

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032854.D
 Acq On : 16 Nov 2022 08:30
 Operator : JC/MD
 Sample : N5640-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Nov 16 09:01:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

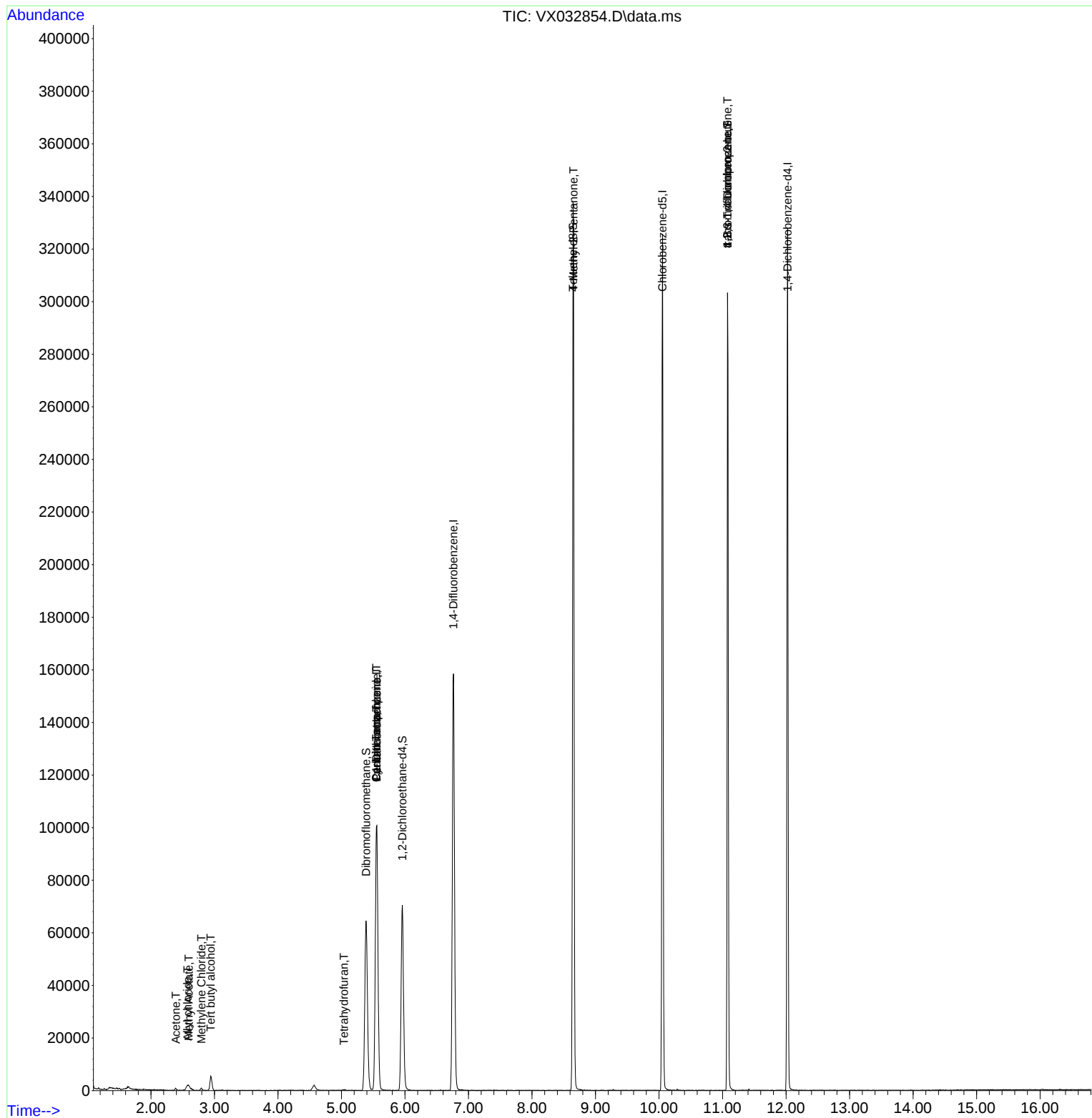
Internal Standards						
1) Pentafluorobenzene	5.556	168	97938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70013	51.449	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.900%	
35) Dibromofluoromethane	5.385	113	56117	48.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.160%	
50) Toluene-d8	8.646	98	201318	49.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	11.079	95	75689	47.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	3412	17.227	ug/l #	72
14) Allyl chloride	2.574	41	491	0.314	ug/l #	71
16) Acetone	2.392	43	924	1.868	ug/l #	84
18) Methyl Acetate	2.593	43	1543	0.959	ug/l #	51
20) Methylene Chloride	2.794	84	404	0.356	ug/l	87
29) Tetrahydrofuran	5.037	42	316	0.647	ug/l #	37
31) Cyclohexane	5.549	56	2098	1.272	ug/l #	16
36) 1,1-Dichloropropene	5.549	75	7726	4.754	ug/l #	49
38) Carbon Tetrachloride	5.549	117	9806	5.440	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	847	0.518	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41154	28.109	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41154	89.443	ug/l #	6

