

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026647.D
 Acq On : 28 Jan 2022 13:39
 Operator : JC/MD
 Sample : N1297-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Jan 29 02:18:45 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)

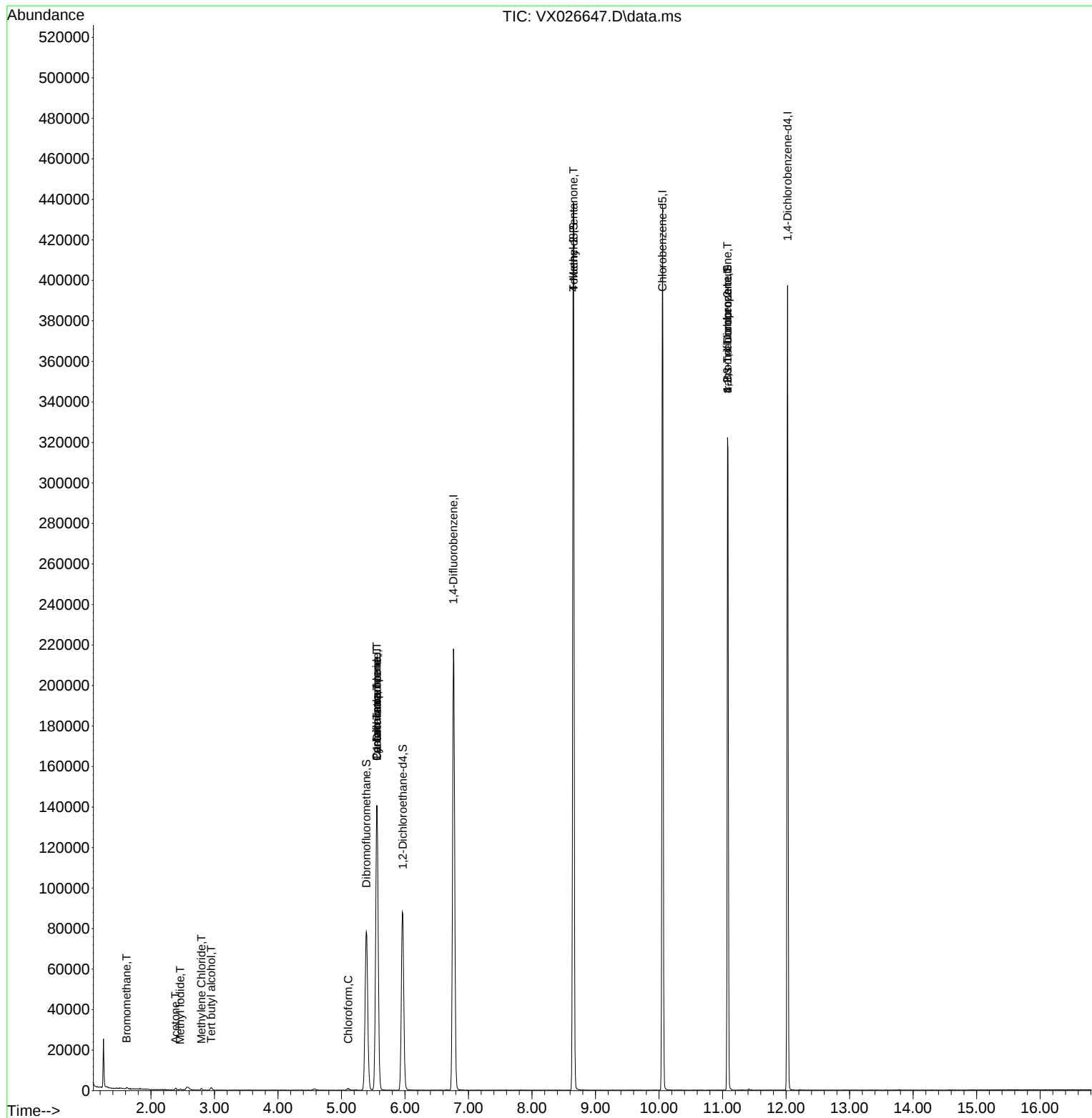
Internal Standards						
1) Pentafluorobenzene	5.556	168	132850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	86246	46.473	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.940%
35) Dibromofluoromethane	5.391	113	69907	48.428	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	8.653	98	259314	49.850	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	90496	48.972	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.940%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	273	0.392	ug/l #	79
10) Methyl Iodide	2.459	142	676	4.839	ug/l #	78
11) Tert butyl alcohol	2.947	59	824	3.192	ug/l #	75
16) Acetone	2.386	43	1031	1.089	ug/l	98
20) Methylene Chloride	2.794	84	448	0.287	ug/l #	63
30) Chloroform	5.105	83	1059	0.364	ug/l	89
31) Cyclohexane	5.556	56	2760	1.008	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10008	4.392	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13908	5.933	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1112	0.503	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45303	25.953	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45303	78.699	ug/l #	3

