

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027645.D
 Acq On : 23 Mar 2022 04:30
 Operator : JC/MD
 Sample : N2028-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-123

Quant Time: Mar 23 07:43:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

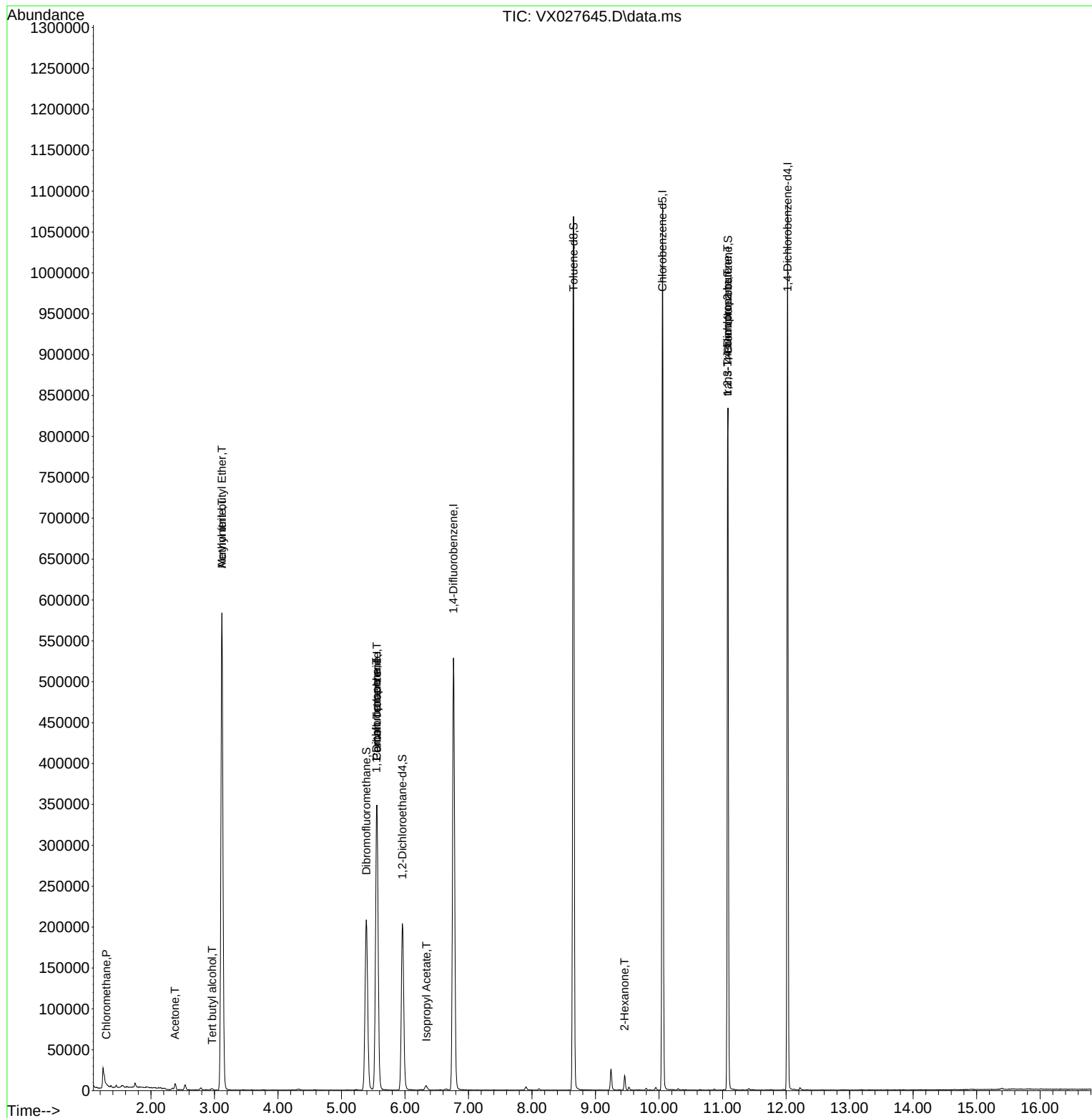
Internal Standards						
1) Pentafluorobenzene	5.556	168	351333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	567074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	230095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201035	46.449	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.900%
35) Dibromofluoromethane	5.391	113	184707	50.626	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.260%
50) Toluene-d8	8.653	98	664618	48.139	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.280%
62) 4-Bromofluorobenzene	11.085	95	229773	45.280	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	739	0.247	ug/l #	88
5) Bromomethane	1.618	94	715	Below Cal	#	79
11) Tert butyl alcohol	2.965	59	1821	2.208	ug/l #	72
15) Acrylonitrile	3.117	53	6899	3.679	ug/l #	30
16) Acetone	2.380	43	7877	4.465	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	667099	60.607	ug/l	99
36) 1,1-Dichloropropene	5.550	75	24508	4.916	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34303	6.014	ug/l #	16
43) Isopropyl Acetate	6.336	43	1878	0.235	ug/l #	22
59) 2-Hexanone	9.458	43	949	0.241	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	113197	23.520	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	113197	71.431	ug/l #	15