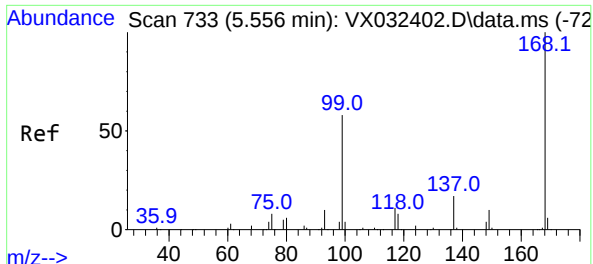
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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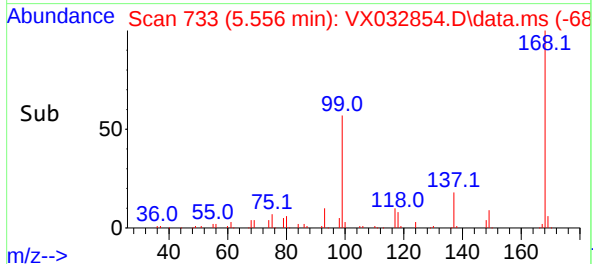
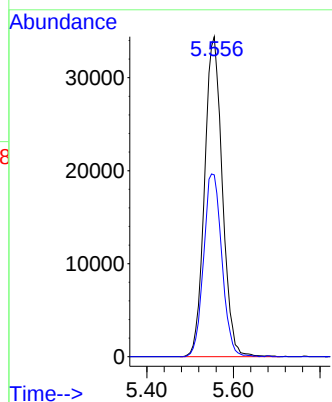
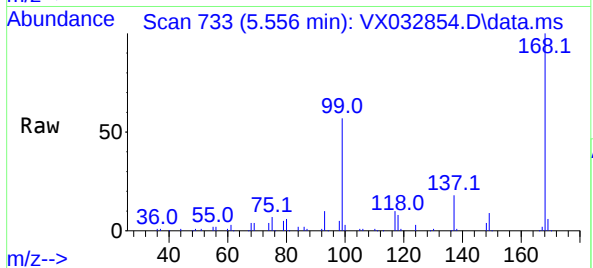




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032854.D
Acq: 16 Nov 2022 08:30

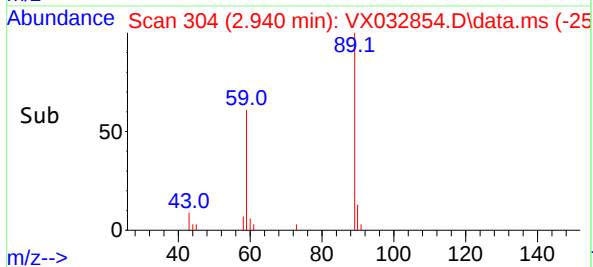
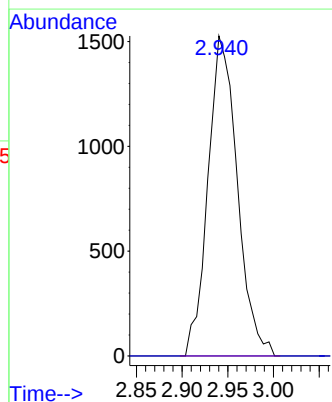
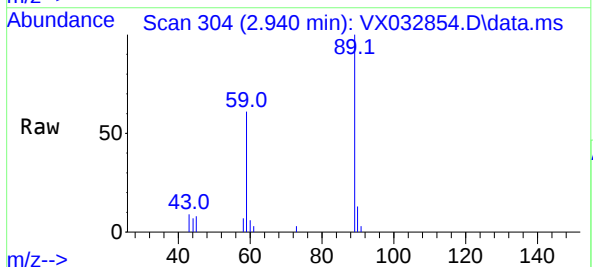
Instrument :
MSVOA_X
ClientSampleId :
MW-1

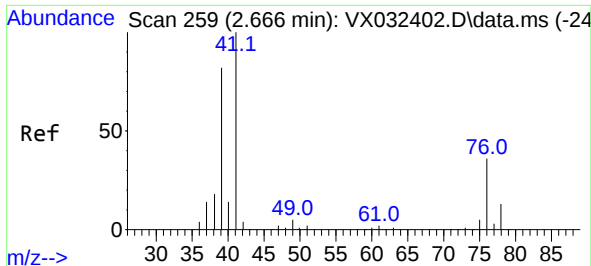
Tgt Ion:168 Resp: 97938
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 17.227 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX032854.D
Acq: 16 Nov 2022 08:30

Tgt Ion: 59 Resp: 3412
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

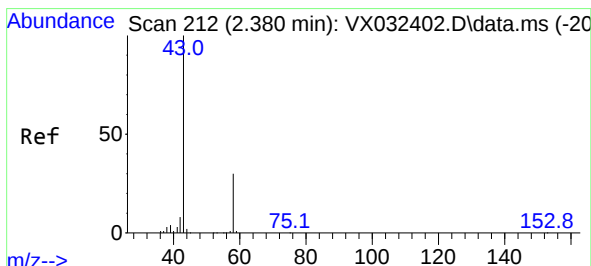
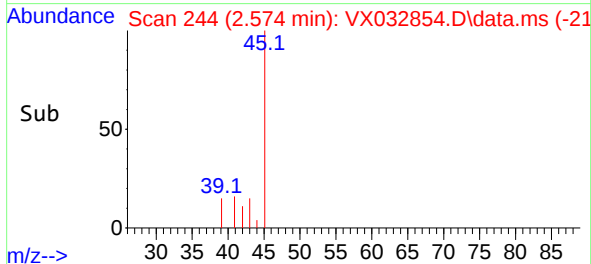
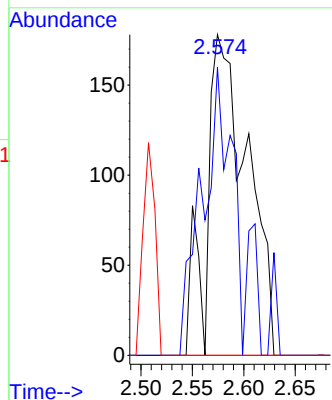
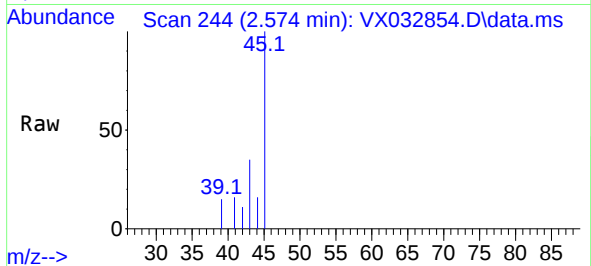




#14
 Allyl chloride
 Concen: 0.314 ug/l
 RT: 2.574 min Scan# 24
 Delta R.T. -0.092 min
 Lab File: VX032854.D
 Acq: 16 Nov 2022 08:30

