

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032035.D
 Acq On : 11 Oct 2022 14:36
 Operator : JC/MD
 Sample : N5091-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-101022

Quant Time: Oct 11 16:25:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

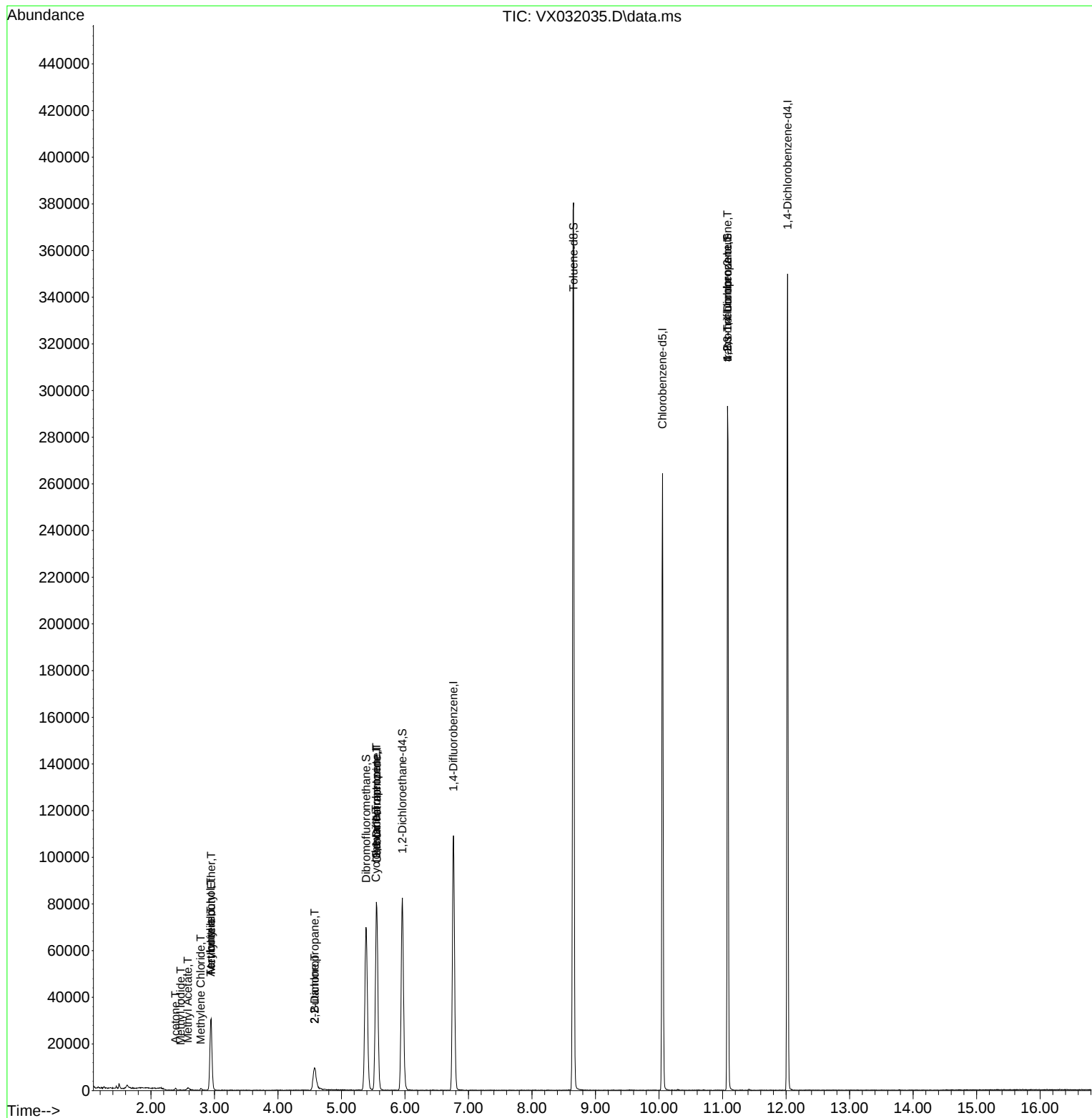
Internal Standards						
1) Pentafluorobenzene	5.550	168	74321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	112057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76054	49.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.100%		
35) Dibromofluoromethane	5.385	113	59640	47.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.040%		
50) Toluene-d8	8.653	98	225929	49.500	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.000%		
62) 4-Bromofluorobenzene	11.079	95	73754	45.708	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.420%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	307	Below Cal	#	62
10) Methyl Iodide	2.465	142	187	2.896	ug/l #	38
11) Tert butyl alcohol	2.940	59	17569	92.001	ug/l #	75
13) Acrolein	2.075	56	20	Below Cal	#	15
15) Acrylonitrile	2.940	53	260	0.427	ug/l #	17
16) Acetone	2.386	43	739	1.417	ug/l #	79
18) Methyl Acetate	2.581	43	562	0.327	ug/l #	52
19) Methyl tert-butyl Ether	2.947	73	1069	0.281	ug/l	91
20) Methylene Chloride	2.782	84	360	0.263	ug/l #	73
25) 2-Butanone	4.574	43	418	0.513	ug/l #	49
26) 2,2-Dichloropropane	4.574	77	853	0.547	ug/l #	54
31) Cyclohexane	5.544	56	1588	0.866	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	6585	3.915	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7869	4.576	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	40065	28.334	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40065	96.910	ug/l #	11

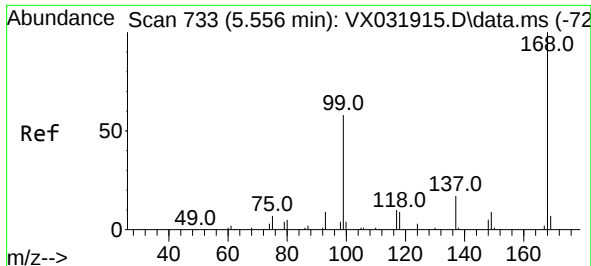
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
Data File : VX032035.D
Acq On : 11 Oct 2022 14:36
Operator : JC/MD
Sample : N5091-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-01-101022

Quant Time: Oct 11 16:25:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

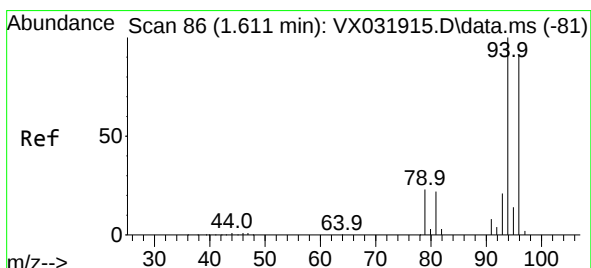
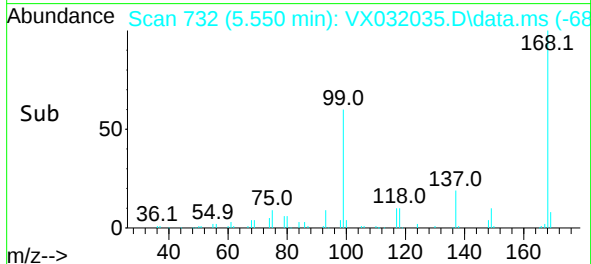
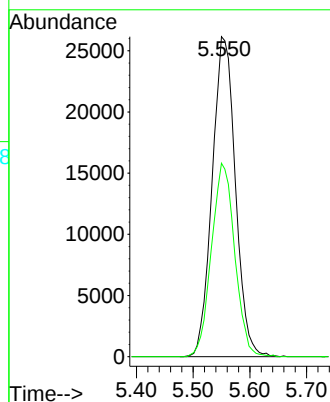
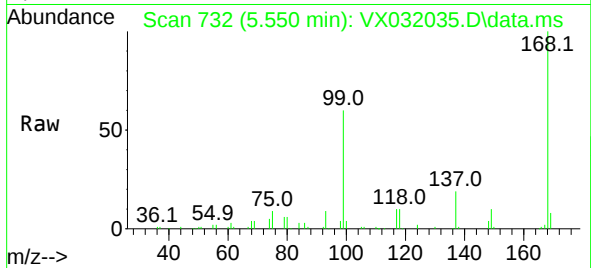




