

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026626.D
 Acq On : 27 Jan 2022 15:54
 Operator : JC/MD
 Sample : N1296-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8BRB

Quant Time: Jan 28 04:26:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

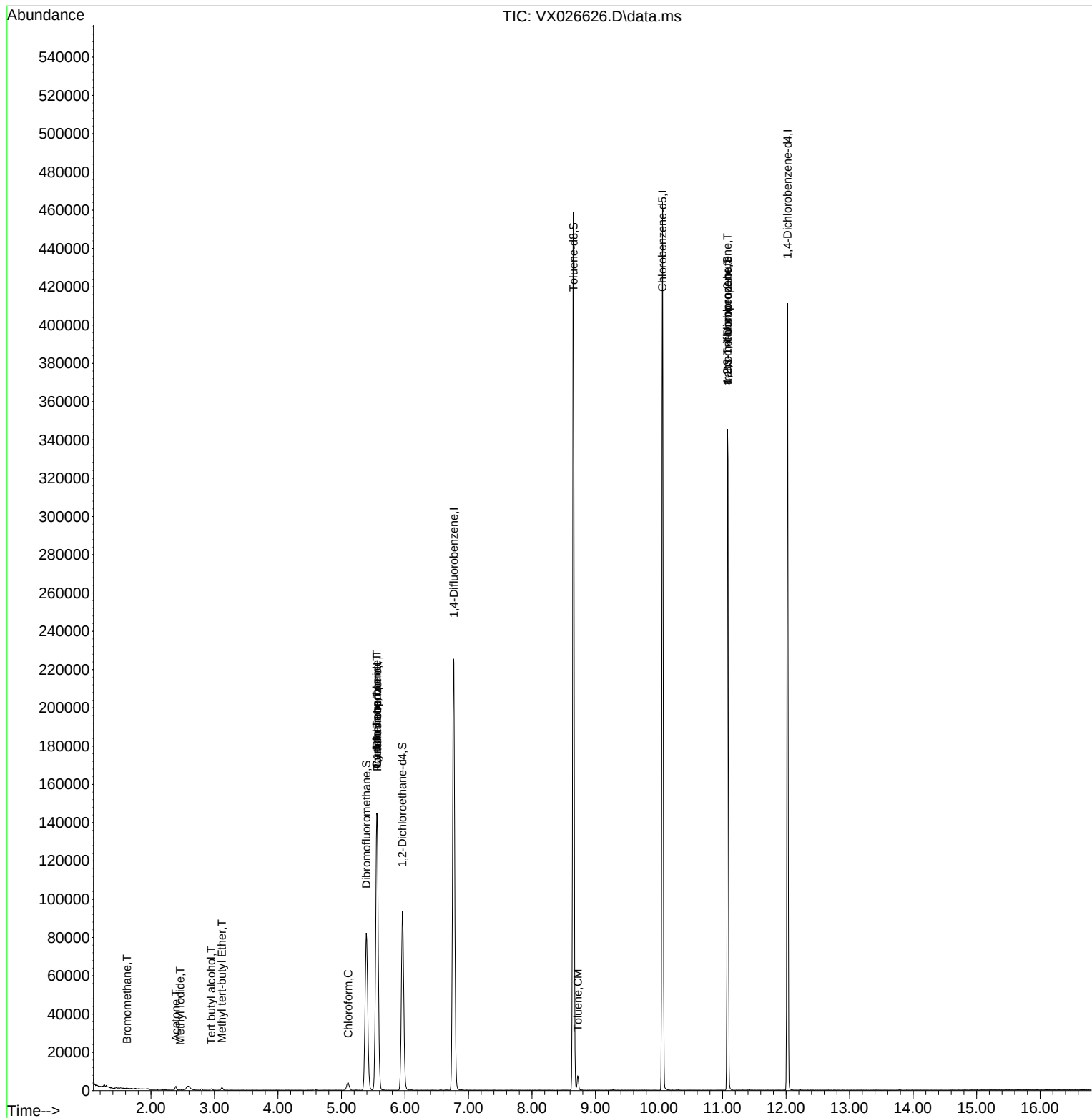
Internal Standards						
1) Pentafluorobenzene	5.562	168	137730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90227	46.896	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.800%
35) Dibromofluoromethane	5.391	113	72552	48.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.653	98	270714	49.772	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.540%
62) 4-Bromofluorobenzene	11.079	95	94224	48.766	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	201	0.278	ug/l	82
10) Methyl Iodide	2.459	142	351	4.642	ug/l #	78
11) Tert butyl alcohol	2.946	59	495	1.849	ug/l #	75
16) Acetone	2.392	43	2361	2.406	ug/l #	84
19) Methyl tert-butyl Ether	3.117	73	1650	0.316	ug/l #	83
30) Chloroform	5.104	83	4868	1.615	ug/l	99
31) Cyclohexane	5.556	56	2804	0.988	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10552	4.429	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14513	5.921	ug/l #	16
52) Toluene	8.720	92	2977	0.737	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	47201	26.181	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47201	79.344	ug/l #	3