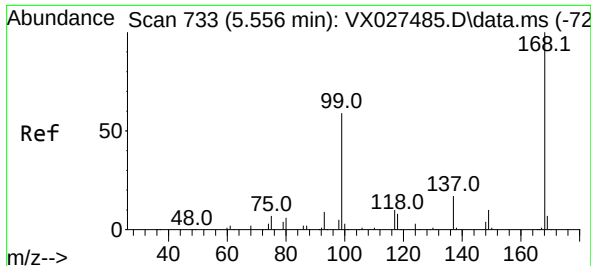
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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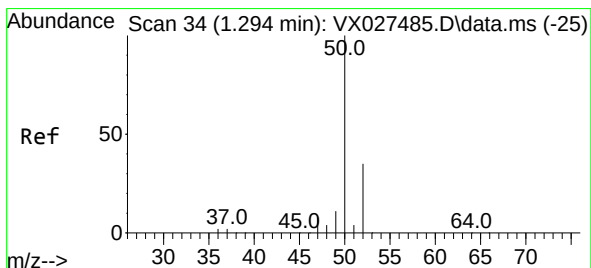
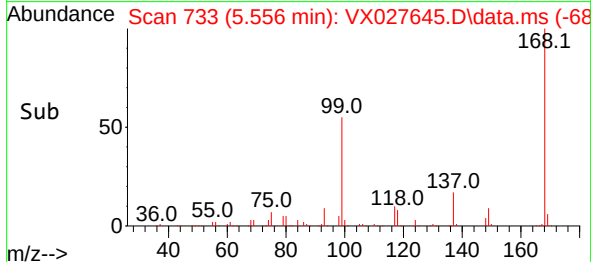
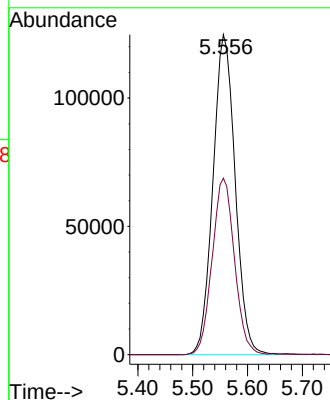
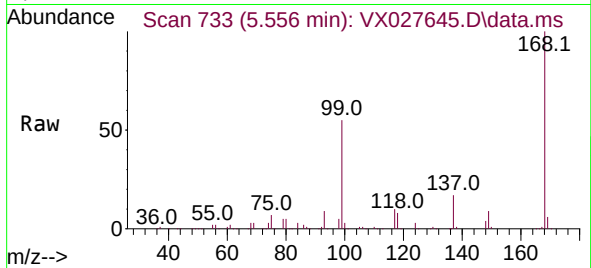




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX027645.D
Acq: 23 Mar 2022 04:30

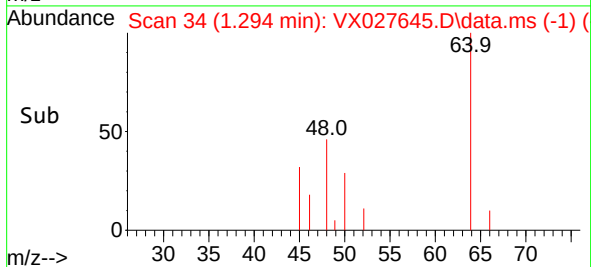
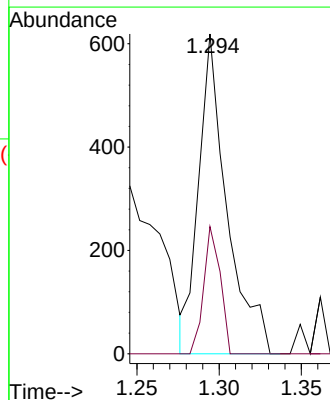
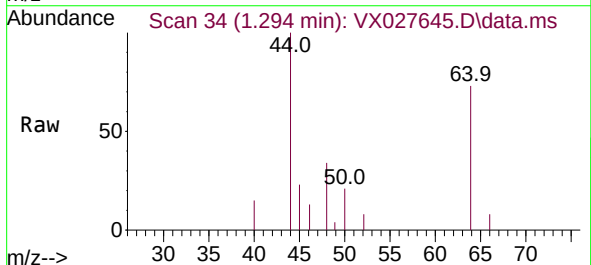
Instrument :
MSVOA_X
ClientSampleId :
MW-123

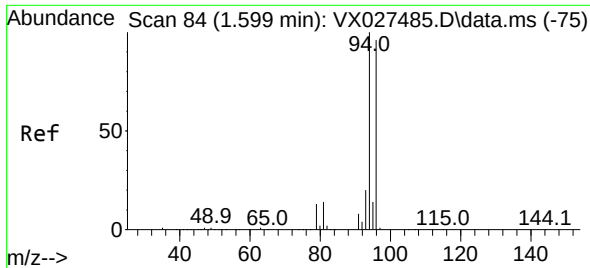
Tgt Ion:168 Resp: 351333
Ion Ratio Lower Upper
168 100
99 55.2 41.7 62.5



#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027645.D
Acq: 23 Mar 2022 04:30

Tgt Ion: 50 Resp: 739
Ion Ratio Lower Upper
50 100
52 39.7 26.4 39.6#

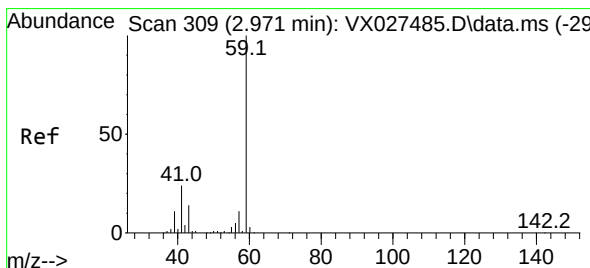
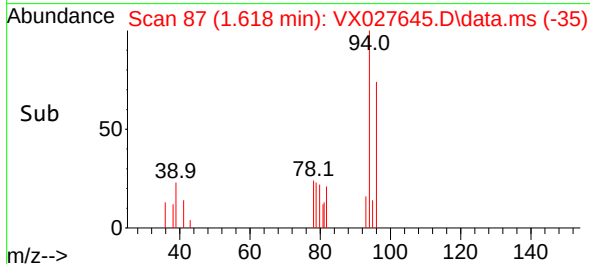
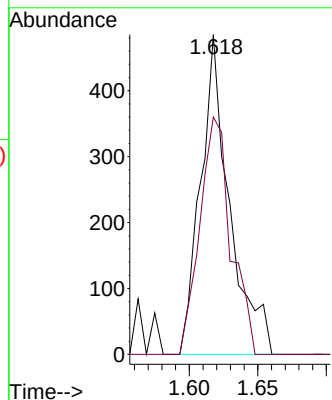
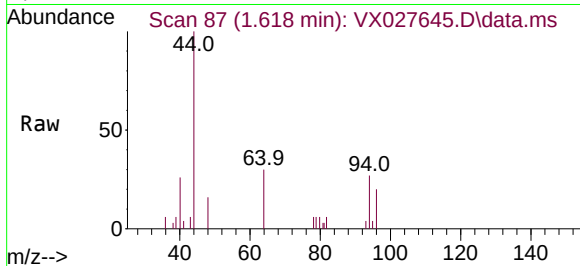




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX027645.D
Acq: 23 Mar 2022 04:30