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

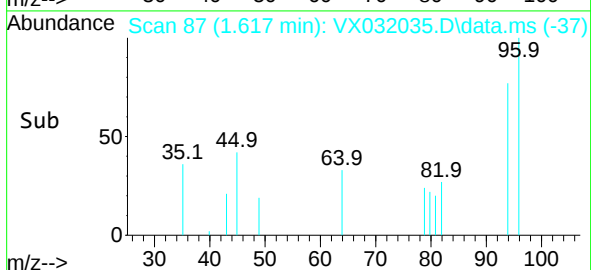
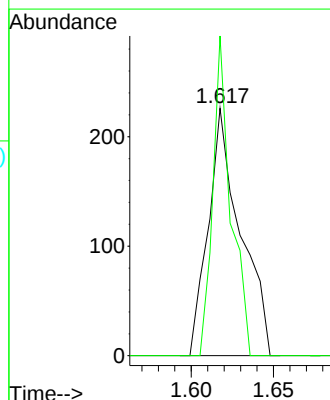
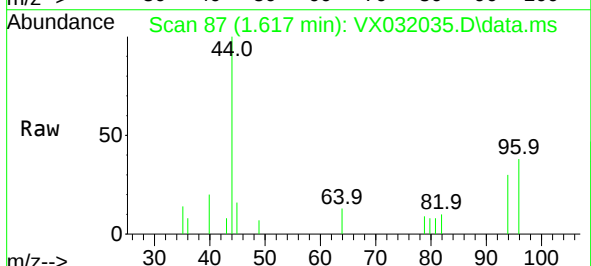
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101022

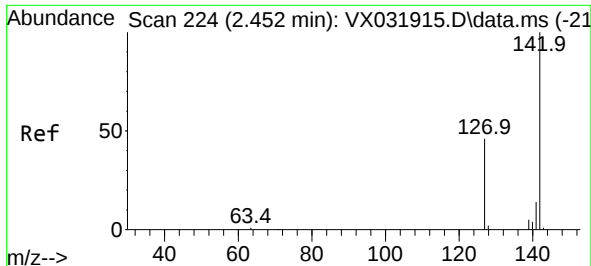
Tgt Ion:168 Resp: 74321
Ion Ratio Lower Upper
168 100
99 60.4 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

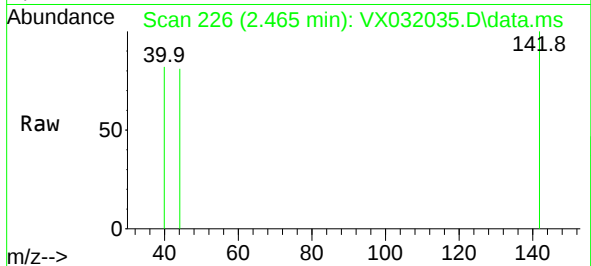
Tgt Ion: 94 Resp: 307
Ion Ratio Lower Upper
94 100
96 129.2 74.4 111.6#



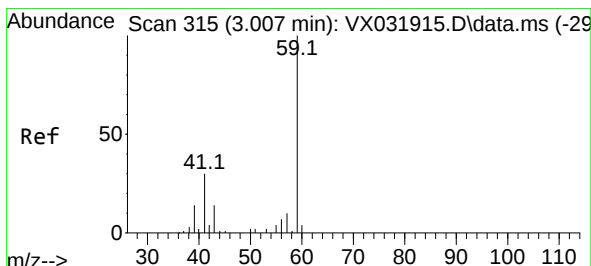
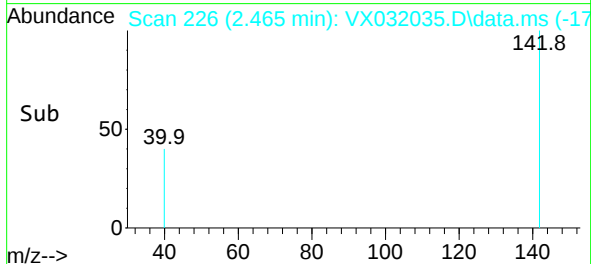
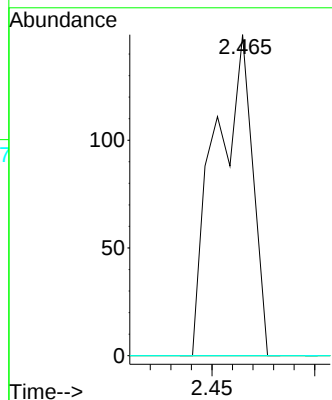


#10
Methyl Iodide
Concen: 2.896 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

Instrument :
MSVOA_X
ClientSampleId :
TB-01-101022

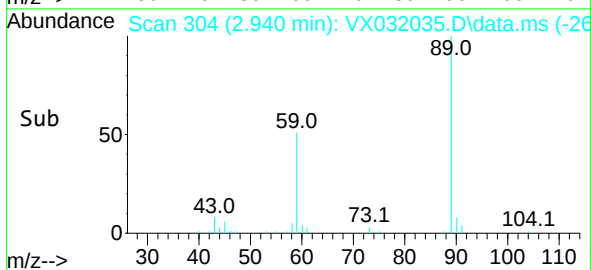
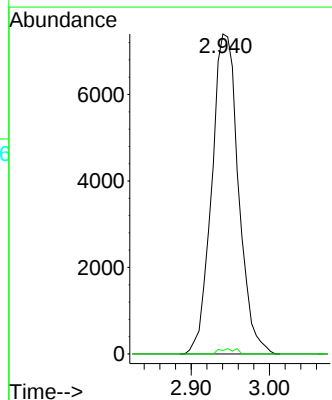
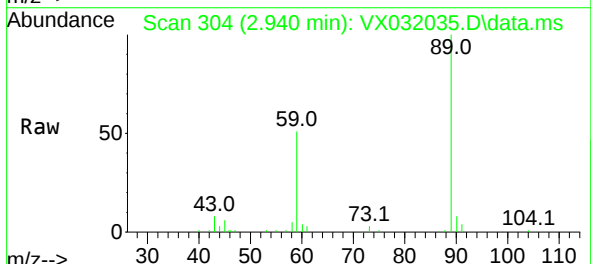


