

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030823.D
 Acq On : 26 Aug 2022 14:40
 Operator : JC/MD
 Sample : N4245-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20220816DL

Quant Time: Aug 27 02:39:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

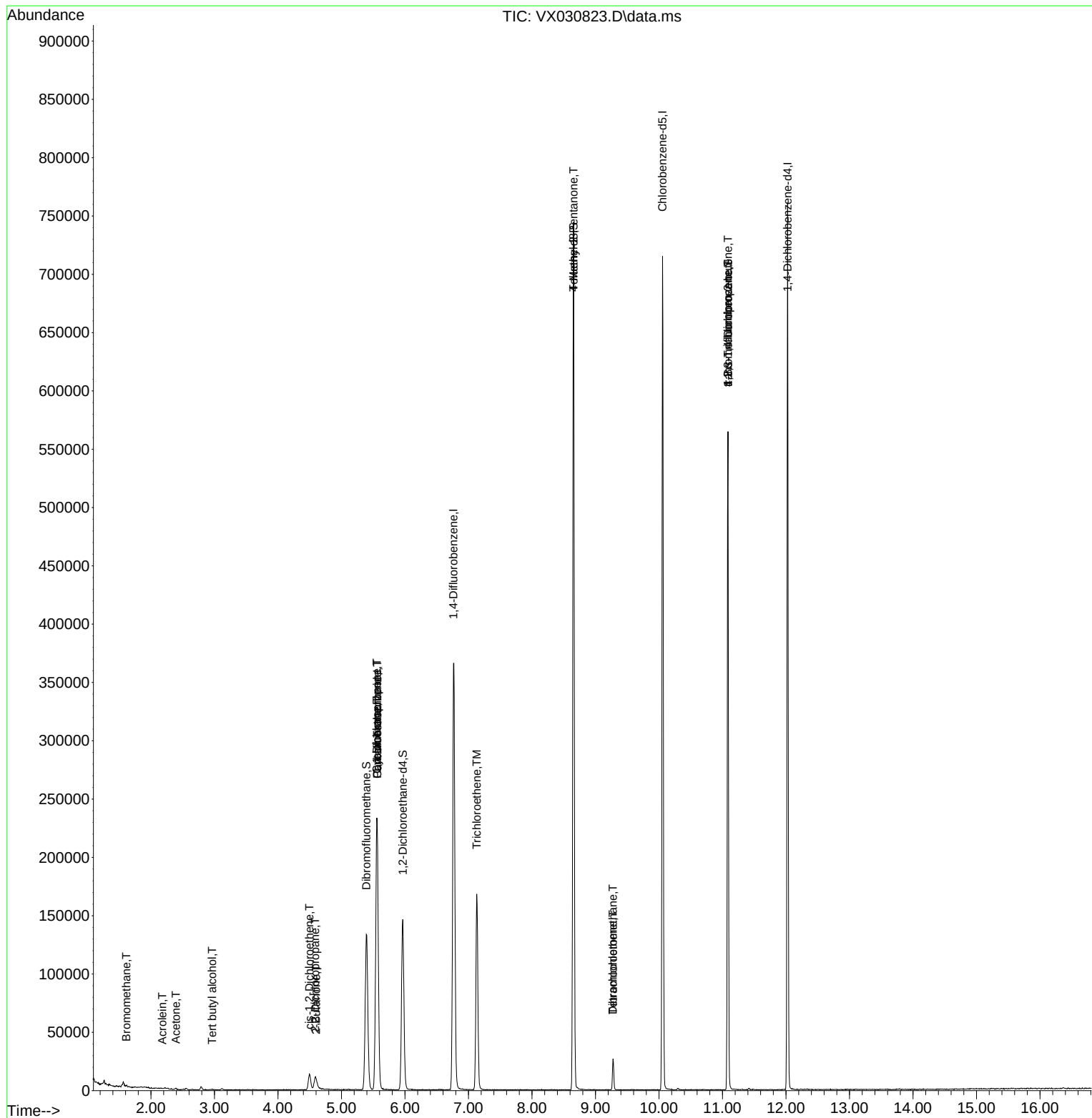
Internal Standards						
1) Pentafluorobenzene	5.562	168	222584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	383834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140313	53.592	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.180%	
35) Dibromofluoromethane	5.391	113	119277	50.563	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.120%	
50) Toluene-d8	8.653	98	447798	54.475	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.940%	
62) 4-Bromofluorobenzene	11.085	95	148400	48.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	257	Below Cal	#	74
4) Vinyl Chloride	1.374	62	59	Below Cal	#	58
5) Bromomethane	1.612	94	289	0.279	ug/l #	63
6) Chloroethane	1.679	64	30	Below Cal	#	41
11) Tert butyl alcohol	2.965	59	515	0.906	ug/l #	74
13) Acrolein	2.179	56	23	10.096	ug/l #	14
16) Acetone	2.392	43	933	0.771	ug/l #	85
17) Carbon Disulfide	2.514	76	402	Below Cal	#	74
20) Methylene Chloride	2.788	84	1213	Below Cal		91
25) 2-Butanone	4.599	43	1056	0.542	ug/l #	48
26) 2,2-Dichloropropane	4.587	77	963	0.313	ug/l #	49
27) cis-1,2-Dichloroethene	4.495	96	9095	3.397	ug/l	91
31) Cyclohexane	5.556	56	4587	1.370	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17714	5.514	ug/l #	48
38) Carbon Tetrachloride	5.562	117	22528	6.649	ug/l #	16
44) Trichloroethene	7.129	130	67648	24.364	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	1922	0.497	ug/l #	1
60) Dibromochloromethane	9.275	129	4823	1.735	ug/l #	11
64) Tetrachloroethene	9.275	164	4991	1.862	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	73756	21.483	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	73756	69.312	ug/l #	13

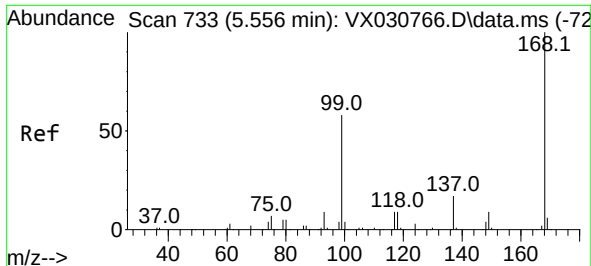
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20220816DL

Quant Time: Aug 27 02:39:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

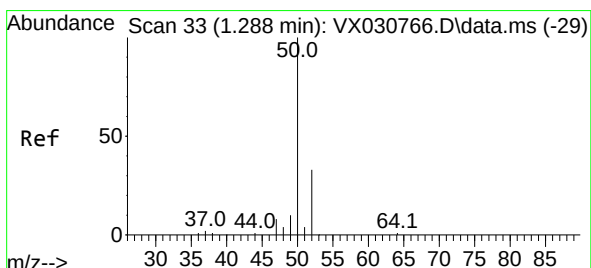
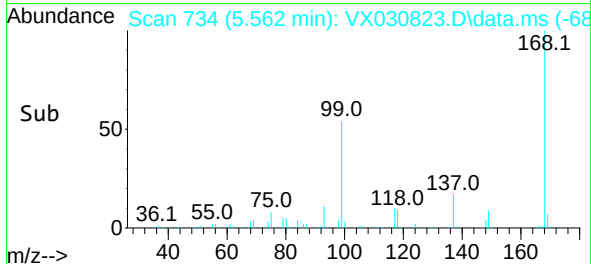
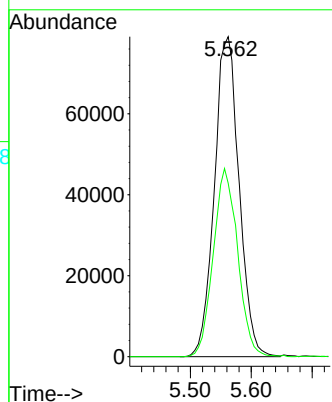
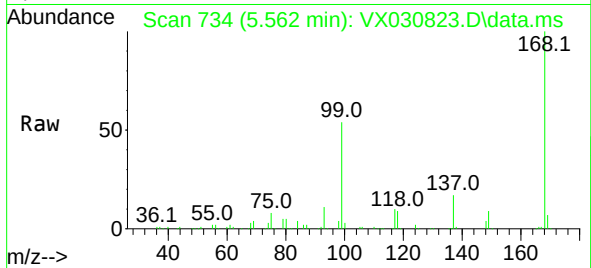




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030823.D
Acq: 26 Aug 2022 14:40