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

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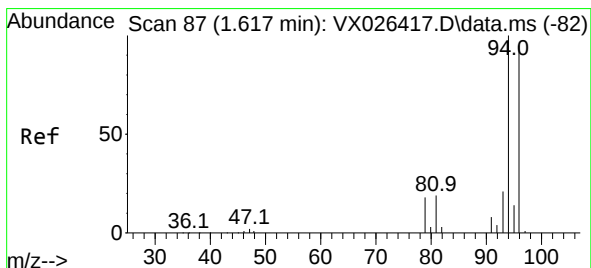
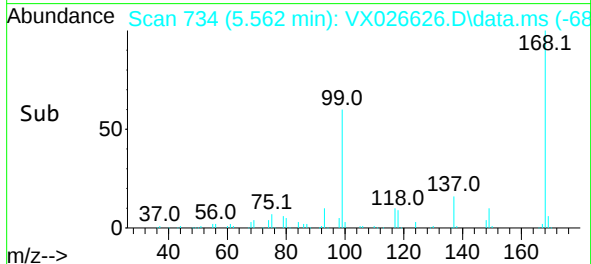
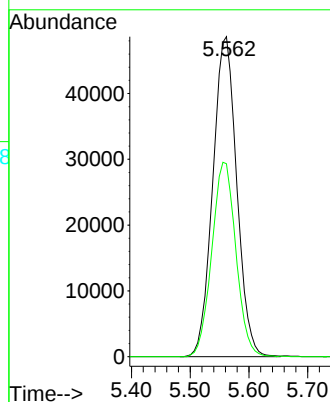
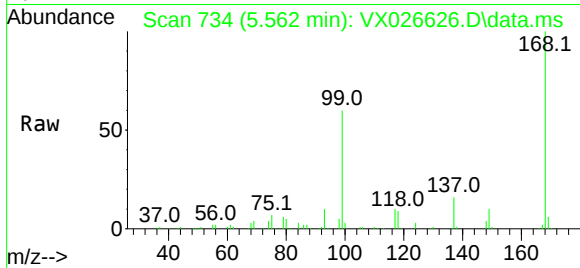




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

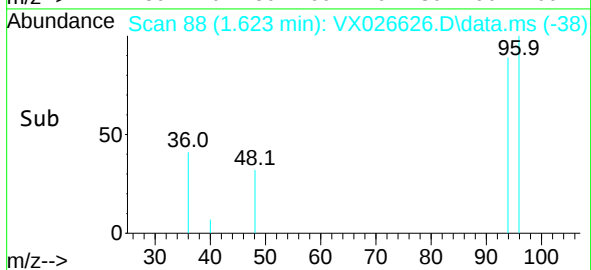
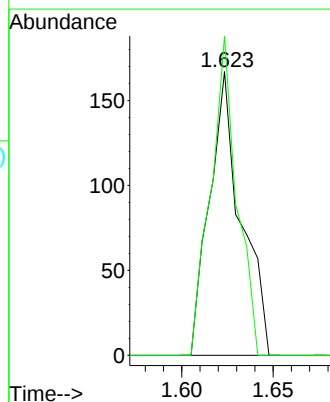
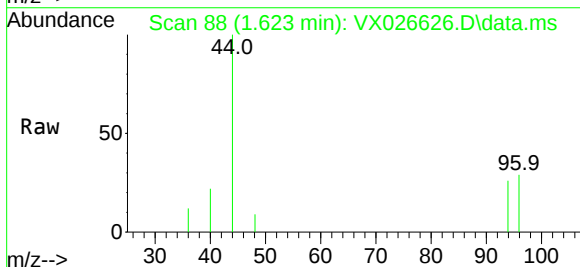
Instrument :
MSVOA_X
ClientSampleId :
MW-8BRB

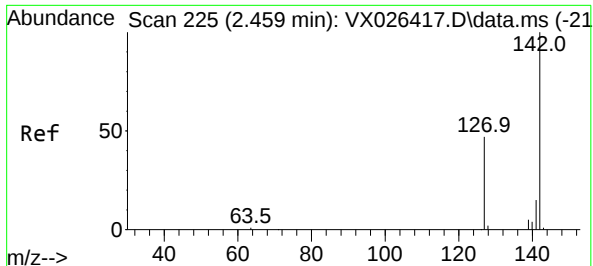
Tgt Ion:168 Resp: 137730
Ion Ratio Lower Upper
168 100
99 60.3 50.3 75.5



#5
Bromomethane
Concen: 0.278 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

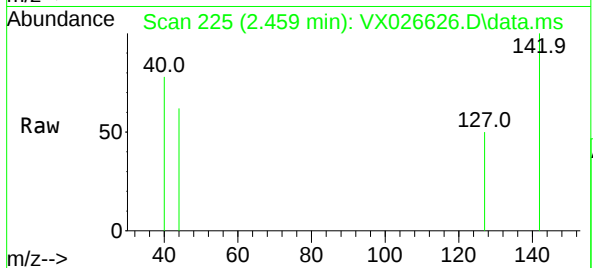
Tgt Ion: 94 Resp: 201
Ion Ratio Lower Upper
94 100
96 112.6 75.9 113.9



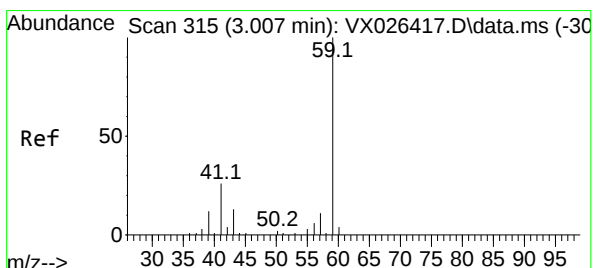
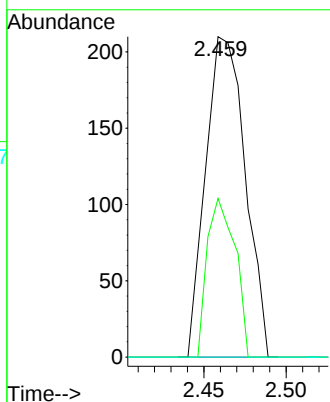
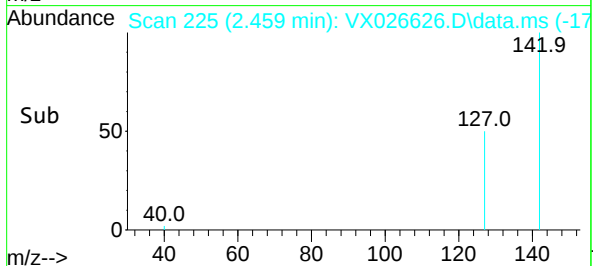


#10
Methyl Iodide
Concen: 4.642 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

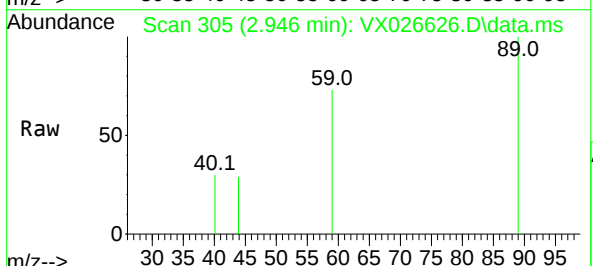
Instrument :
MSVOA_X
ClientSampleId :
MW-8BRB