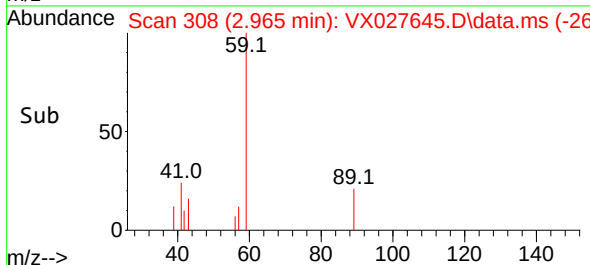
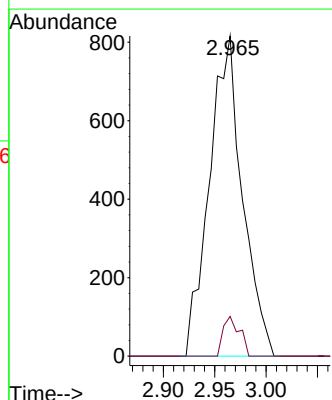
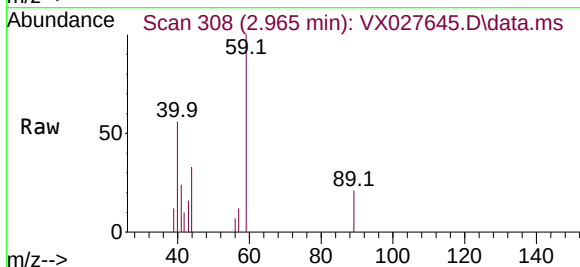
Instrument :
MSVOA_X
ClientSampleId :
MW-123

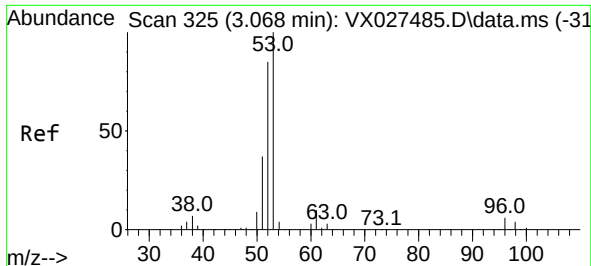
Tgt Ion: 94 Resp: 715
Ion Ratio Lower Upper
94 100
96 74.2 75.3 112.9#



#11
Tert butyl alcohol
Concen: 2.208 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027645.D
Acq: 23 Mar 2022 04:30

Tgt Ion: 59 Resp: 1821
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#15

Acrylonitrile

Concen: 3.679 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX027645.D

Acq: 23 Mar 2022 04:30

Instrument :

MSVOA_X

ClientSampleId :

MW-123

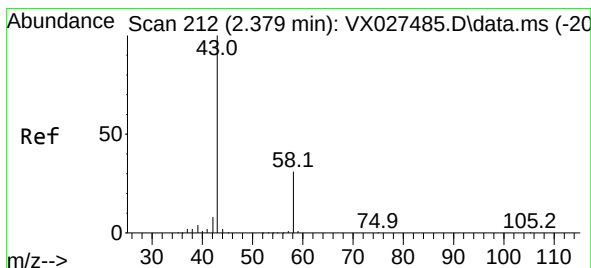
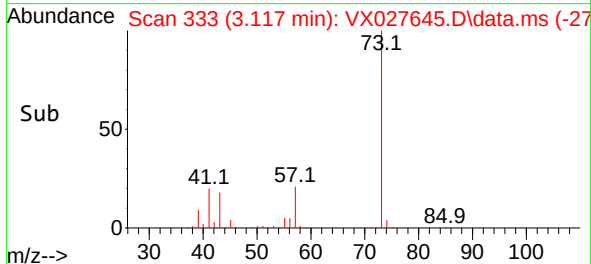
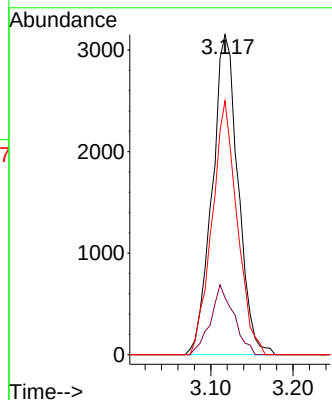
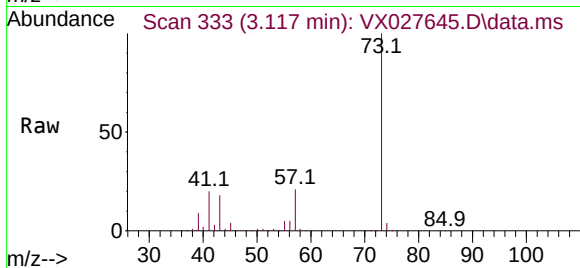
Tgt Ion: 53 Resp: 6899

Ion Ratio Lower Upper

53 100

52 19.6 65.7 98.5#

51 76.8 28.4 42.6#



#16

Acetone

Concen: 4.465 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027645.D

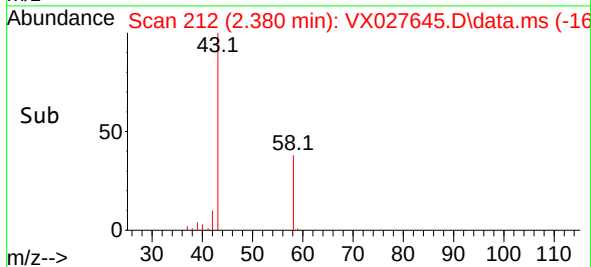
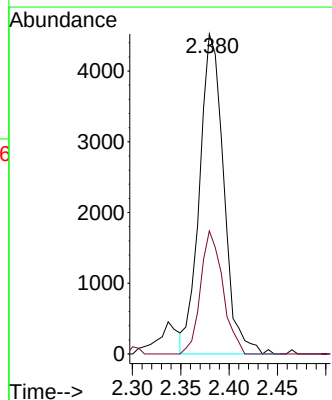
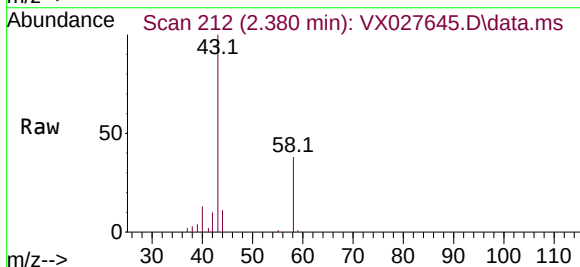
Acq: 23 Mar 2022 04:30

