

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030234.D
 Acq On : 27 Jul 2022 16:14
 Operator : JC/MD
 Sample : N3765-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07182022

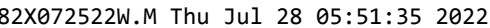
Quant Time: Jul 28 05:51:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

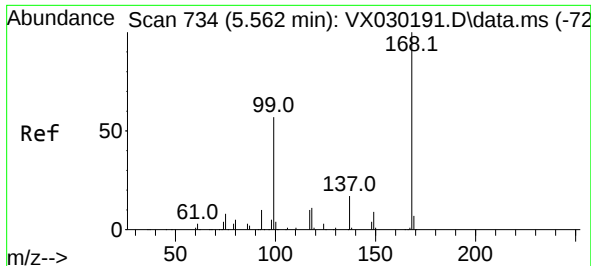
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	134080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143990	53.430	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.860%			
35) Dibromofluoromethane	5.391	113	114338	50.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	8.653	98	417025	48.006	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.020%			
62) 4-Bromofluorobenzene	11.085	95	146976	45.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.180%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	168	Below Cal	#	78
10) Methyl Iodide	2.459	142	108	1.575	ug/l #	64
11) Tert butyl alcohol	2.946	59	1307	1.988	ug/l #	74
13) Acrolein	2.123	56	55	0.340	ug/l #	58
16) Acetone	2.386	43	896	0.649	ug/l	99
20) Methylene Chloride	2.794	84	984	Below Cal	#	85
25) 2-Butanone	4.580	43	559	0.241	ug/l #	48
29) Tetrahydrofuran	5.038	42	370	0.237	ug/l #	48
31) Cyclohexane	5.556	56	3337	0.853	ug/l #	30
36) 1,1-Dichloropropene	5.562	75	12038	3.729	ug/l #	46
38) Carbon Tetrachloride	5.556	117	14578	4.837	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	2287	0.503	ug/l #	1
55) 1,1,2-Trichloroethane	9.275	97	2515	0.953	ug/l #	3
60) Dibromochloromethane	9.275	129	273408	111.945	ug/l #	11
64) Tetrachloroethene	9.275	164	267850	103.998	ug/l	97
67) Ethyl Benzene	10.201	91	264	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	75646	21.895	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	75646	65.682	ug/l #	13
90) Hexachloroethane	12.542	117	626	0.418	ug/l	97

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

Quant Time: Jul 28 05:51:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

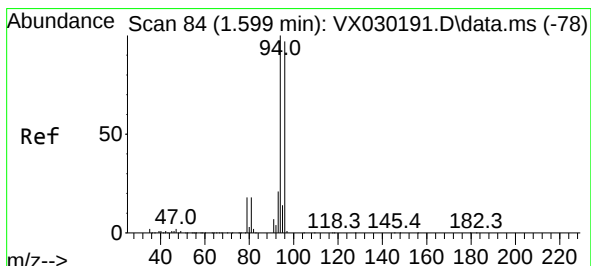
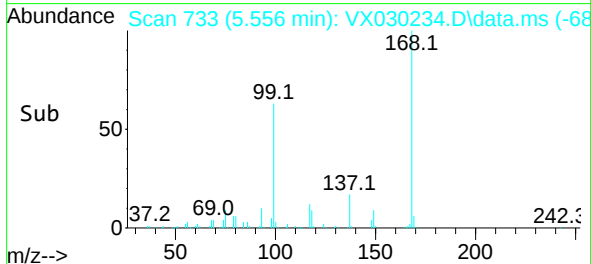
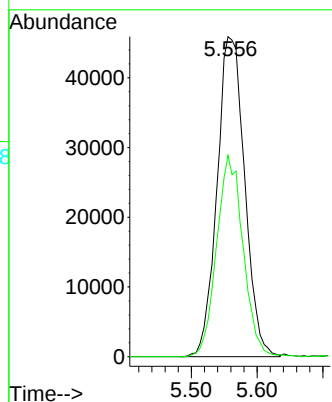
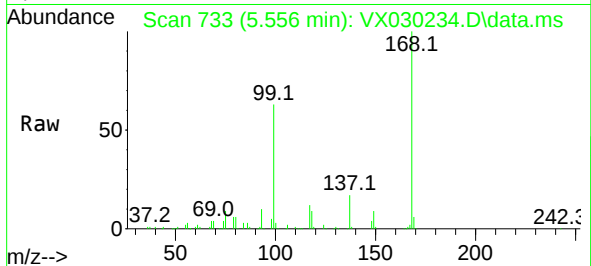




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

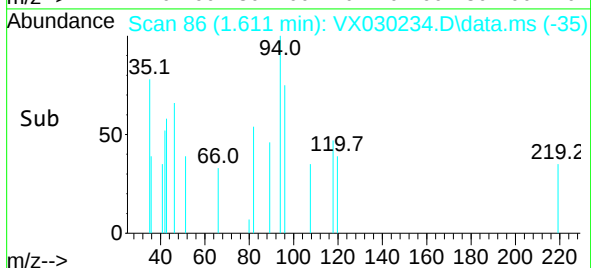
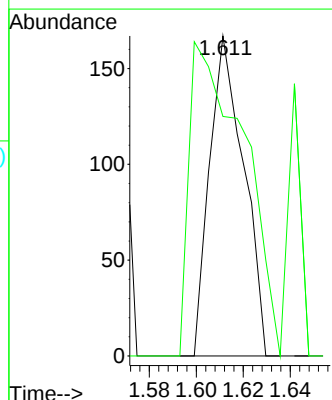
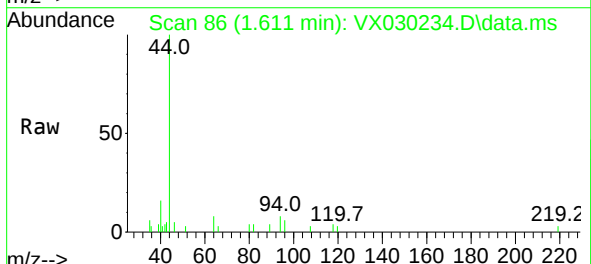
Instrument :
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ClientSampleId :
TB-07182022

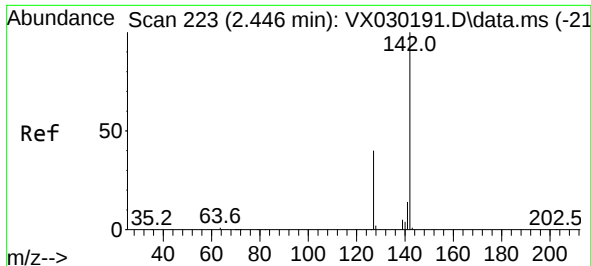
Tgt Ion:168 Resp: 134080
Ion Ratio Lower Upper
168 100
99 62.9 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