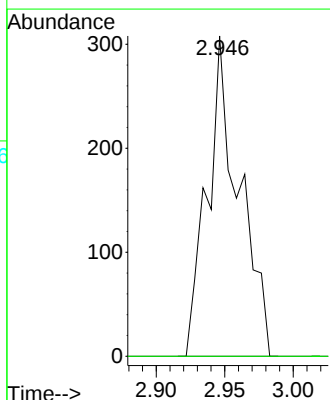
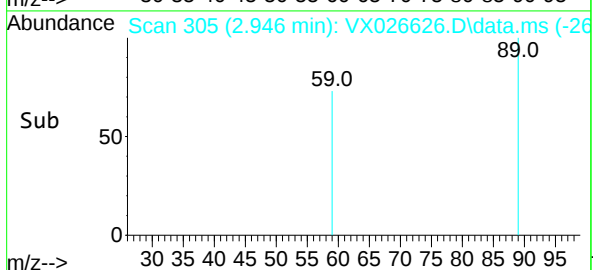
Tgt Ion:142 Resp: 351
Ion Ratio Lower Upper
142 100
127 35.0 38.1 57.1#
141 0.0 11.2 16.8#

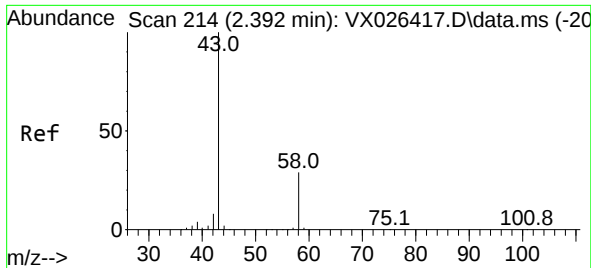


#11
Tert butyl alcohol
Concen: 1.849 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54



Tgt Ion: 59 Resp: 495
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

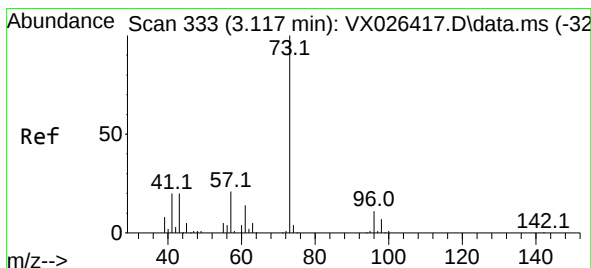
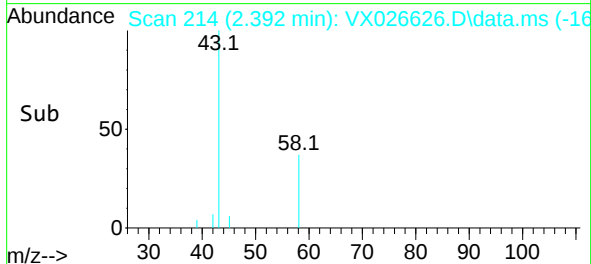
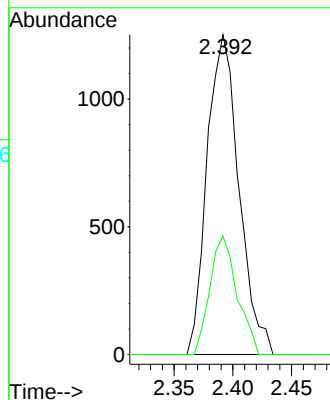
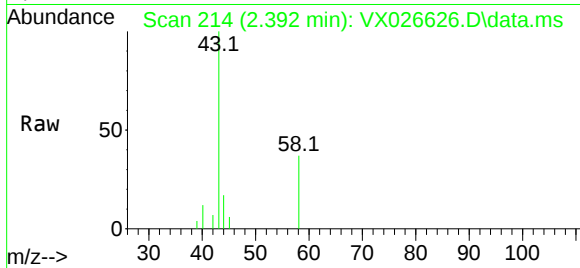




#16
Acetone
Concen: 2.406 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

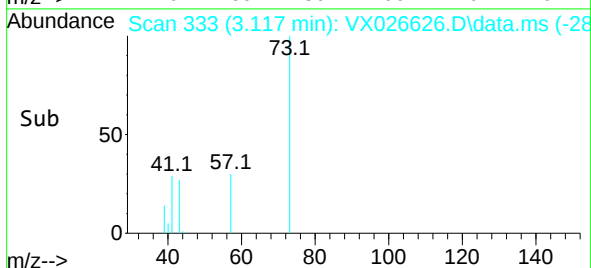
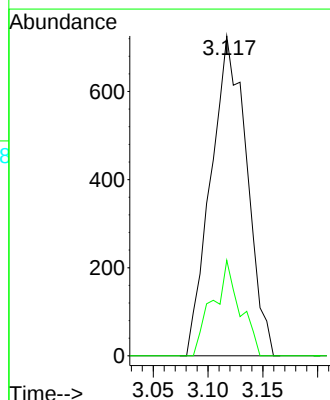
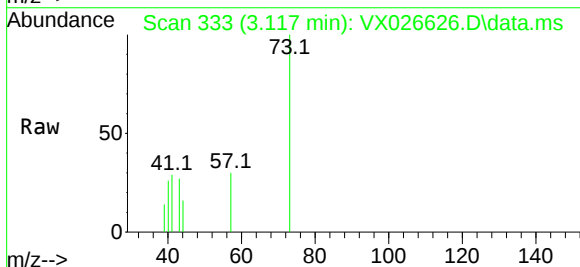
Instrument :
MSVOA_X
ClientSampleId :
MW-8BRB