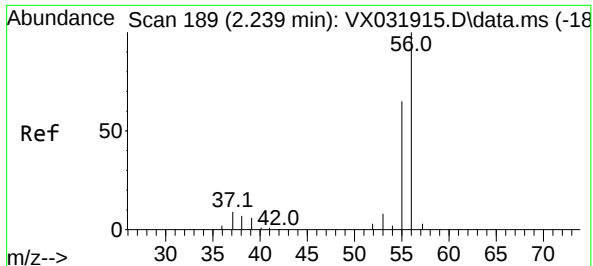
Tgt Ion:142 Resp: 187
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 92.001 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

Tgt Ion: 59 Resp: 17569
Ion Ratio Lower Upper
59 100
57 1.0 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.075 min Scan# 1

Delta R.T. -0.164 min

Lab File: VX032035.D

Acq: 11 Oct 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

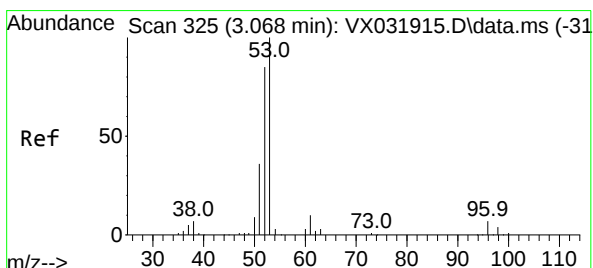
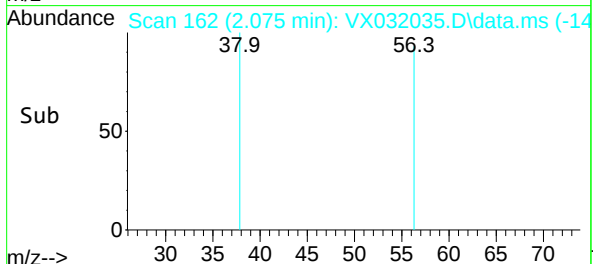
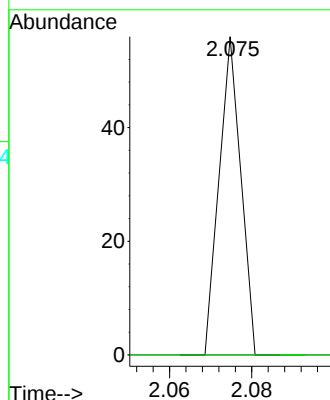
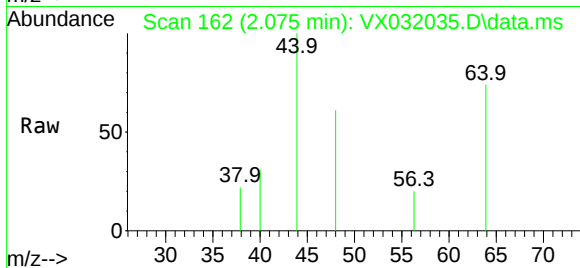
TB-01-101022

Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#



#15

Acrylonitrile

Concen: 0.427 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.128 min

Lab File: VX032035.D

Acq: 11 Oct 2022 14:36

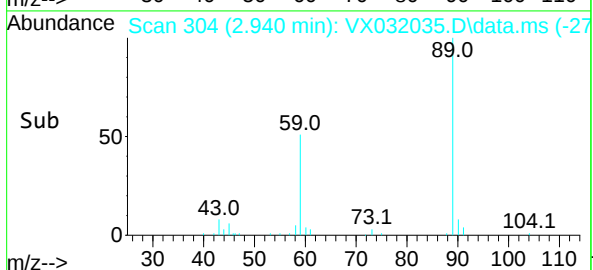
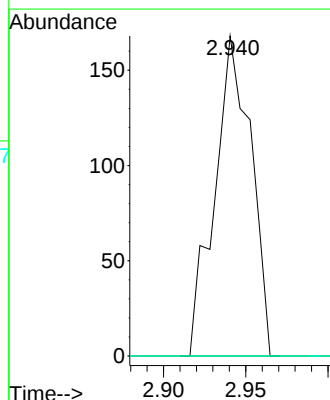
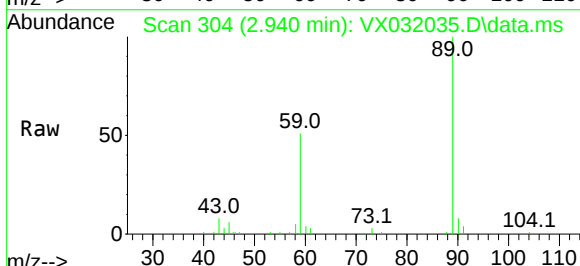
Tgt Ion: 53 Resp: 260

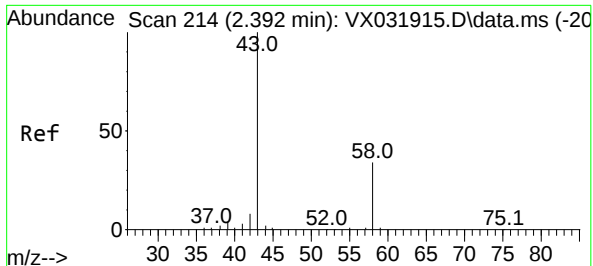
Ion Ratio Lower Upper

53 100

52 0.0 66.9 100.3#

51 0.0 30.0 45.0#

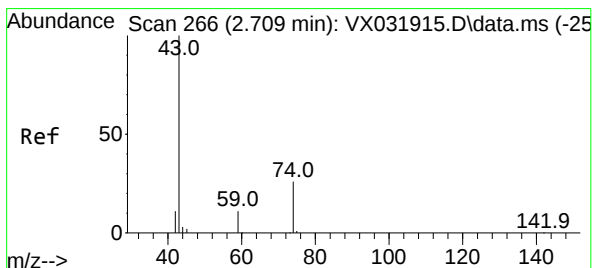
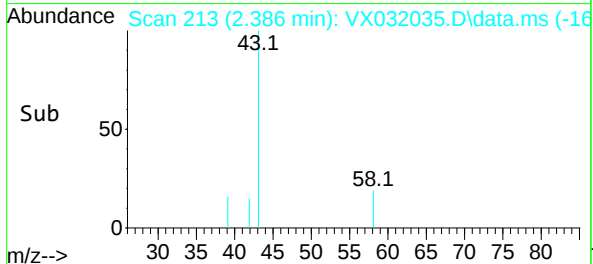
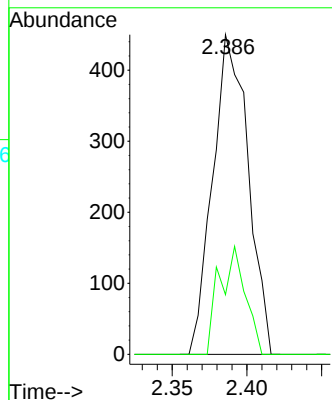
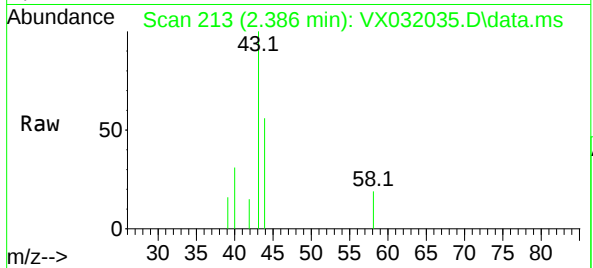