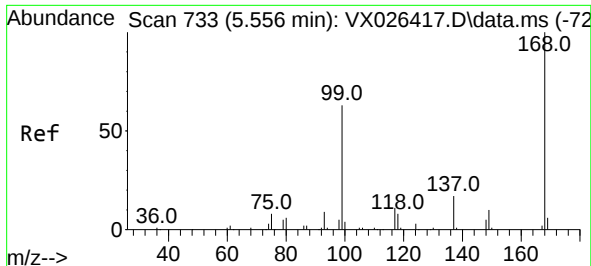
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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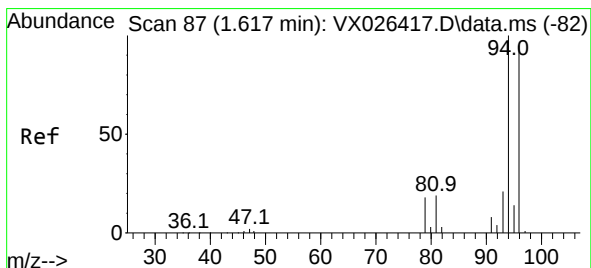
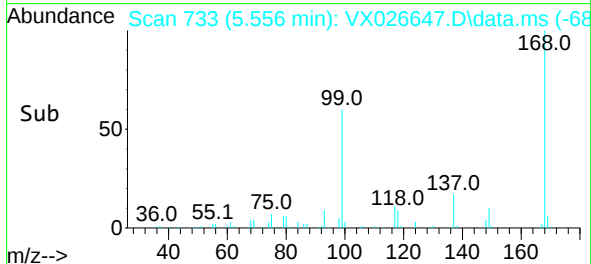
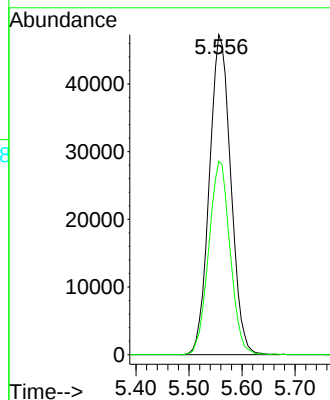
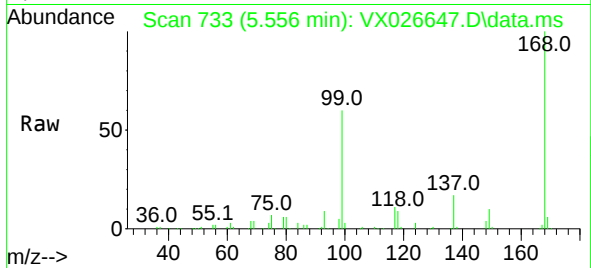




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026647.D
Acq: 28 Jan 2022 13:39

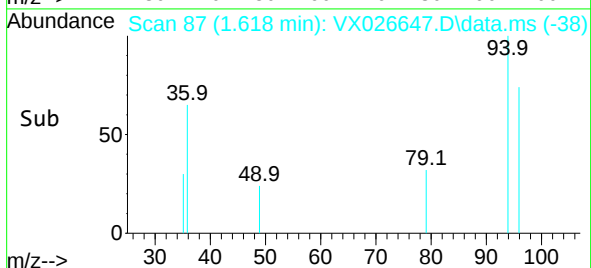
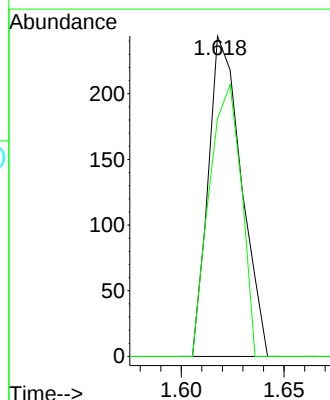
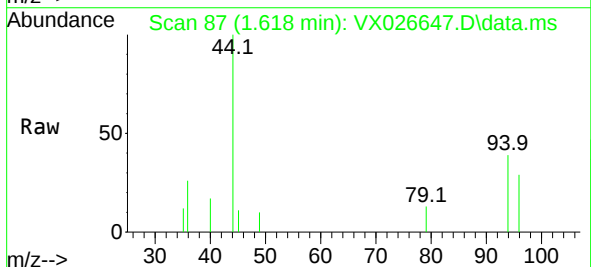
Instrument :
MSVOA_X
ClientSampleId :
TB

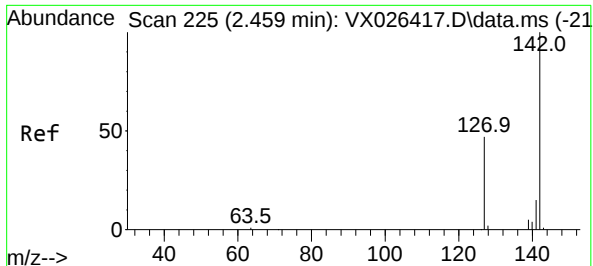
Tgt Ion:168 Resp: 132850
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#5
Bromomethane
Concen: 0.392 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX026647.D
Acq: 28 Jan 2022 13:39

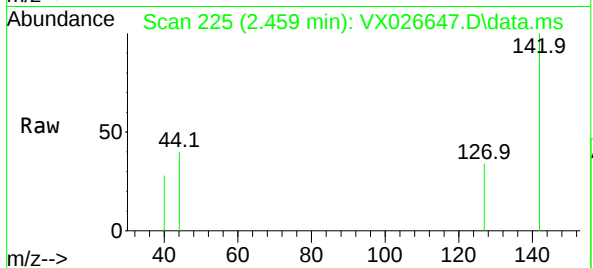
Tgt Ion: 94 Resp: 273
Ion Ratio Lower Upper
94 100
96 74.2 75.9 113.9#



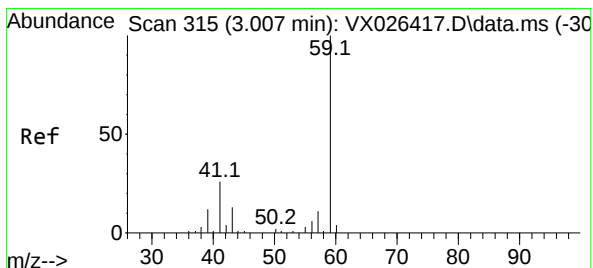
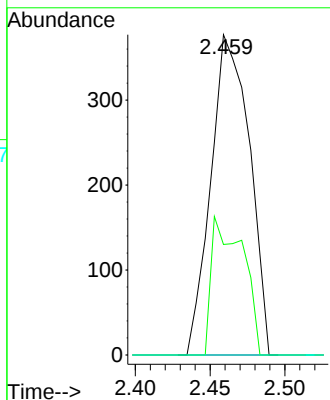
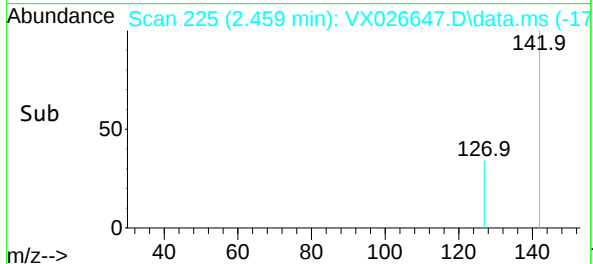


#10
Methyl Iodide
Concen: 4.839 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026647.D
Acq: 28 Jan 2022 13:39