Tgt Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
96 74.9 76.9 115.3#

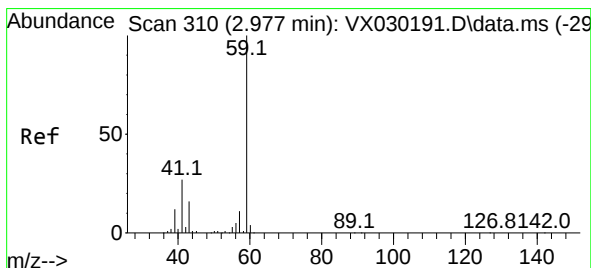
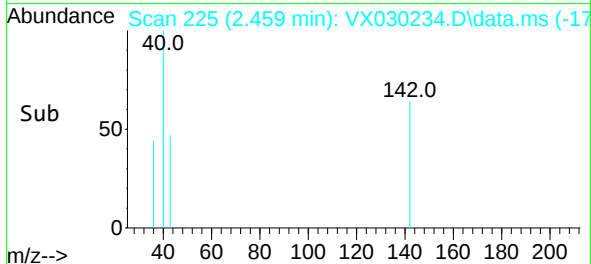
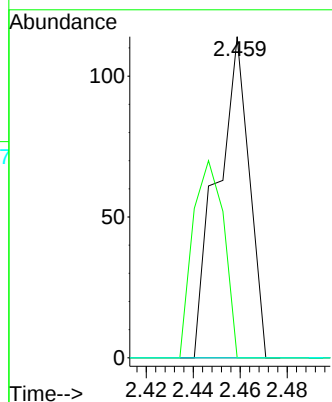
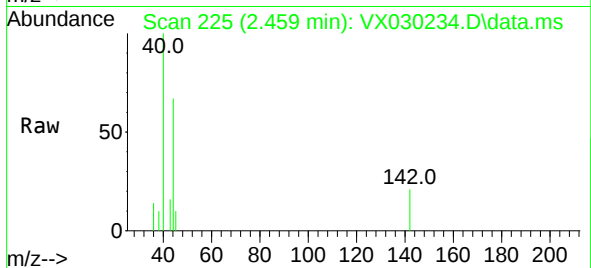




#10
Methyl Iodide
Concen: 1.575 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

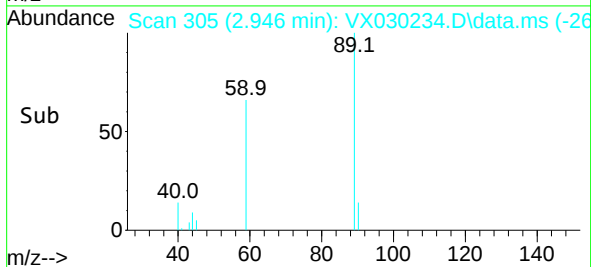
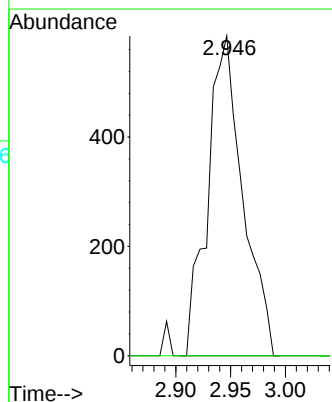
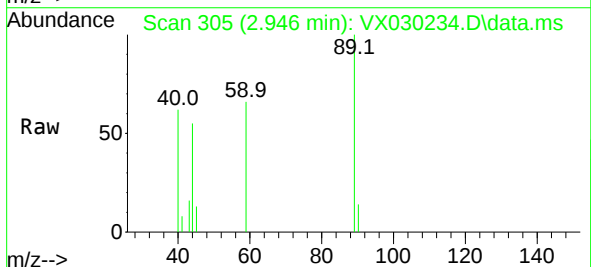
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

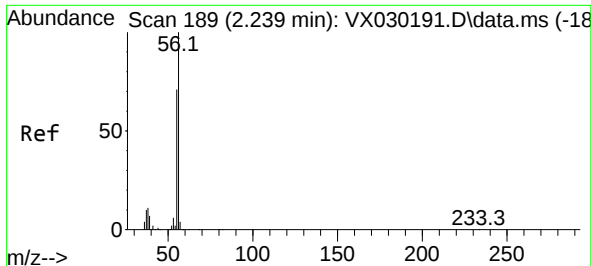
Tgt Ion:142 Resp: 108
Ion Ratio Lower Upper
142 100
127 59.3 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.988 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

Tgt Ion: 59 Resp: 1307
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#13

Acrolein

Concen: 0.340 ug/l

RT: 2.123 min Scan# 11

Delta R.T. -0.116 min

Lab File: VX030234.D

Acq: 27 Jul 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

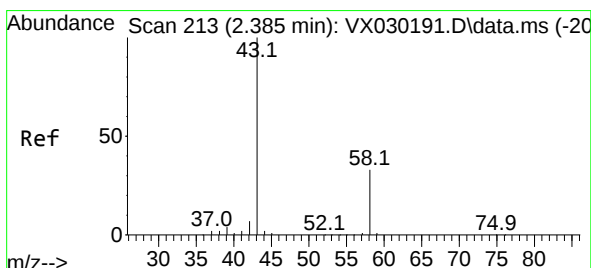
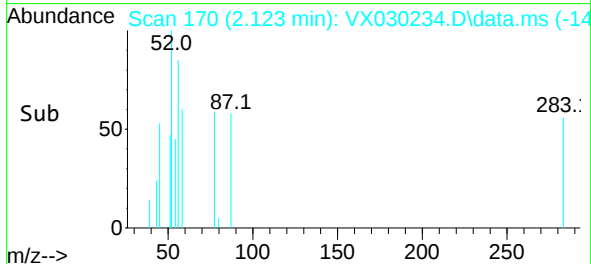
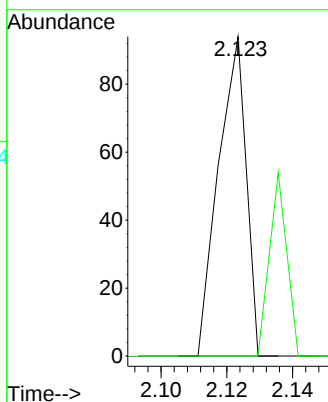
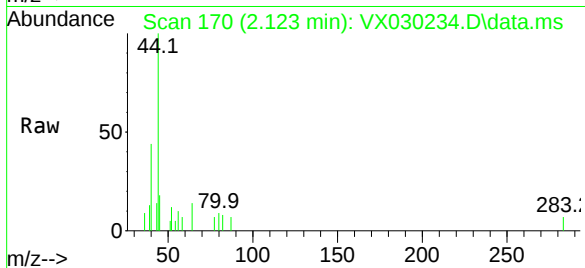
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Tgt Ion: 56 Resp: 55

Ion Ratio Lower Upper

56 100

55 36.4 56.6 84.8#



#16

Acetone

Concen: 0.649 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.001 min

Lab File: VX030234.D

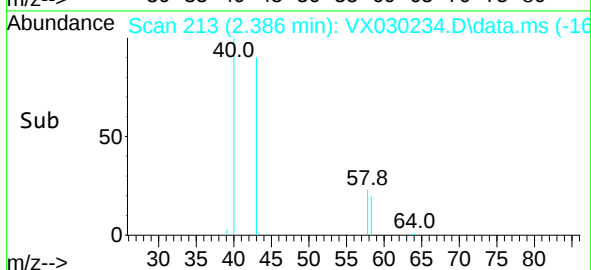
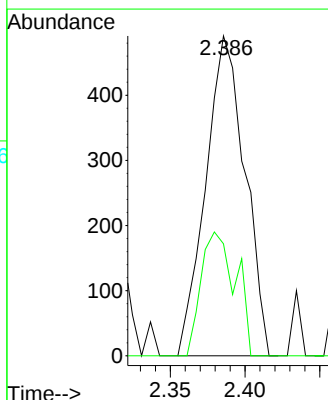
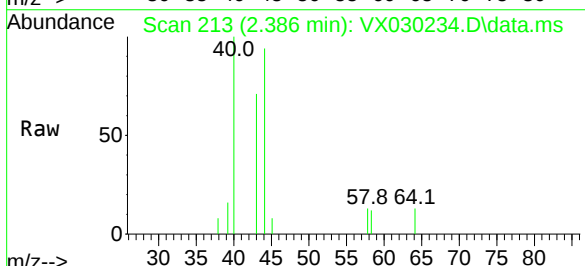
Acq: 27 Jul 2022 16:14