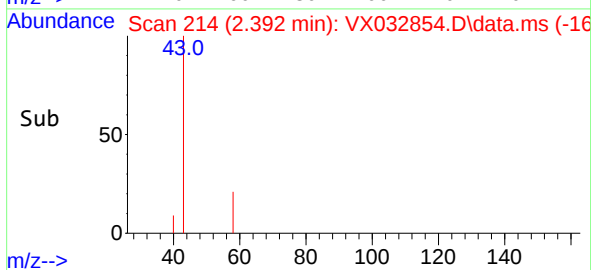
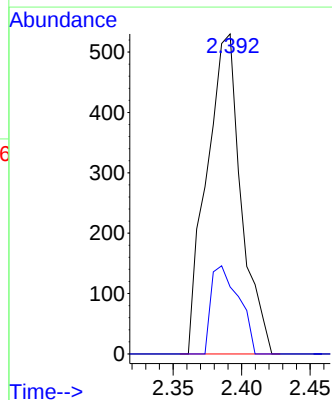
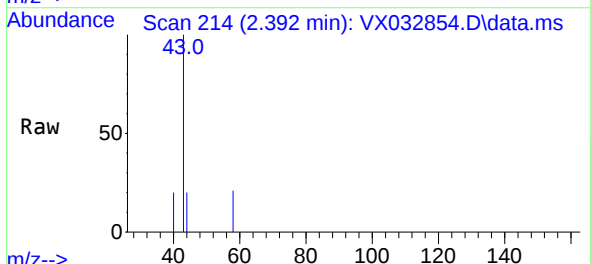
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

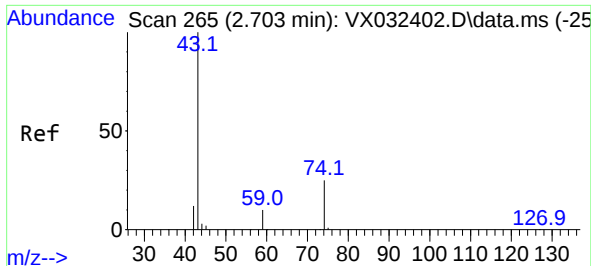
Tgt Ion: 41 Resp: 491
 Ion Ratio Lower Upper
 41 100
 39 65.4 61.4 92.2
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 1.868 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.012 min
 Lab File: VX032854.D
 Acq: 16 Nov 2022 08:30

Tgt Ion: 43 Resp: 924
 Ion Ratio Lower Upper
 43 100
 58 20.9 23.8 35.8#





#18

Methyl Acetate

Concen: 0.959 ug/l

RT: 2.593 min Scan# 24

Delta R.T. -0.110 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

Instrument :

MSVOA_X

ClientSampleId :

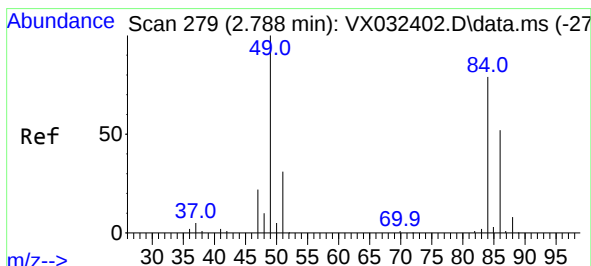
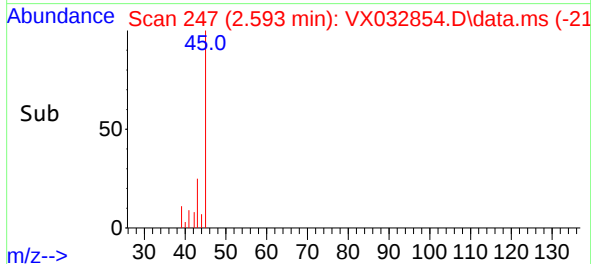
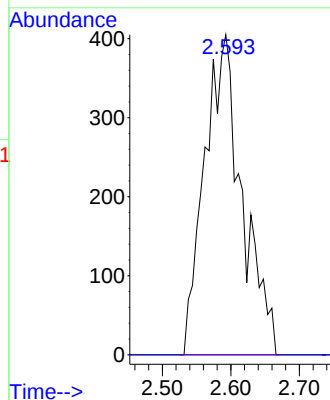
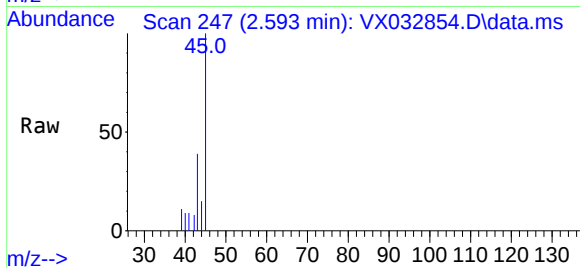
MW-1

Tgt Ion: 43 Resp: 1543

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#20

Methylene Chloride

Concen: 0.356 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

Tgt Ion: 84 Resp: 404

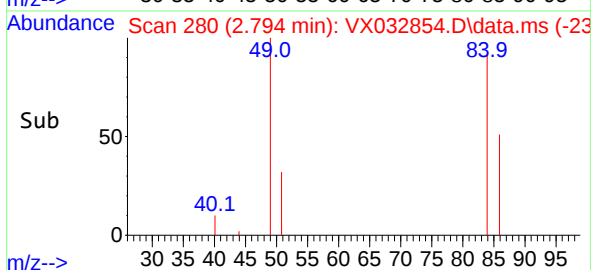
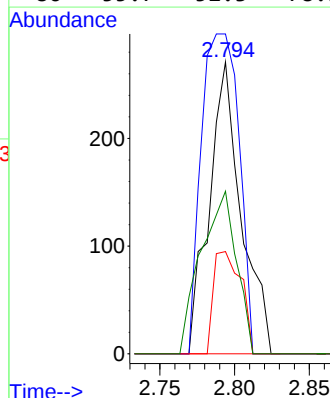
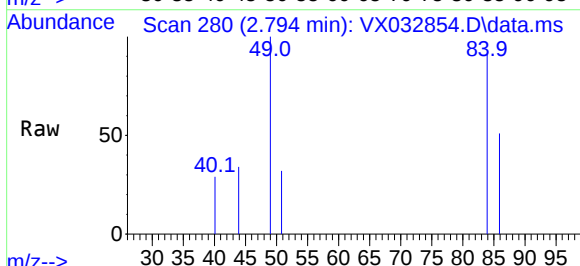
Ion Ratio Lower Upper

