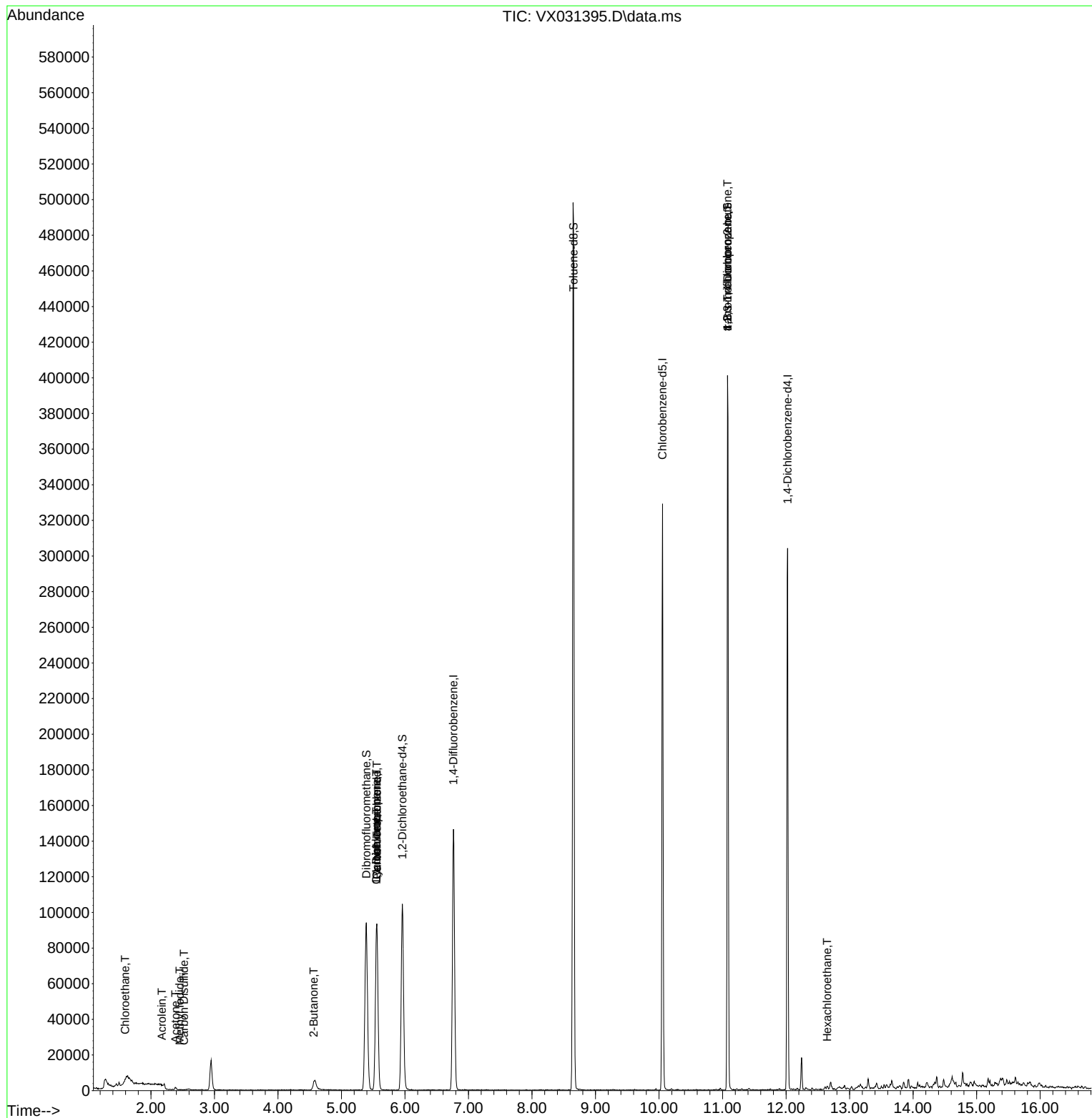
Internal Standards						
1) Pentafluorobenzene	5.556	168	89500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93038	42.351	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.700%		
35) Dibromofluoromethane	5.391	113	77645	48.448	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.900%		
50) Toluene-d8	8.653	98	290182	48.269	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.540%		
62) 4-Bromofluorobenzene	11.079	95	93582	42.509	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.020%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	376	Below Cal	#	80
6) Chloroethane	1.593	64	1334	1.096	ug/l #	61
10) Methyl Iodide	2.453	142	85	0.966	ug/l #	38
11) Tert butyl alcohol	2.946	59	9541	Below Cal	#	74
13) Acrolein	2.172	56	91	0.359	ug/l #	80
16) Acetone	2.386	43	1395	1.487	ug/l #	86
17) Carbon Disulfide	2.520	76	153	0.930	ug/l #	75
20) Methylene Chloride	2.800	84	41	Below Cal	#	1
21) trans-1,2-Dichloroethene	3.105	96	19	Below Cal	#	1
25) 2-Butanone	4.562	43	334	0.216	ug/l #	49
31) Cyclohexane	5.550	56	2376	1.007	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	7405	3.376	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9066	3.802	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	53324	34.095	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	53324	94.341	ug/l #	11
90) Hexachloroethane	12.646	117	687	0.877	ug/l #	15

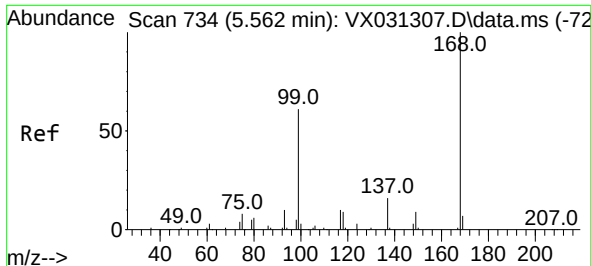
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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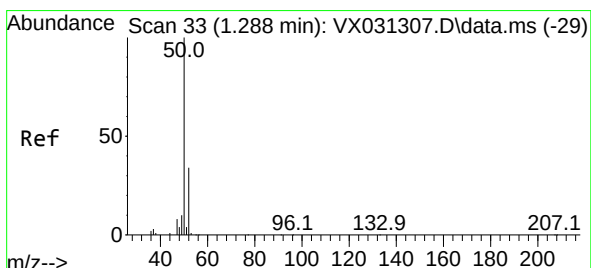
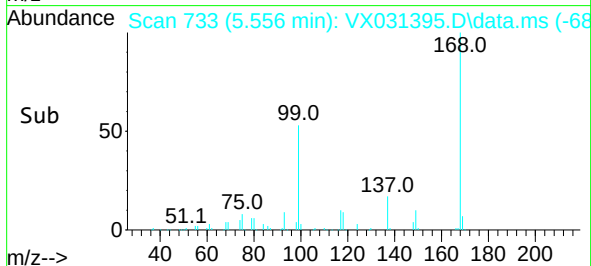
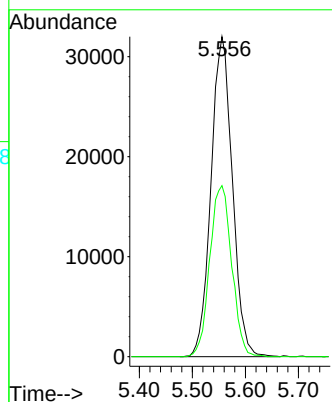
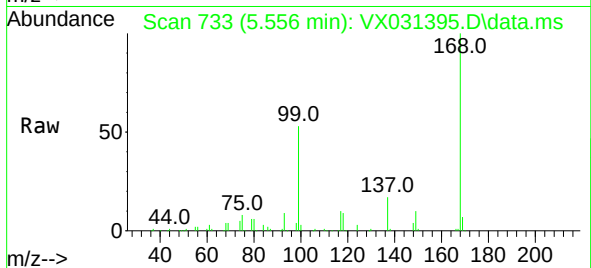