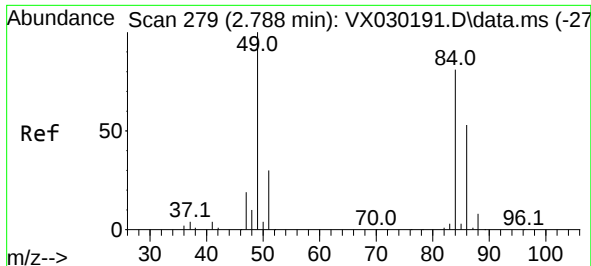
Tgt Ion: 43 Resp: 896

Ion Ratio Lower Upper

43 100

58 35.0 27.7 41.5

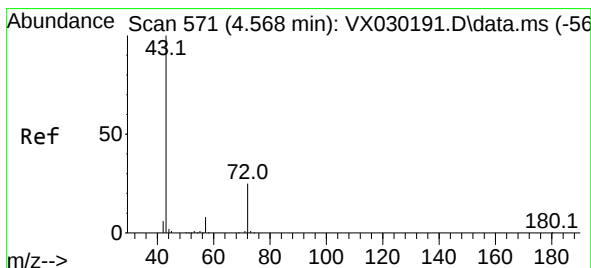
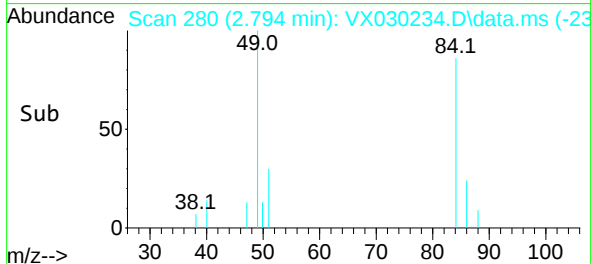
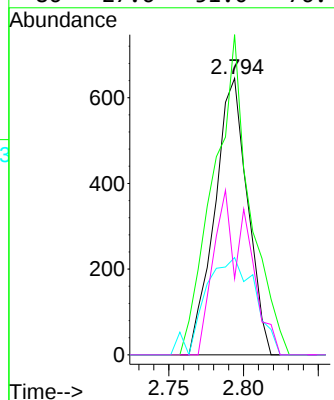
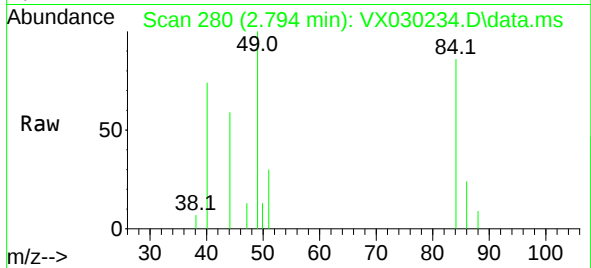




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

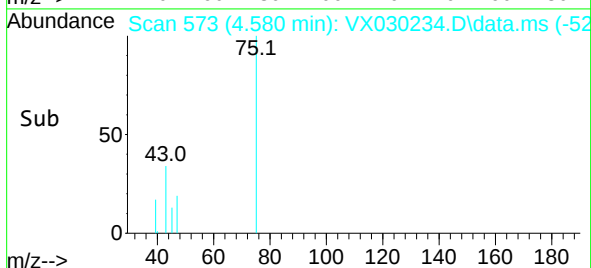
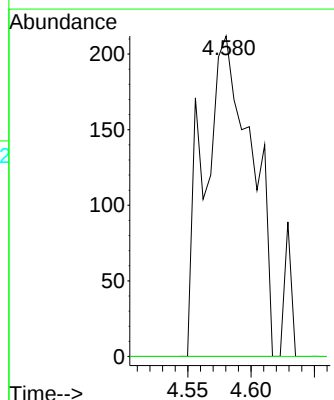
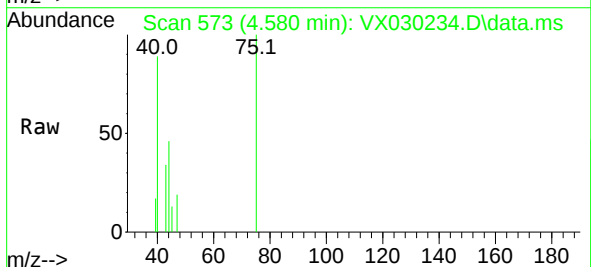
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

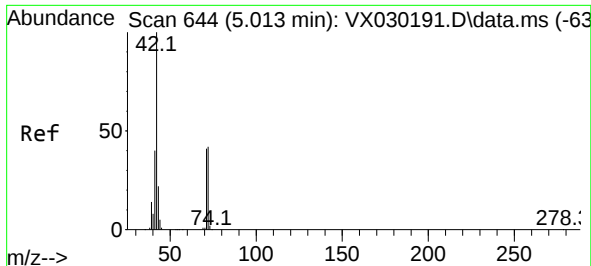
Tgt Ion: 84 Resp: 984
Ion Ratio Lower Upper
84 100
49 115.8 93.8 140.6
51 35.2 29.4 44.0
86 27.6 51.0 76.4#



#25
2-Butanone
Concen: 0.241 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.237 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.025 min

Lab File: VX030234.D

Acq: 27 Jul 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

TB-07182022

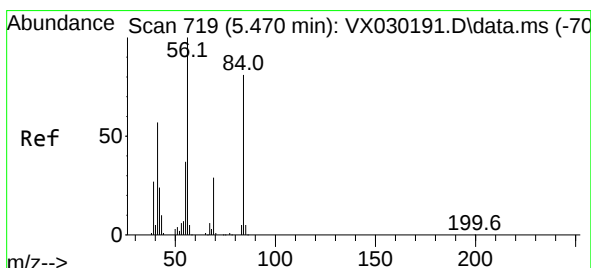
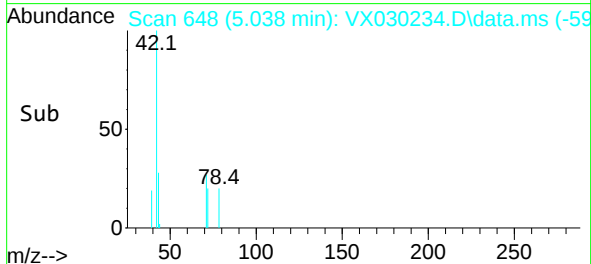
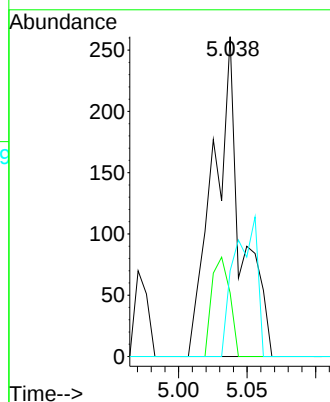
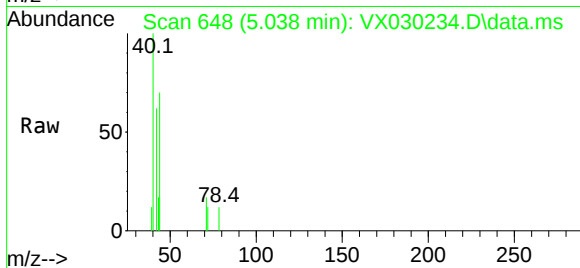
Tgt Ion: 42 Resp: 370