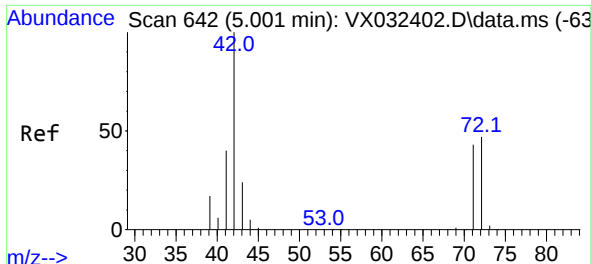
84 100

49 109.6 101.0 151.6

51 35.1 31.1 46.7

86 55.7 52.3 78.5





#29

Tetrahydrofuran

Concen: 0.647 ug/l

RT: 5.037 min Scan# 64

Delta R.T. 0.036 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

Instrument :

MSVOA_X

ClientSampleId :

MW-1

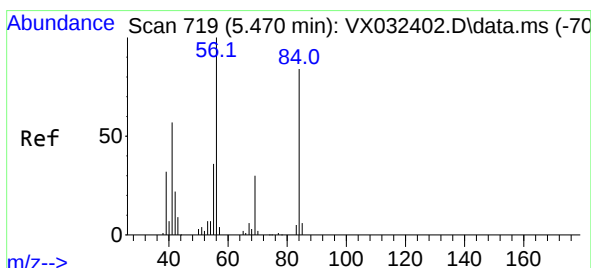
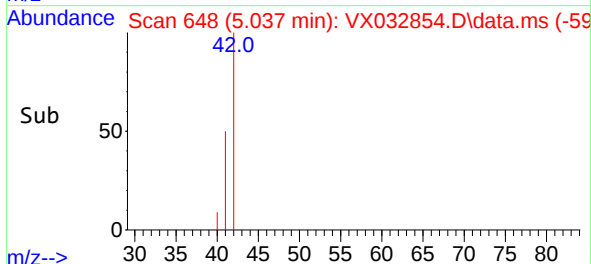
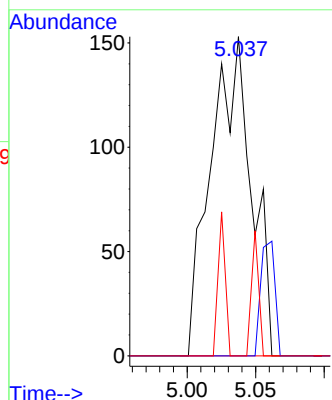
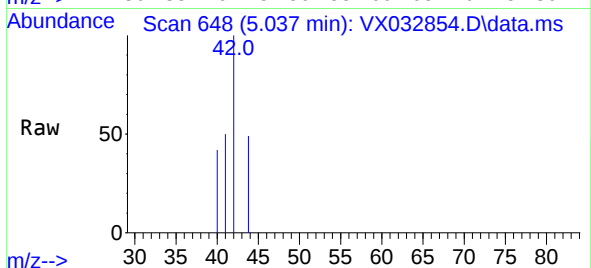
Tgt Ion: 42 Resp: 316

Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

71 7.9 34.7 52.1#



#31

Cyclohexane

Concen: 1.272 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

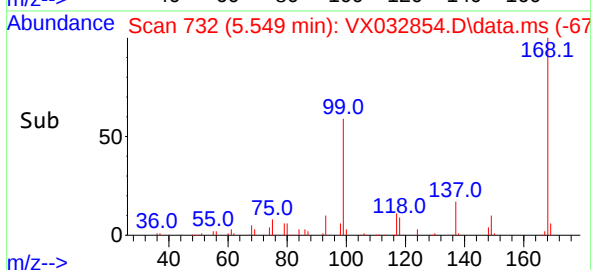
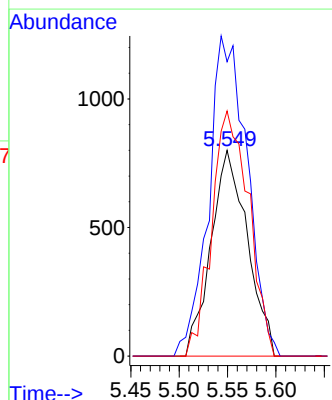
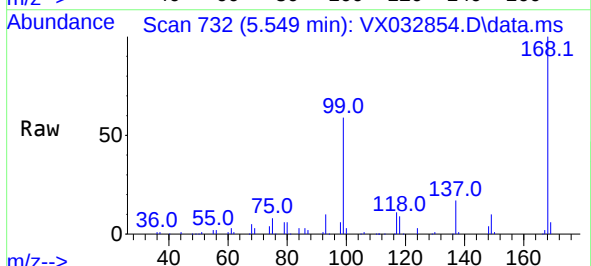
Tgt Ion: 56 Resp: 2098

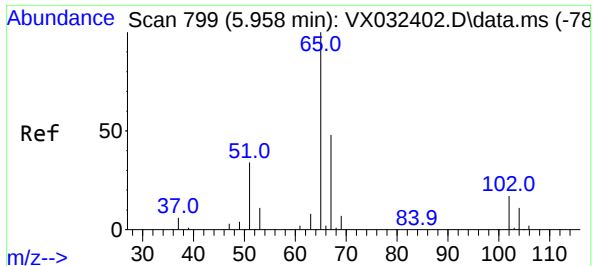
Ion Ratio Lower Upper

56 100

69 143.1 24.1 36.1#

84 119.1 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 51.449 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

Instrument :

MSVOA_X

ClientSampleId :