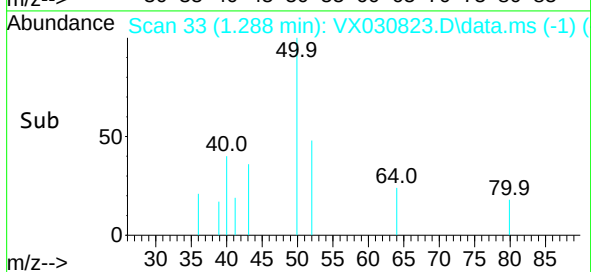
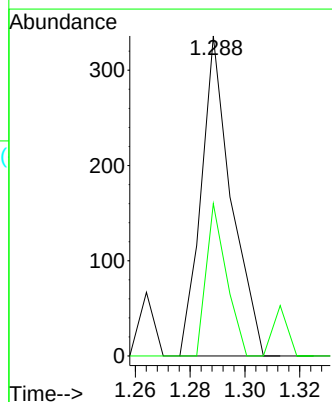
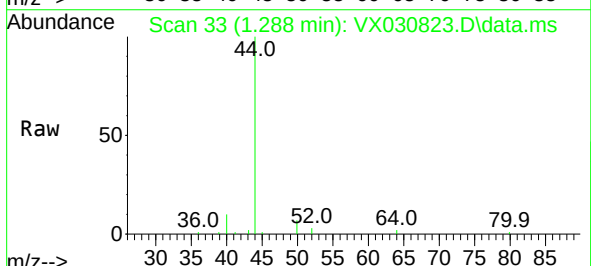
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20220816DL

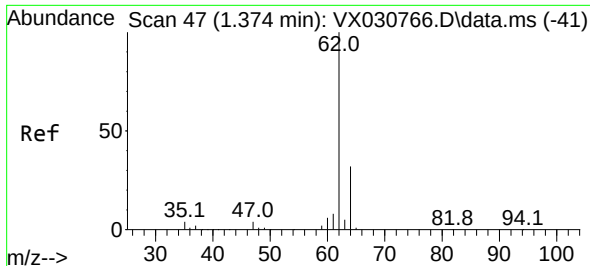
Tgt Ion:168 Resp: 222584
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030823.D
Acq: 26 Aug 2022 14:40

Tgt Ion: 50 Resp: 257
Ion Ratio Lower Upper
50 100
52 47.6 26.3 39.5

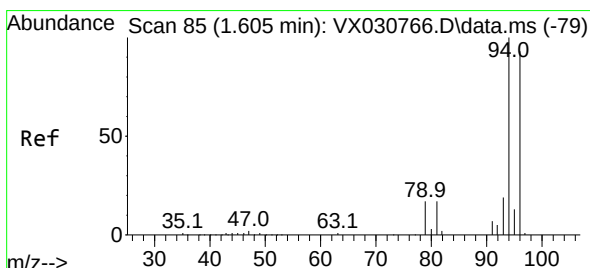
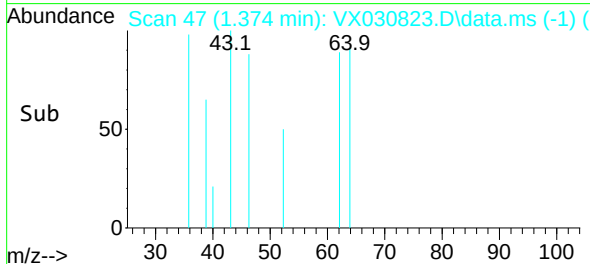
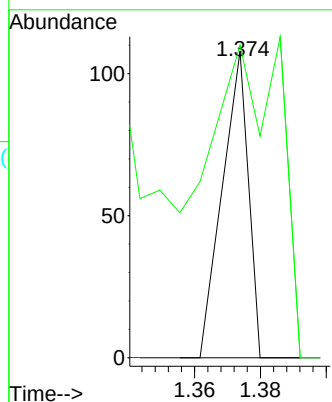
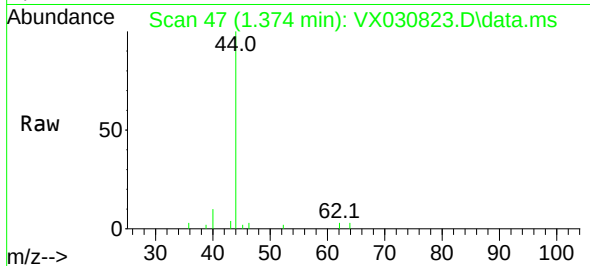




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030823.D
 Acq: 26 Aug 2022 14:40

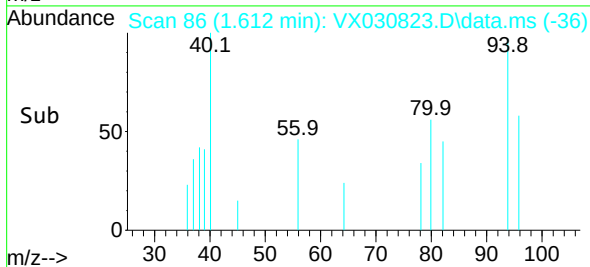
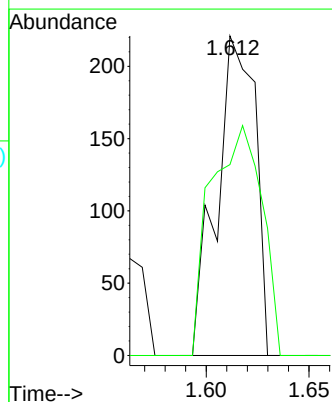
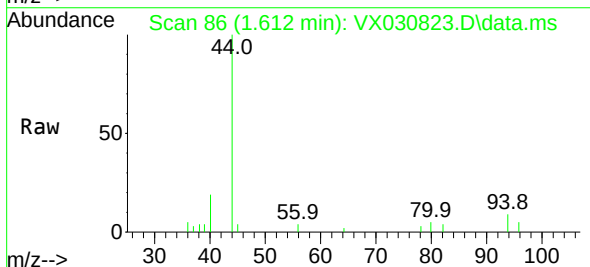
Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20220816DL

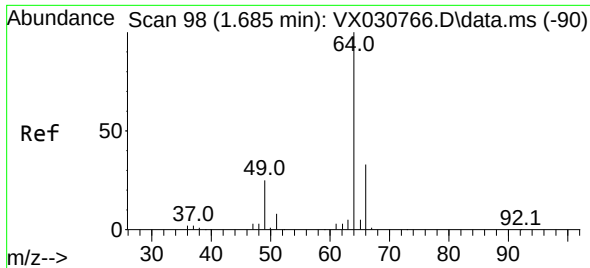
Tgt Ion: 62 Resp: 59
 Ion Ratio Lower Upper
 62 100
 64 54.6 25.2 37.8#



#5
 Bromomethane
 Concen: 0.279 ug/l
 RT: 1.612 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030823.D
 Acq: 26 Aug 2022 14:40

Tgt Ion: 94 Resp: 289
 Ion Ratio Lower Upper
 94 100
 96 59.7 76.9 115.3#

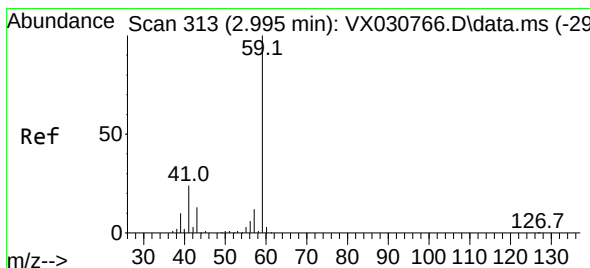
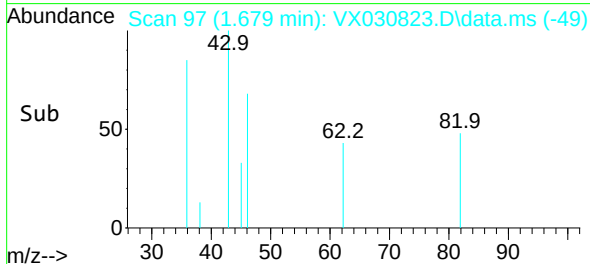
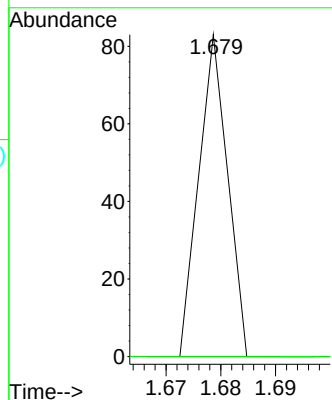
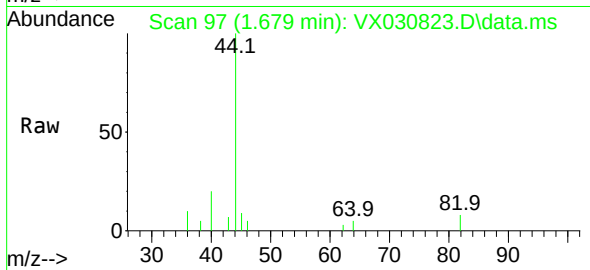




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030823.D
Acq: 26 Aug 2022 14:40