Ion Ratio Lower Upper

42 100

72 20.0 36.5 54.7#

71 0.0 33.9 50.9#



#31

Cyclohexane

Concen: 0.853 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX030234.D

Acq: 27 Jul 2022 16:14

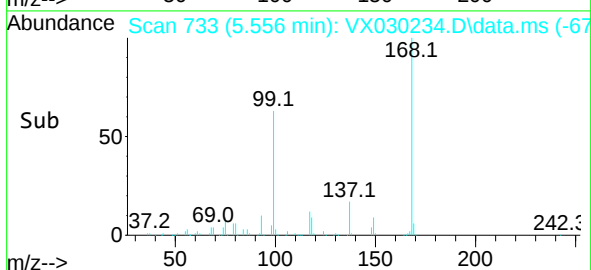
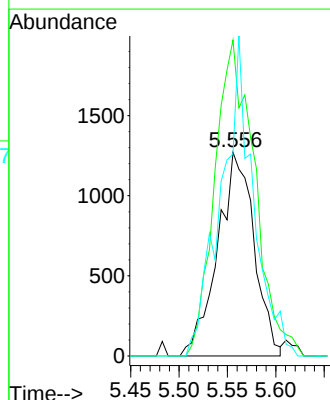
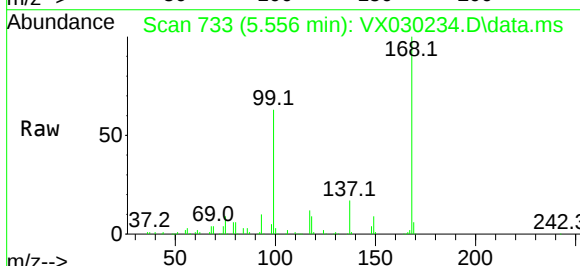
Tgt Ion: 56 Resp: 3337

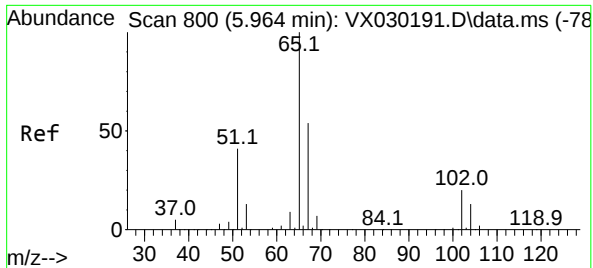
Ion Ratio Lower Upper

56 100

69 155.1 25.4 38.0#

84 99.2 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 53.430 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030234.D

Acq: 27 Jul 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

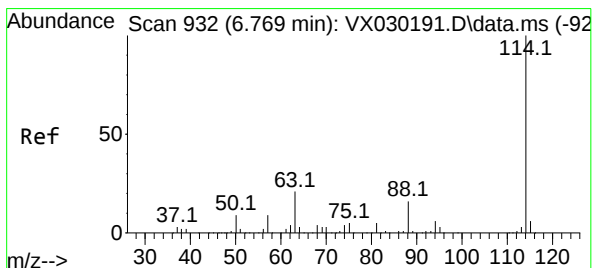
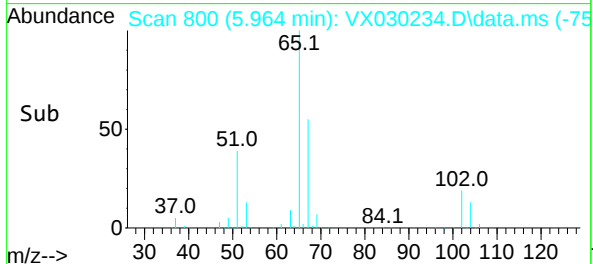
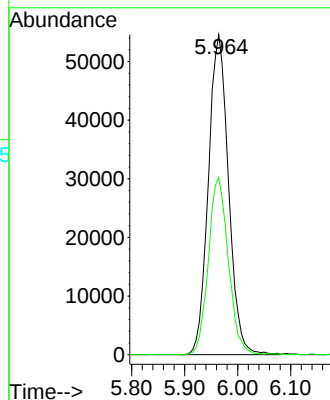
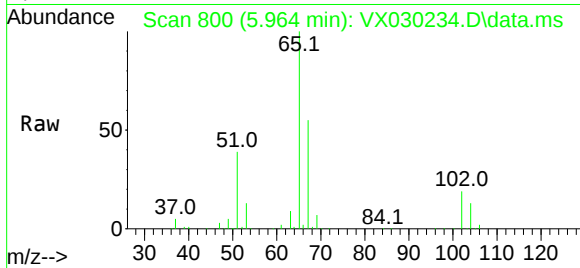
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Tgt Ion: 65 Resp: 143990

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030234.D

Acq: 27 Jul 2022 16:14

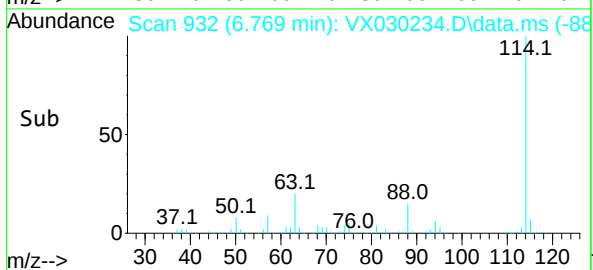
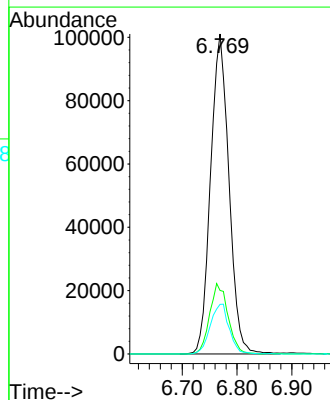
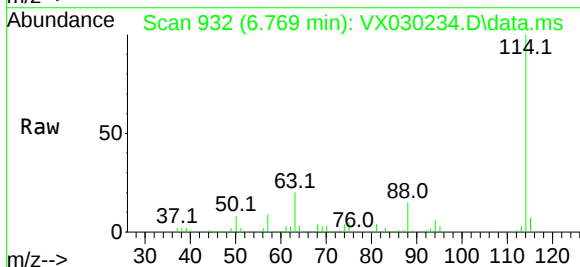
Tgt Ion: 114 Resp: 234650

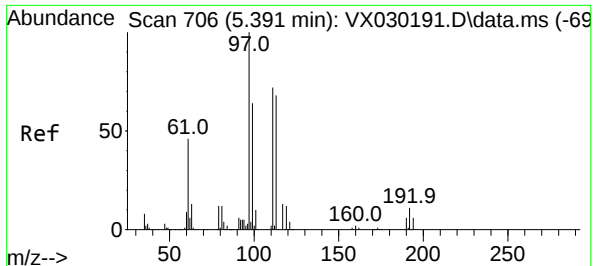
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

88 15.5 0.0 31.8

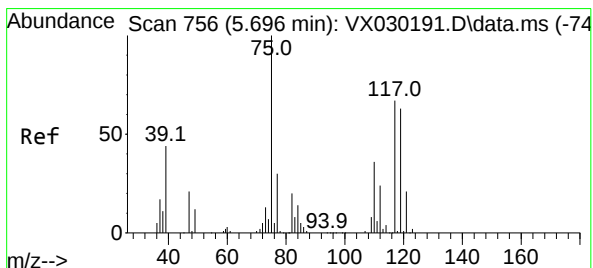
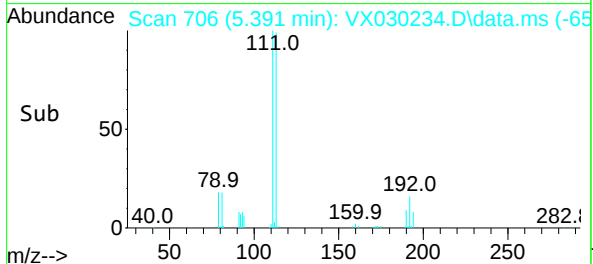
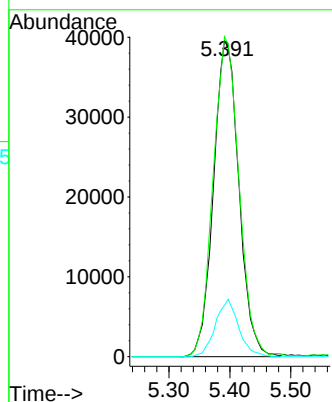
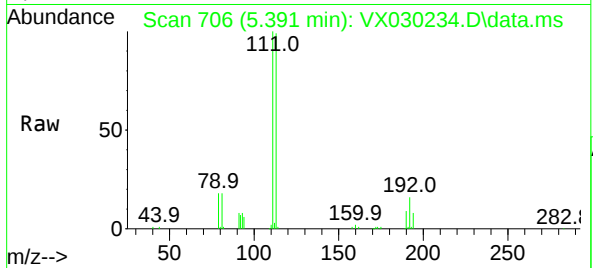