#16
Acetone
Concen: 1.417 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

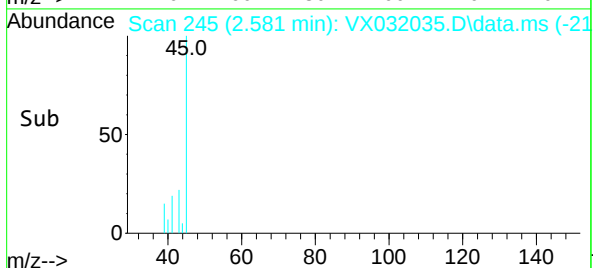
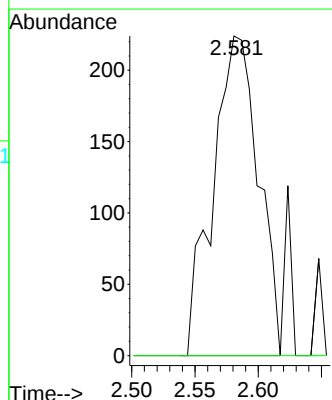
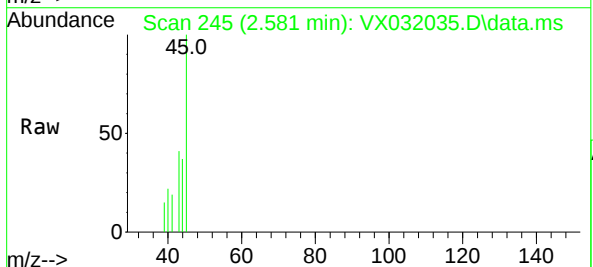
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101022

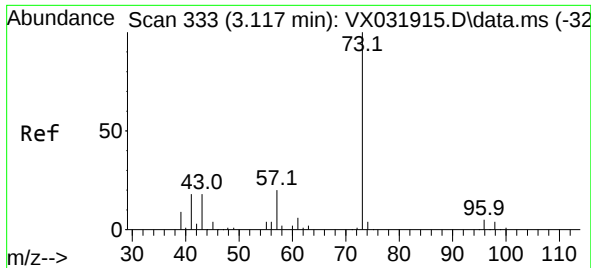
Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
58 18.7 23.8 35.8#



#18
Methyl Acetate
Concen: 0.327 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.128 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

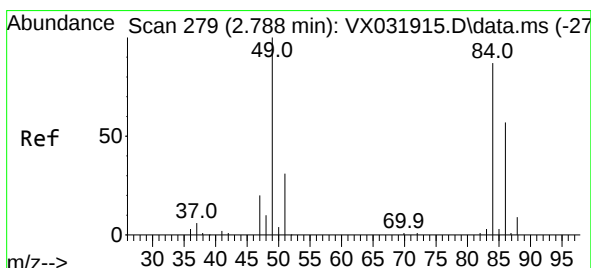
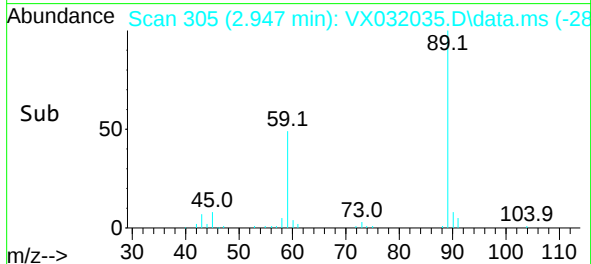
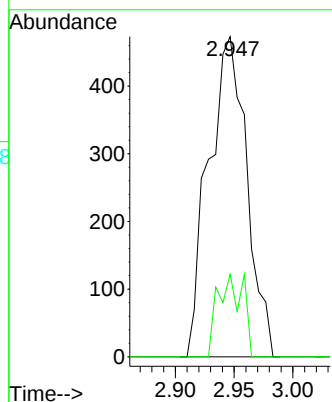
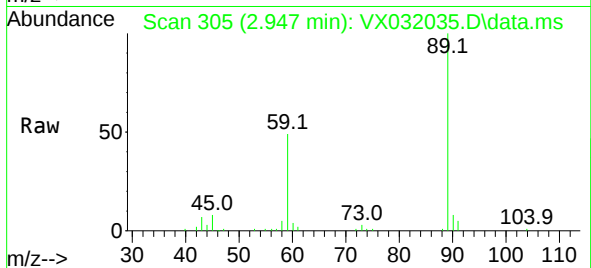




#19
Methyl tert-butyl Ether
Concen: 0.281 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.170 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

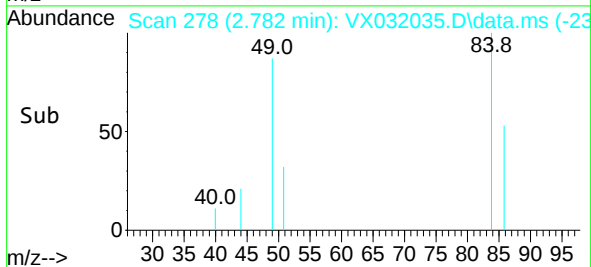
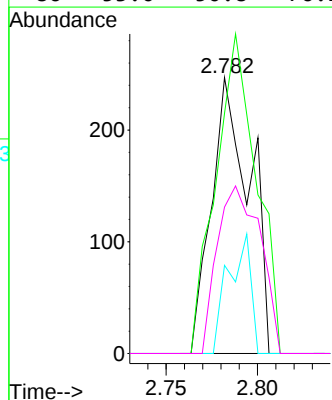
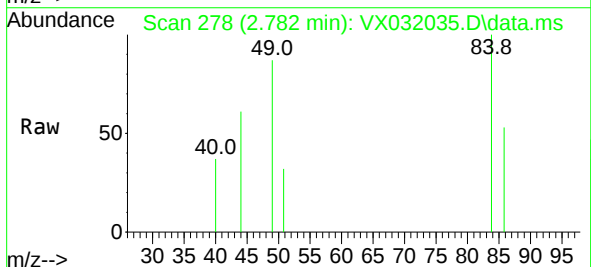
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101022

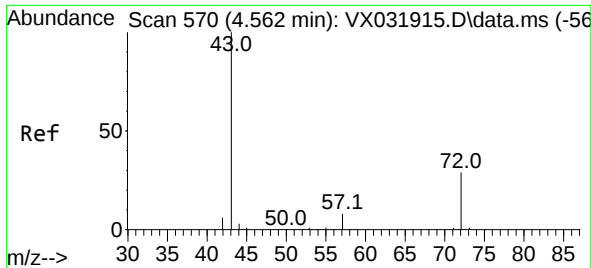
Tgt Ion: 73 Resp: 1069
Ion Ratio Lower Upper
73 100
57 25.8 17.2 25.8



#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

Tgt Ion: 84 Resp: 360
Ion Ratio Lower Upper
84 100
49 87.0 105.9 158.9#
51 32.0 32.2 48.2#
86 53.0 50.8 76.2