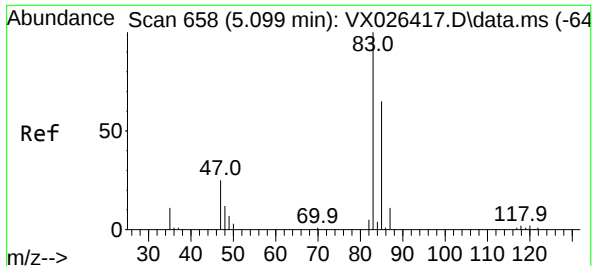
Tgt Ion: 43 Resp: 2361
Ion Ratio Lower Upper
43 100
58 37.1 23.0 34.6#



#19
Methyl tert-butyl Ether
Concen: 0.316 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

Tgt Ion: 73 Resp: 1650
Ion Ratio Lower Upper
73 100
57 29.9 17.4 26.2#





#30

Chloroform

Concen: 1.615 ug/l

RT: 5.104 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX026626.D

Acq: 27 Jan 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

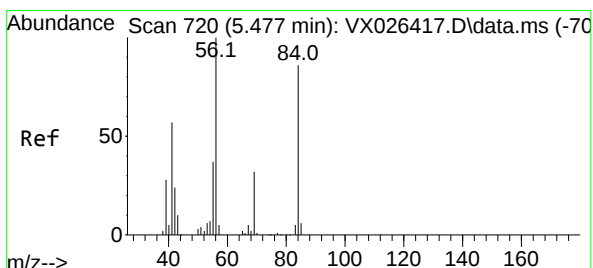
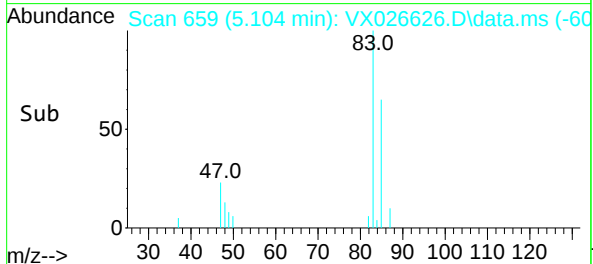
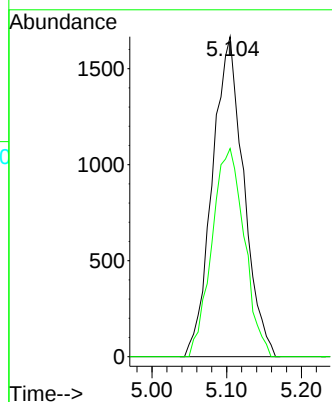
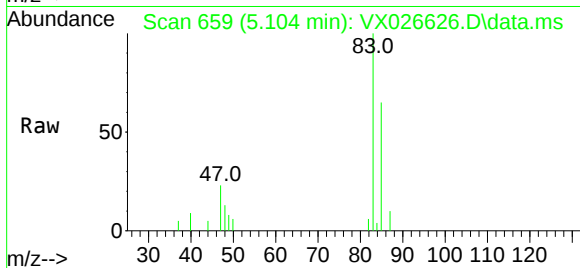
MW-8BRB

Tgt Ion: 83 Resp: 4868

Ion Ratio Lower Upper

83 100

85 65.0 51.6 77.4



#31

Cyclohexane

Concen: 0.988 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026626.D

Acq: 27 Jan 2022 15:54

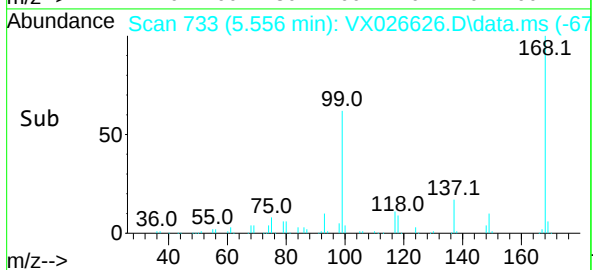
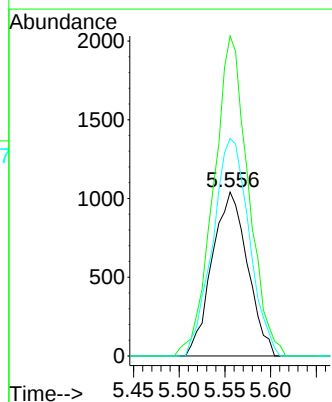
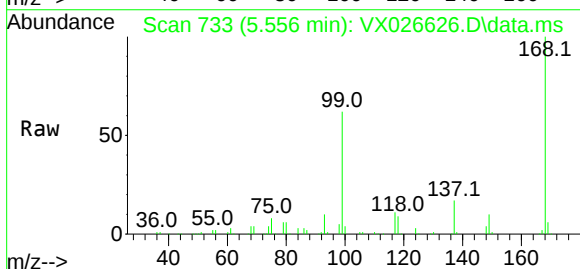
Tgt Ion: 56 Resp: 2804