#35
Dibromofluoromethane
Concen: 50.972 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

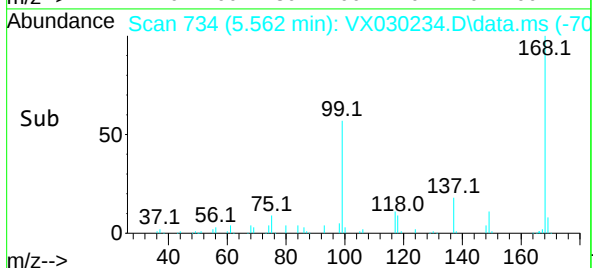
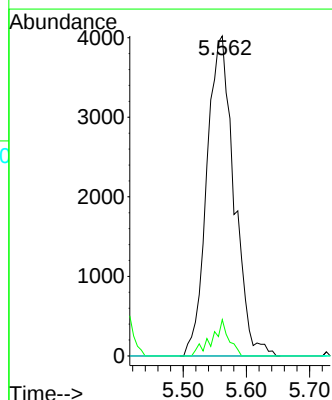
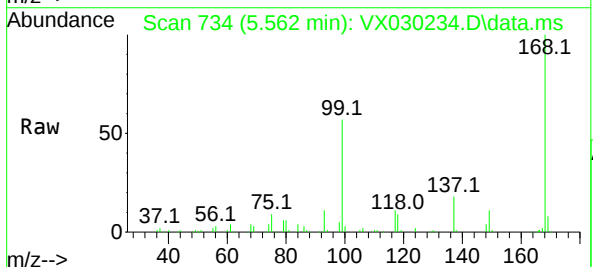
Instrument :
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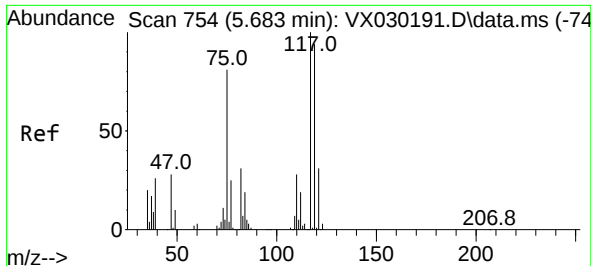
Tgt Ion:113 Resp: 114338
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 16.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.729 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

Tgt Ion: 75 Resp: 12038
Ion Ratio Lower Upper
75 100
110 7.0 19.3 57.9#
77 0.0 24.4 36.6#

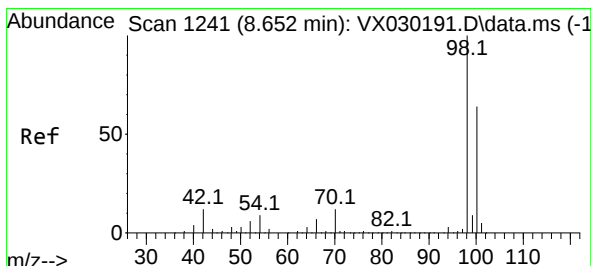
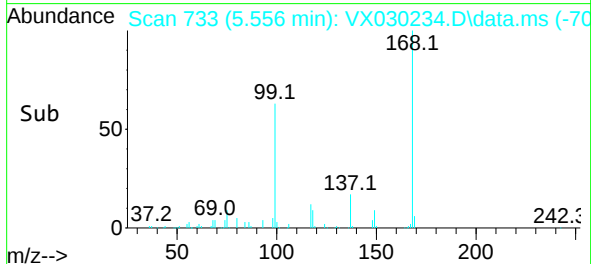
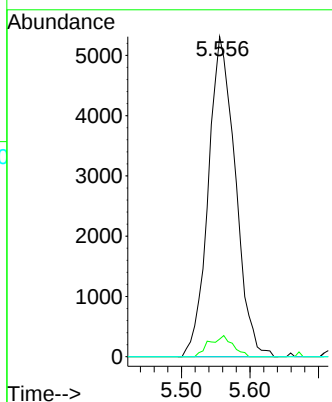
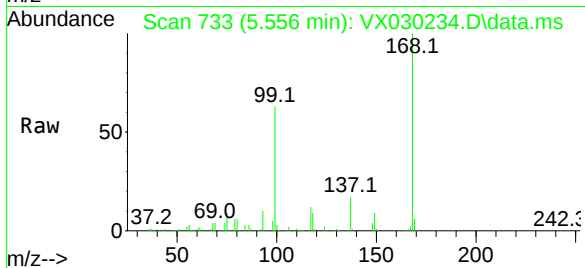




#38
Carbon Tetrachloride
Concen: 4.837 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

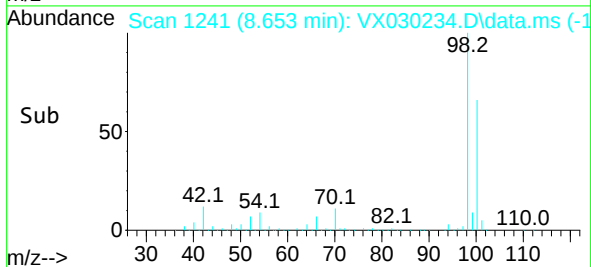
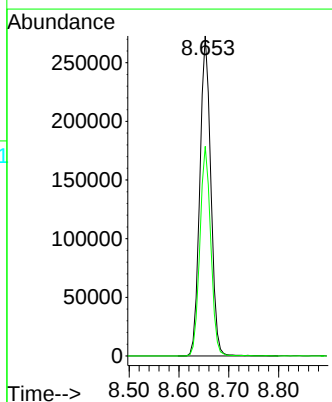
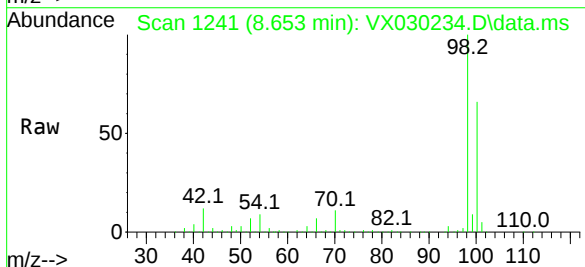
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

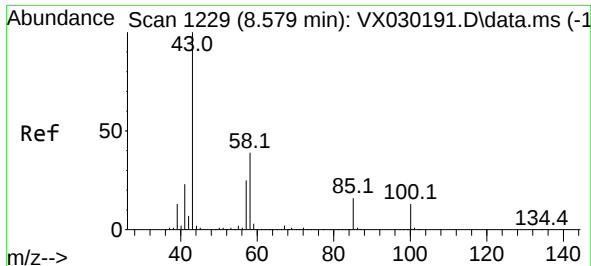
Tgt Ion:117 Resp: 14578
Ion Ratio Lower Upper
117 100
119 5.5 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 48.006 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