Instrument :
MSVOA_X
ClientSampleId :
TB

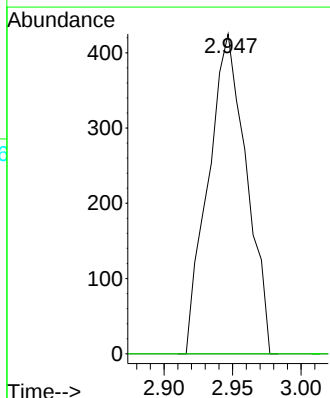
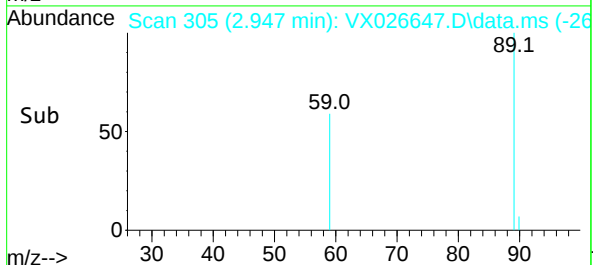
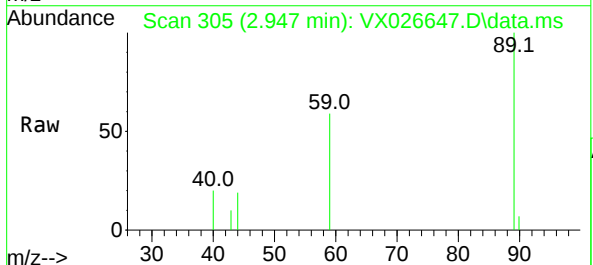


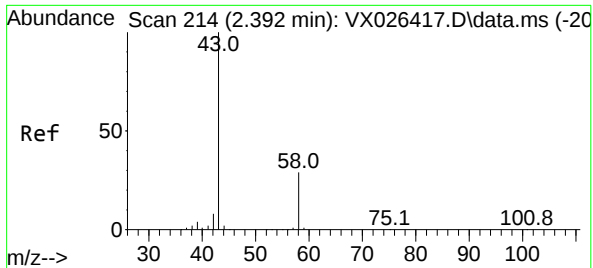
Tgt Ion:142 Resp: 676
Ion Ratio Lower Upper
142 100
127 35.2 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 3.192 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX026647.D
Acq: 28 Jan 2022 13:39

Tgt Ion: 59 Resp: 824
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#16

Acetone

Concen: 1.089 ug/l

RT: 2.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX026647.D

Acq: 28 Jan 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

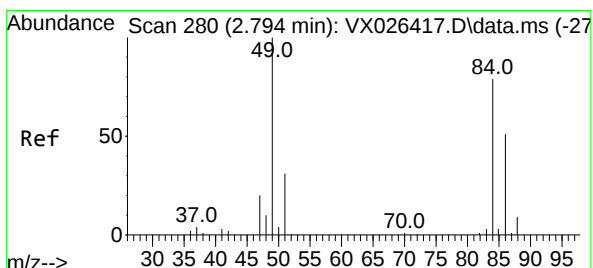
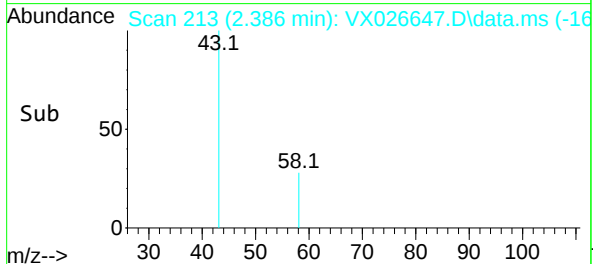
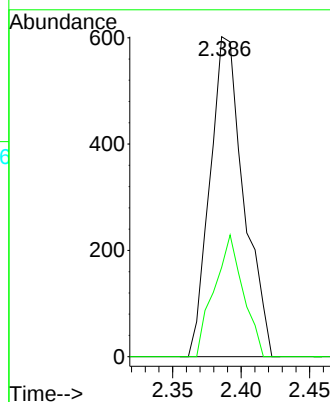
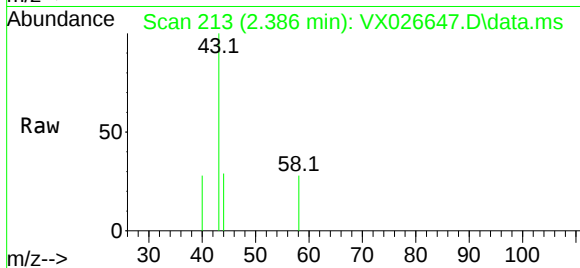
TB

Tgt Ion: 43 Resp: 1031

Ion Ratio Lower Upper

43 100

58 27.9 23.0 34.6



#20

Methylene Chloride

Concen: 0.287 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX026647.D

Acq: 28 Jan 2022 13:39

Tgt Ion: 84 Resp: 448

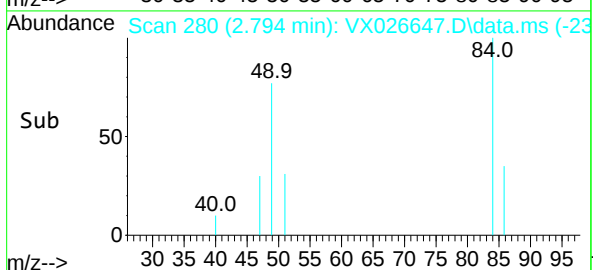
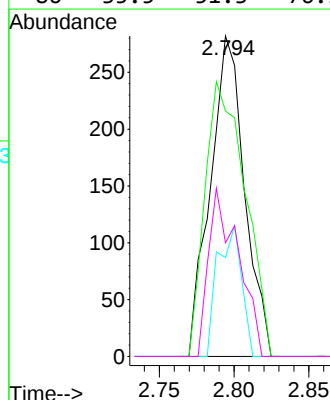
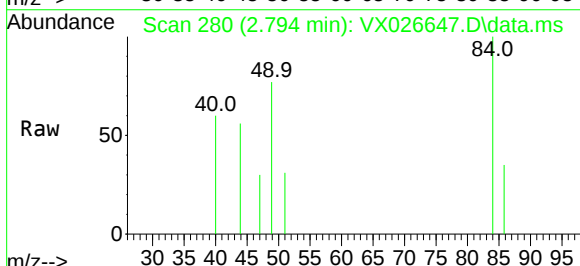
Ion Ratio Lower Upper