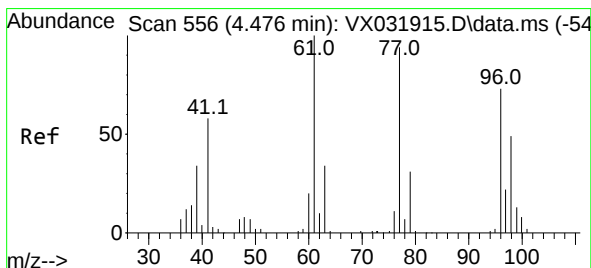
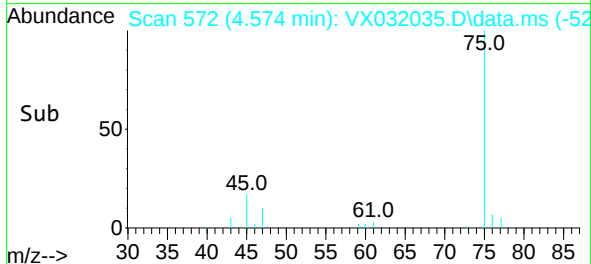
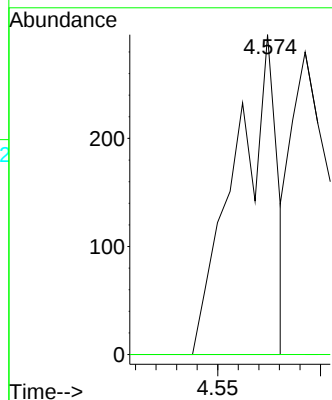
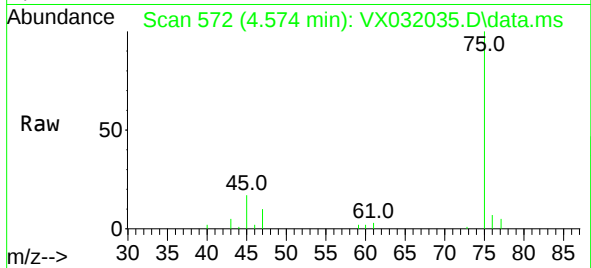




#25
2-Butanone
Concen: 0.513 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

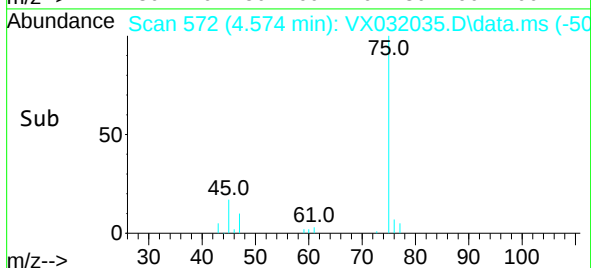
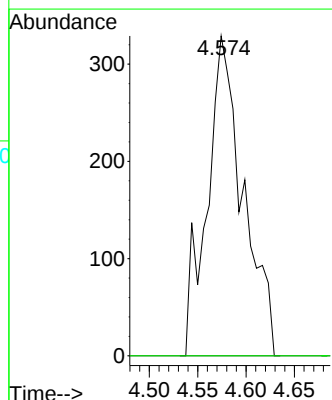
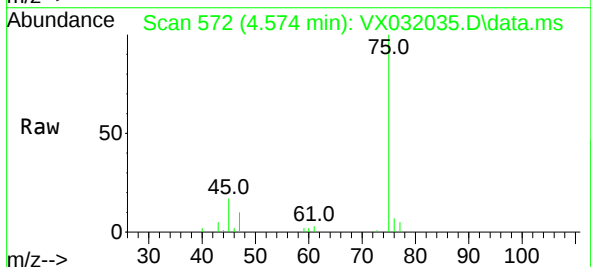
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101022

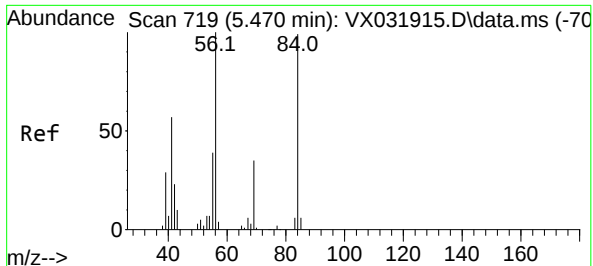
Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#26
2,2-Dichloropropane
Concen: 0.547 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.098 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

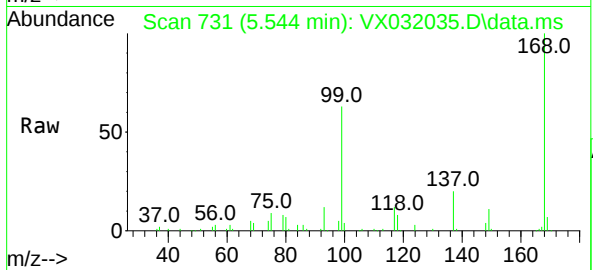
Tgt Ion: 77 Resp: 853
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.6#



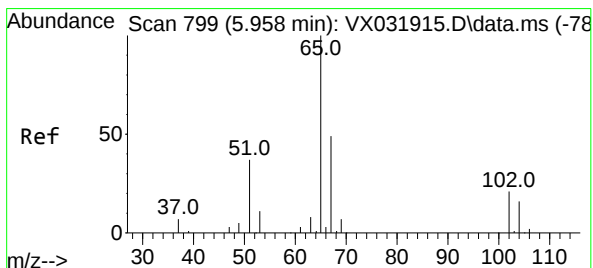
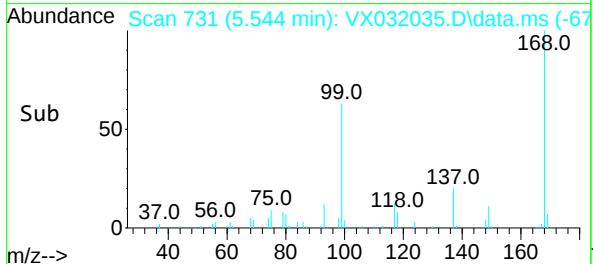
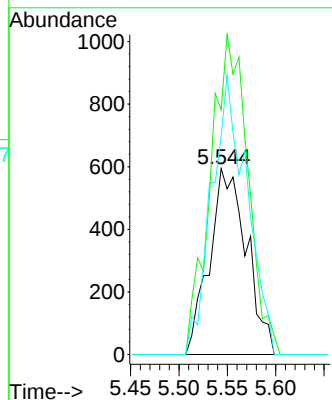


#31
Cyclohexane
Concen: 0.866 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

Instrument :
MSVOA_X
ClientSampleId :
TB-01-101022

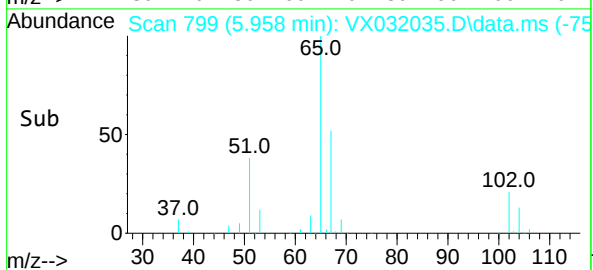
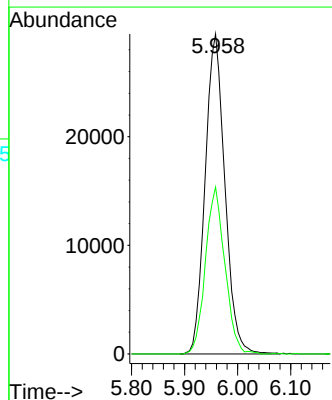
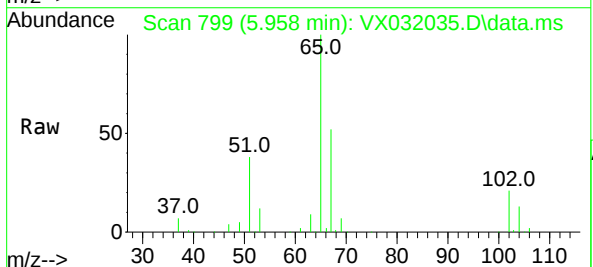