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 734
Delta R.T. -0.006 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

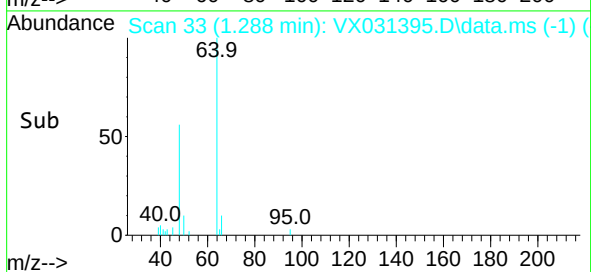
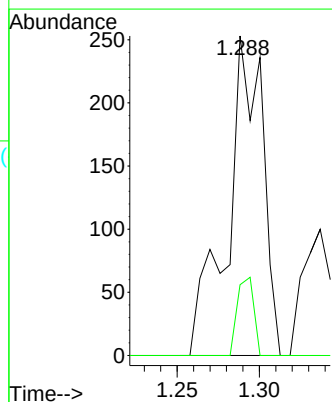
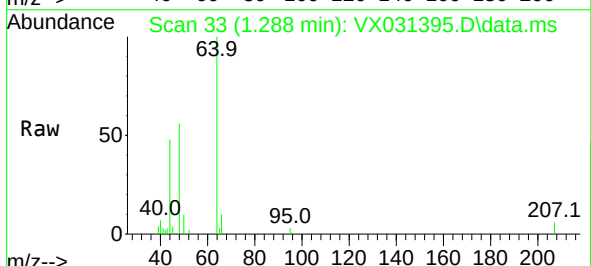
Instrument :
MSVOA_X
ClientSampleId :
MW6

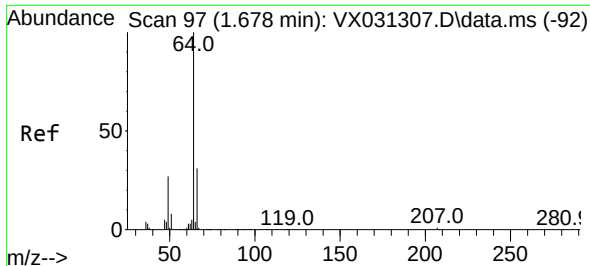
Tgt Ion:168 Resp: 89500
Ion Ratio Lower Upper
168 100
99 53.4 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

Tgt Ion: 50 Resp: 376
Ion Ratio Lower Upper
50 100
52 22.1 26.9 40.3#

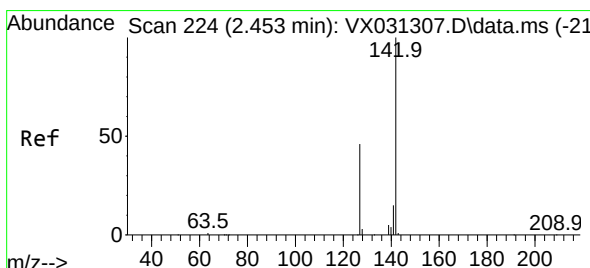
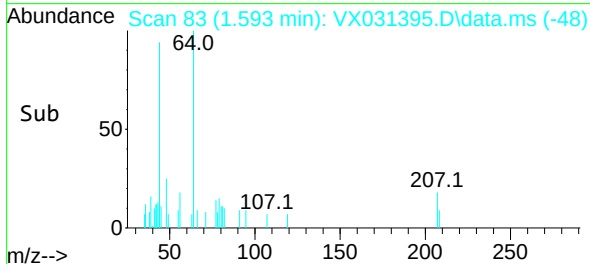
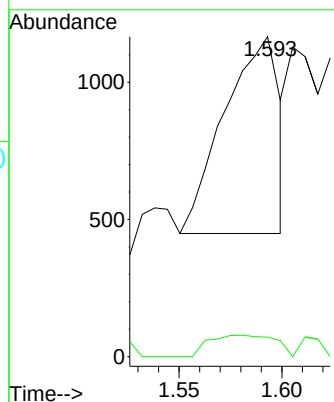
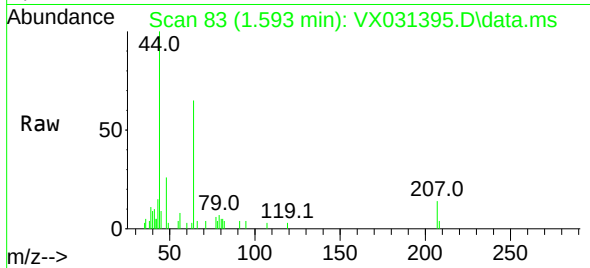




#6
Chloroethane
Concen: 1.096 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.085 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

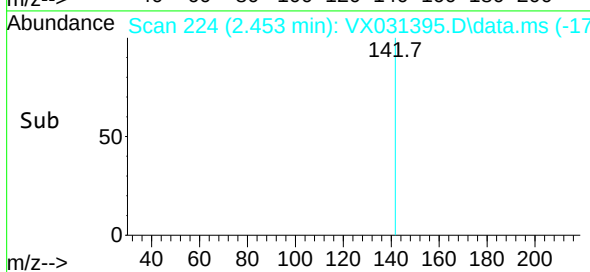
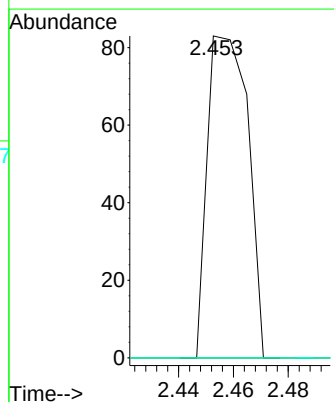
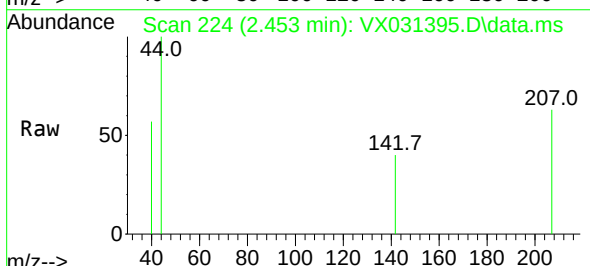
Instrument :
MSVOA_X
ClientSampleId :
MW6

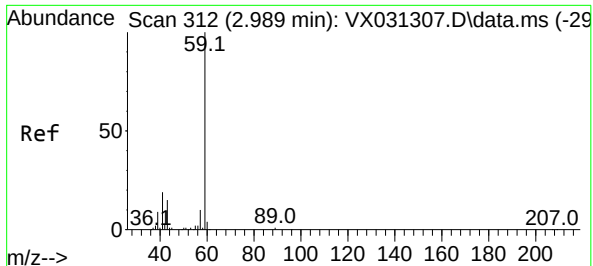
Tgt Ion: 64 Resp: 1334
Ion Ratio Lower Upper
64 100
66 9.9 25.0 37.4#