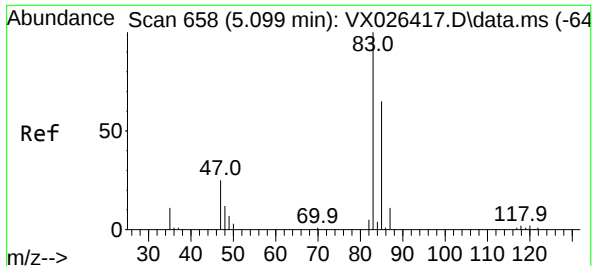
84 100

49 76.6 101.5 152.3#

51 30.9 31.2 46.8#

86 35.5 51.3 76.9#





#30

Chloroform

Concen: 0.364 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX026647.D

Acq: 28 Jan 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

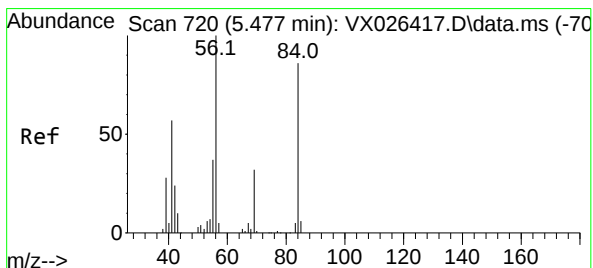
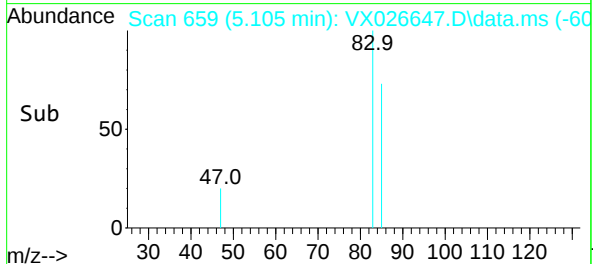
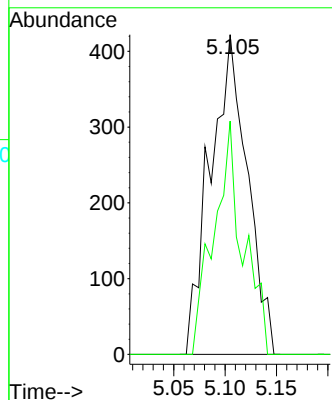
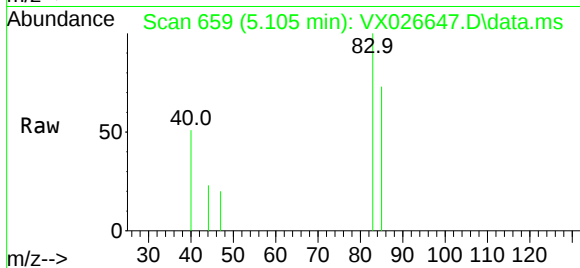
TB

Tgt Ion: 83 Resp: 1059

Ion Ratio Lower Upper

83 100

85 73.0 51.6 77.4



#31

Cyclohexane

Concen: 1.008 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026647.D

Acq: 28 Jan 2022 13:39

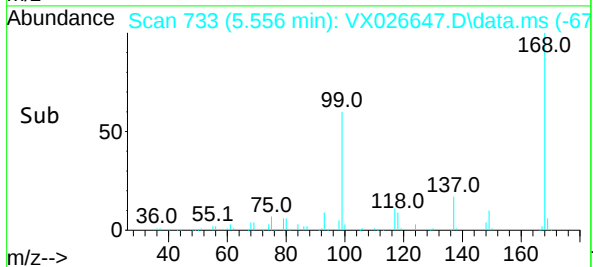
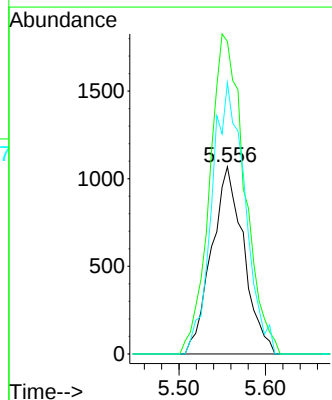
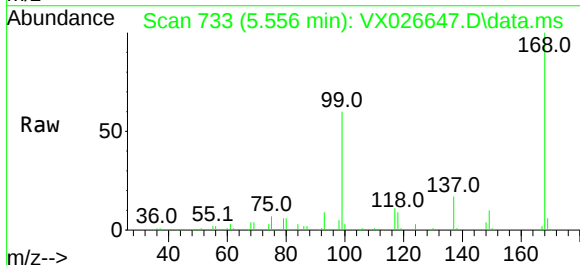
Tgt Ion: 56 Resp: 2760

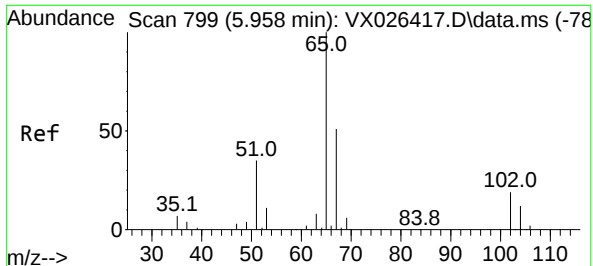
Ion Ratio Lower Upper

56 100

69 166.9 25.8 38.6#

84 144.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 46.473 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026647.D