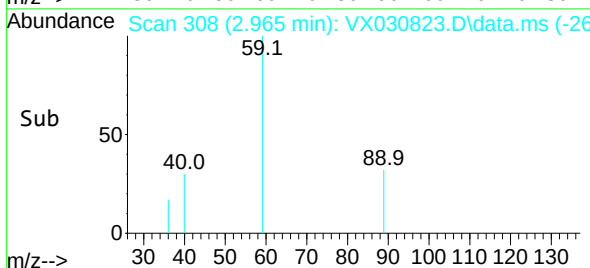
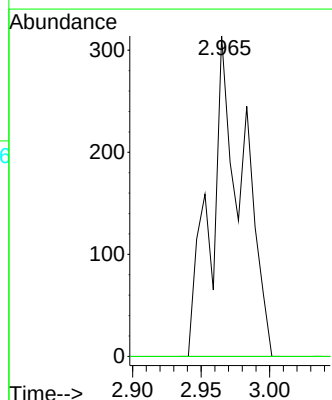
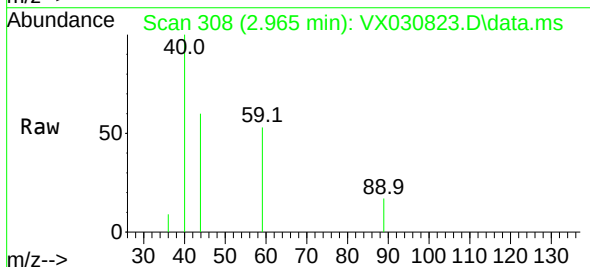
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20220816DL

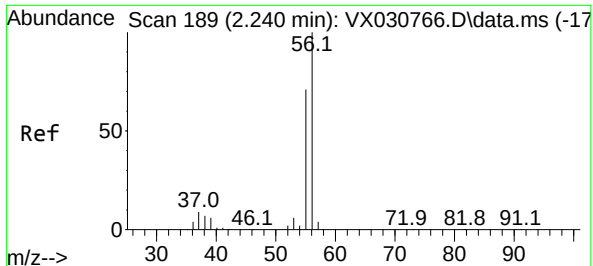
Tgt Ion: 64 Resp: 30
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#11
Tert butyl alcohol
Concen: 0.906 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.030 min
Lab File: VX030823.D
Acq: 26 Aug 2022 14:40

Tgt Ion: 59 Resp: 515
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

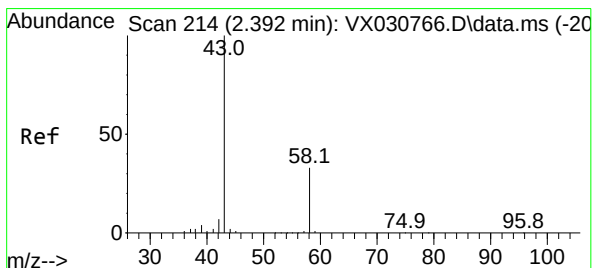
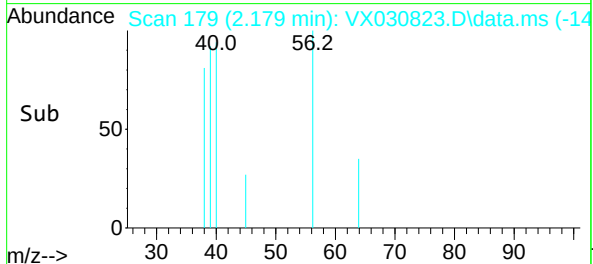
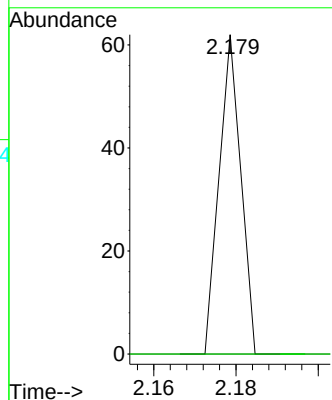
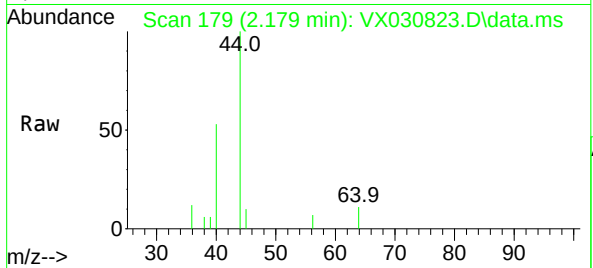




#13
Acrolein
Concen: 10.096 ug/l
RT: 2.179 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX030823.D
Acq: 26 Aug 2022 14:40

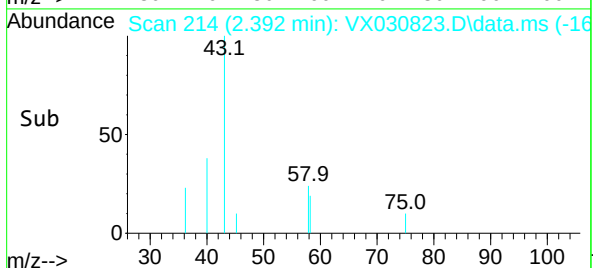
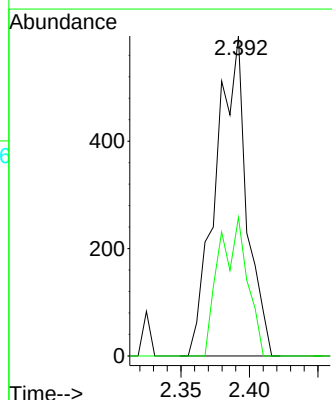
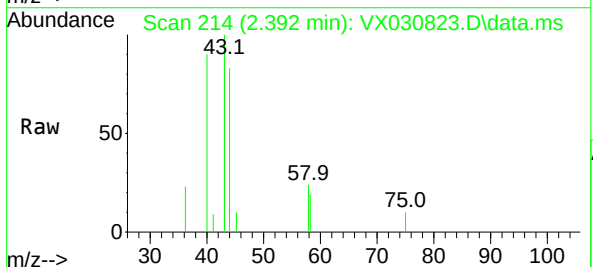
Instrument :
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ClientSampleId :
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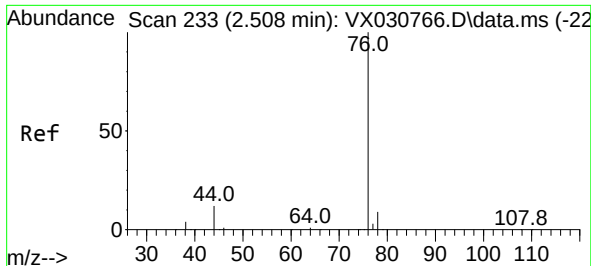
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 0.771 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030823.D
Acq: 26 Aug 2022 14:40

Tgt Ion: 43 Resp: 933
Ion Ratio Lower Upper
43 100
58 43.3 27.7 41.5#





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030823.D

Acq: 26 Aug 2022 14:40

Instrument :

MSVOA_X

ClientSampleId :

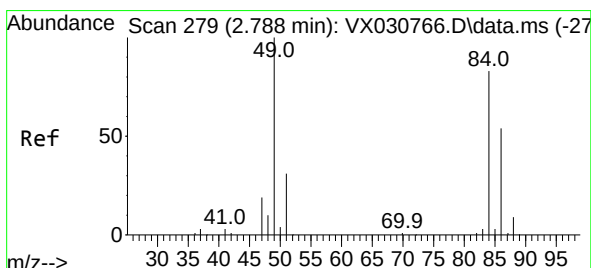
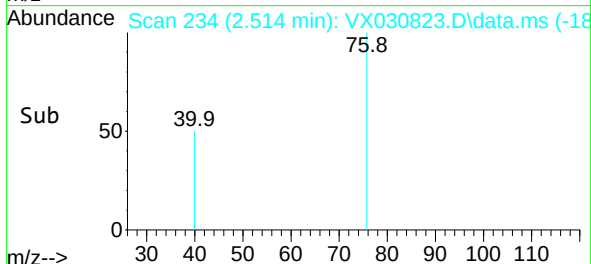
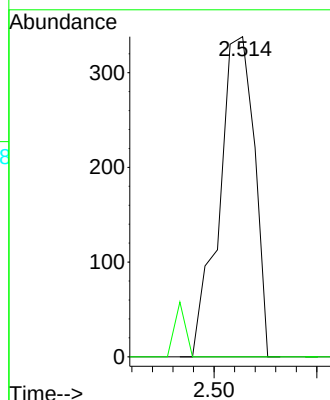
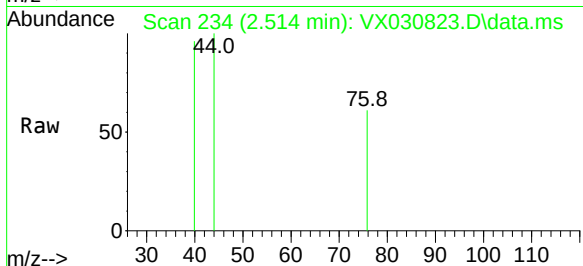
MW179D1-20220816DL