#10
Methyl Iodide
Concen: 0.966 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

Tgt Ion: 142 Resp: 85
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: 2.946 min Scan# 305

Delta R.T. -0.043 min

Lab File: VX031395.D

Acq: 16 Sep 2022 08:32

Instrument :

MSVOA_X

ClientSampleId :

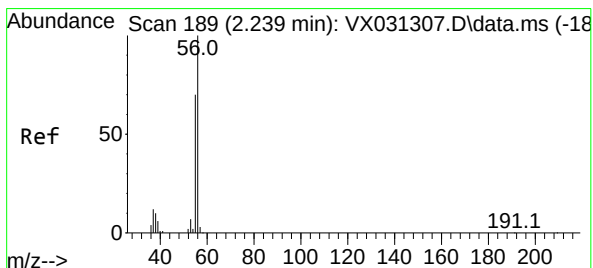
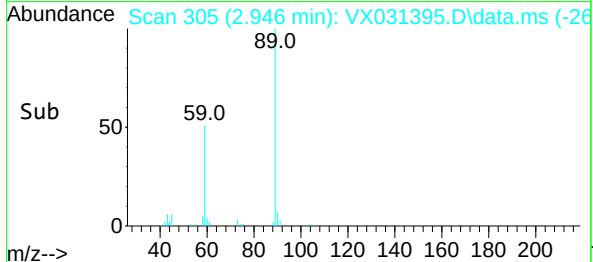
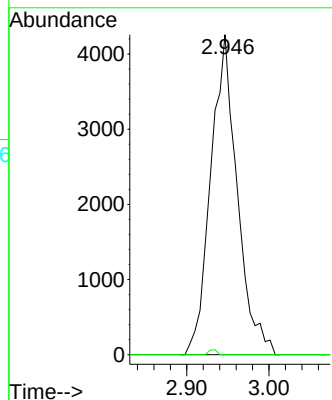
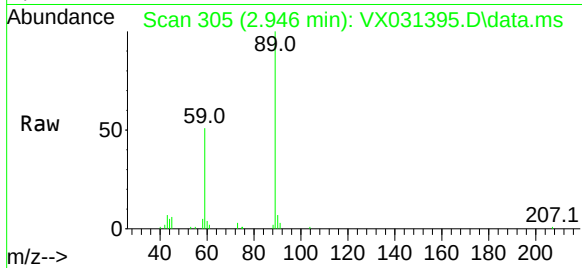
MW6

Tgt Ion: 59 Resp: 9541

Ion Ratio Lower Upper

59 100

57 0.5 8.2 12.2#



#13

Acrolein

Concen: 0.359 ug/l

RT: 2.172 min Scan# 178

Delta R.T. -0.067 min

Lab File: VX031395.D

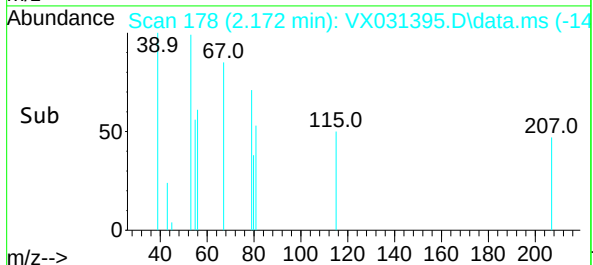
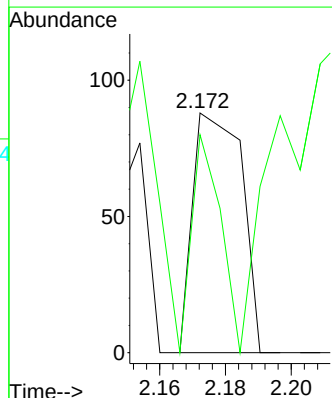
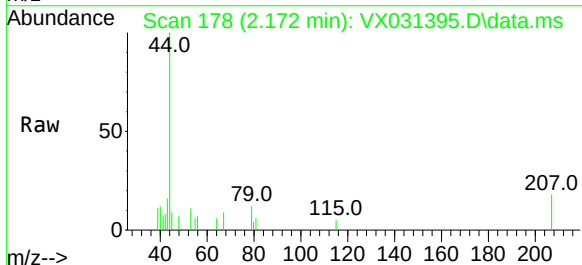
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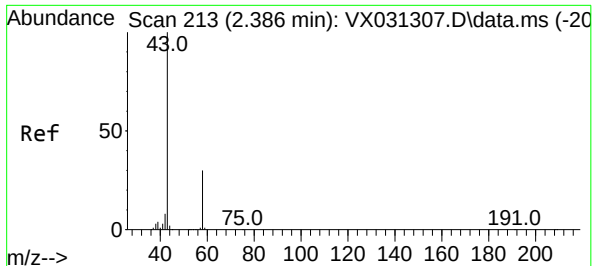
Tgt Ion: 56 Resp: 91

Ion Ratio Lower Upper

56 100

55 53.8 56.0 84.0#

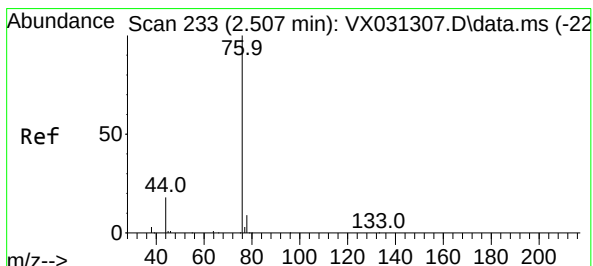
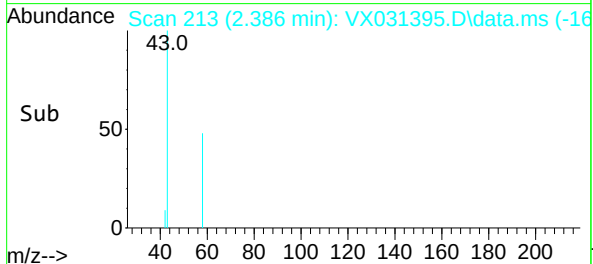
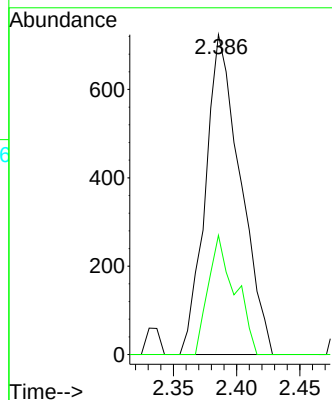
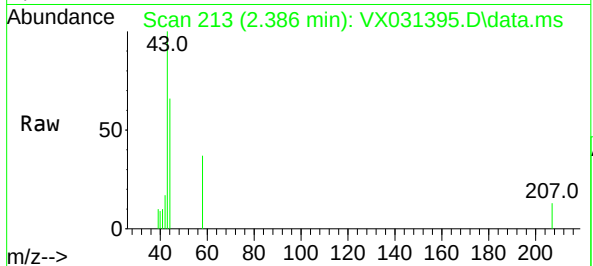