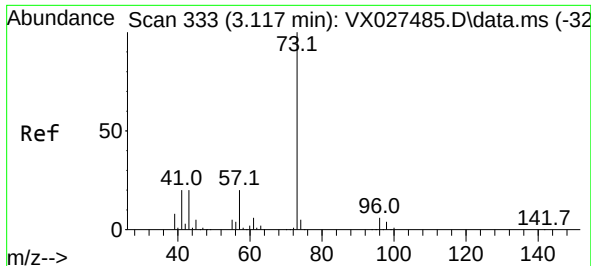
Tgt Ion: 43 Resp: 7877

Ion Ratio Lower Upper

43 100

58 38.5 28.8 43.2





#19

Methyl tert-butyl Ether

Concen: 60.607 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027645.D

Acq: 23 Mar 2022 04:30

Instrument :

MSVOA_X

ClientSampleId :

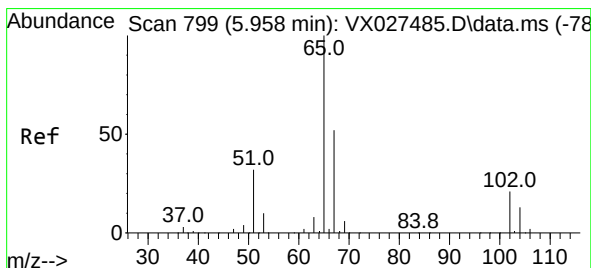
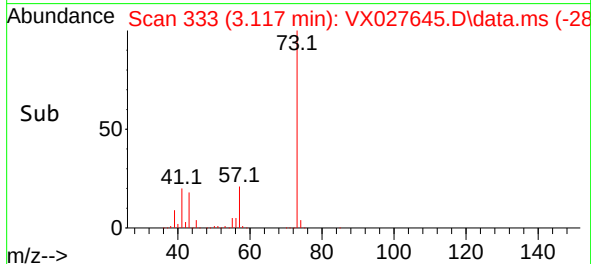
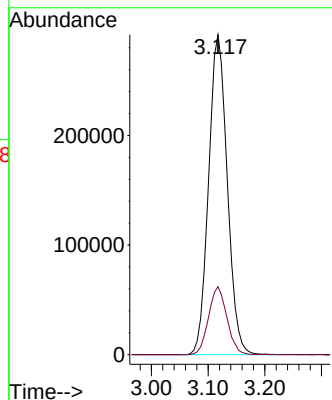
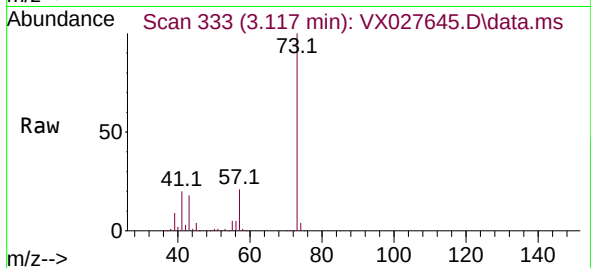
MW-123

Tgt Ion: 73 Resp: 667099

Ion Ratio Lower Upper

73 100

57 21.3 16.8 25.2



#33

1,2-Dichloroethane-d4

Concen: 46.449 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027645.D

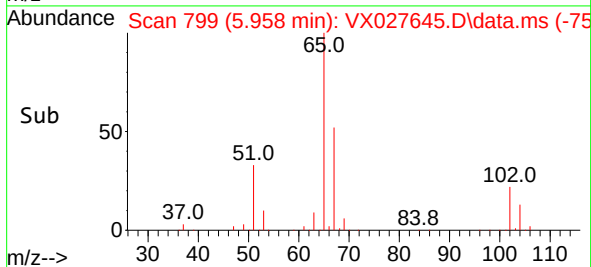
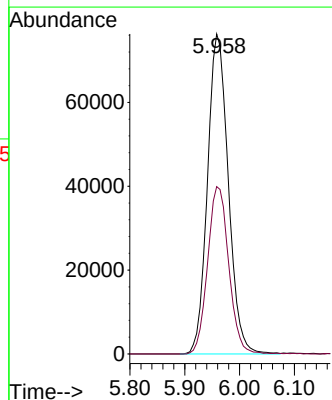
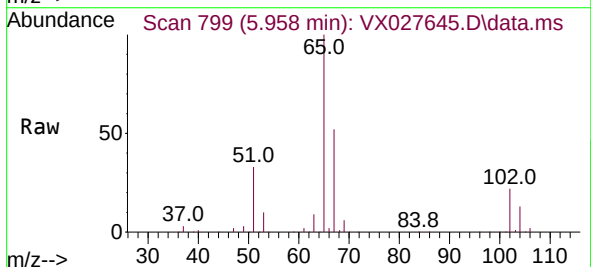
Acq: 23 Mar 2022 04:30