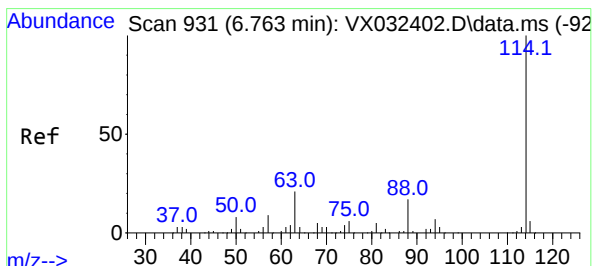
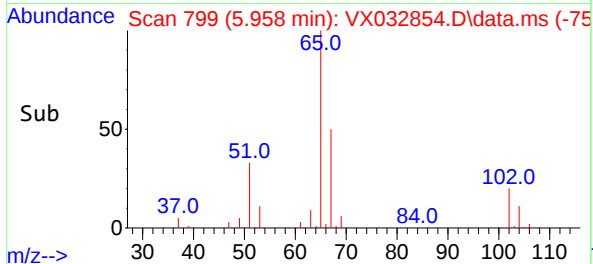
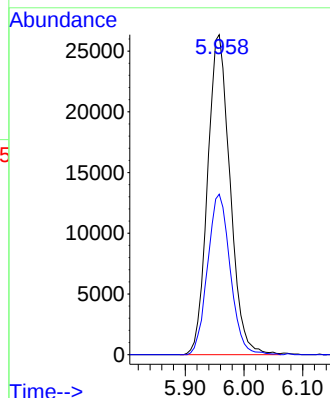
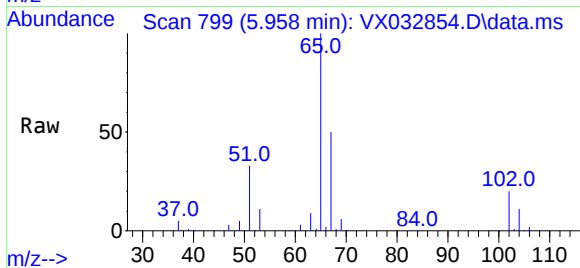
MW-1

Tgt Ion: 65 Resp: 70013

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

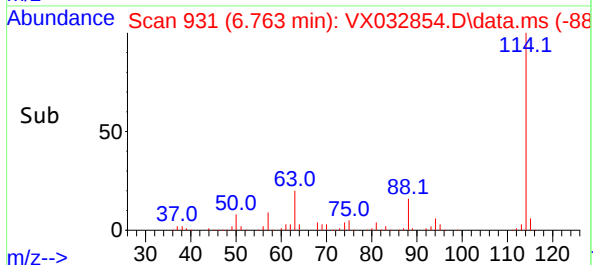
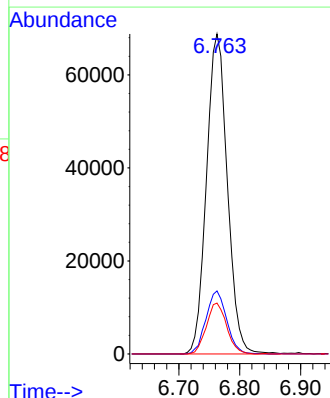
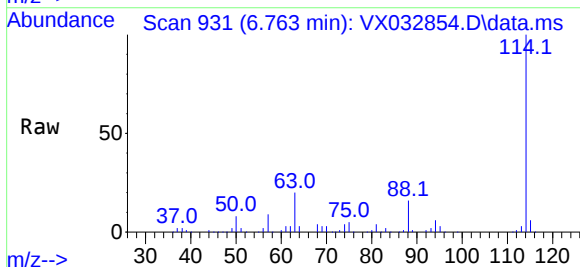
Tgt Ion: 114 Resp: 163618

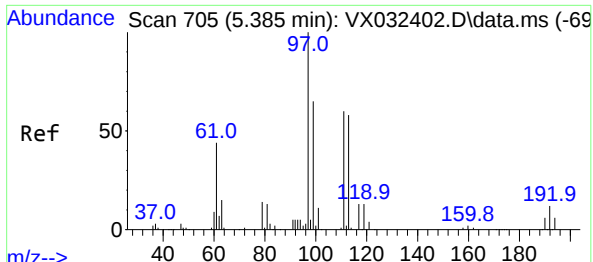
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 15.9 0.0 33.4

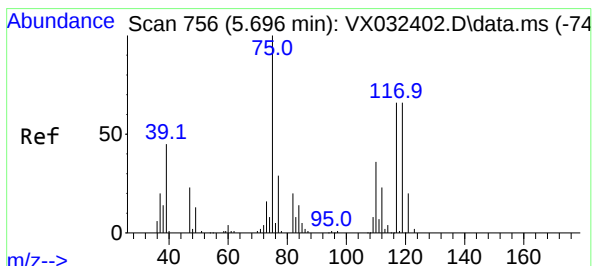
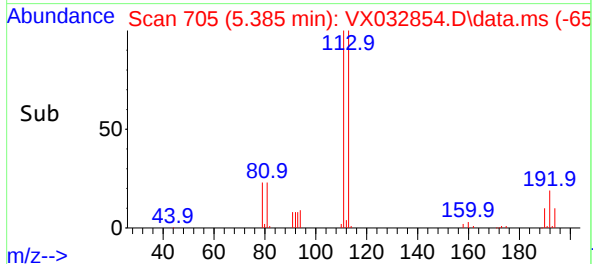
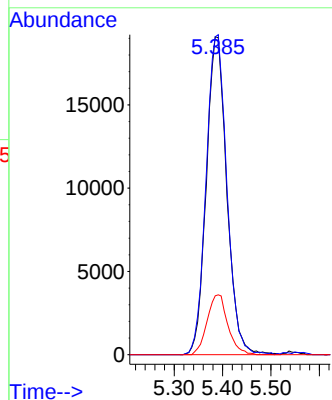
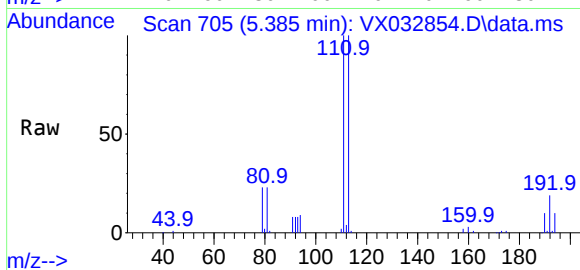