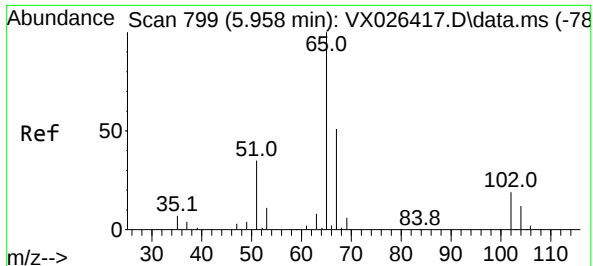
Ion Ratio Lower Upper

56 100

69 190.6 25.8 38.6#

84 132.8 68.9 103.3#

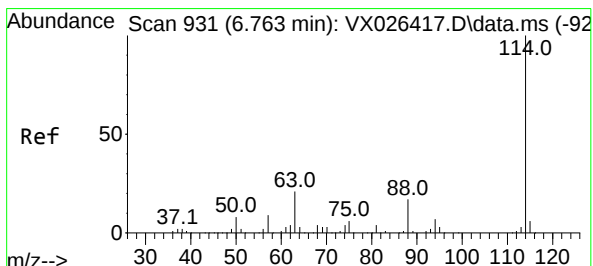
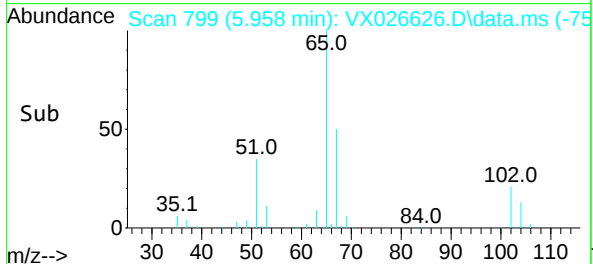
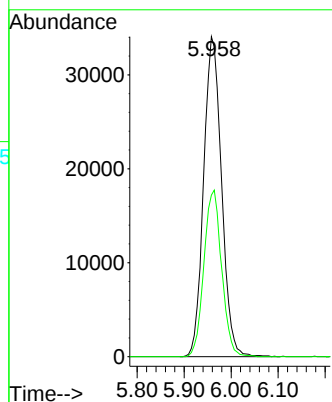
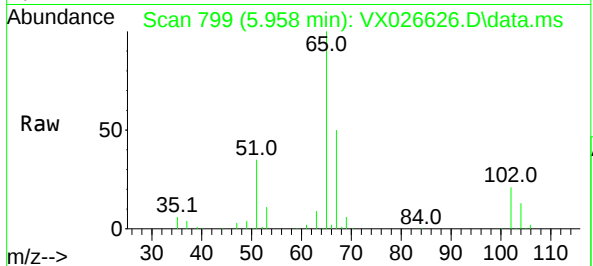




#33
 1,2-Dichloroethane-d4
 Concen: 46.896 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX026626.D
 Acq: 27 Jan 2022 15:54

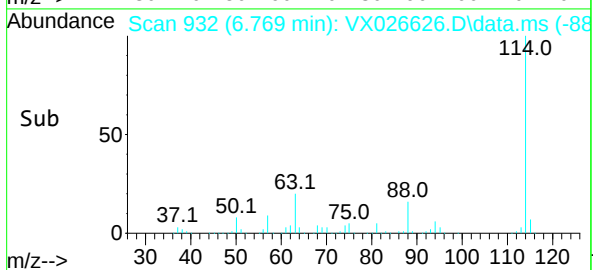
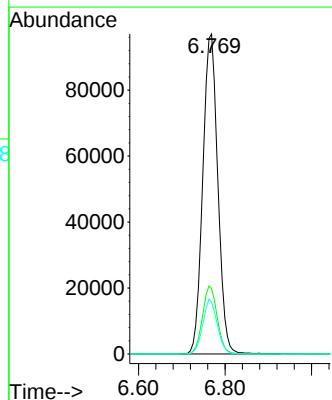
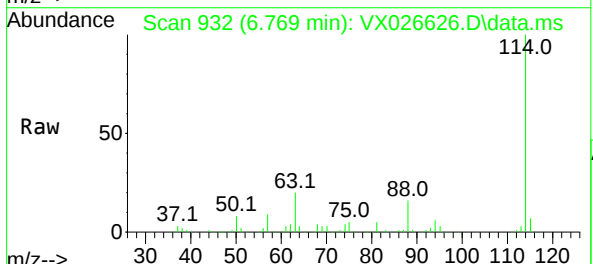
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8BRB

Tgt Ion: 65 Resp: 90227
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX026626.D
 Acq: 27 Jan 2022 15:54

Tgt Ion: 114 Resp: 233730
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.8
 88 16.1 0.0 33.0

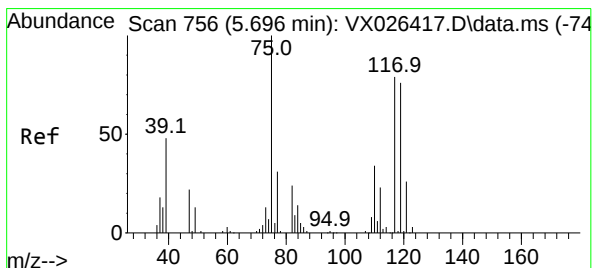
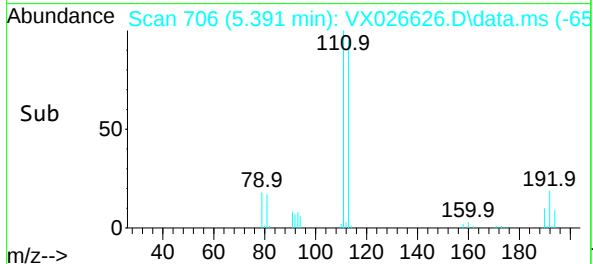
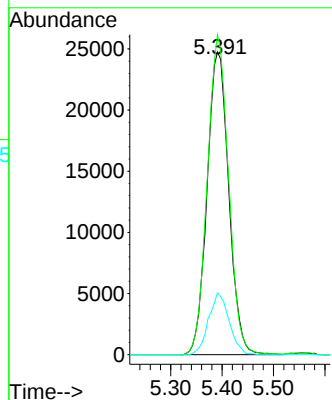
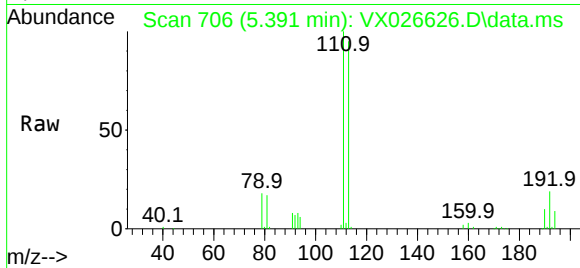




#35
Dibromofluoromethane
Concen: 48.068 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