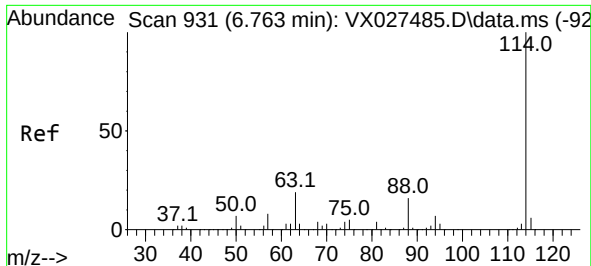
Tgt Ion: 65 Resp: 201035

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4

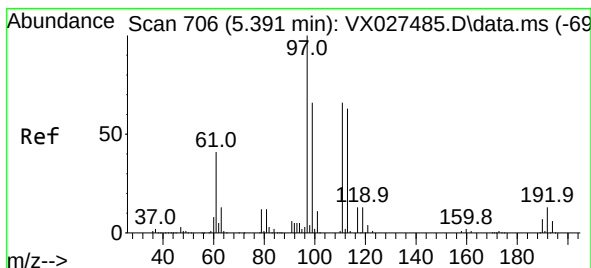
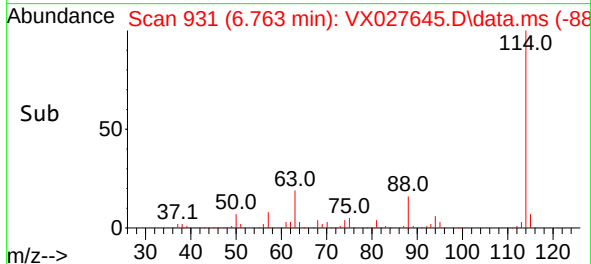
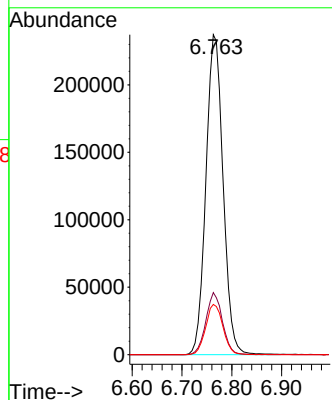
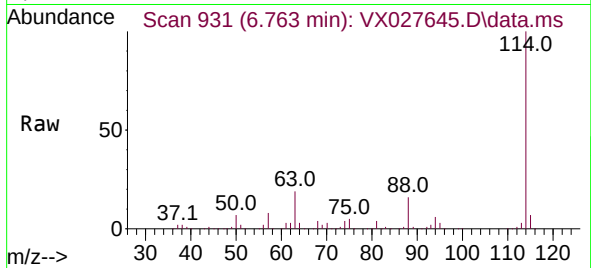




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX027645.D
 Acq: 23 Mar 2022 04:30

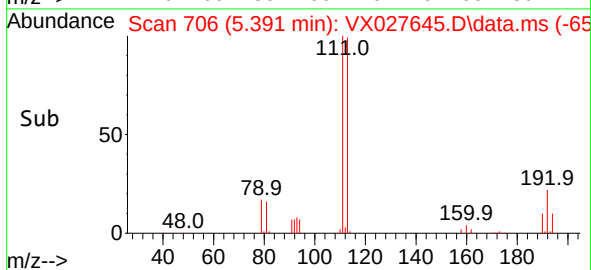
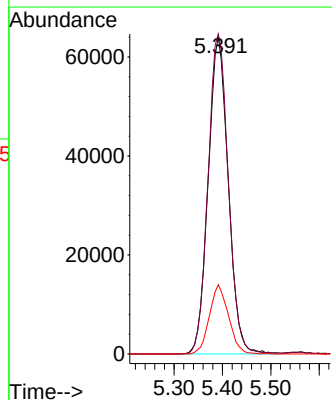
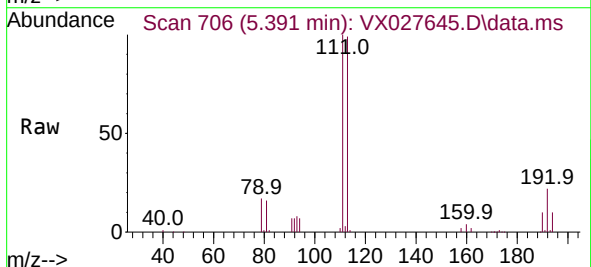
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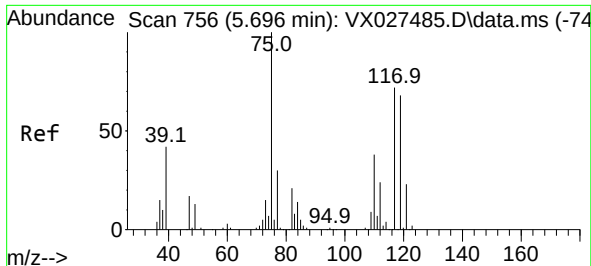
Tgt Ion:114 Resp: 567074
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 36.8
 88 15.7 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 50.626 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX027645.D
 Acq: 23 Mar 2022 04:30

Tgt Ion:113 Resp: 184707
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.8 124.2
 192 20.8 16.9 25.3

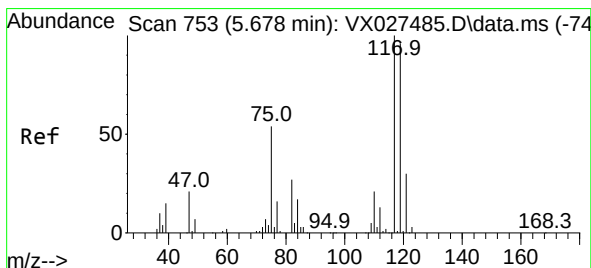
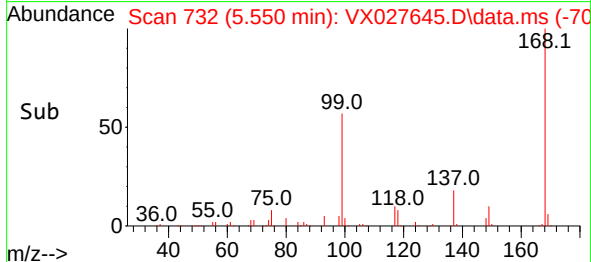
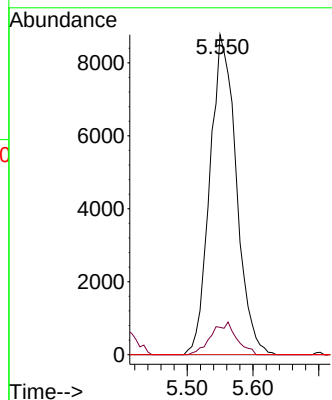
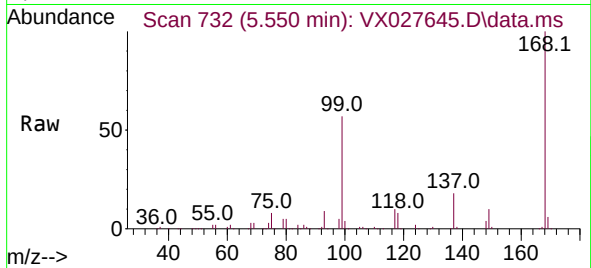




#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX027645.D
Acq: 23 Mar 2022 04:30