Tgt Ion: 76 Resp: 402

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX030823.D

Acq: 26 Aug 2022 14:40

Tgt Ion: 84 Resp: 1213

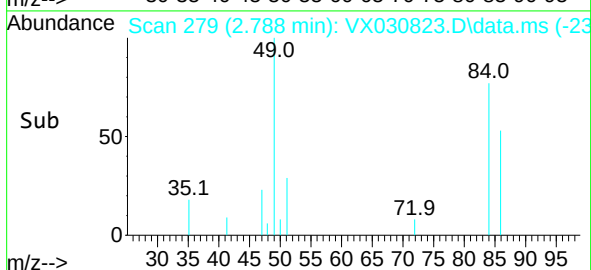
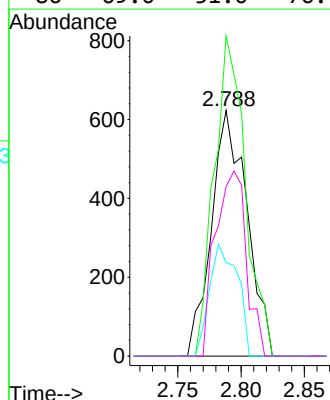
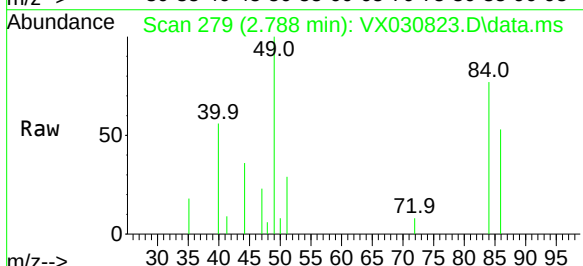
Ion Ratio Lower Upper

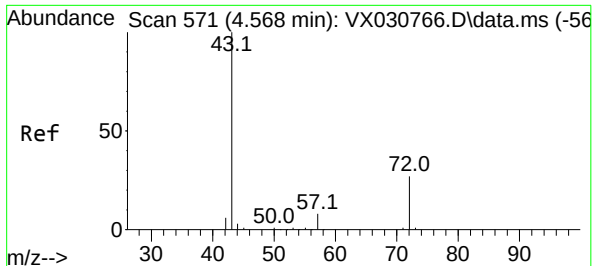
84 100

49 130.3 93.8 140.6

51 38.0 29.4 44.0

86 69.0 51.0 76.4

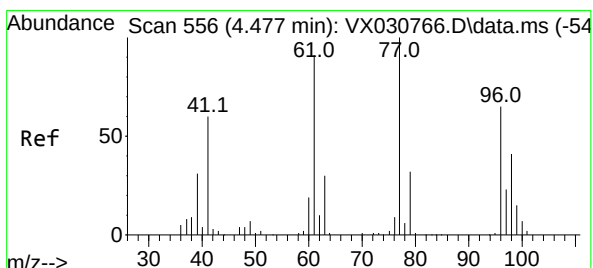
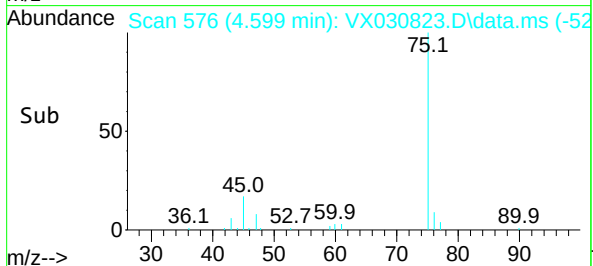
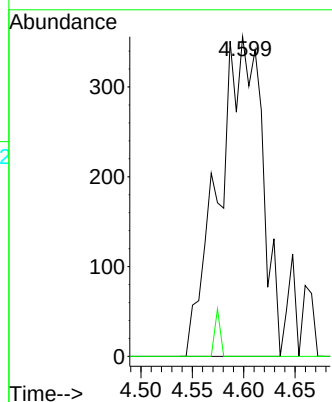
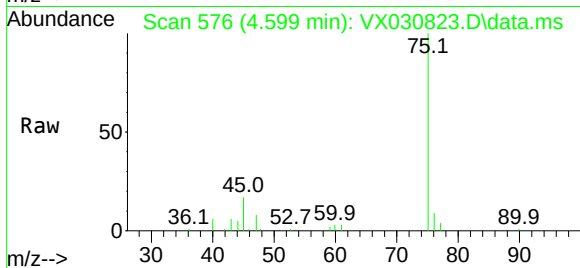




#25
2-Butanone
Concen: 0.542 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX030823.D
Acq: 26 Aug 2022 14:40

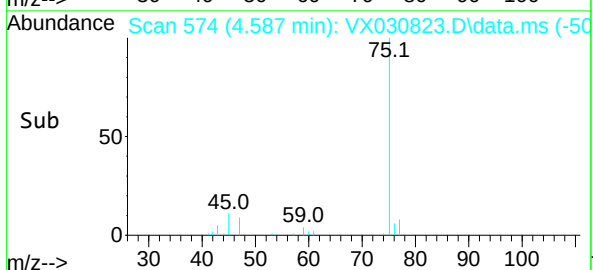
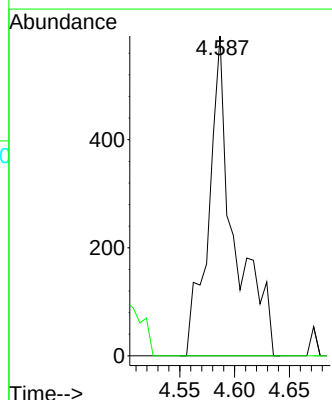
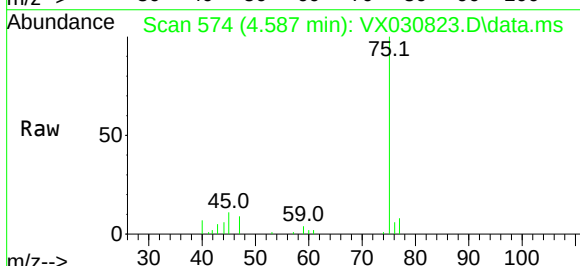
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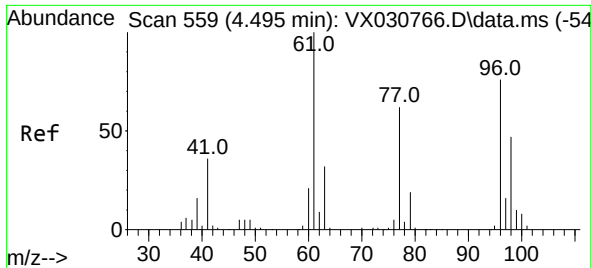
Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 0.313 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.110 min
Lab File: VX030823.D
Acq: 26 Aug 2022 14:40

Tgt Ion: 77 Resp: 963
Ion Ratio Lower Upper
77 100
97 0.0 13.0 39.0#

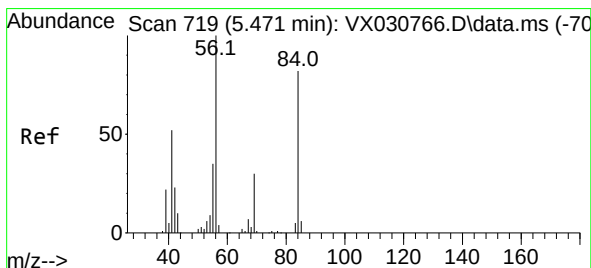
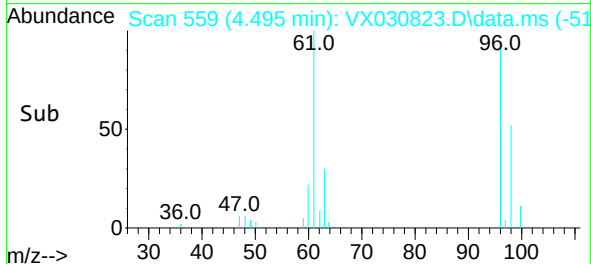
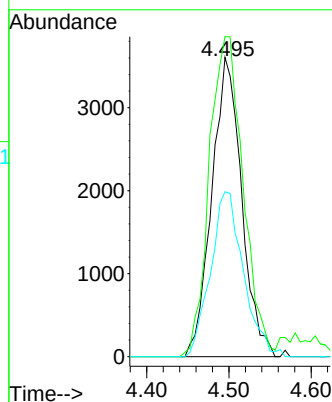
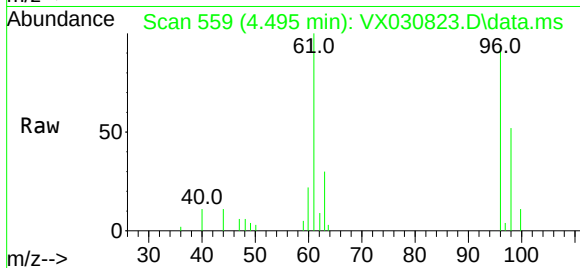