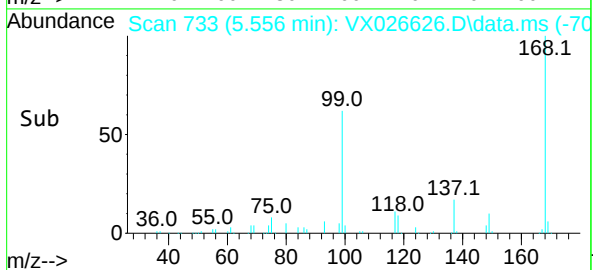
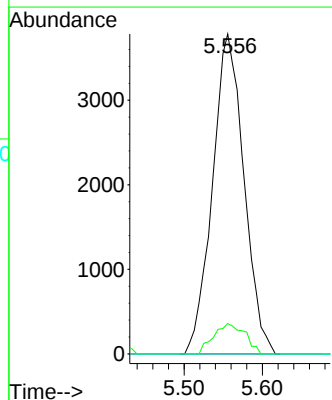
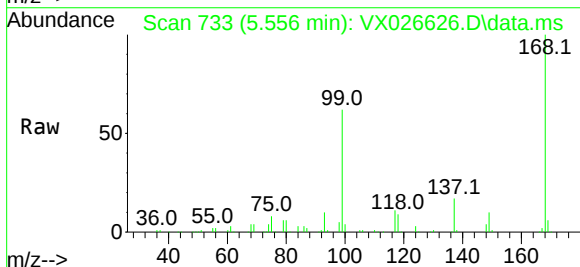
Instrument :
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ClientSampleId :
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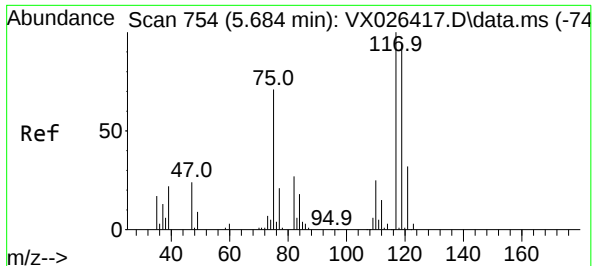
Tgt Ion:113 Resp: 72552
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 19.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.429 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

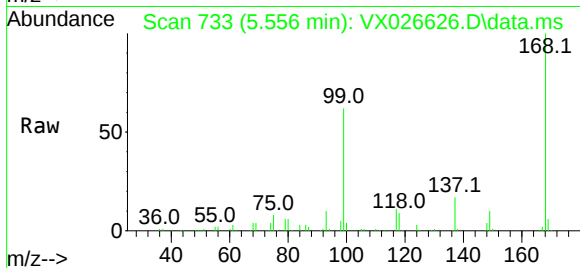
Tgt Ion: 75 Resp: 10552
Ion Ratio Lower Upper
75 100
110 9.5 17.2 51.6#
77 0.0 24.6 36.8#



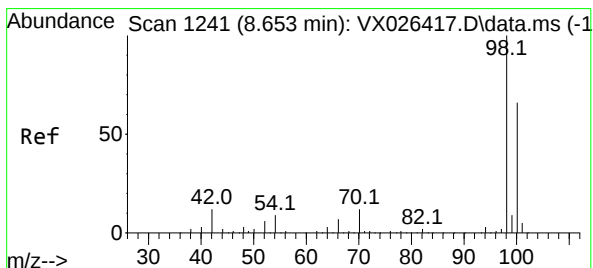
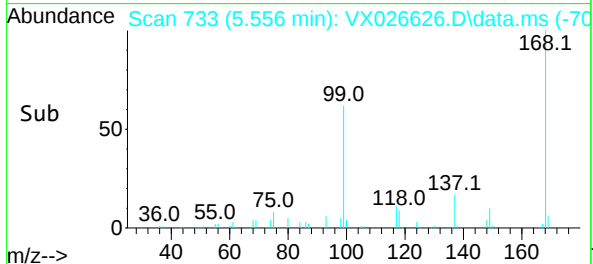
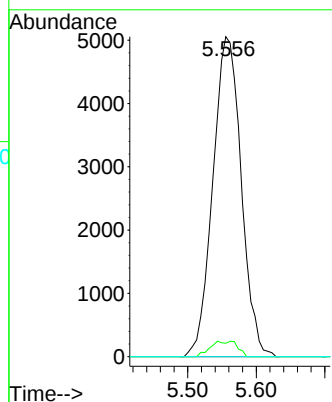


#38
Carbon Tetrachloride
Concen: 5.921 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :
MW-8BRB

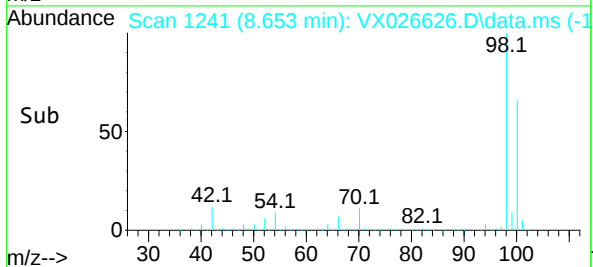
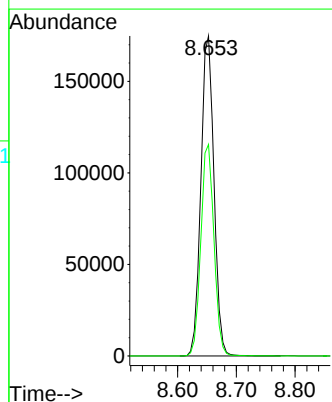
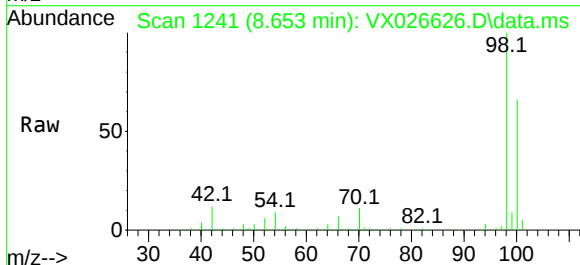


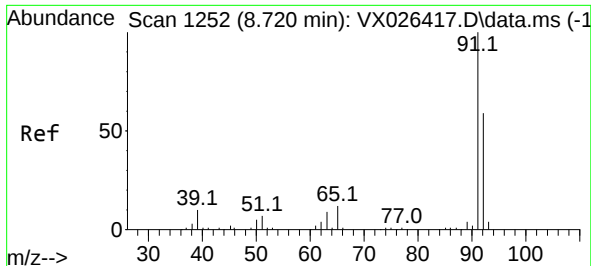
Tgt Ion:117 Resp: 14513
Ion Ratio Lower Upper
117 100
119 4.2 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.772 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