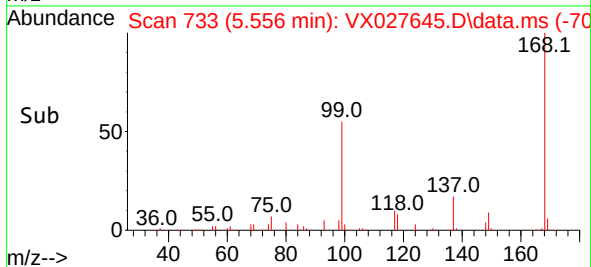
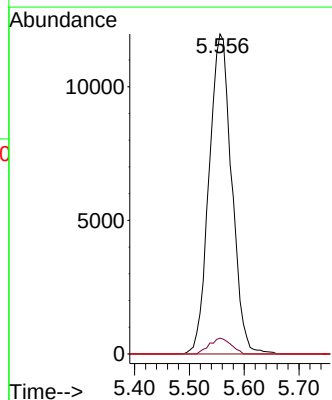
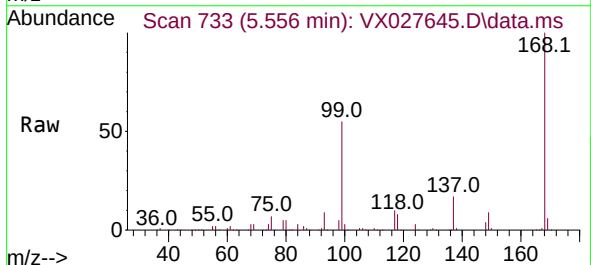
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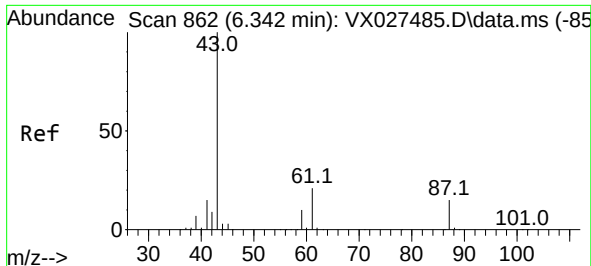
Tgt Ion: 75 Resp: 24508
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.014 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027645.D
Acq: 23 Mar 2022 04:30

Tgt Ion: 117 Resp: 34303
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 0.235 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX027645.D

Acq: 23 Mar 2022 04:30

Instrument :

MSVOA_X

ClientSampleId :

MW-123

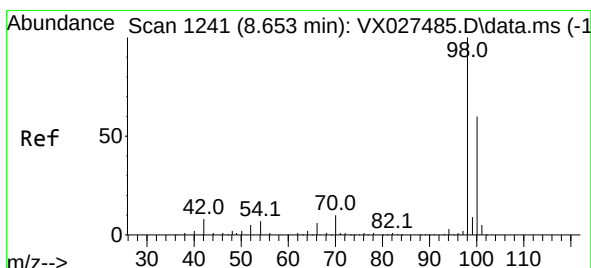
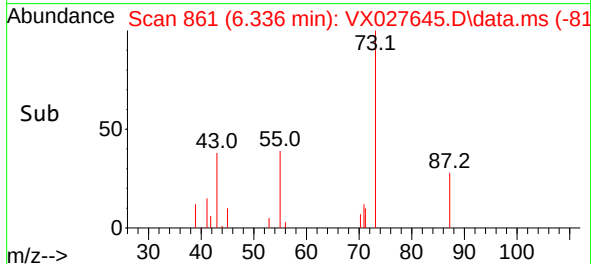
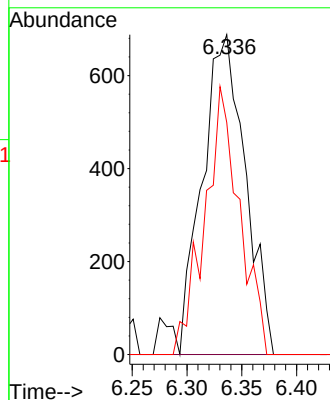
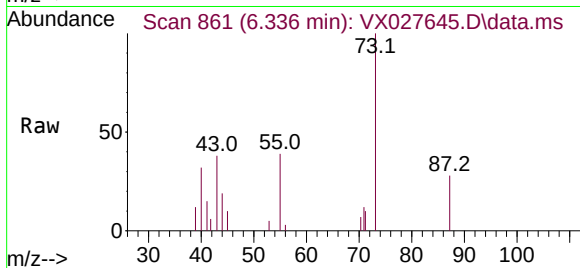
Tgt Ion: 43 Resp: 1878

Ion Ratio Lower Upper

43 100

61 0.0 18.5 27.7#

87 67.6 13.0 19.6#



#50

Toluene-d8

Concen: 48.139 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027645.D

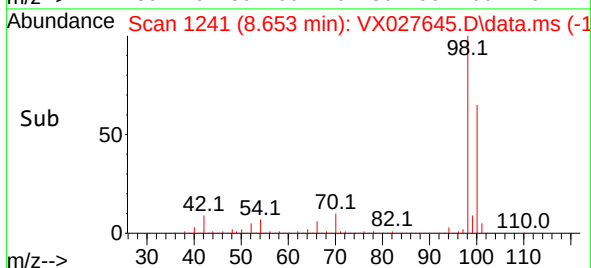
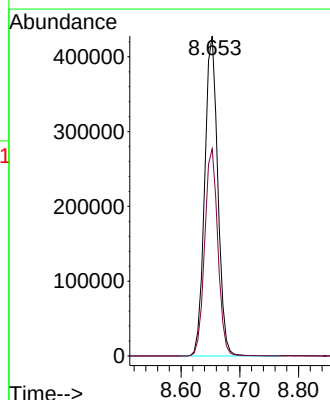
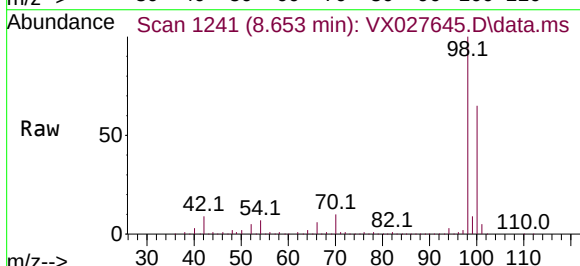
Acq: 23 Mar 2022 04:30