#27
 cis-1,2-Dichloroethene
 Concen: 3.397 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX030823.D
 Acq: 26 Aug 2022 14:40

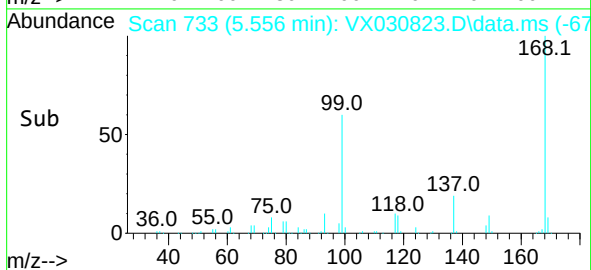
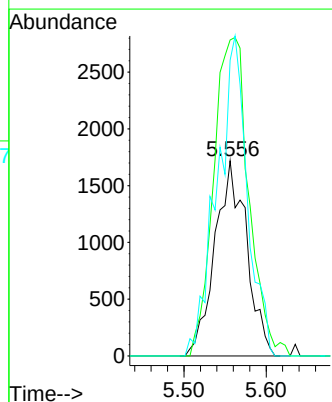
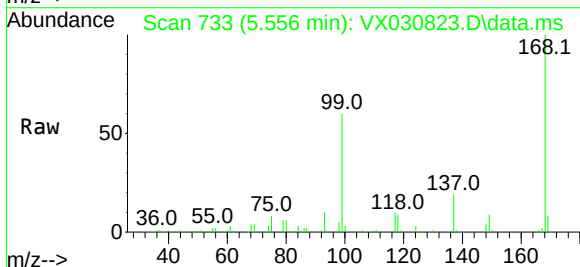
Instrument :
 MSVOA_X
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 MW179D1-20220816DL

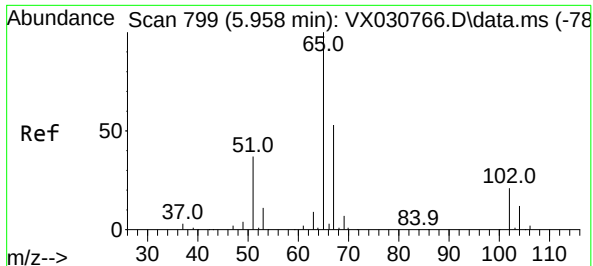
Tgt Ion: 96 Resp: 9095
 Ion Ratio Lower Upper
 96 100
 61 121.1 0.0 270.0
 98 60.6 0.0 127.8



#31
 Cyclohexane
 Concen: 1.370 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.085 min
 Lab File: VX030823.D
 Acq: 26 Aug 2022 14:40

Tgt Ion: 56 Resp: 4587
 Ion Ratio Lower Upper
 56 100
 69 161.9 25.4 38.0#
 84 151.5 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.592 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030823.D

Acq: 26 Aug 2022 14:40

Instrument :

MSVOA_X

ClientSampleId :

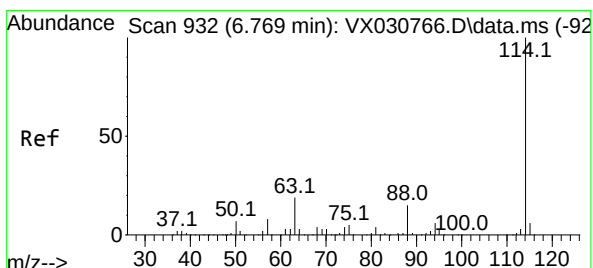
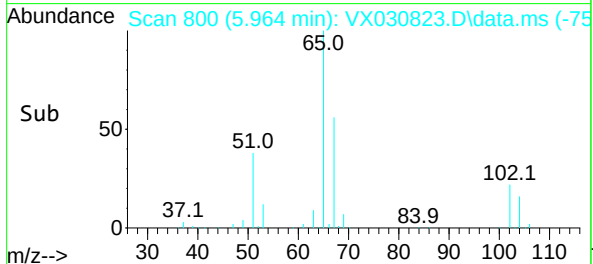
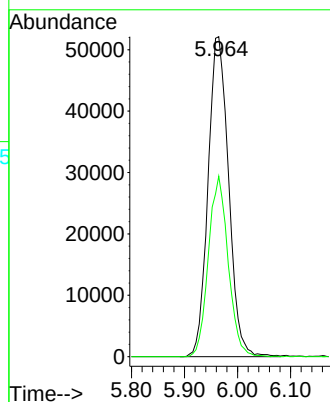
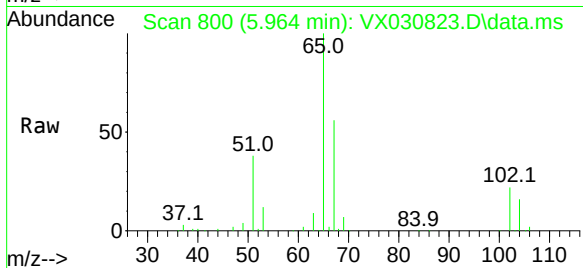
MW179D1-20220816DL

Tgt Ion: 65 Resp: 140313

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030823.D

Acq: 26 Aug 2022 14:40

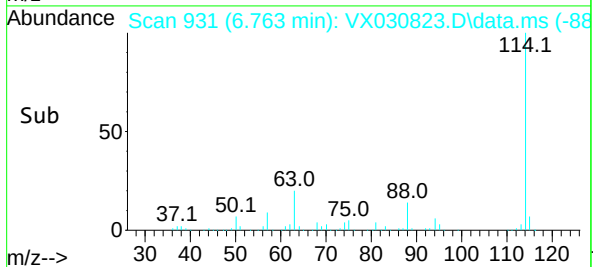
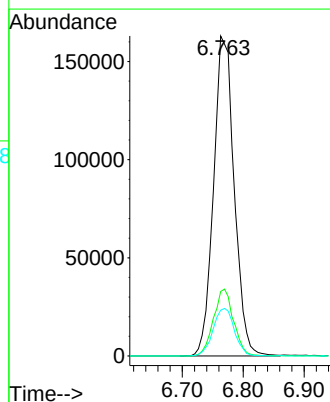
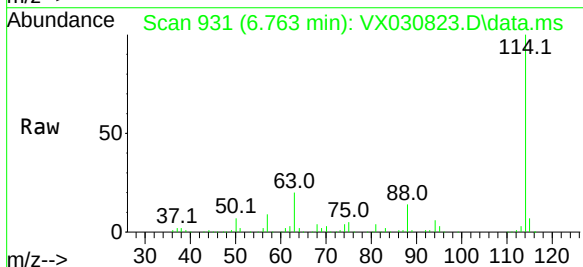
Tgt Ion: 114 Resp: 383834

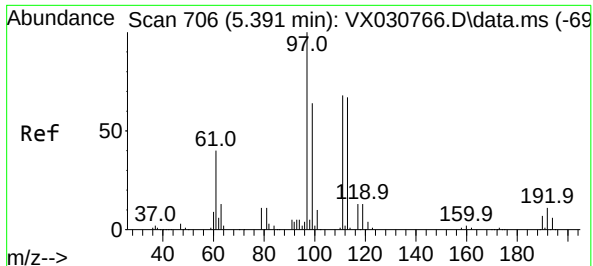
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

88 14.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.563 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030823.D

Acq: 26 Aug 2022 14:40

Instrument :

MSVOA_X

ClientSampleId :

MW179D1-20220816DL

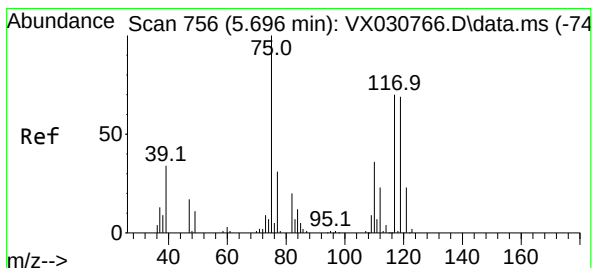
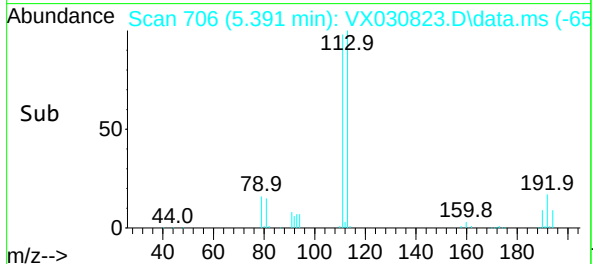
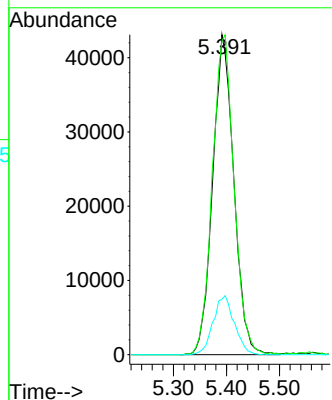
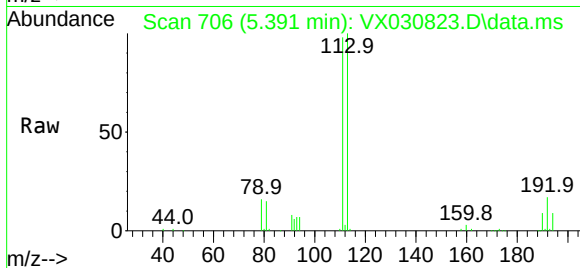
Tgt Ion:113 Resp: 119277