#35
Dibromofluoromethane
Concen: 48.082 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032854.D
Acq: 16 Nov 2022 08:30

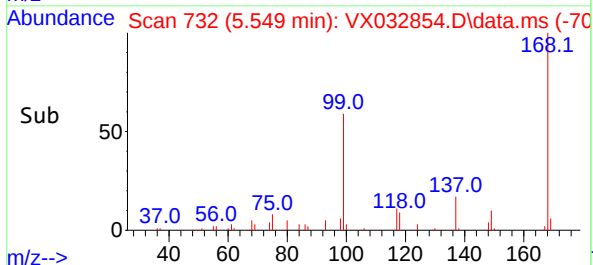
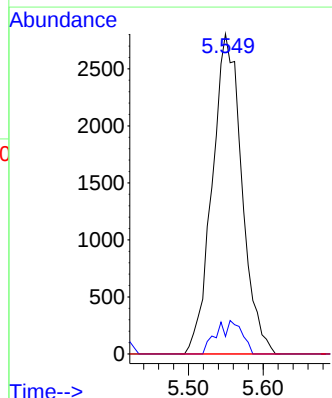
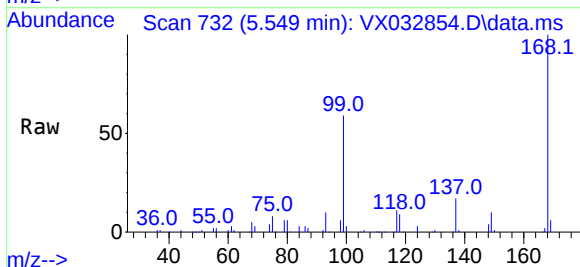
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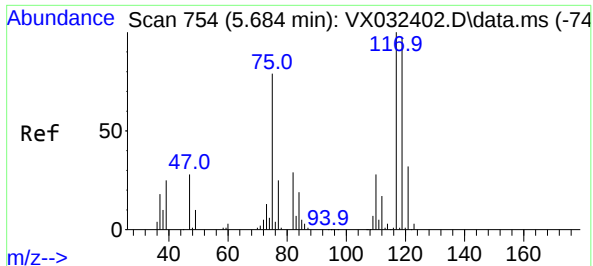
Tgt Ion:113 Resp: 56117
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX032854.D
Acq: 16 Nov 2022 08:30

Tgt Ion: 75 Resp: 7726
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.5 36.7#

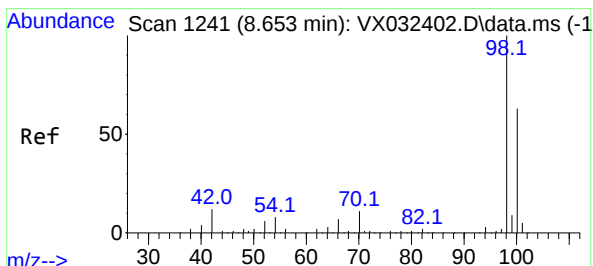
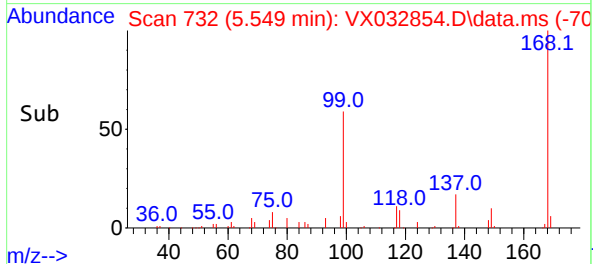
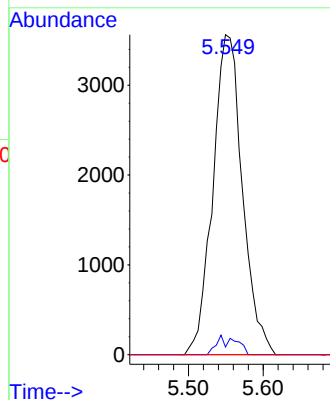
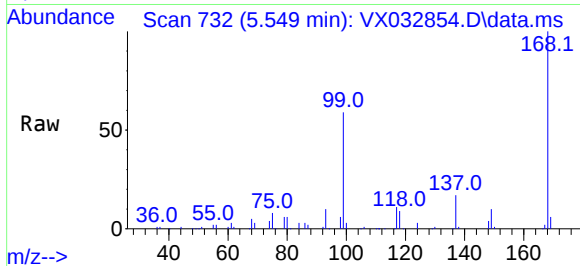




#38
Carbon Tetrachloride
Concen: 5.440 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032854.D
Acq: 16 Nov 2022 08:30

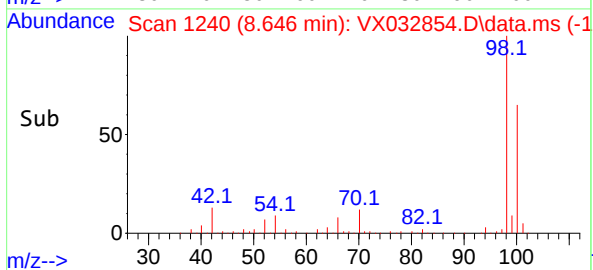
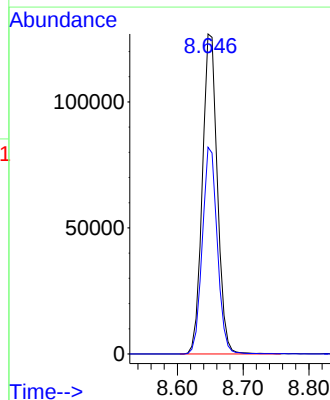
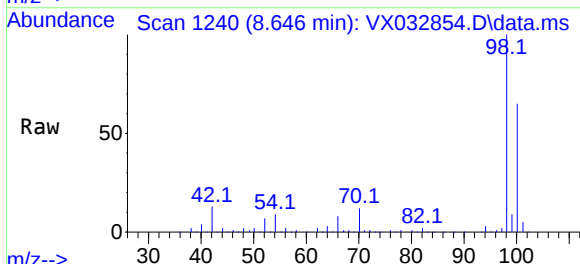
Instrument :
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ClientSampleId :
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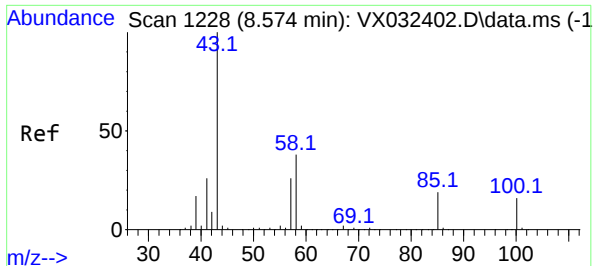
Tgt Ion:117 Resp: 9806
Ion Ratio Lower Upper
117 100
119 2.4 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.607 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032854.D
Acq: 16 Nov 2022 08:30