Acq: 28 Jan 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

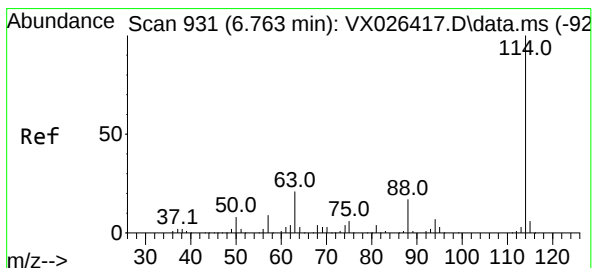
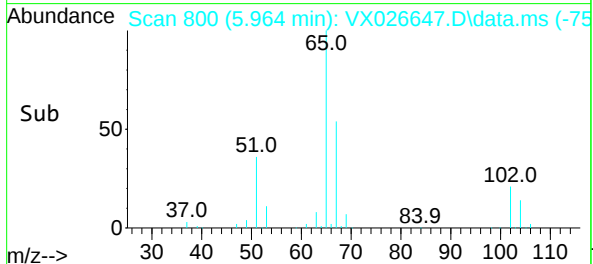
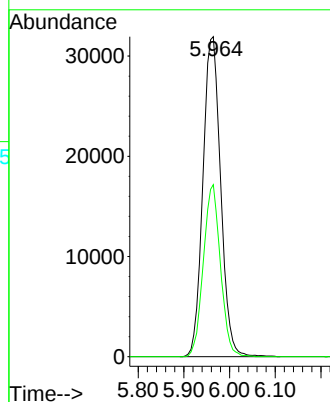
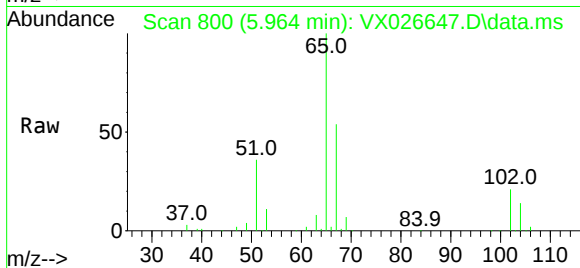
TB

Tgt Ion: 65 Resp: 86246

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026647.D

Acq: 28 Jan 2022 13:39

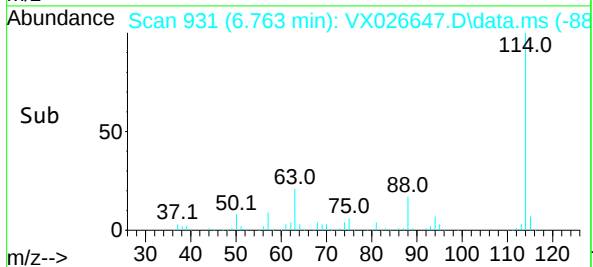
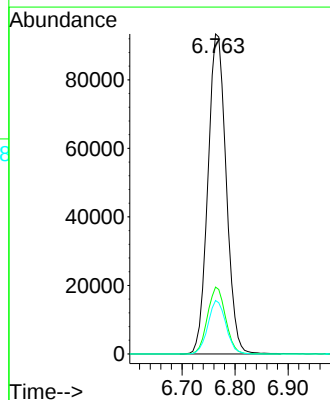
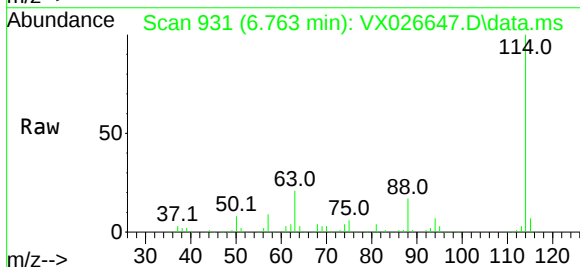
Tgt Ion:114 Resp: 223538

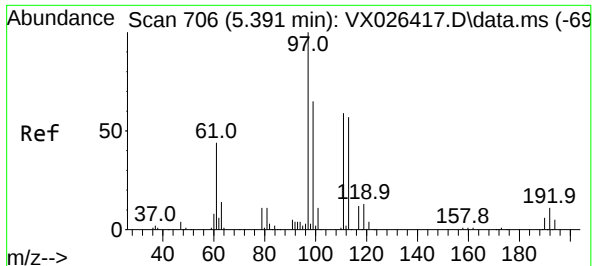
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 16.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.428 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026647.D

Acq: 28 Jan 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

TB

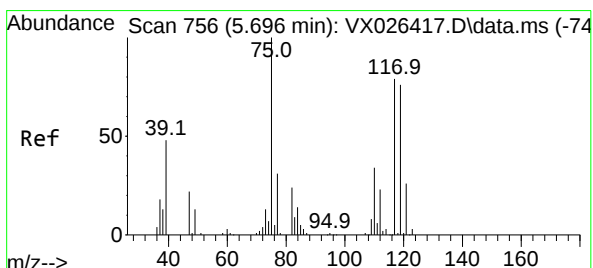
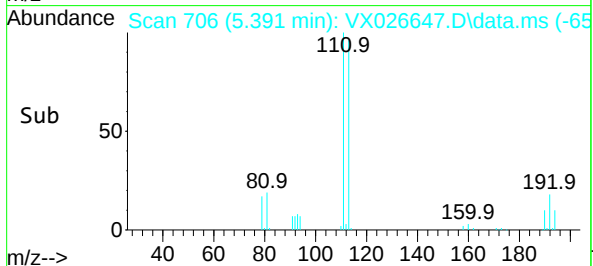
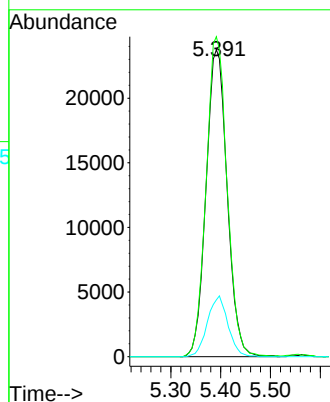
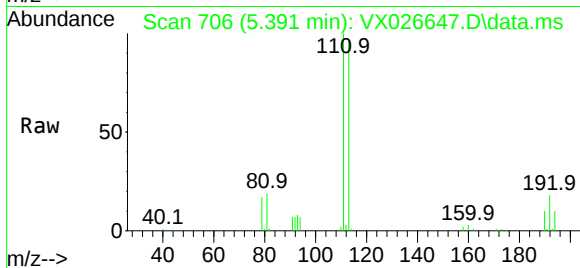
Tgt Ion:113 Resp: 69907