Tgt Ion: 98 Resp: 417025
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

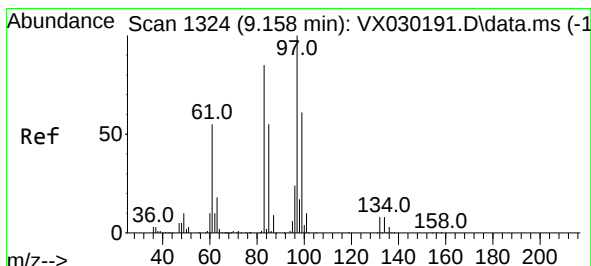
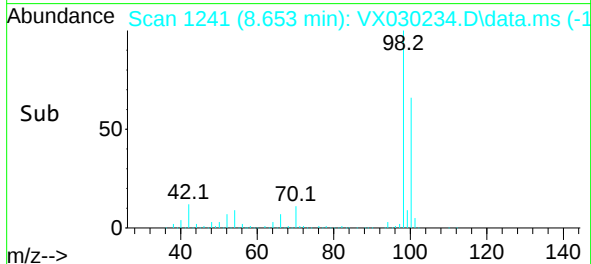
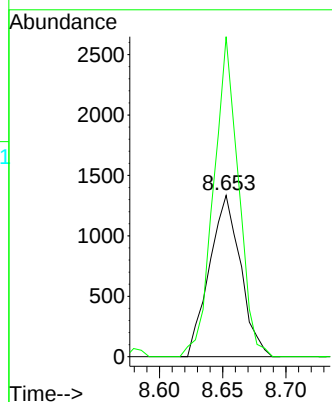
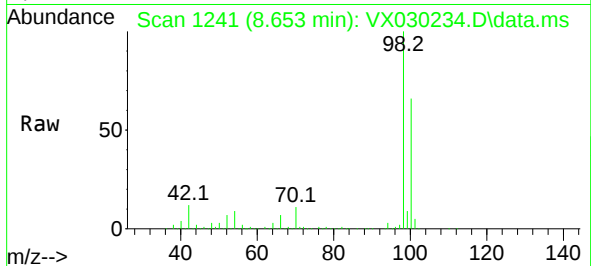




#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

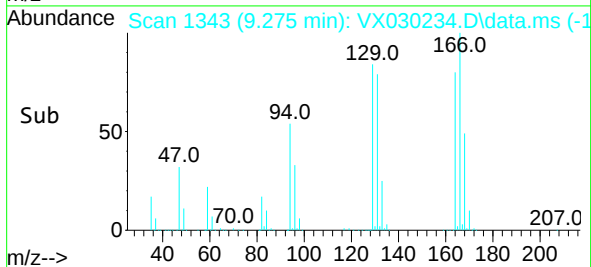
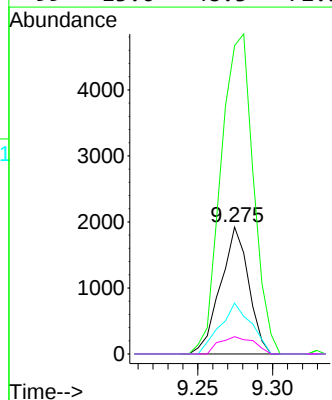
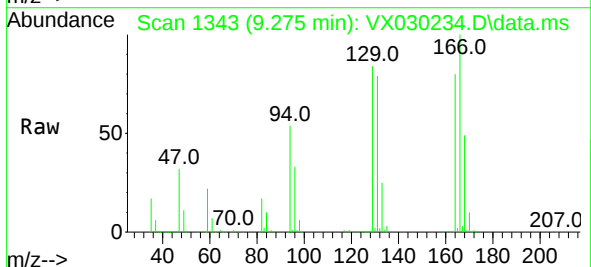
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

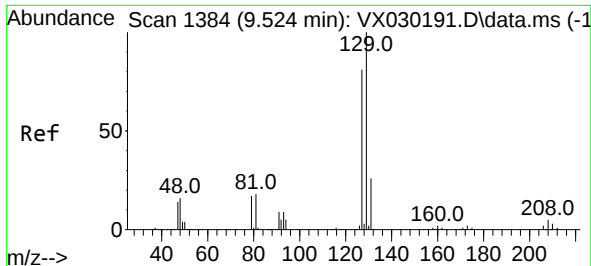
Tgt Ion: 43 Resp: 2287
Ion Ratio Lower Upper
43 100
58 158.5 31.4 47.2#



#55
1,1,2-Trichloroethane
Concen: 0.953 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.117 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

Tgt Ion: 97 Resp: 2515
Ion Ratio Lower Upper
97 100
83 242.9 68.9 103.3#
85 40.1 44.0 66.0#
99 13.6 48.3 72.5#

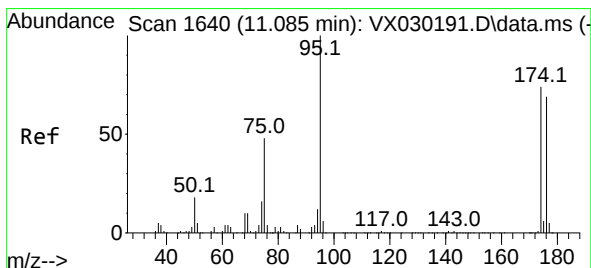
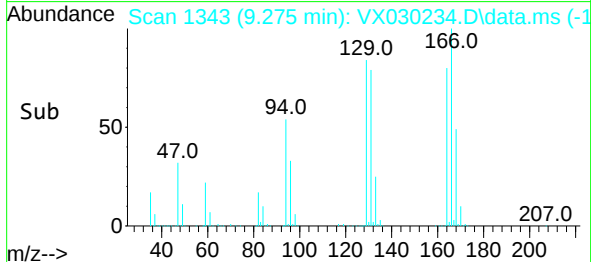
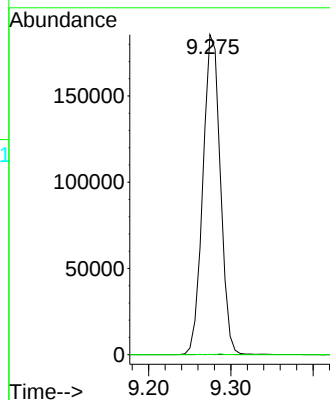
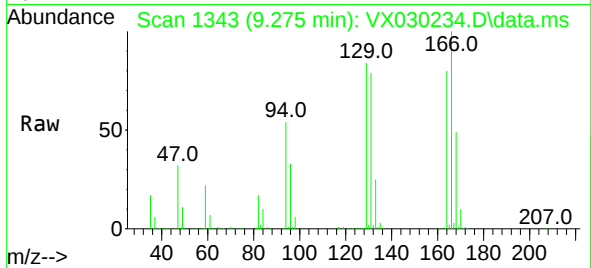




#60
Dibromochloromethane
Concen: 111.945 ug/l
RT: 9.275 min Scan# 1133
Delta R.T. -0.249 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