Tgt Ion: 98 Resp: 201318
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.518 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

Instrument :

MSVOA_X

ClientSampleId :

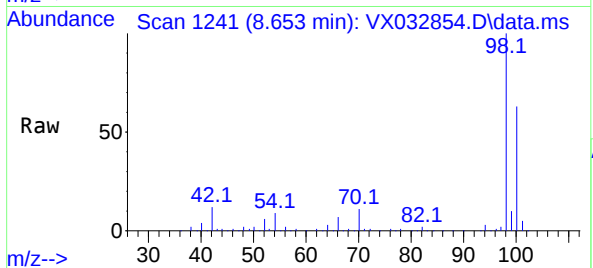
MW-1

Tgt Ion: 43 Resp: 847

Ion Ratio Lower Upper

43 100

58 188.0 30.9 46.3#



Abundance

1000

800

600

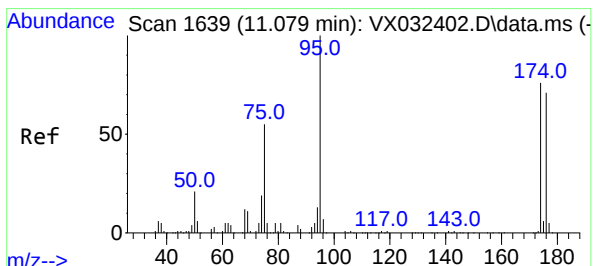
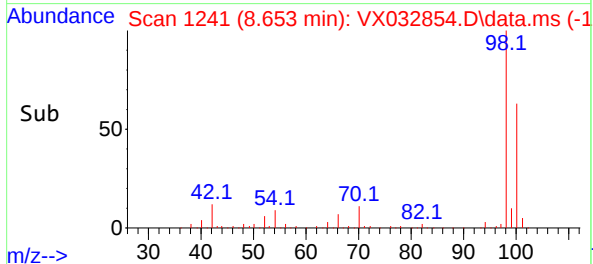
400

