

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035799.D
 Acq On : 22 May 2023 20:51
 Operator : JC/MD
 Sample : 02884-06 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2005

Quant Time: May 23 06:17:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

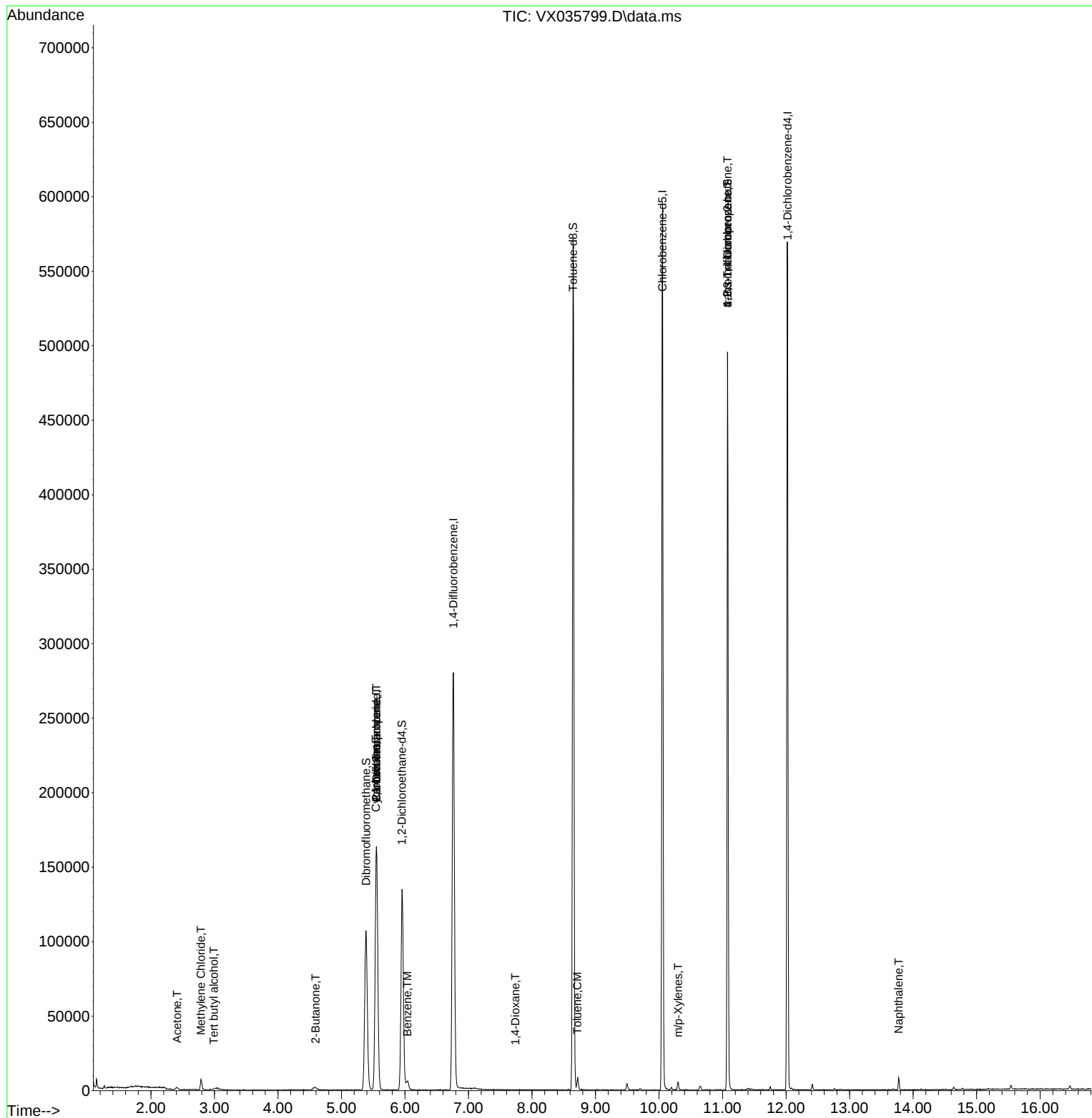
Internal Standards						
1) Pentafluorobenzene	5.550	168	153060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	125752	47.095	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.180%		
35) Dibromofluoromethane	5.385	113	92320	47.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.100%		
50) Toluene-d8	8.647	98	329146	45.891	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.780%#		
62) 4-Bromofluorobenzene	11.079	95	124196	43.005	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.020%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.989	59	978	2.076	ug/l #	73
16) Acetone	2.410	43	2648	2.307	ug/l	96
20) Methylene Chloride	2.788	84	2855	1.373	ug/l #	76
25) 2-Butanone	4.593	43	398	0.251	ug/l #	51
31) Cyclohexane	5.544	56	3762	1.115	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	12814	4.181	ug/l #	50
38) Carbon Tetrachloride	5.550	117	16208	5.583	ug/l #	16
40) Benzene	6.037	78	6454	0.753	ug/l	90
49) 1,4-Dioxane	7.738	88	19	2.312	ug/l #	1
52) Toluene	8.714	92	2743	0.507	ug/l	97
68) m/p-Xylenes	10.299	106	1347	0.346	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	65446	23.522	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	65446	75.809	ug/l #	8
95) Naphthalene	13.774	128	5031	0.603	ug/l	96