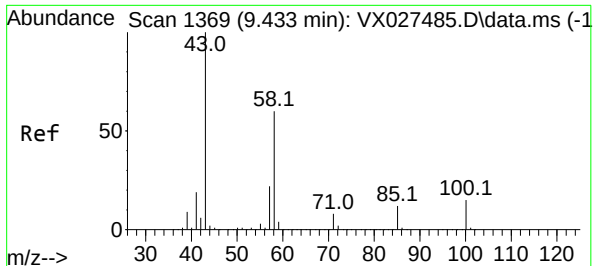
Tgt Ion: 98 Resp: 664618

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8





#59

2-Hexanone

Concen: 0.241 ug/l

RT: 9.458 min Scan# 11

Delta R.T. 0.024 min

Lab File: VX027645.D

Acq: 23 Mar 2022 04:30

Instrument :

MSVOA_X

ClientSampleId :

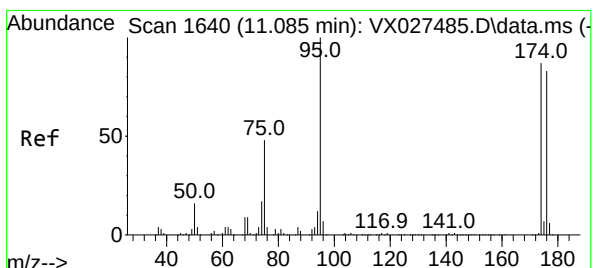
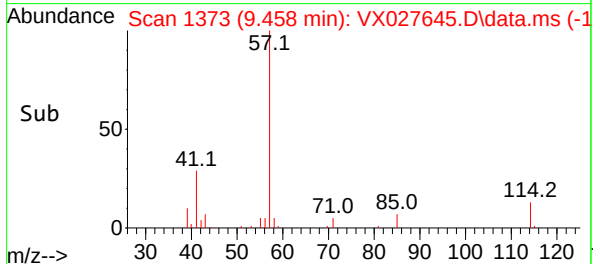
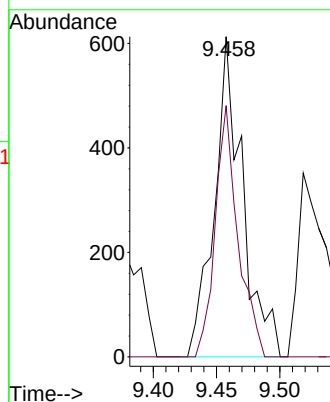
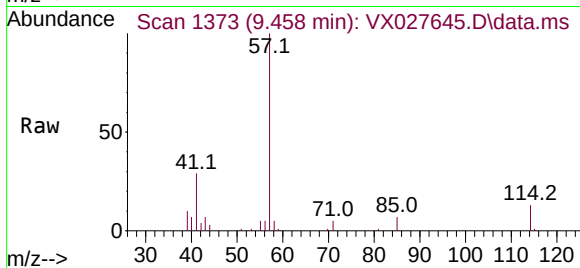
MW-123

Tgt Ion: 43 Resp: 949

Ion Ratio Lower Upper

43 100

58 63.1 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 45.280 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027645.D

Acq: 23 Mar 2022 04:30

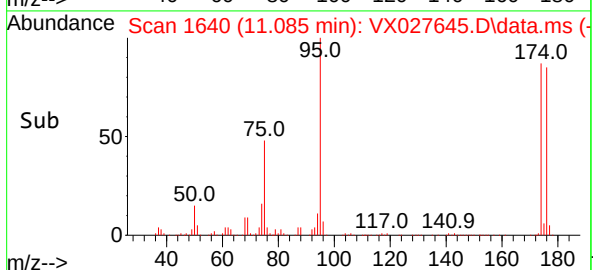
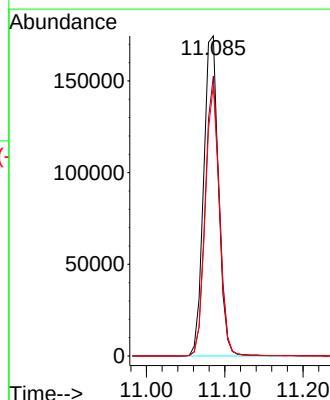
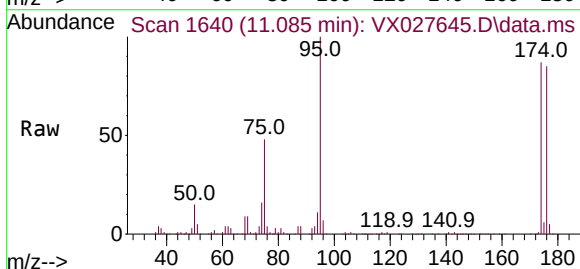
Tgt Ion: 95 Resp: 229773