Tgt Ion: 98 Resp: 270714
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8

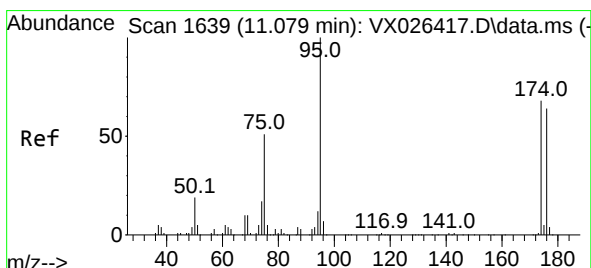
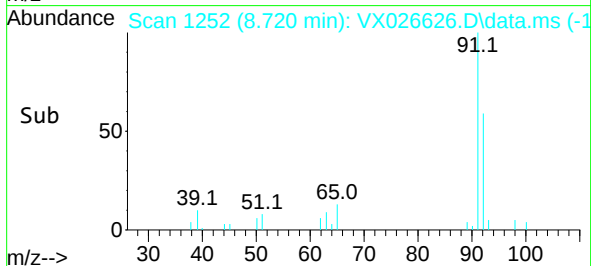
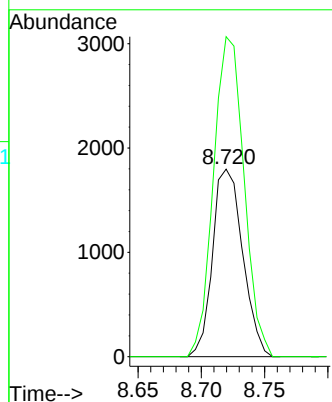
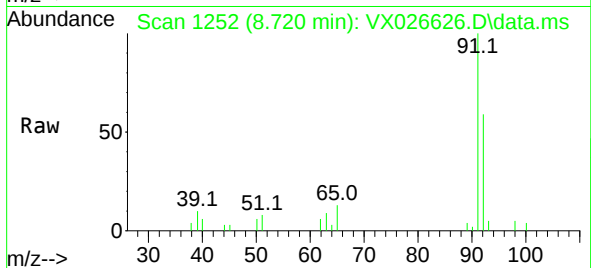




#52
Toluene
Concen: 0.737 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

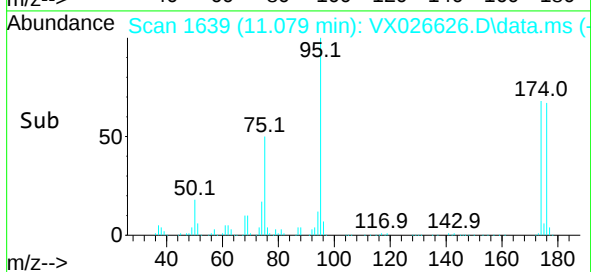
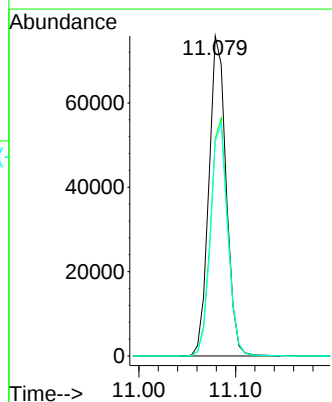
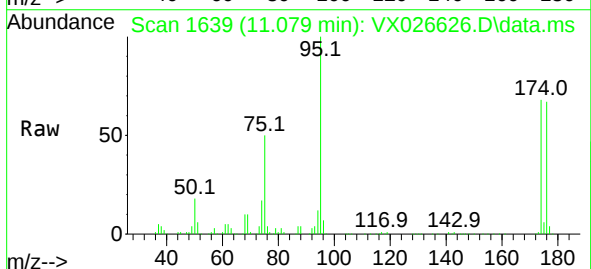
Instrument :
MSVOA_X
ClientSampleId :
MW-8BRB

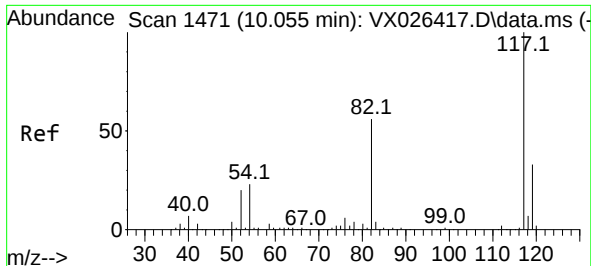
Tgt Ion: 92 Resp: 2977
Ion Ratio Lower Upper
92 100
91 173.0 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 48.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

Tgt Ion: 95 Resp: 94224
Ion Ratio Lower Upper
95 100
174 74.8 0.0 148.6
176 72.0 0.0 141.4