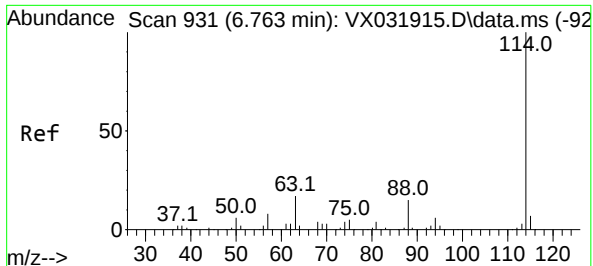
Tgt Ion: 56 Resp: 1588
Ion Ratio Lower Upper
56 100
69 131.8 25.1 37.7#
84 117.5 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 49.550 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

Tgt Ion: 65 Resp: 76054
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4

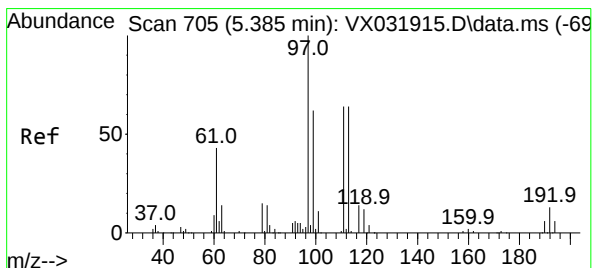
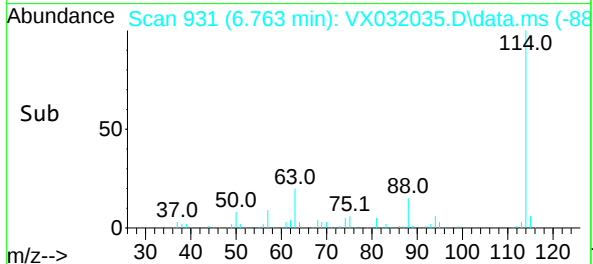
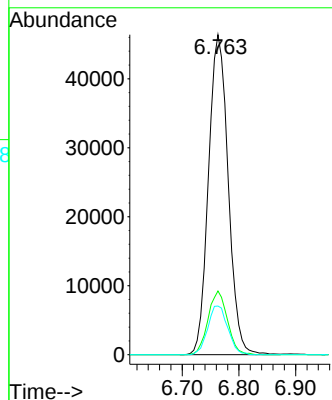
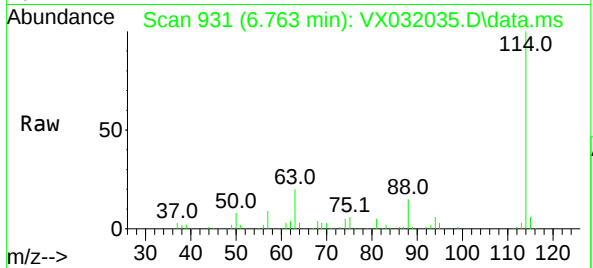




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

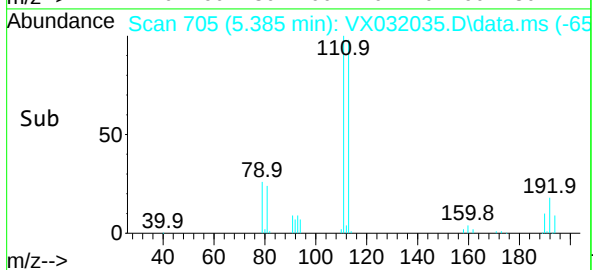
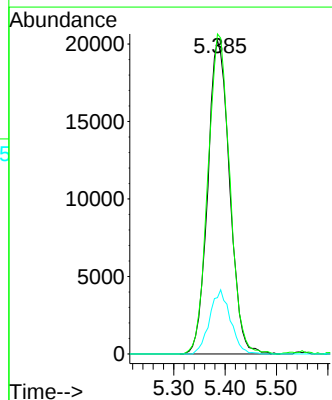
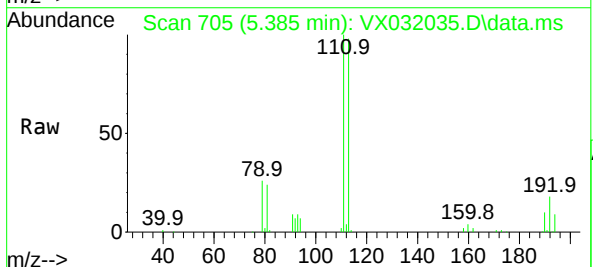
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101022

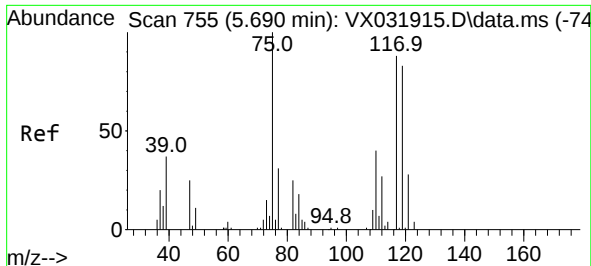
Tgt Ion:114 Resp: 112057
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.6
88 15.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.019 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

Tgt Ion:113 Resp: 59640
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.4 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.915 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX032035.D

Acq: 11 Oct 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

TB-01-101022

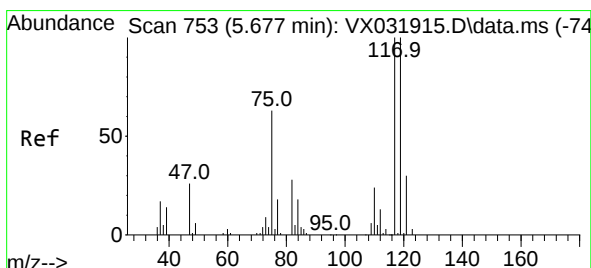
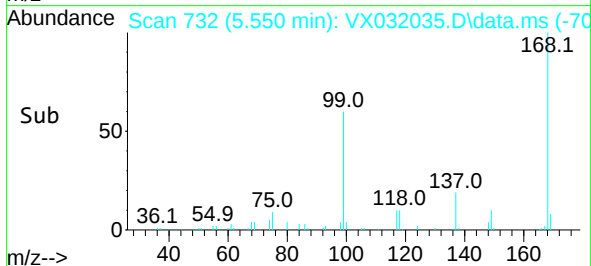
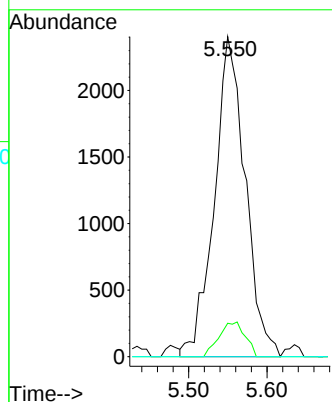
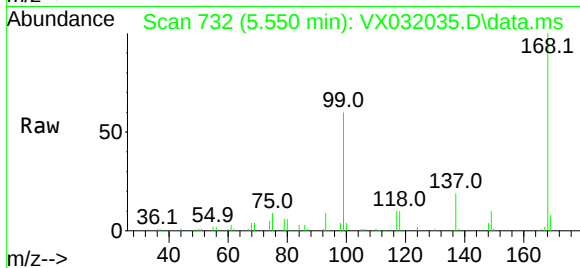
Tgt Ion: 75 Resp: 6585