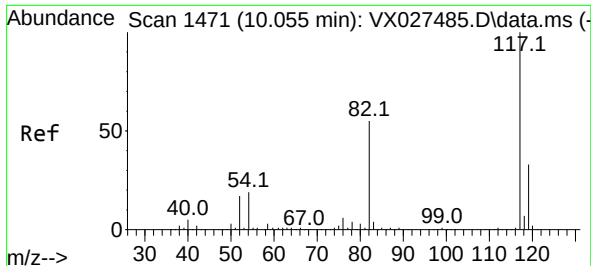
Ion Ratio Lower Upper

95 100

174 83.5 0.0 163.0

176 80.5 0.0 155.0

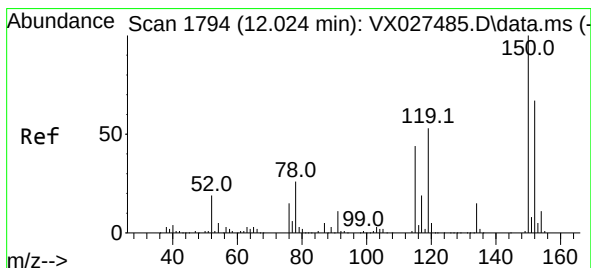
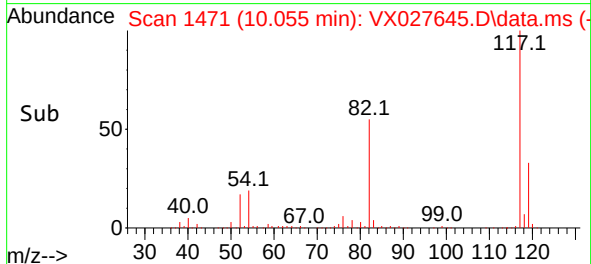
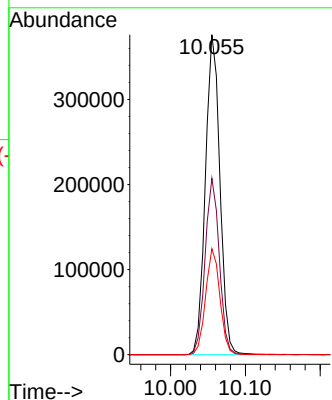
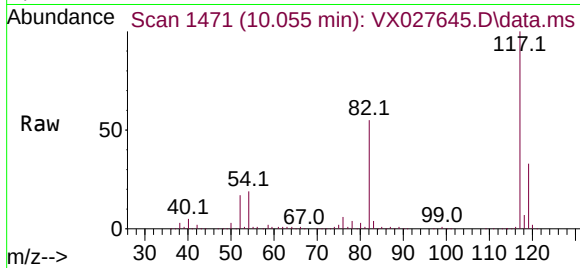




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027645.D
Acq: 23 Mar 2022 04:30

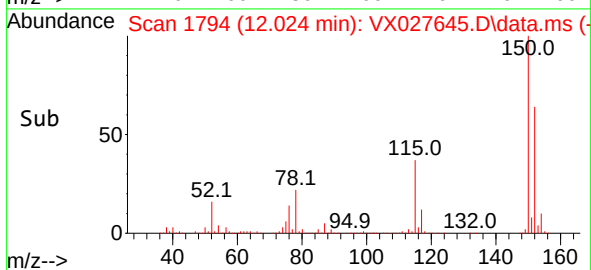
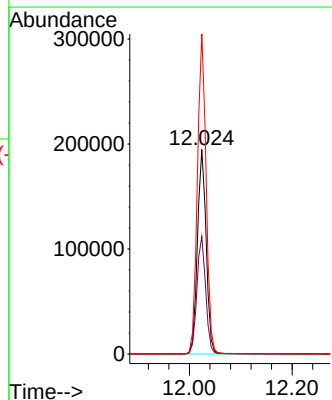
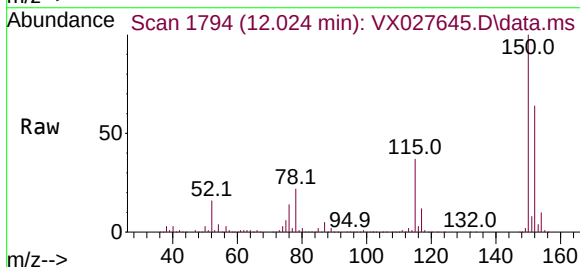
Instrument :
MSVOA_X
ClientSampleId :
MW-123

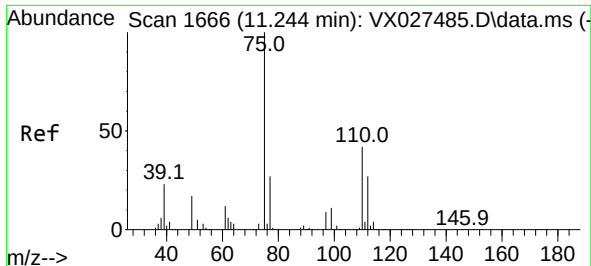
Tgt Ion:117 Resp: 507722
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 33.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027645.D
Acq: 23 Mar 2022 04:30

Tgt Ion:152 Resp: 230095
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 156.2 0.0 338.2

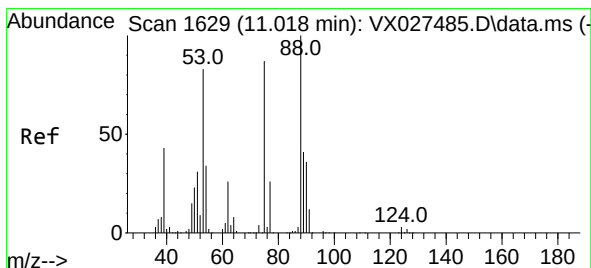
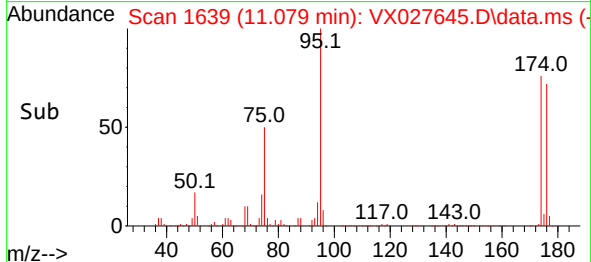
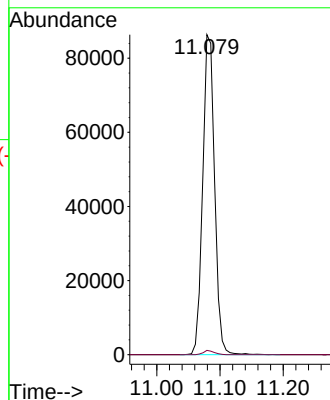
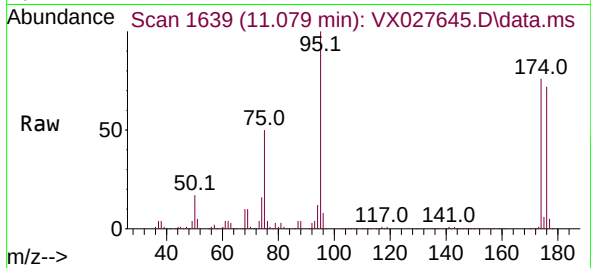




#76
1,2,3-Trichloropropane
Concen: 23.520 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027645.D
Acq: 23 Mar 2022 04:30

Instrument :
MSVOA_X
ClientSampleId :
MW-123

Tgt Ion: 75 Resp: 113197
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.431 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027645.D
Acq: 23 Mar 2022 04:30

Tgt Ion: 75 Resp: 113197
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