#16
Acetone
Concen: 1.487 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

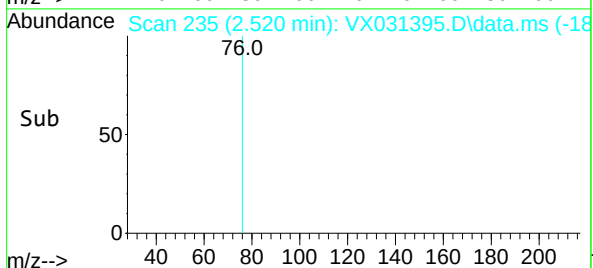
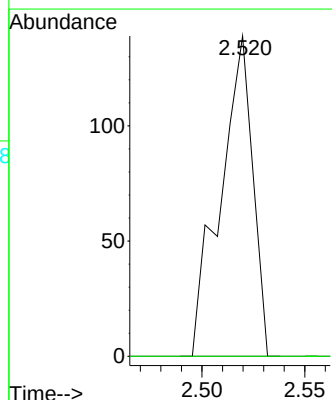
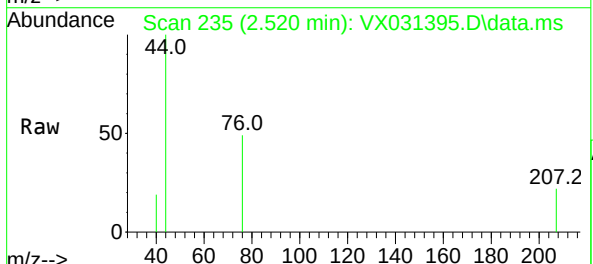
Instrument :
MSVOA_X
ClientSampleId :
MW6

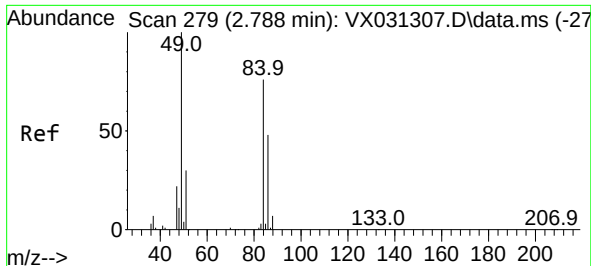
Tgt Ion: 43 Resp: 1395
Ion Ratio Lower Upper
43 100
58 37.3 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.930 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.013 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

Tgt Ion: 76 Resp: 153
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

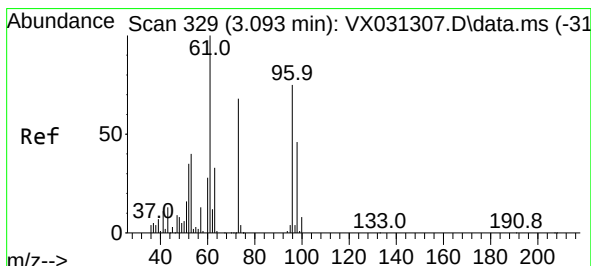
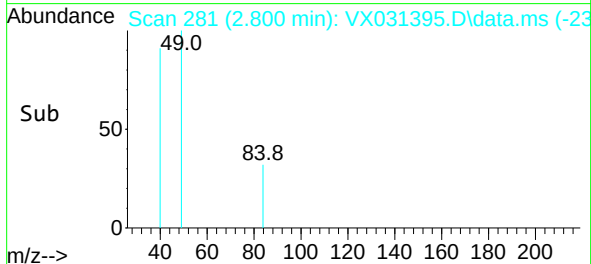
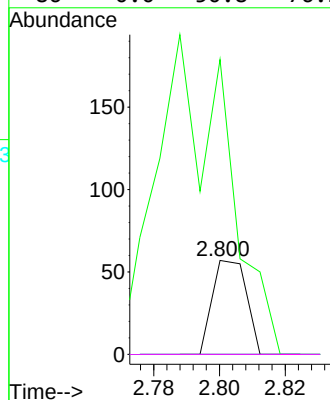
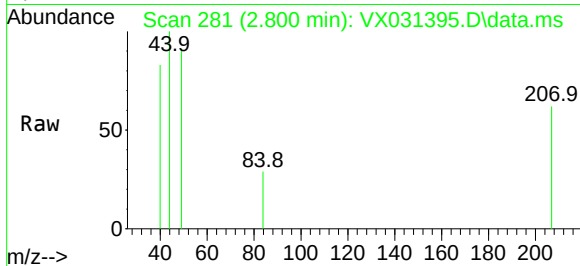




#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

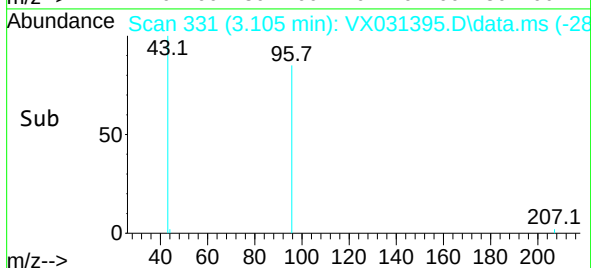
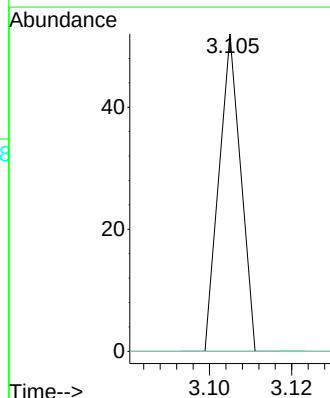
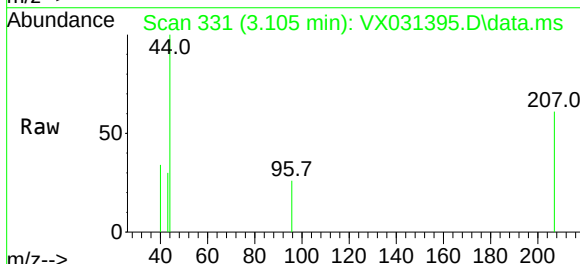
Instrument :
MSVOA_X
ClientSampleId :
MW6

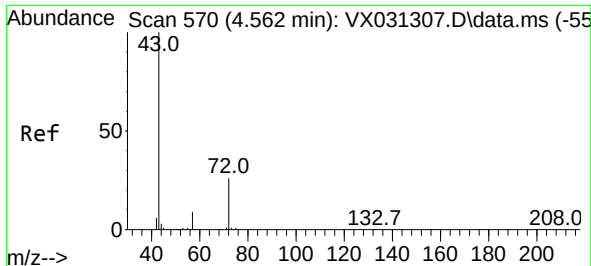
Tgt Ion: 84 Resp: 41
Ion Ratio Lower Upper
84 100
49 314.0 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.105 min Scan# 331
Delta R.T. 0.012 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#