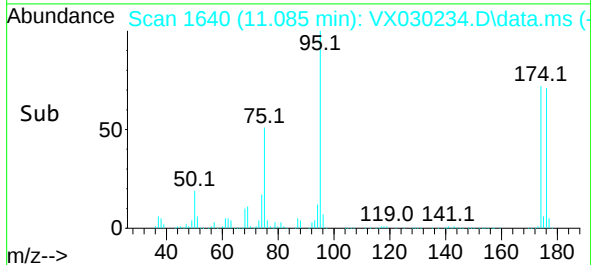
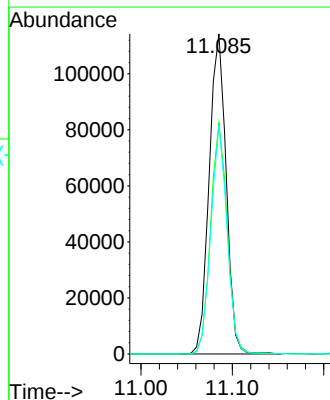
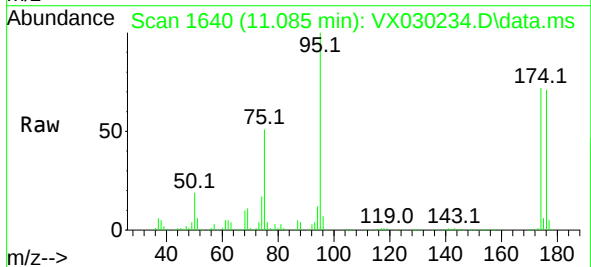
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

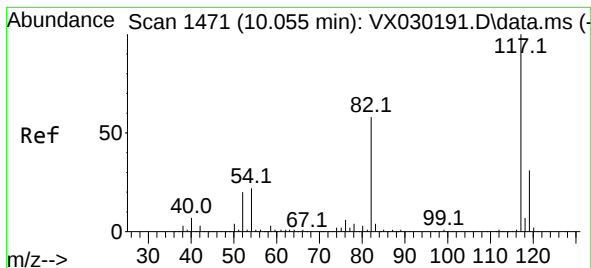
Tgt Ion:129 Resp: 273408
Ion Ratio Lower Upper
129 100
127 0.1 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 45.589 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

Tgt Ion: 95 Resp: 146976
Ion Ratio Lower Upper
95 100
174 70.9 0.0 149.0
176 68.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX030234.D

Acq: 27 Jul 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

TB-07182022

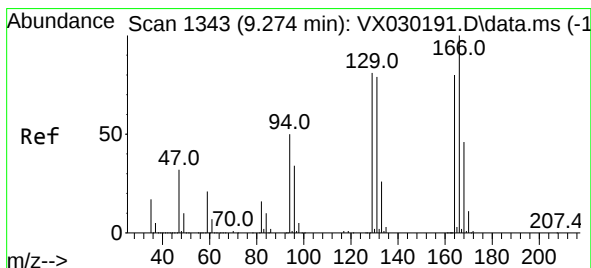
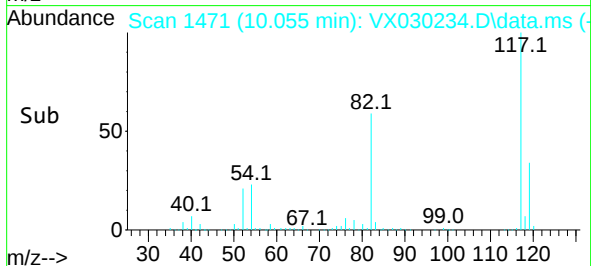
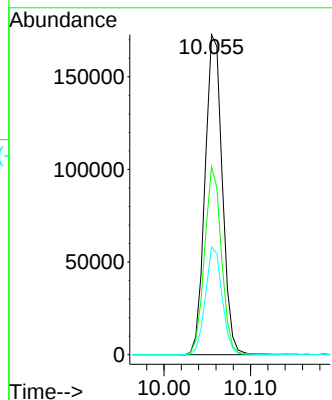
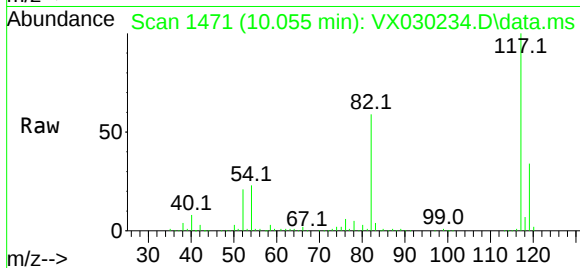
Tgt Ion:117 Resp: 239235

Ion Ratio Lower Upper

117 100

82 58.7 42.7 64.1

119 33.7 25.4 38.2



#64

Tetrachloroethene

Concen: 103.998 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.001 min

Lab File: VX030234.D

Acq: 27 Jul 2022 16:14

Tgt Ion:164 Resp: 267850

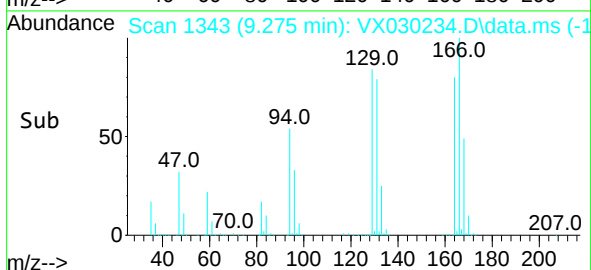
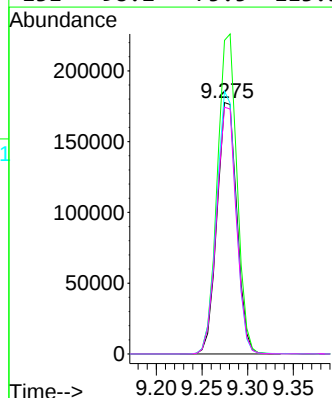
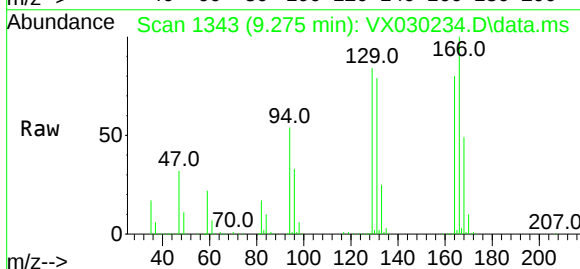
Ion Ratio Lower Upper

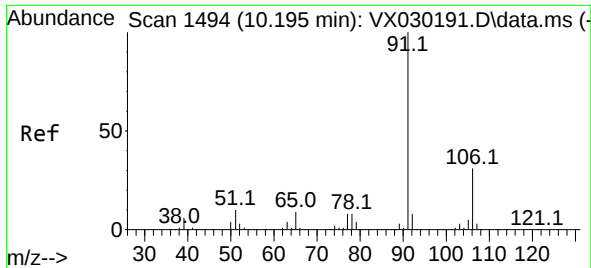
164 100

166 124.7 98.2 147.4

129 104.5 80.8 121.2

131 98.2 75.5 113.3

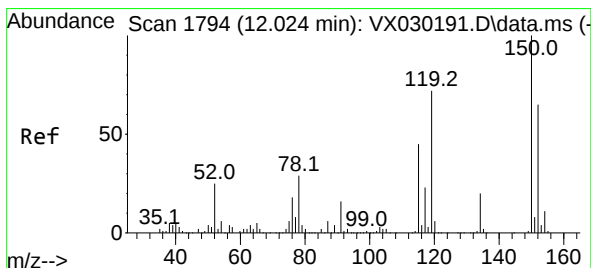
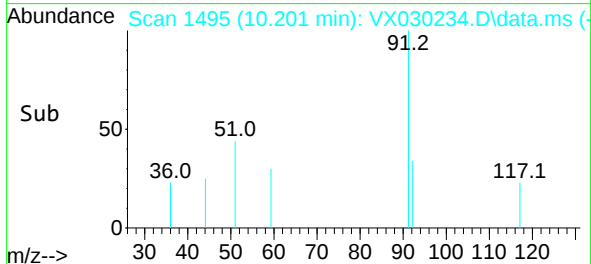
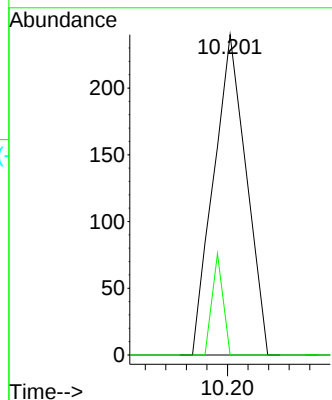
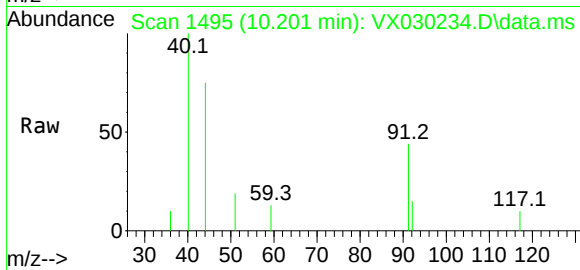