Ion Ratio Lower Upper

75 100

110 9.2 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.576 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX032035.D

Acq: 11 Oct 2022 14:36

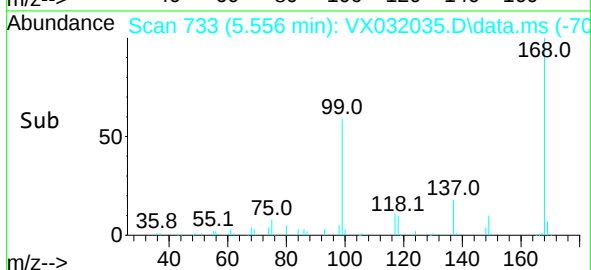
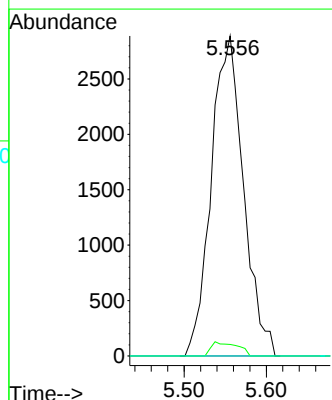
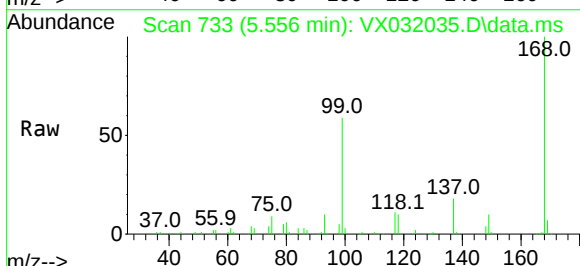
Tgt Ion: 117 Resp: 7869

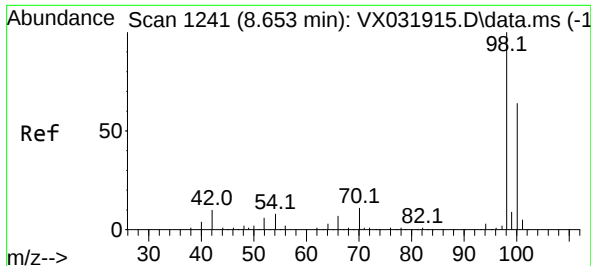
Ion Ratio Lower Upper

117 100

119 3.6 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.500 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032035.D

Acq: 11 Oct 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

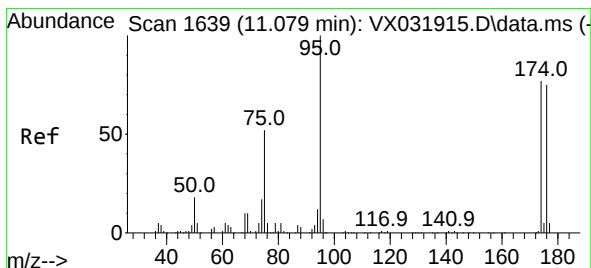
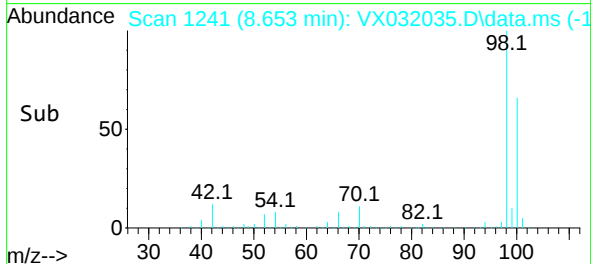
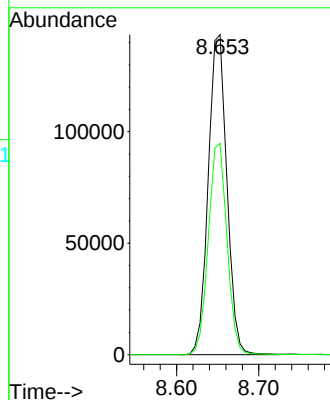
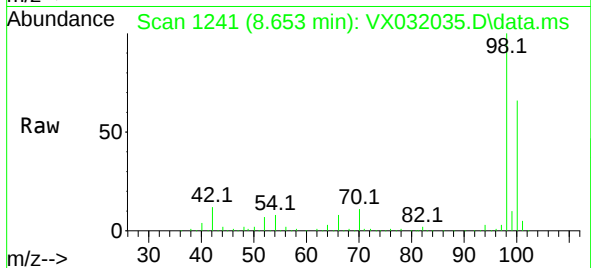
TB-01-101022

Tgt Ion: 98 Resp: 225929

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 45.708 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032035.D

Acq: 11 Oct 2022 14:36

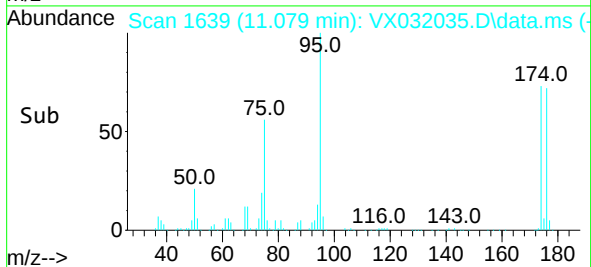
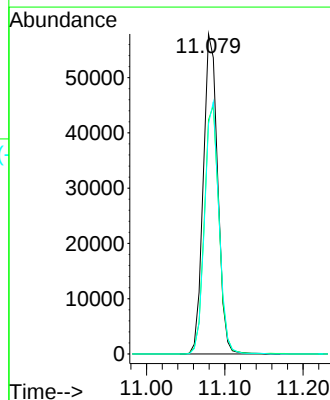
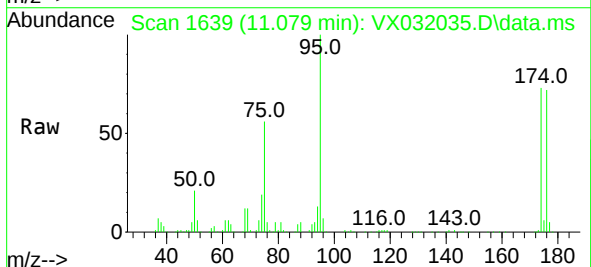
Tgt Ion: 95 Resp: 73754