Ion Ratio Lower Upper

113 100

111 103.3 81.2 121.8

192 19.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.392 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026647.D

Acq: 28 Jan 2022 13:39

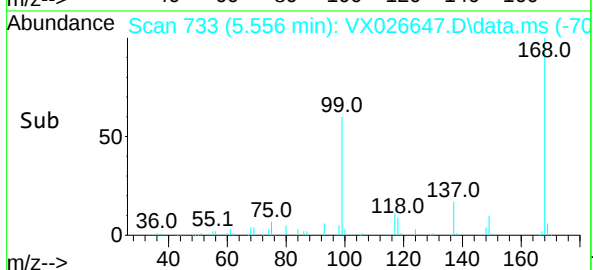
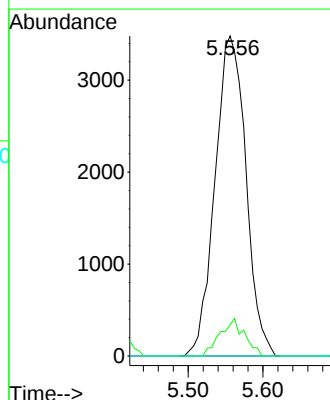
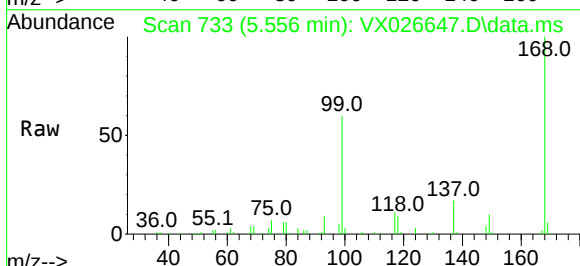
Tgt Ion: 75 Resp: 10008

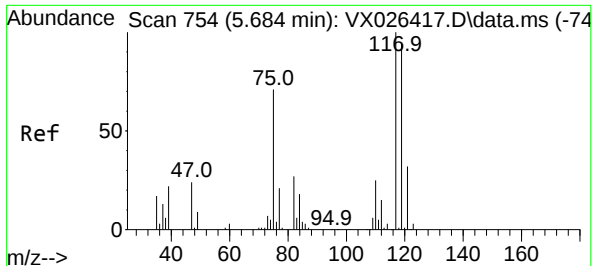
Ion Ratio Lower Upper

75 100

110 9.3 17.2 51.6#

77 0.0 24.6 36.8#

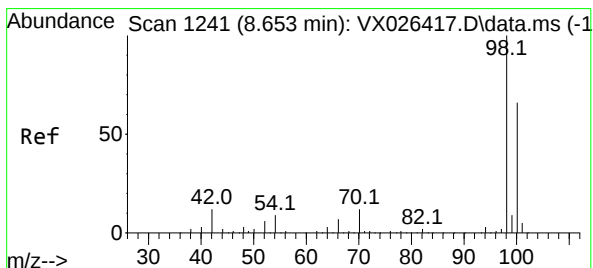
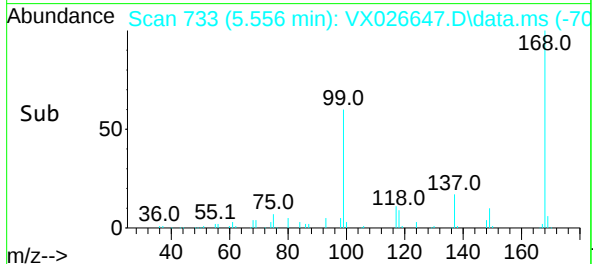
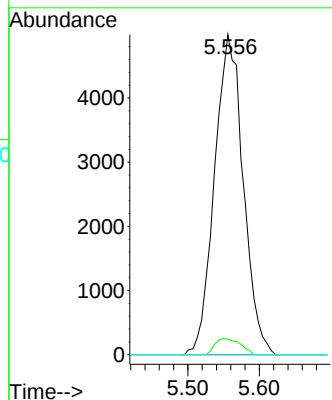
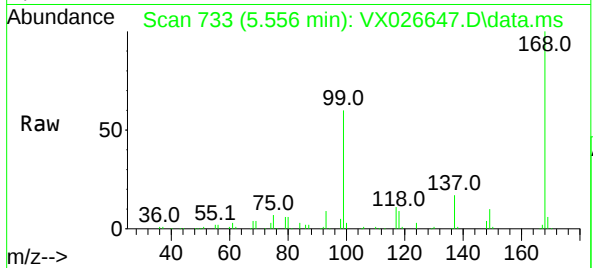




#38
Carbon Tetrachloride
Concen: 5.933 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026647.D
Acq: 28 Jan 2022 13:39

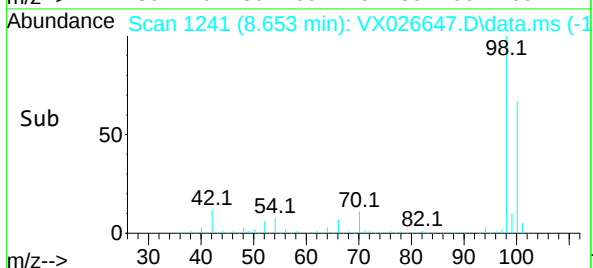
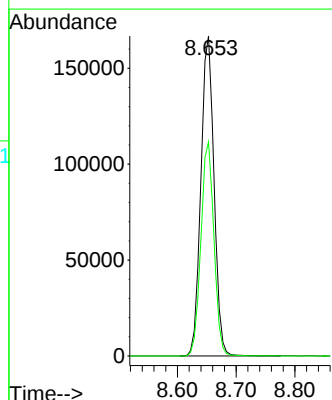
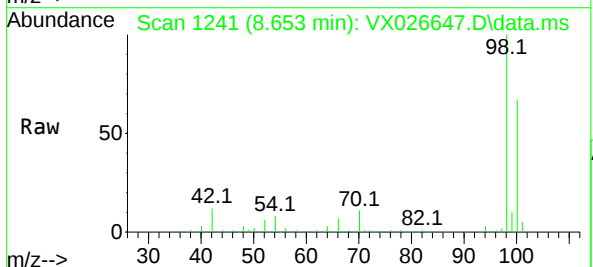
Instrument :
MSVOA_X
ClientSampleId :
TB