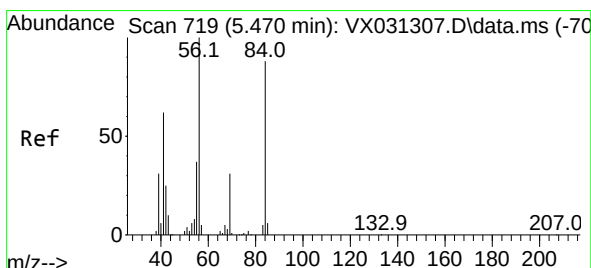
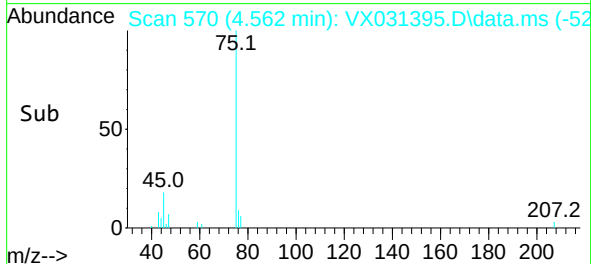
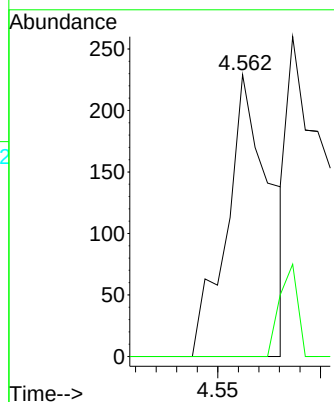
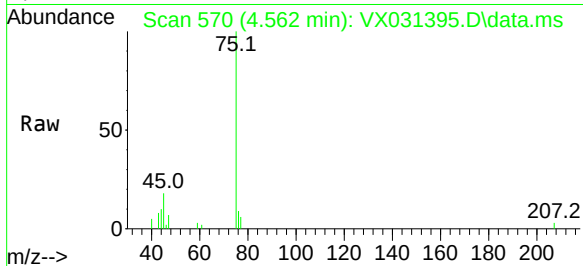




#25
2-Butanone
Concen: 0.216 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

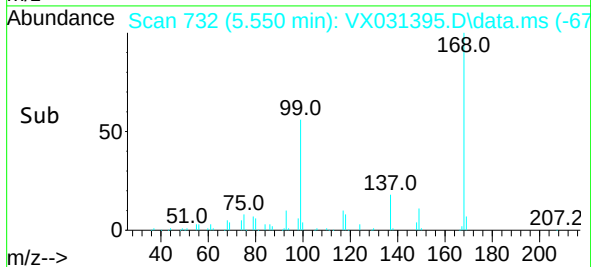
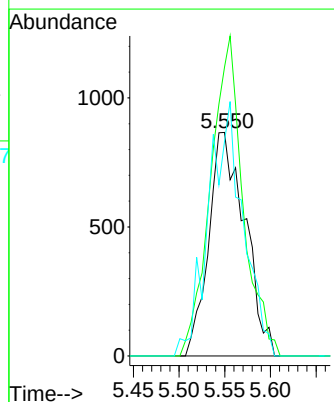
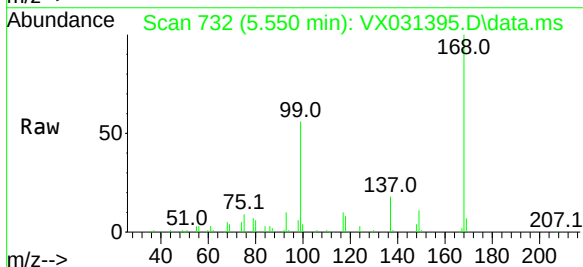
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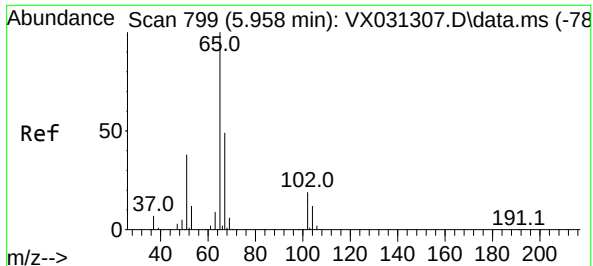
Tgt Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#31
Cyclohexane
Concen: 1.007 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

Tgt Ion: 56 Resp: 2376
Ion Ratio Lower Upper
56 100
69 129.2 25.1 37.7#
84 96.0 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 42.351 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031395.D

Acq: 16 Sep 2022 08:32

Instrument :

MSVOA_X

ClientSampleId :

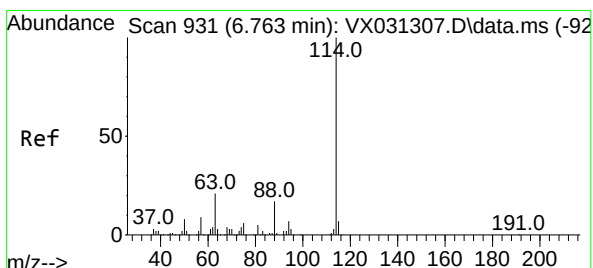
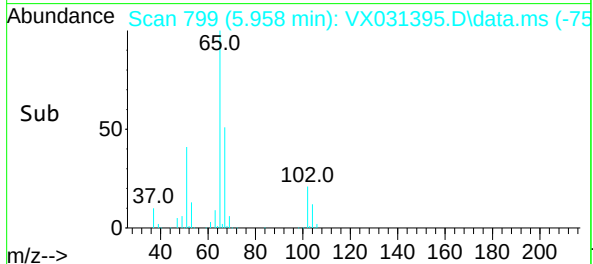
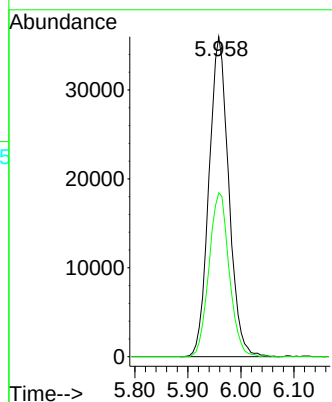
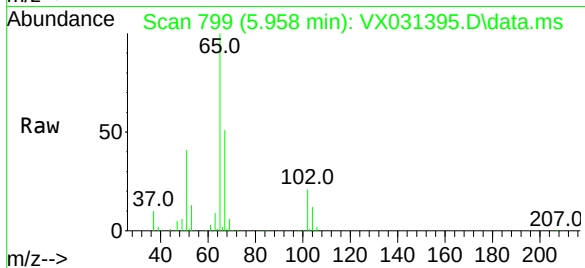
MW6

Tgt Ion: 65 Resp: 93038

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031395.D

Acq: 16 Sep 2022 08:32

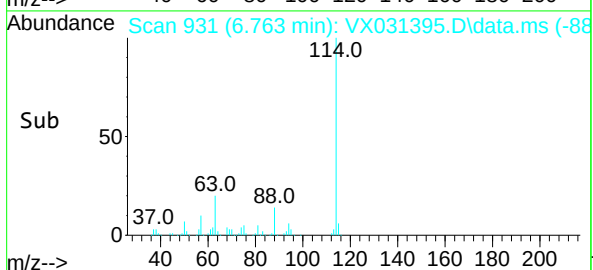
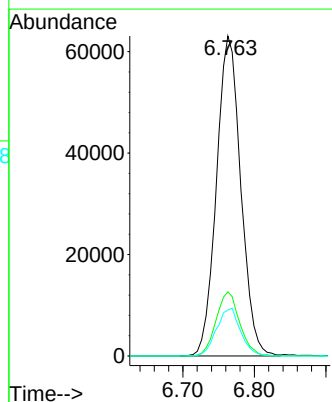
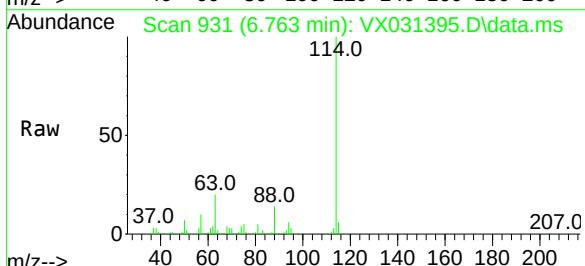
Tgt Ion: 114 Resp: 149094