200

0

8.653

Time-->



#62

4-Bromofluorobenzene

Concen: 47.746 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032854.D

Acq: 16 Nov 2022 08:30

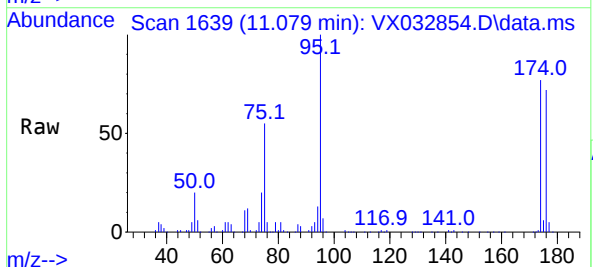
Tgt Ion: 95 Resp: 75689

Ion Ratio Lower Upper

95 100

174 82.9 0.0 164.0

176 78.9 0.0 154.4



Abundance

60000

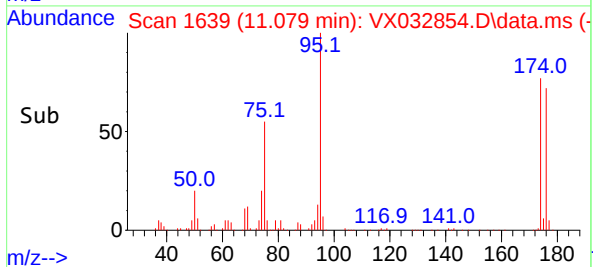
40000

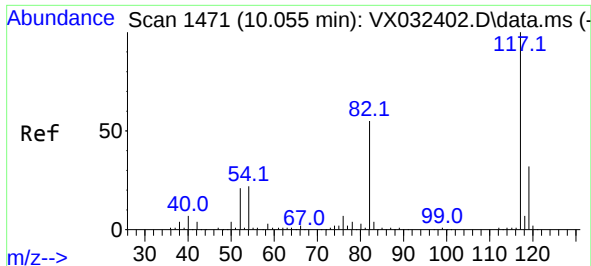
20000

0

11.079

Time-->

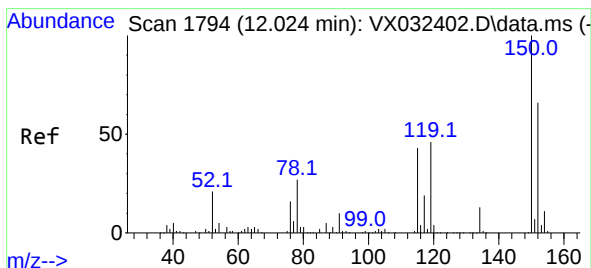
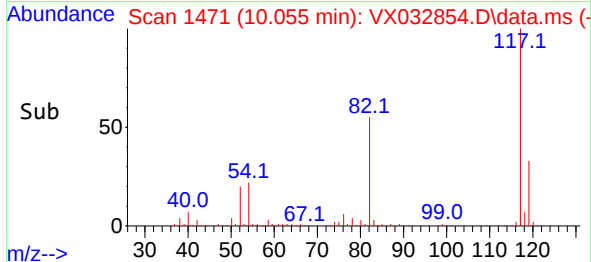
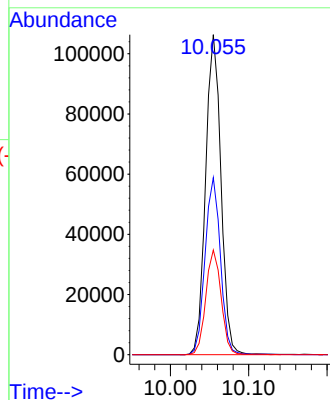
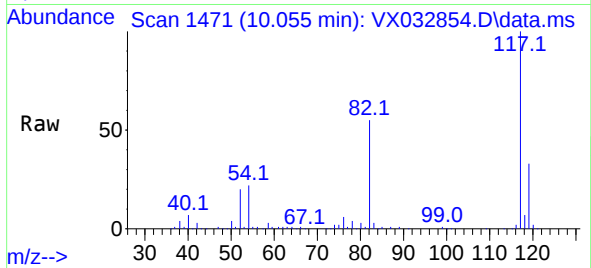




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032854.D
Acq: 16 Nov 2022 08:30

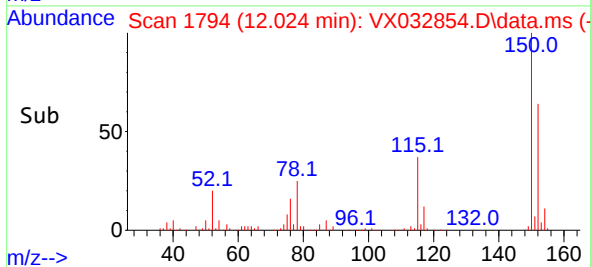
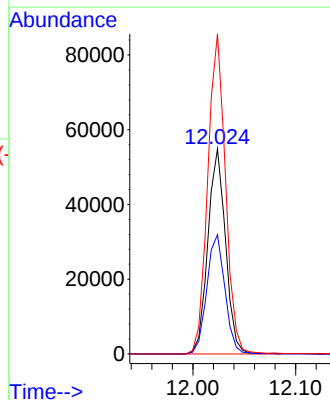
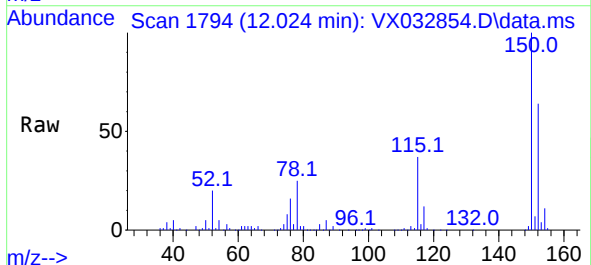
Instrument :
MSVOA_X
ClientSampleId :
MW-1

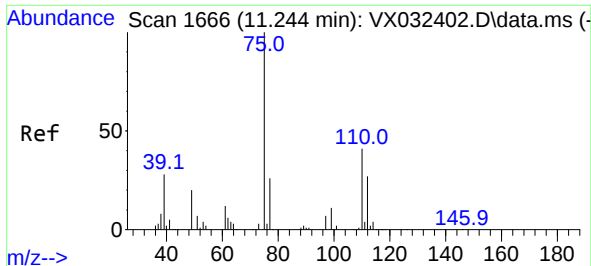
Tgt Ion:117 Resp: 144342
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032854.D
Acq: 16 Nov 2022 08:30

Tgt Ion:152 Resp: 65809
Ion Ratio Lower Upper
152 100
115 59.7 44.0 132.0
150 156.9 0.0 351.8

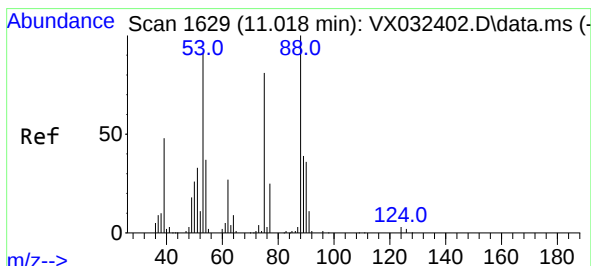
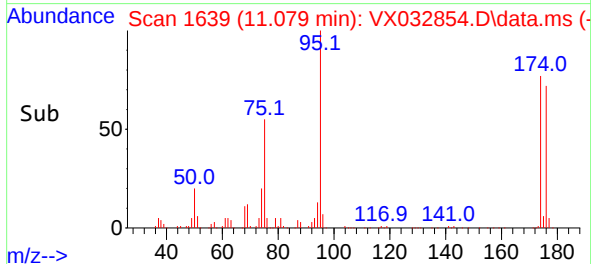
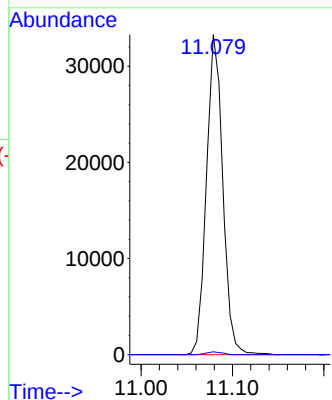
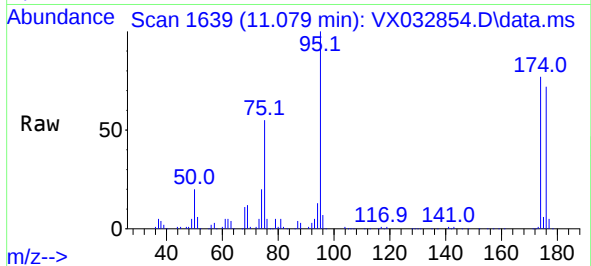




#76
1,2,3-Trichloropropane
Concen: 28.109 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032854.D
Acq: 16 Nov 2022 08:30

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion: 75 Resp: 41154
Ion Ratio Lower Upper
75 100
77 0.8 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032854.D
Acq: 16 Nov 2022 08:30

Tgt Ion: 75 Resp: 41154
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