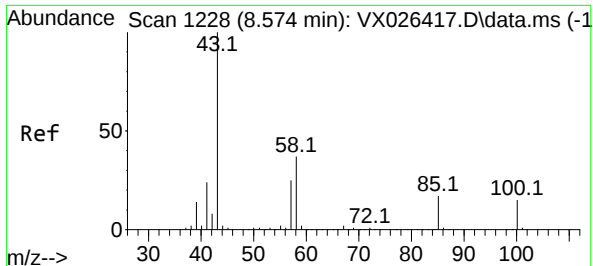
Tgt Ion:117 Resp: 13908
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.850 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026647.D
Acq: 28 Jan 2022 13:39

Tgt Ion: 98 Resp: 259314
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.503 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX026647.D

Acq: 28 Jan 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

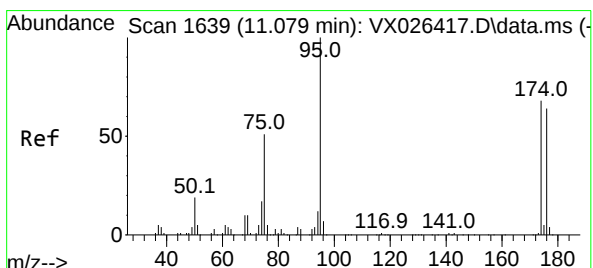
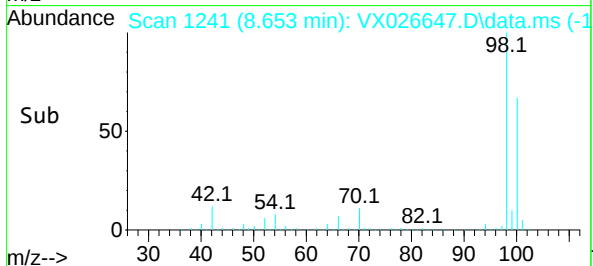
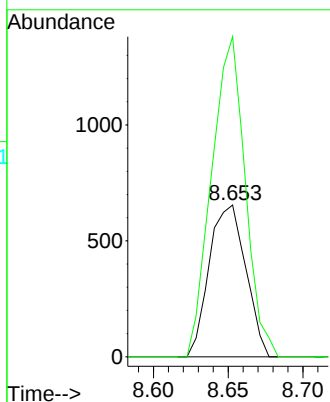
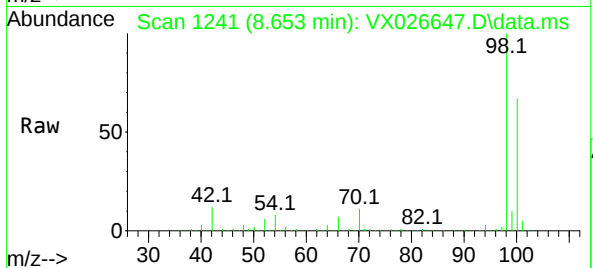
TB

Tgt Ion: 43 Resp: 1112

Ion Ratio Lower Upper

43 100

58 194.1 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 48.972 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026647.D

Acq: 28 Jan 2022 13:39

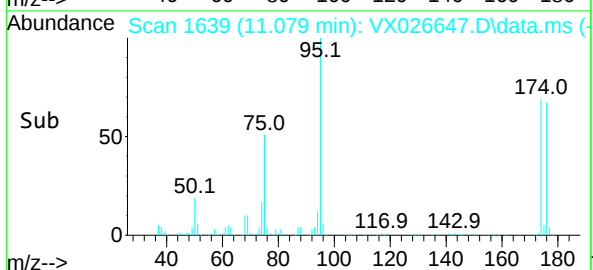
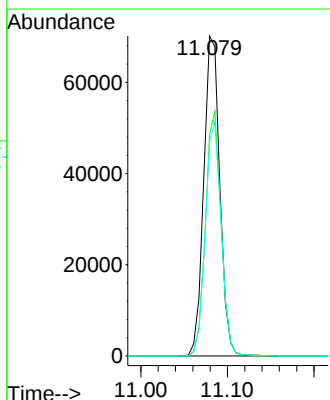
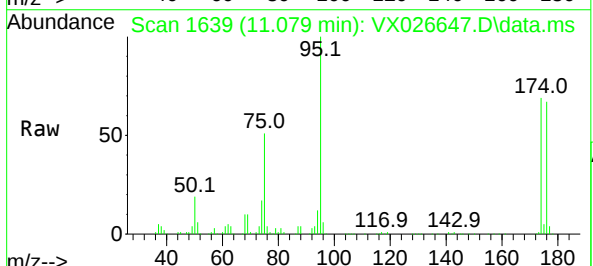
Tgt Ion: 95 Resp: 90496