Ion Ratio Lower Upper

113 100

111 102.4 83.2 124.8

192 18.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.514 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030823.D

Acq: 26 Aug 2022 14:40

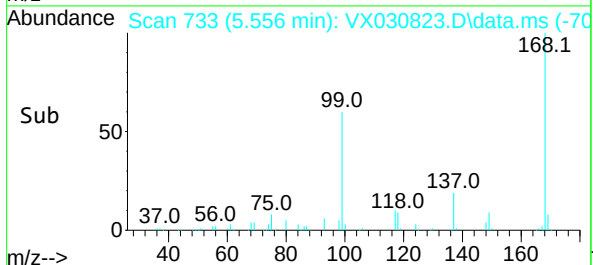
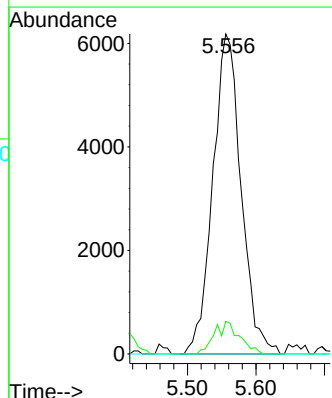
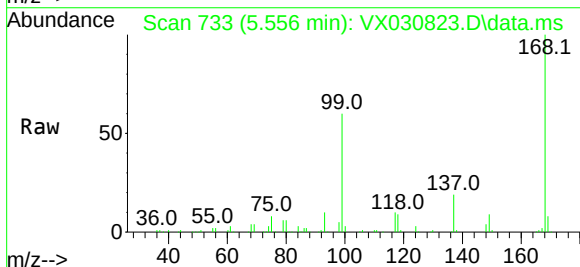
Tgt Ion: 75 Resp: 17714

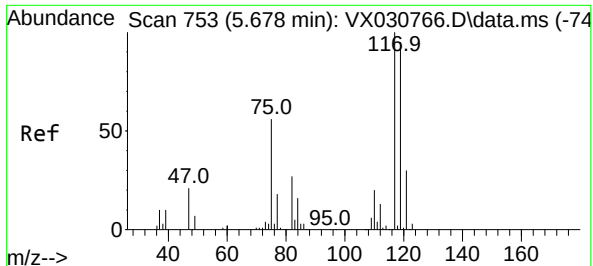
Ion Ratio Lower Upper

75 100

110 9.1 19.3 57.9#

77 0.0 24.4 36.6#

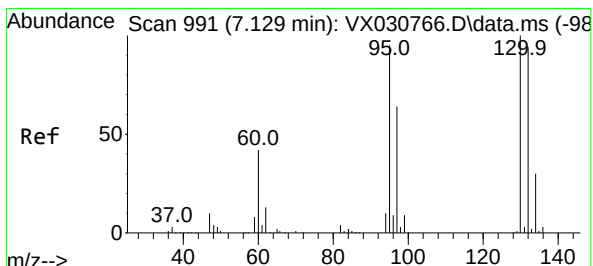
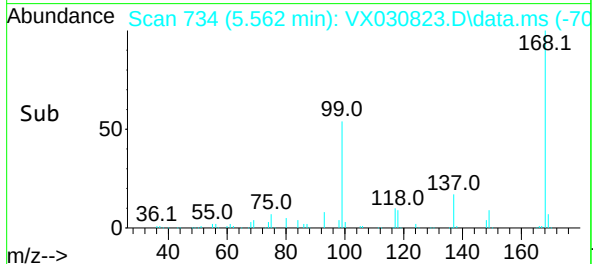
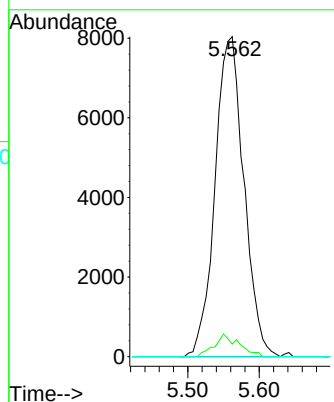
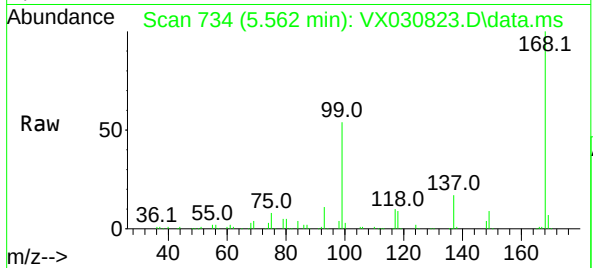




#38
Carbon Tetrachloride
Concen: 6.649 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX030823.D
Acq: 26 Aug 2022 14:40

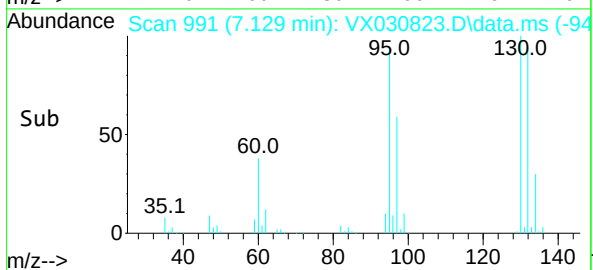
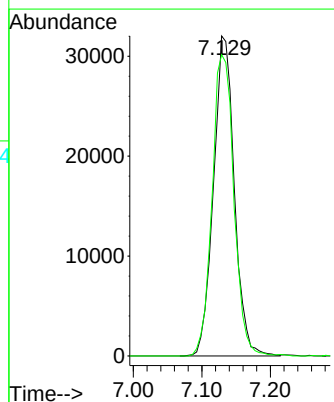
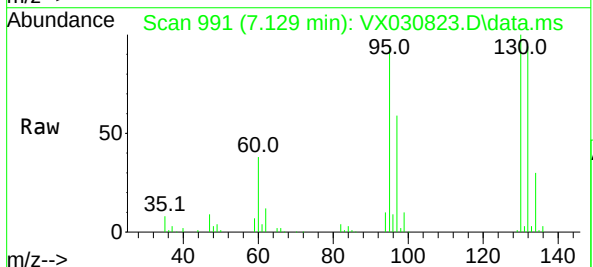
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20220816DL

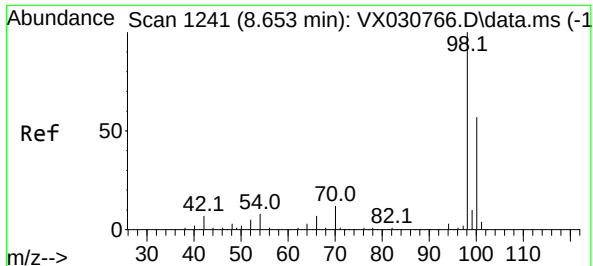
Tgt Ion:117 Resp: 22528
Ion Ratio Lower Upper
117 100
119 3.9 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 24.364 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030823.D
Acq: 26 Aug 2022 14:40

Tgt Ion:130 Resp: 67648
Ion Ratio Lower Upper
130 100
95 94.2 0.0 194.8





#50

Toluene-d8

Concen: 54.475 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030823.D

Acq: 26 Aug 2022 14:40

Instrument :

MSVOA_X

ClientSampleId :