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

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Quant Time: May 23 06:17:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

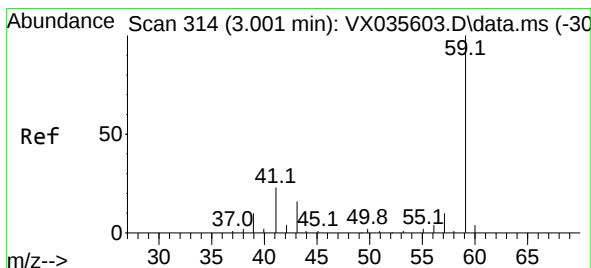
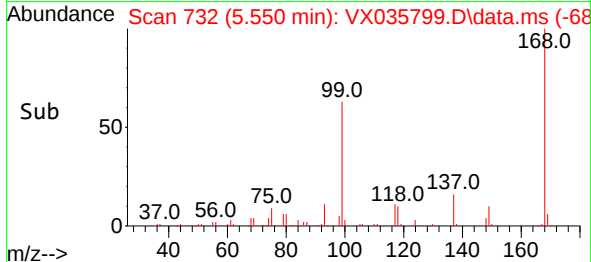
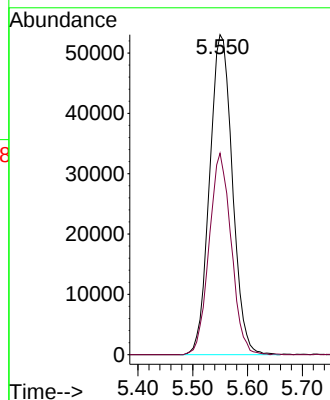
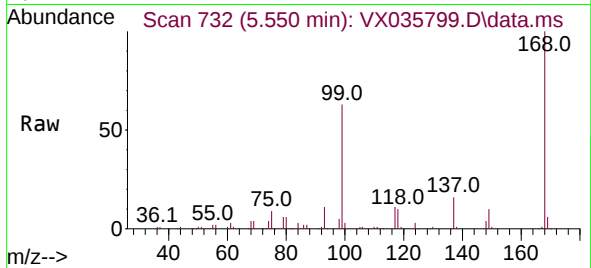




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035799.D
Acq: 22 May 2023 20:51

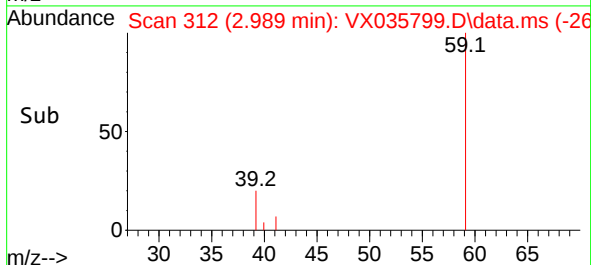
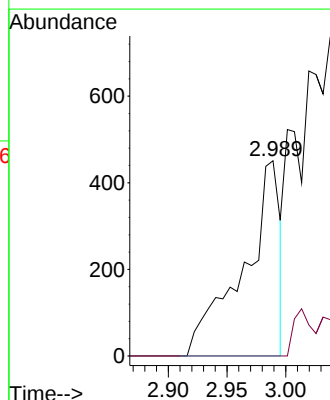
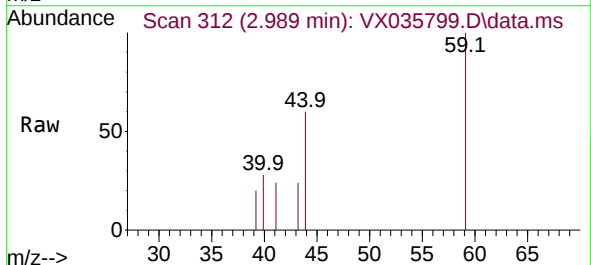
Instrument :
MSVOA_X
ClientSampleId :
2005