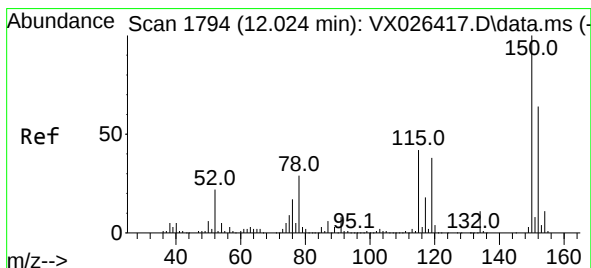
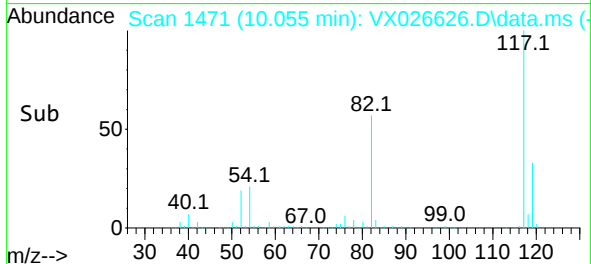
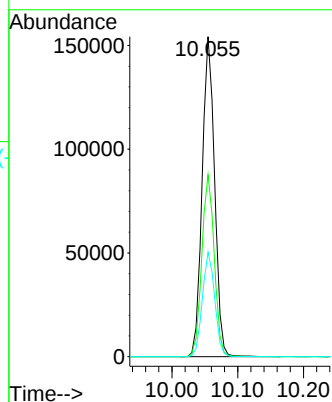
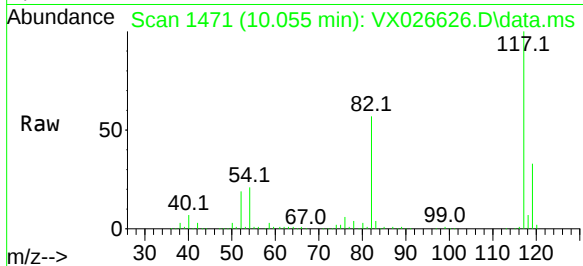




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

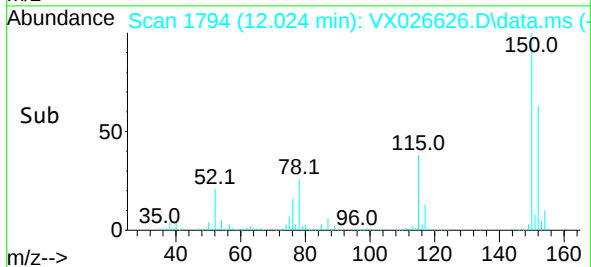
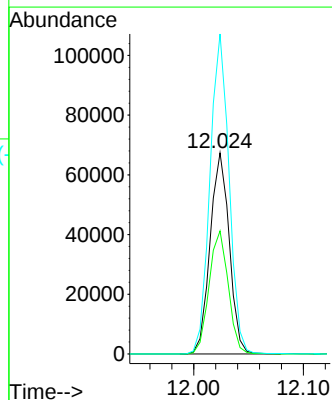
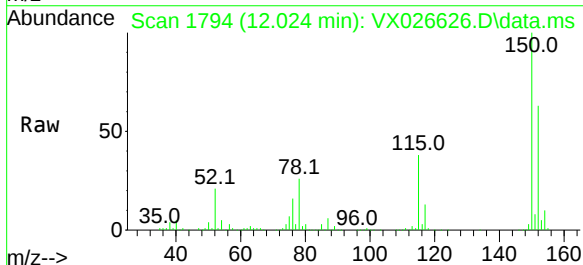
Instrument :
MSVOA_X
ClientSampleId :
MW-8BRB

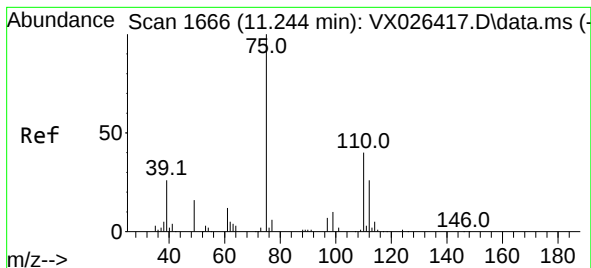
Tgt Ion:117 Resp: 203215
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 32.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026626.D
Acq: 27 Jan 2022 15:54

Tgt Ion:152 Resp: 81883
Ion Ratio Lower Upper
152 100
115 61.2 44.2 132.6
150 158.2 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 26.181 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX026626.D

Acq: 27 Jan 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

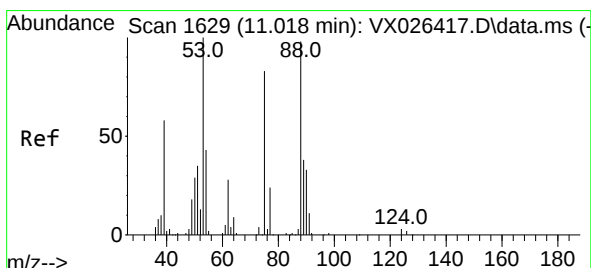
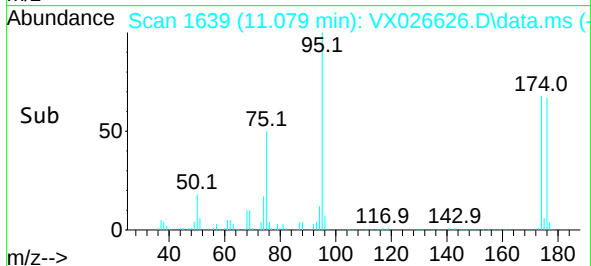
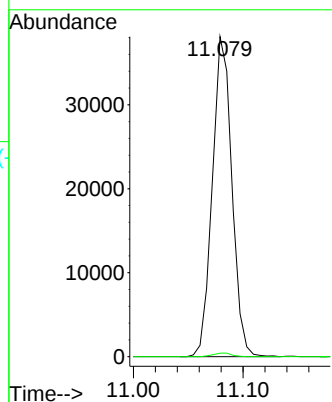
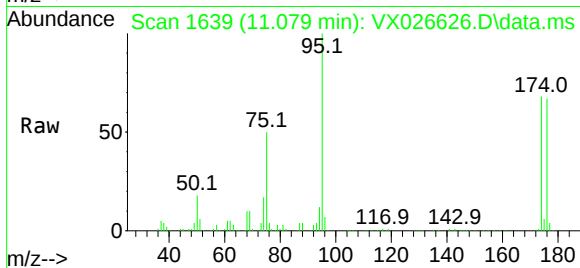
MW-8BRB

Tgt Ion: 75 Resp: 47201

Ion Ratio Lower Upper

75 100

77 1.1 18.3 54.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.344 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX026626.D

Acq: 27 Jan 2022 15:54

Tgt Ion: 75 Resp: 47201

Ion Ratio Lower Upper

75 100

53 0.0 94.0 141.0#

89 0.0 37.0 55.4#