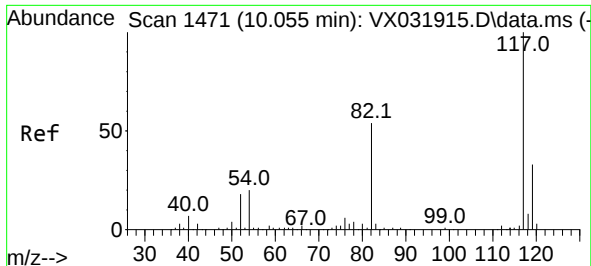
Ion Ratio Lower Upper

95 100

174 78.7 0.0 153.2

176 78.6 0.0 144.0

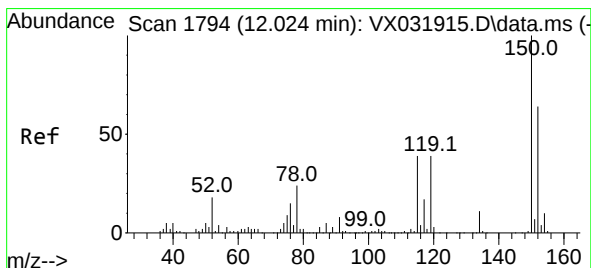
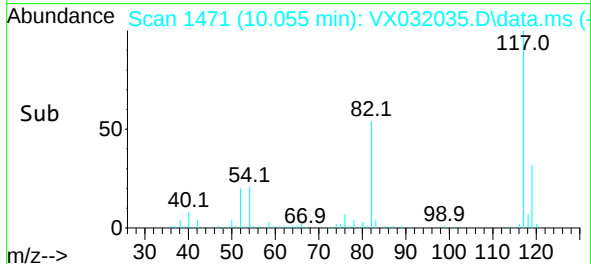
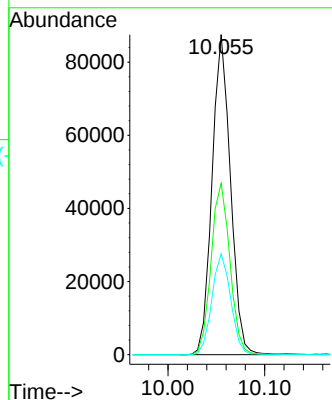
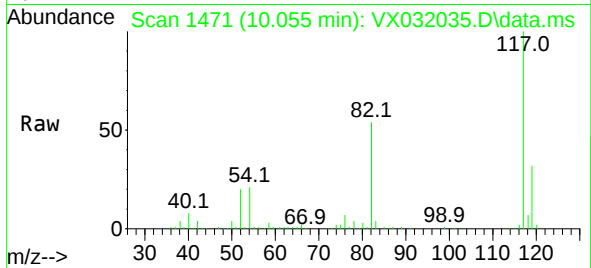




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

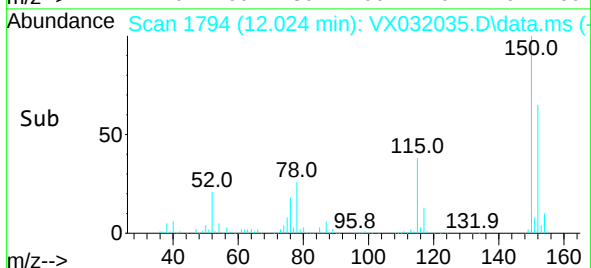
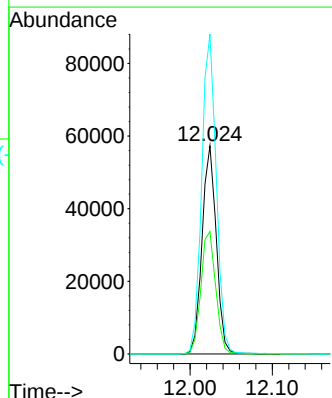
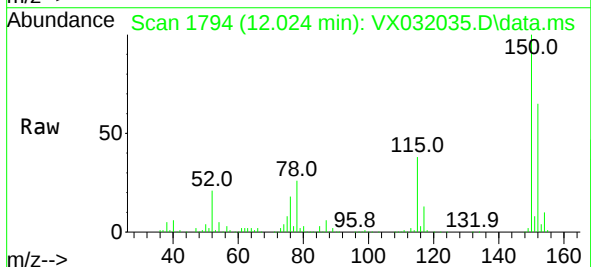
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101022

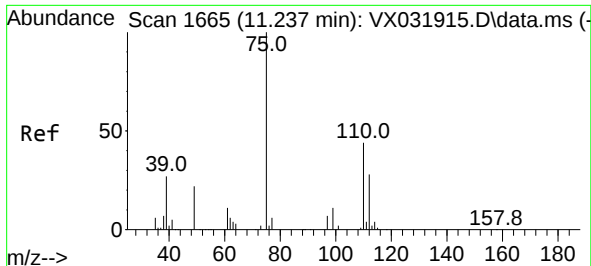
Tgt Ion:117 Resp: 115868
Ion Ratio Lower Upper
117 100
82 53.5 46.8 70.2
119 31.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

Tgt Ion:152 Resp: 68994
Ion Ratio Lower Upper
152 100
115 61.2 43.4 130.1
150 157.1 0.0 346.8

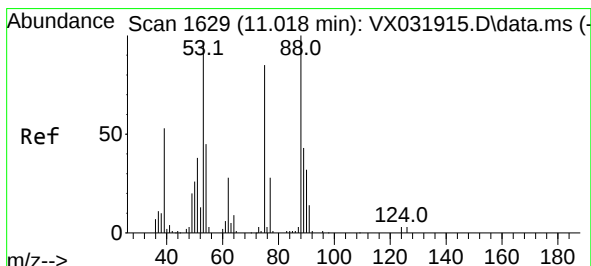
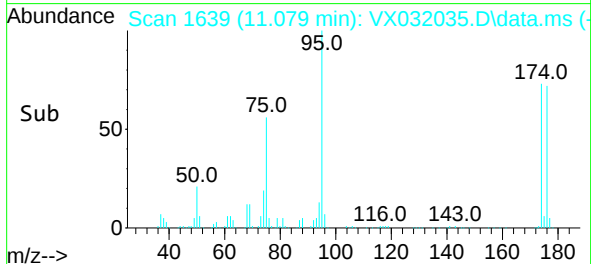
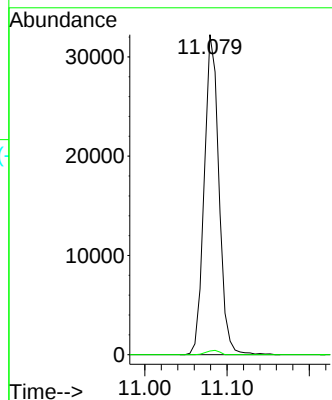
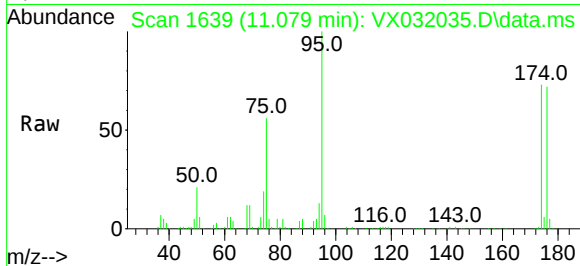




#76
1,2,3-Trichloropropane
Concen: 28.334 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

Instrument :
MSVOA_X
ClientSampleId :
TB-01-101022

Tgt Ion: 75 Resp: 40065
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.910 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032035.D
Acq: 11 Oct 2022 14:36

Tgt Ion: 75 Resp: 40065
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