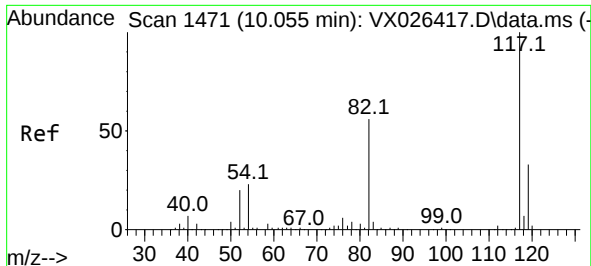
Ion Ratio Lower Upper

95 100

174 74.1 0.0 148.6

176 72.3 0.0 141.4

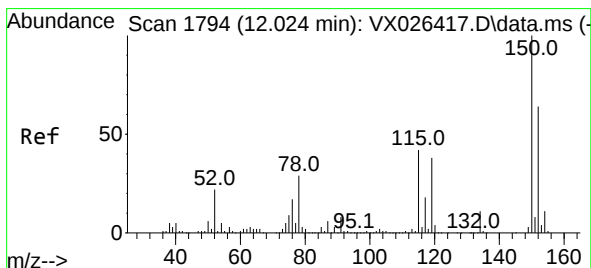
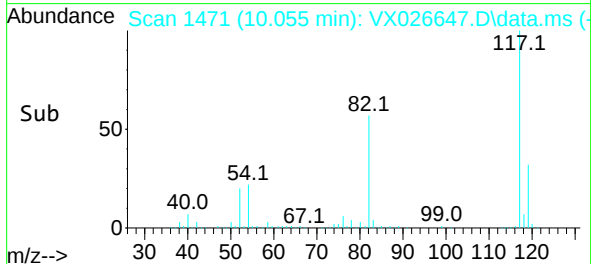
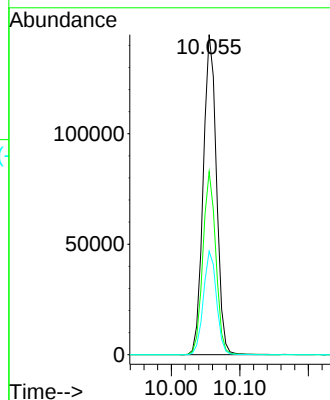
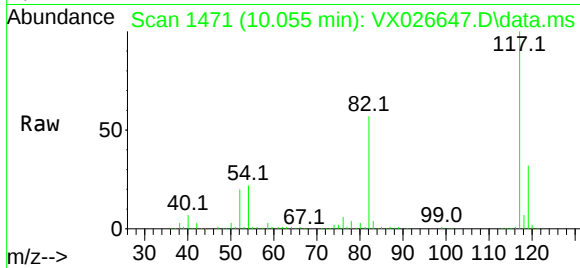




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026647.D
Acq: 28 Jan 2022 13:39

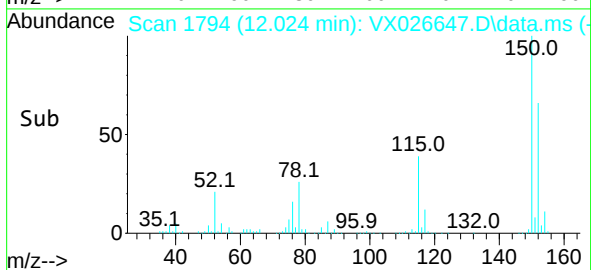
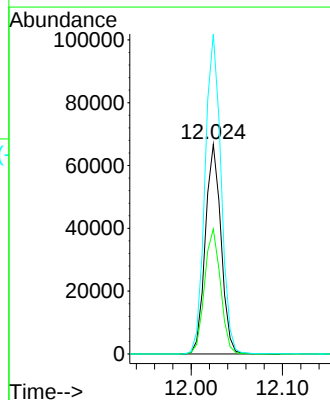
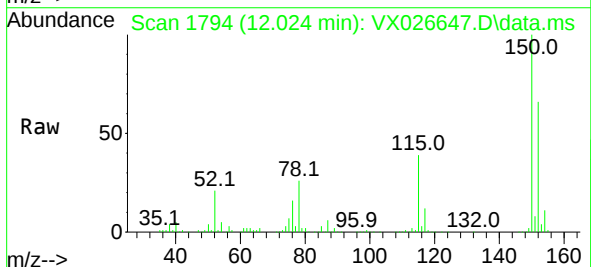
Instrument :
MSVOA_X
ClientSampleId :
TB

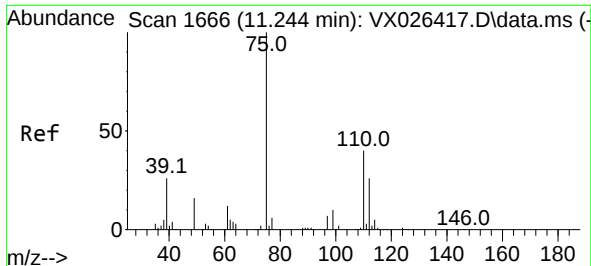
Tgt Ion:117 Resp: 195026
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026647.D
Acq: 28 Jan 2022 13:39

Tgt Ion:152 Resp: 79279
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 155.9 0.0 348.2

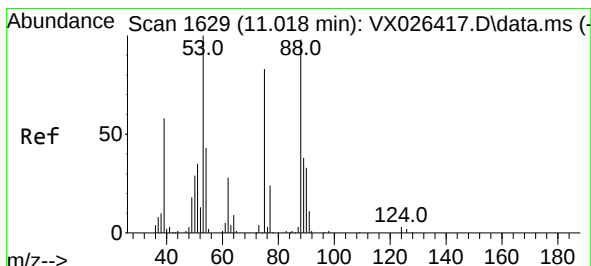
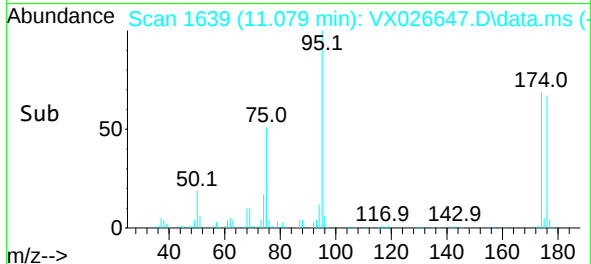
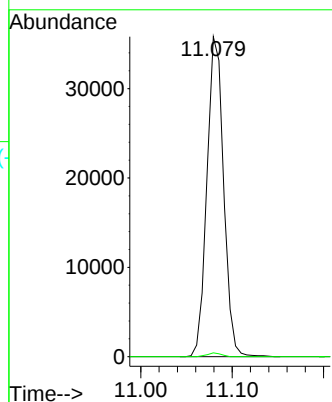
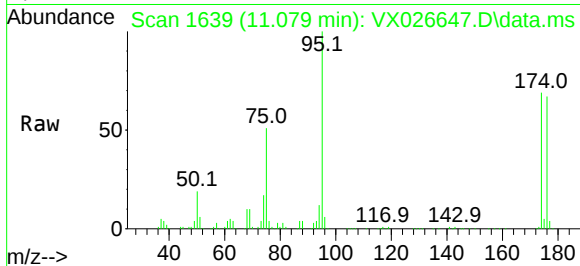




#76
1,2,3-Trichloropropane
Concen: 25.953 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026647.D
Acq: 28 Jan 2022 13:39

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 45303
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.699 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026647.D
Acq: 28 Jan 2022 13:39

Tgt Ion: 75 Resp: 45303
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