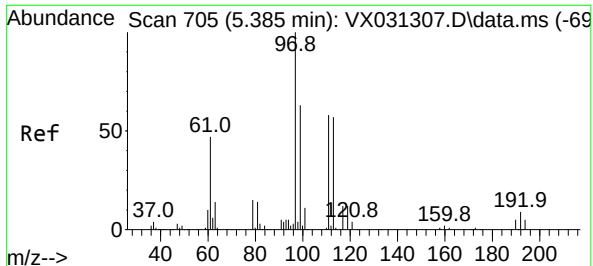
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 14.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.448 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031395.D

Acq: 16 Sep 2022 08:32

Instrument :

MSVOA_X

ClientSampleId :

MW6

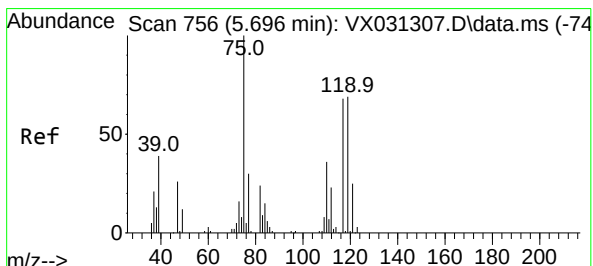
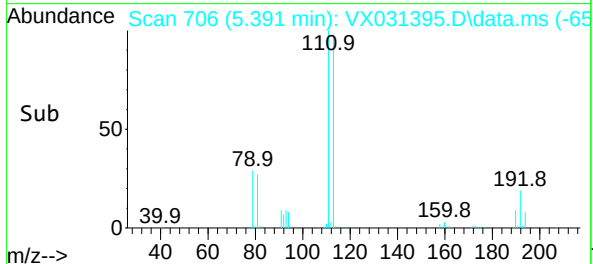
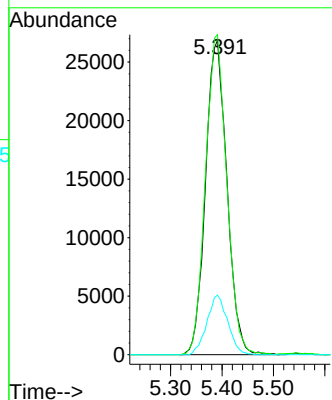
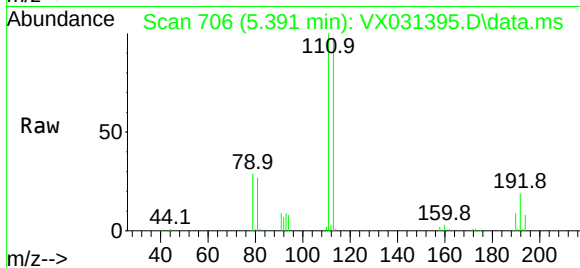
Tgt Ion:113 Resp: 77645

Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

192 18.4 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.376 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX031395.D

Acq: 16 Sep 2022 08:32

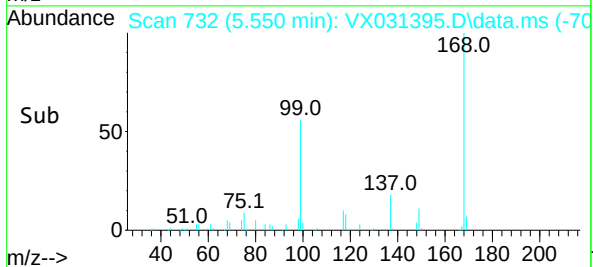
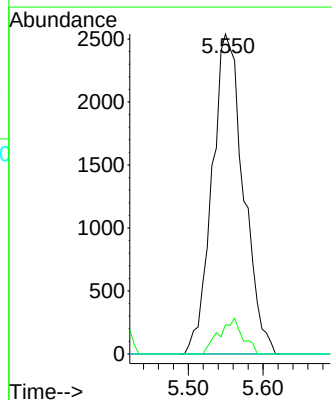
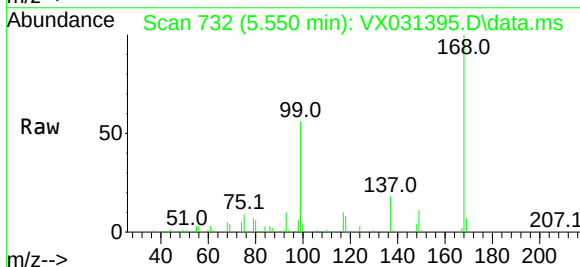
Tgt Ion: 75 Resp: 7405

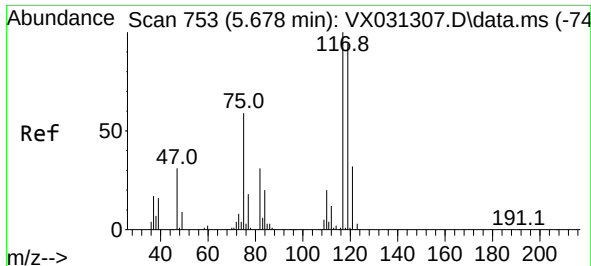
Ion Ratio Lower Upper

75 100

110 8.4 17.5 52.5#

77 0.0 24.9 37.3#

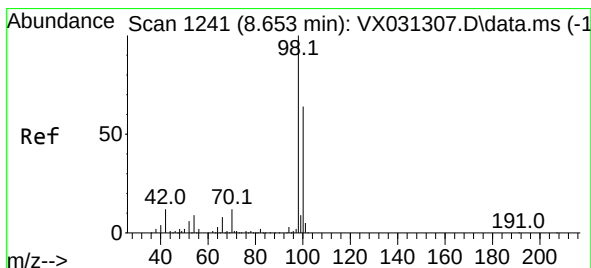
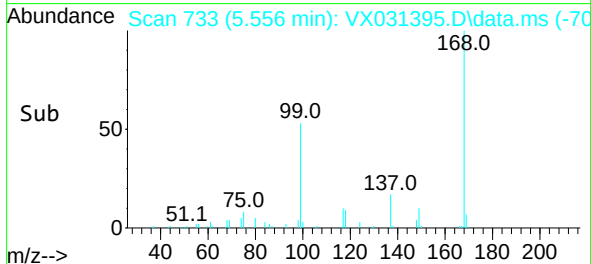
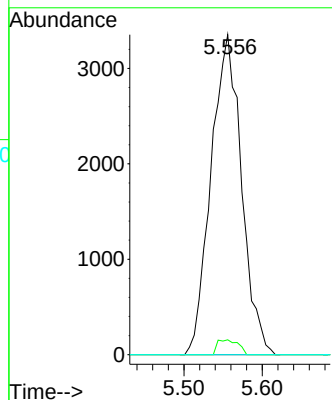
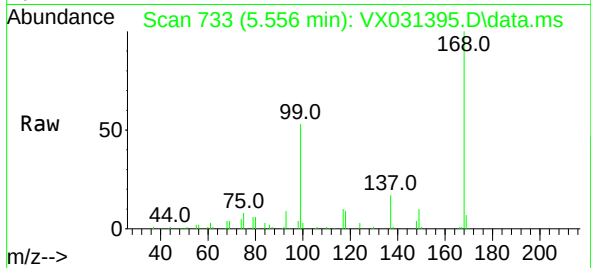