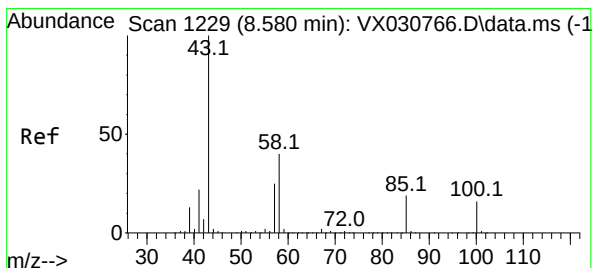
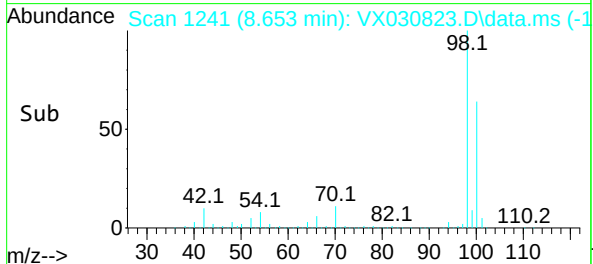
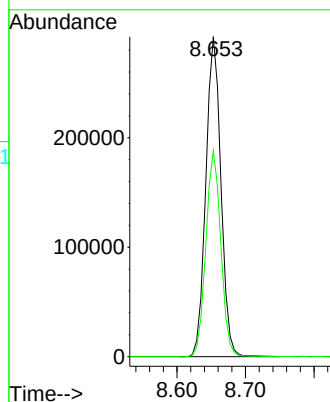
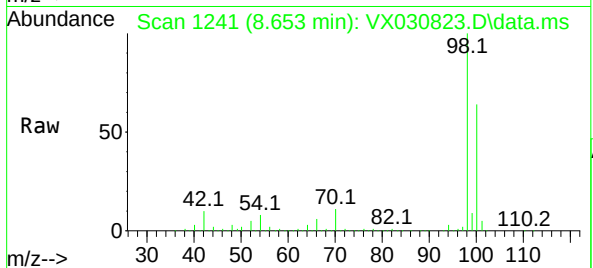
MW179D1-20220816DL

Tgt Ion: 98 Resp: 447798

Ion Ratio Lower Upper

98 100

100 63.7 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.497 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX030823.D

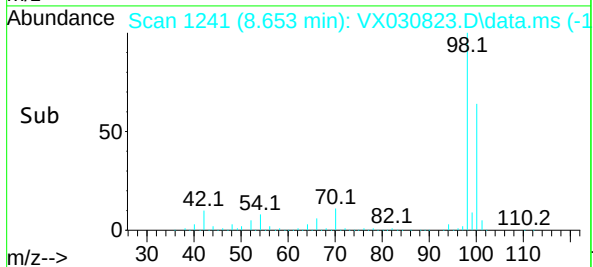
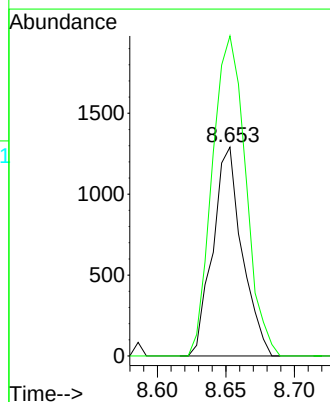
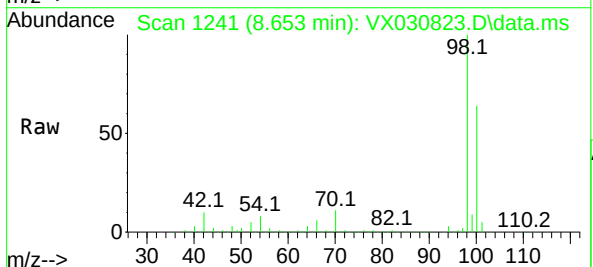
Acq: 26 Aug 2022 14:40

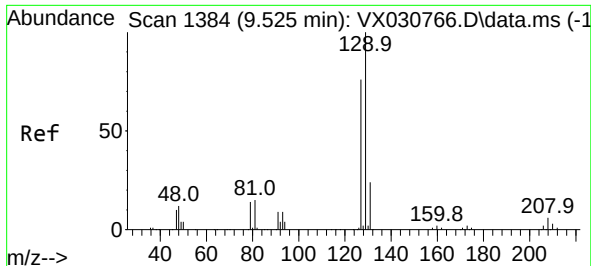
Tgt Ion: 43 Resp: 1922

Ion Ratio Lower Upper

43 100

58 174.3 31.4 47.2#

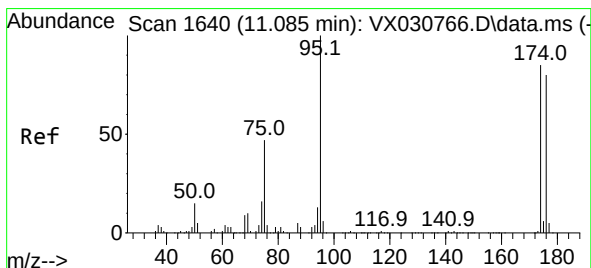
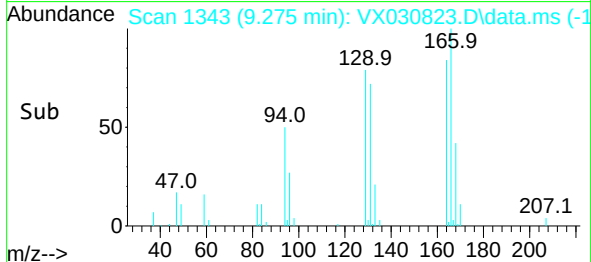
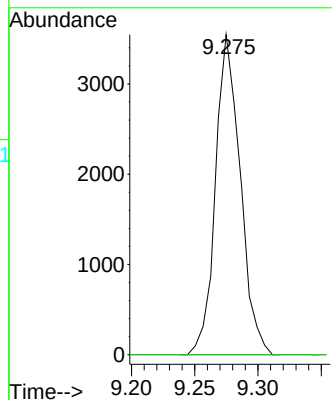
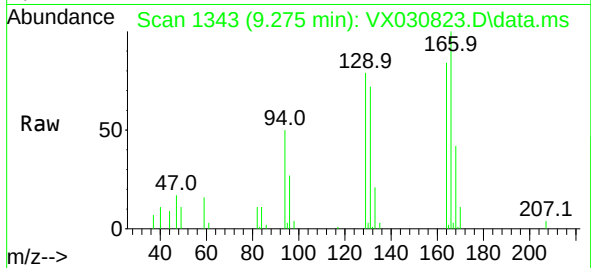




#60
Dibromochloromethane
Concen: 1.735 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030823.D
Acq: 26 Aug 2022 14:40

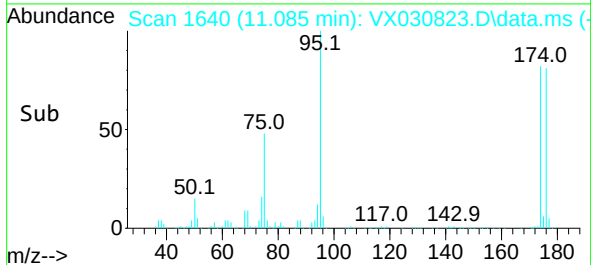
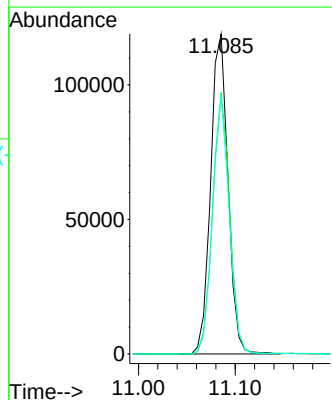
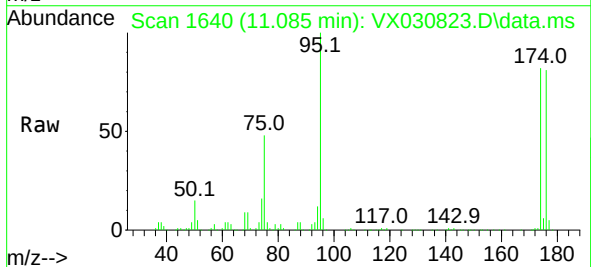
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20220816DL

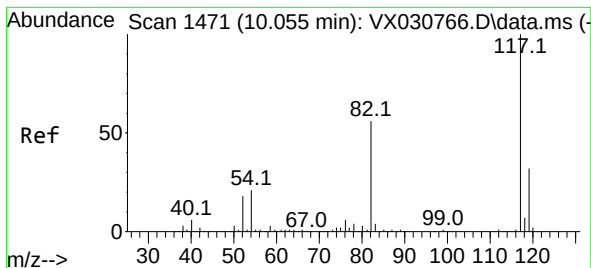
Tgt Ion:129 Resp: 4823
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 48.490 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030823.D
Acq: 26 Aug 2022 14:40

Tgt Ion: 95 Resp: 148400
Ion Ratio Lower Upper
95 100
174 81.2 0.0 149.0
176 77.3 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: VX030823.D

Acq: 26 Aug 2022 14:40

Instrument :

MSVOA_X

ClientSampleId :