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

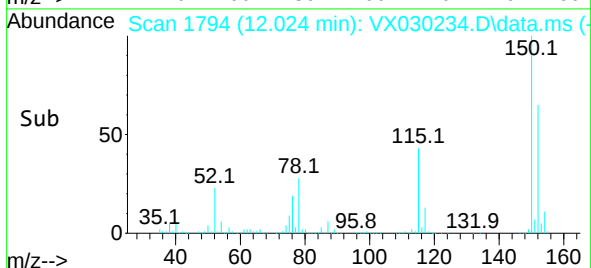
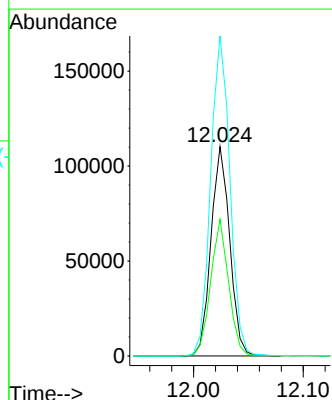
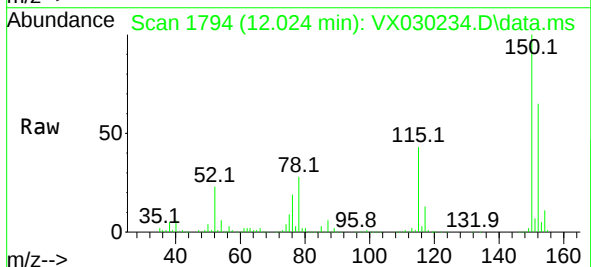
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

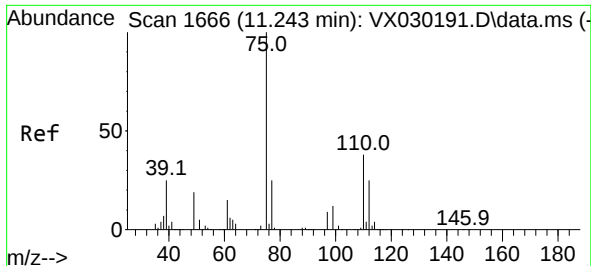
Tgt Ion: 91 Resp: 264
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

Tgt Ion:152 Resp: 131073
Ion Ratio Lower Upper
152 100
115 62.7 40.5 121.5
150 157.2 0.0 347.0

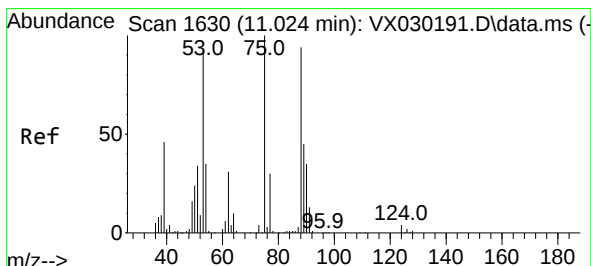
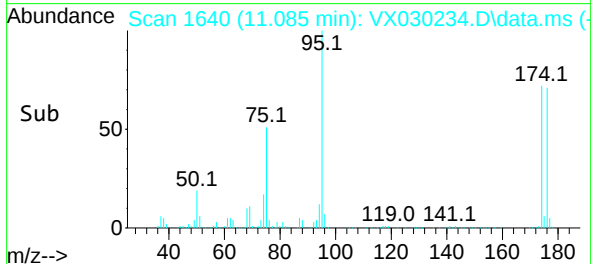
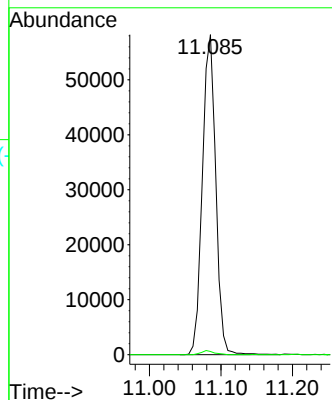
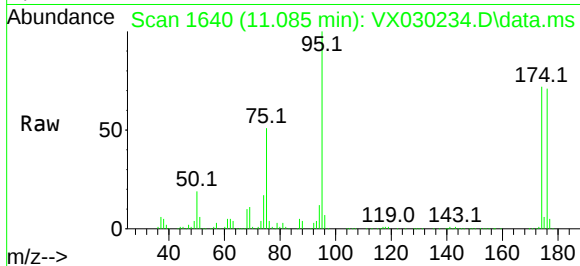




#76
1,2,3-Trichloropropane
Concen: 21.895 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

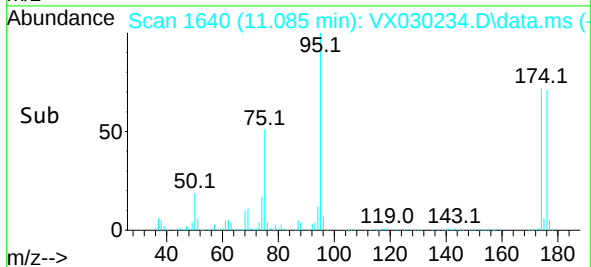
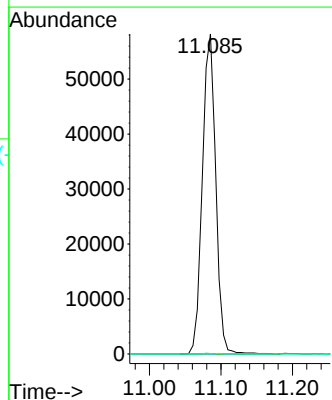
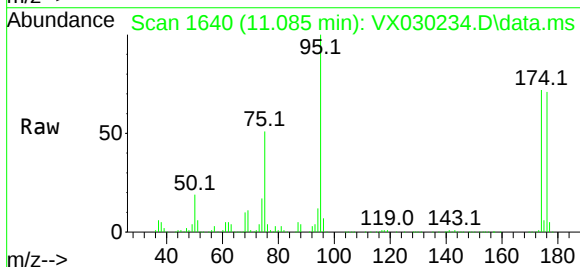
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

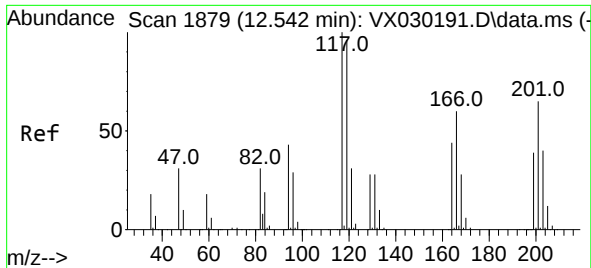
Tgt Ion: 75 Resp: 75646
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.682 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

Tgt Ion: 75 Resp: 75646
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.1 34.8 52.2#





#90
Hexachloroethane
Concen: 0.418 ug/l
RT: 12.542 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030234.D
Acq: 27 Jul 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

Tgt Ion:117 Resp: 626
Ion Ratio Lower Upper
117 100
201 66.1 34.2 102.5