#38
Carbon Tetrachloride
Concen: 3.802 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

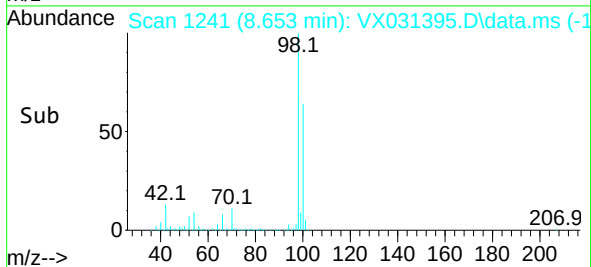
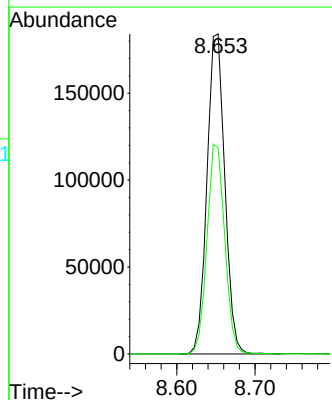
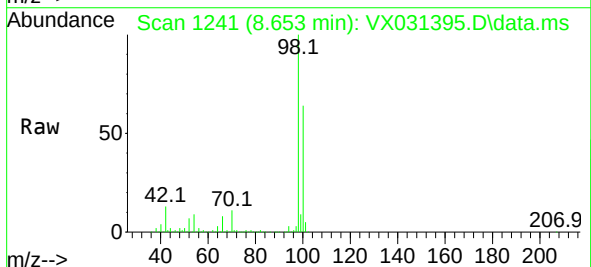
Instrument :
MSVOA_X
ClientSampleId :
MW6

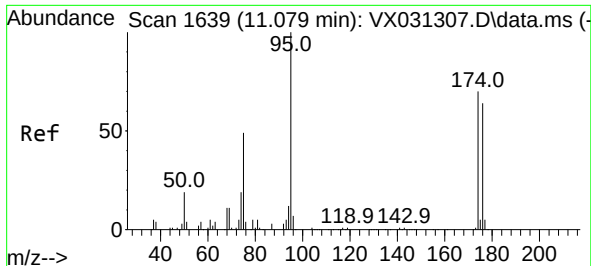
Tgt Ion:117 Resp: 9066
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.269 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

Tgt Ion: 98 Resp: 290182
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

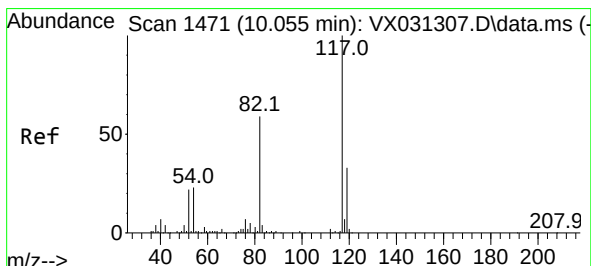
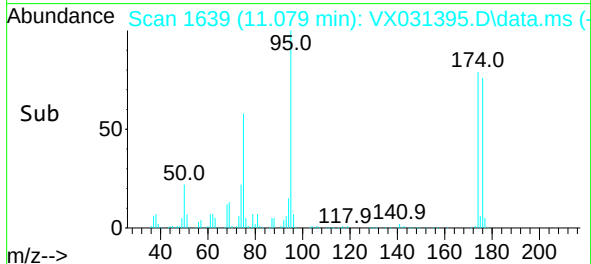
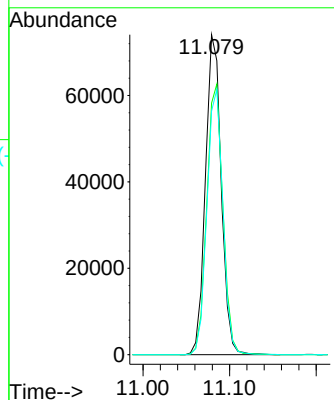
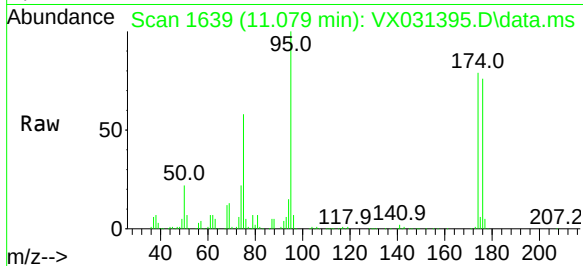




#62
4-Bromofluorobenzene
Concen: 42.509 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

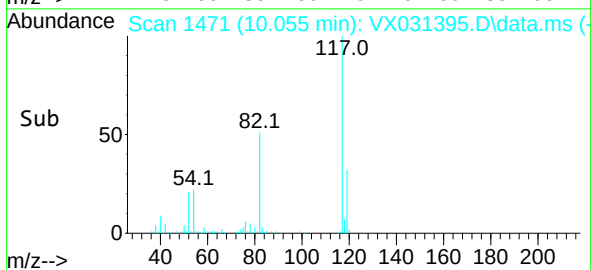
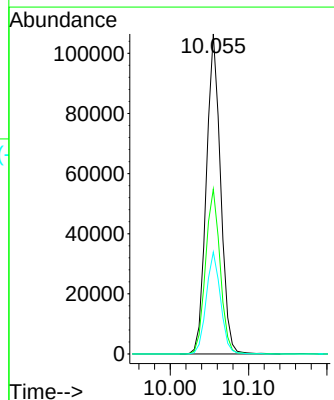
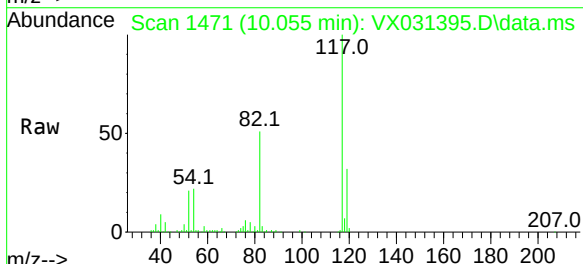
Instrument :
MSVOA_X
ClientSampleId :
MW6

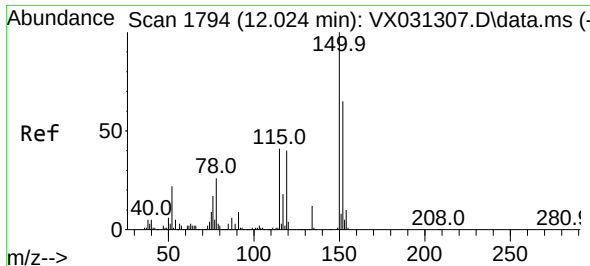
Tgt Ion: 95 Resp: 93582
Ion Ratio Lower Upper
95 100
174 86.5 0.0 153.2
176 84.0 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031395.D
Acq: 16 Sep 2022 08:32

Tgt Ion: 117 Resp: 133991
Ion Ratio Lower Upper
117 100
82 51.5 46.8 70.2
119 31.9 26.4 39.6