MW179D1-20220816DL

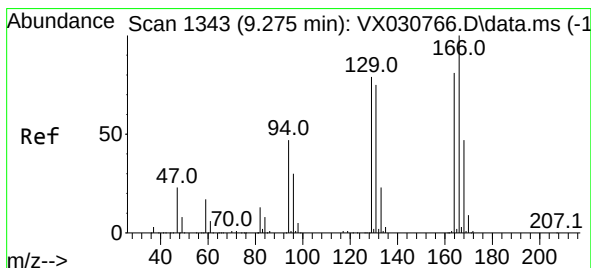
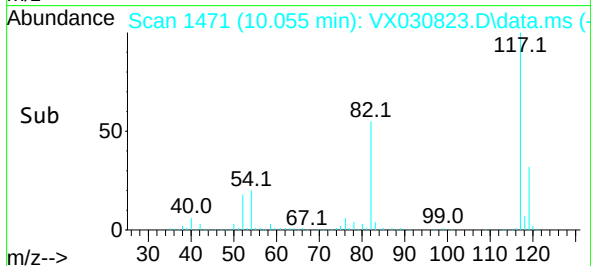
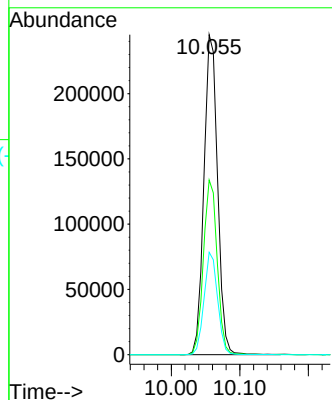
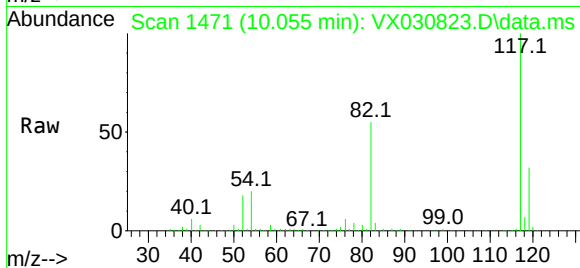
Tgt Ion:117 Resp: 340273

Ion Ratio Lower Upper

117 100

82 54.6 42.7 64.1

119 32.0 25.4 38.2



#64

Tetrachloroethene

Concen: 1.862 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX030823.D

Acq: 26 Aug 2022 14:40

Tgt Ion:164 Resp: 4991

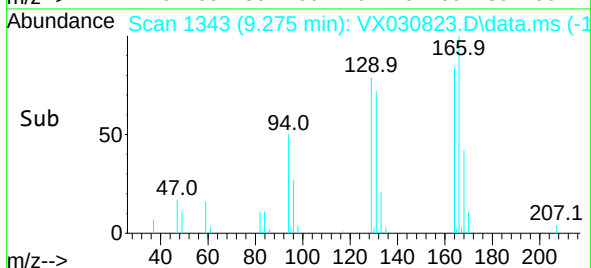
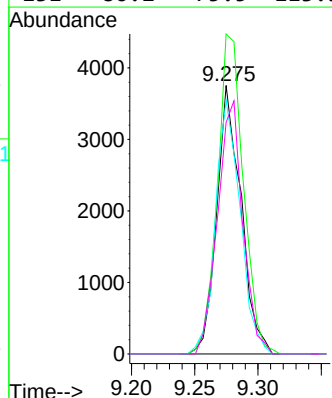
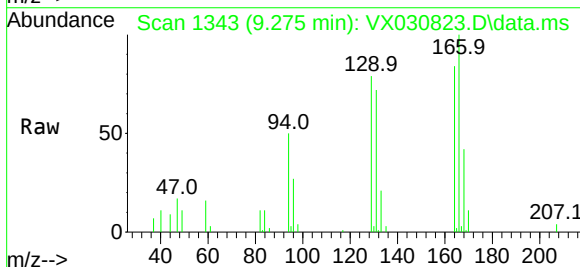
Ion Ratio Lower Upper

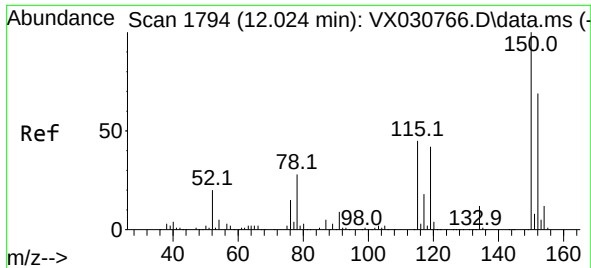
164 100

166 119.2 98.2 147.4

129 94.5 80.8 121.2

131 86.2 75.5 113.3

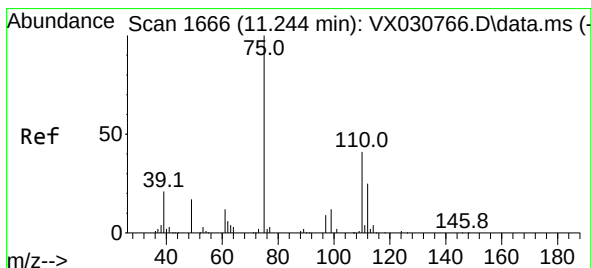
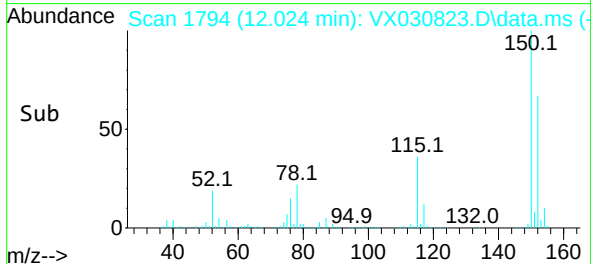
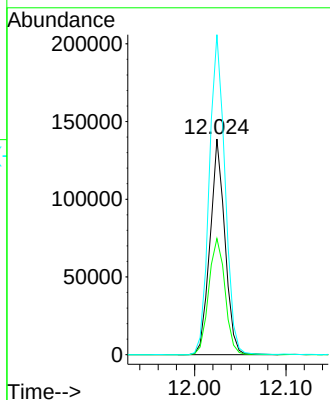
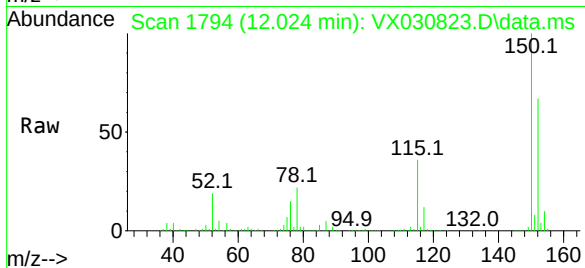




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030823.D
 Acq: 26 Aug 2022 14:40

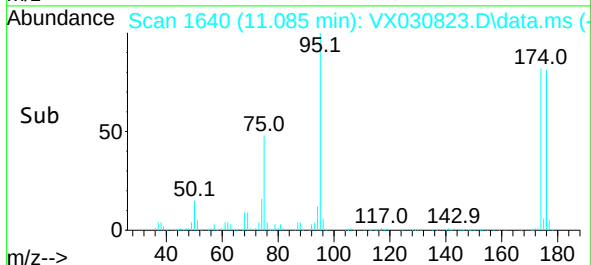
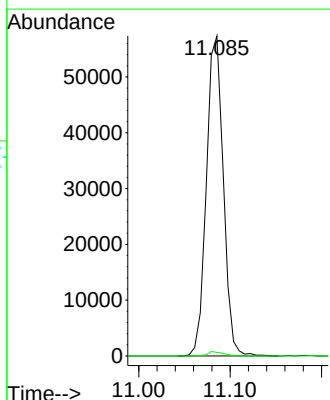
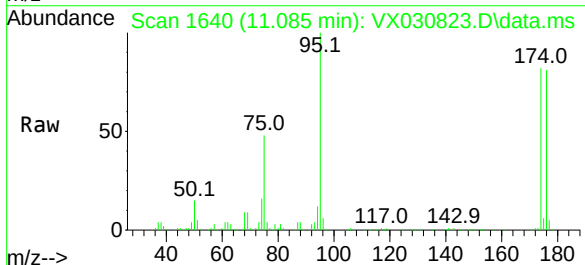
Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20220816DL

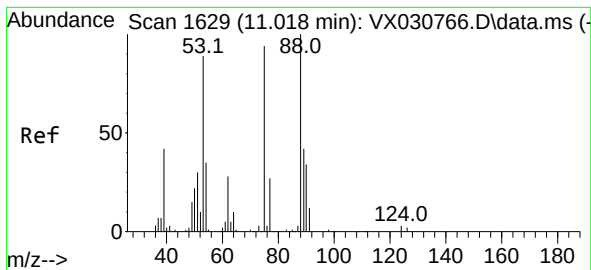
Tgt Ion:152 Resp: 156709
 Ion Ratio Lower Upper
 152 100
 115 58.9 40.5 121.5
 150 156.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.483 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030823.D
 Acq: 26 Aug 2022 14:40

Tgt Ion: 75 Resp: 73756
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.312 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030823.D
 Acq: 26 Aug 2022 14:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20220816DL

Tgt Ion: 75 Resp: 73756
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.2 34.8 52.2#