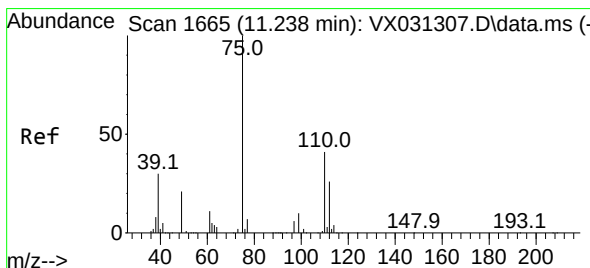
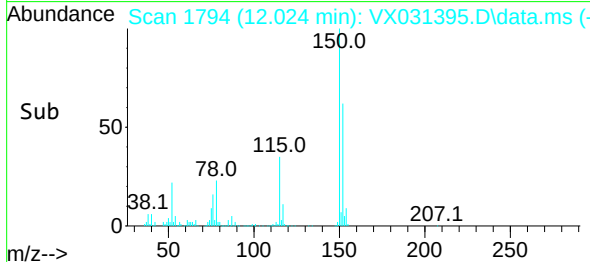
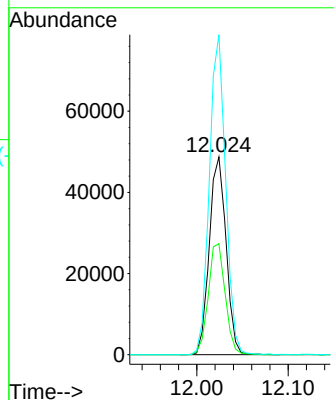
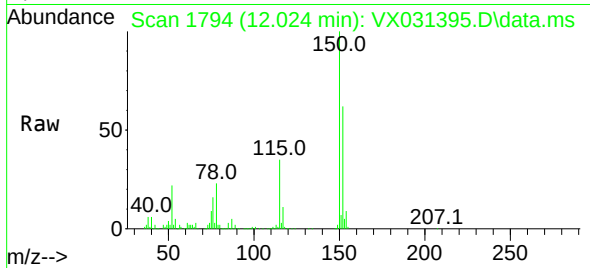




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031395.D
 Acq: 16 Sep 2022 08:32

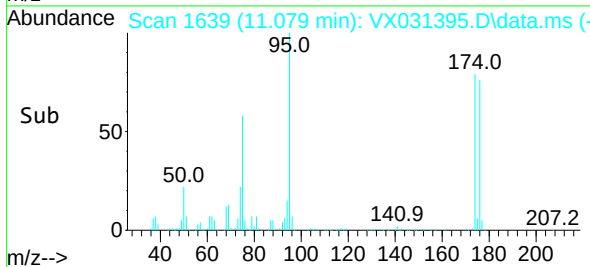
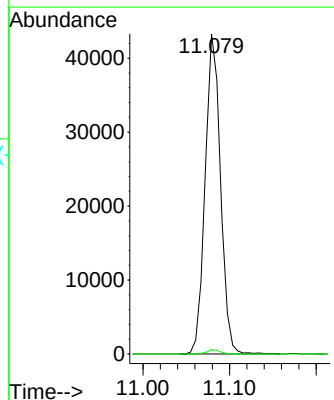
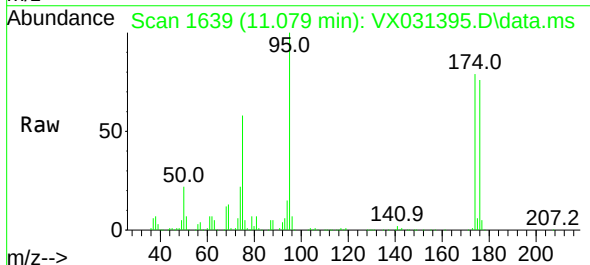
Instrument :
 MSVOA_X
 ClientSampleId :
 MW6

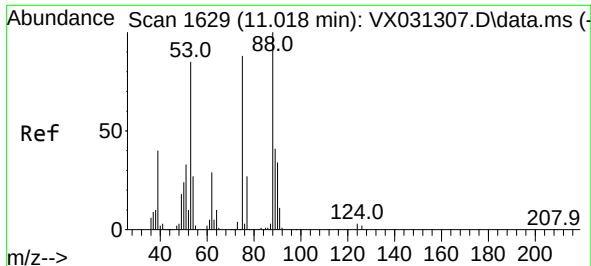
Tgt Ion:152 Resp: 62063
 Ion Ratio Lower Upper
 152 100
 115 56.6 43.4 130.1
 150 156.4 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 34.095 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031395.D
 Acq: 16 Sep 2022 08:32

Tgt Ion: 75 Resp: 53324
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.3 60.9#

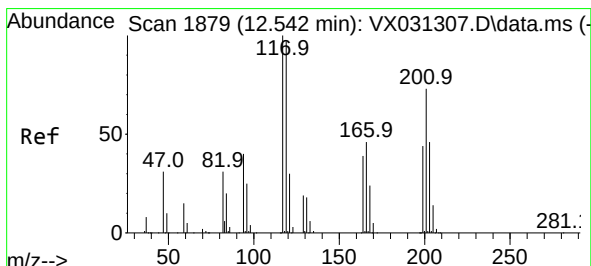
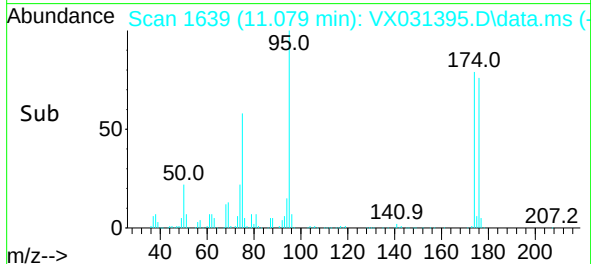
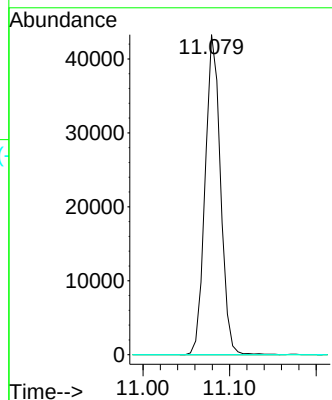
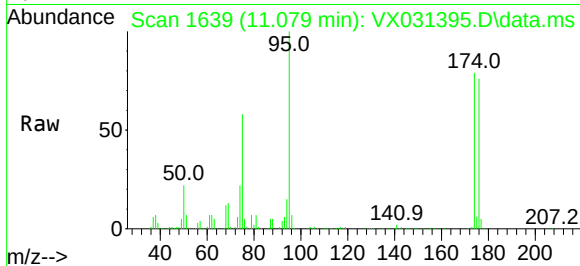




#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.341 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031395.D
 Acq: 16 Sep 2022 08:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW6

Tgt Ion: 75 Resp: 53324
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#



#90
 Hexachloroethane
 Concen: 0.877 ug/l
 RT: 12.646 min Scan# 1896
 Delta R.T. 0.104 min
 Lab File: VX031395.D
 Acq: 16 Sep 2022 08:32

Tgt Ion: 117 Resp: 687
 Ion Ratio Lower Upper
 117 100
 201 0.0 34.8 104.4#