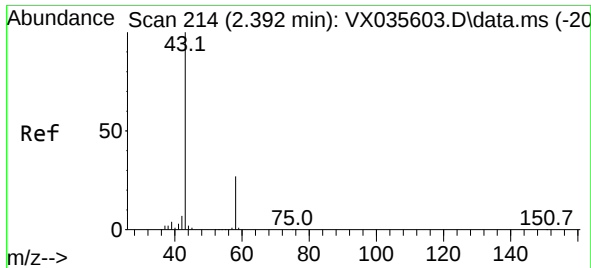
Tgt Ion:168 Resp: 153060
Ion Ratio Lower Upper
168 100
99 62.9 45.7 68.5



#11
Tert butyl alcohol
Concen: 2.076 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.012 min
Lab File: VX035799.D
Acq: 22 May 2023 20:51

Tgt Ion: 59 Resp: 978
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 2.307 ug/l

RT: 2.410 min Scan# 214

Delta R.T. 0.018 min

Lab File: VX035799.D

Acq: 22 May 2023 20:51

Instrument :

MSVOA_X

ClientSampleId :

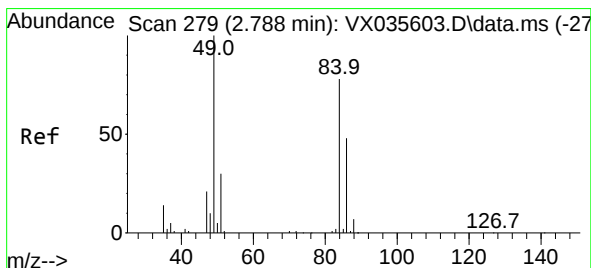
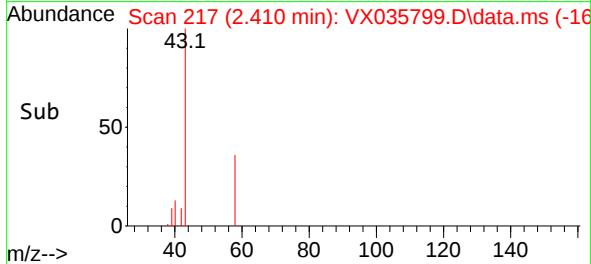
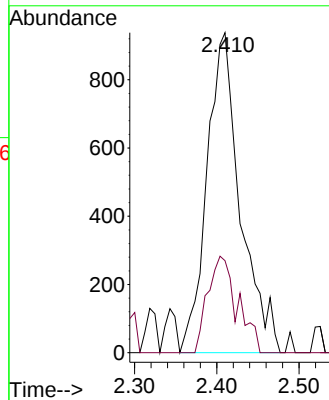
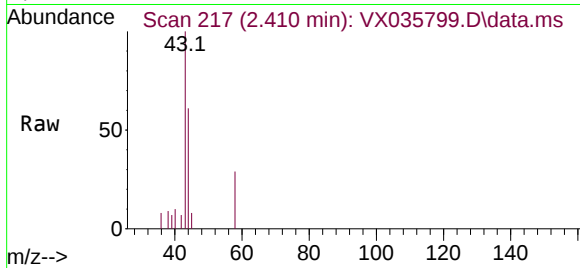
2005

Tgt Ion: 43 Resp: 2648

Ion Ratio Lower Upper

43 100

58 28.8 24.7 37.1



#20

Methylene Chloride

Concen: 1.373 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX035799.D

Acq: 22 May 2023 20:51

Tgt Ion: 84 Resp: 2855

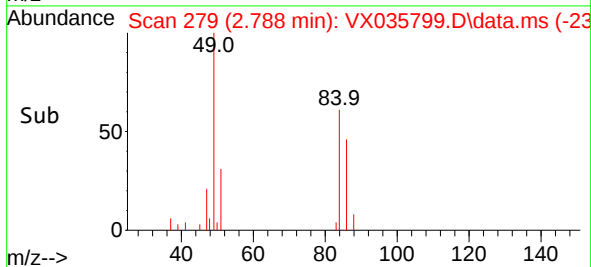
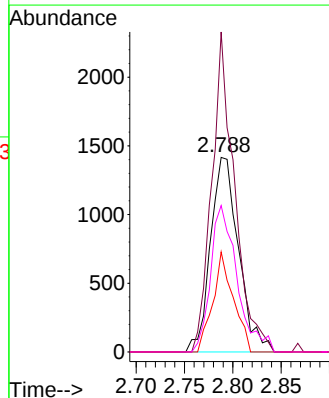
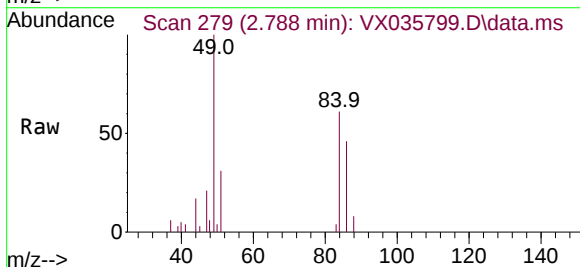
Ion Ratio Lower Upper

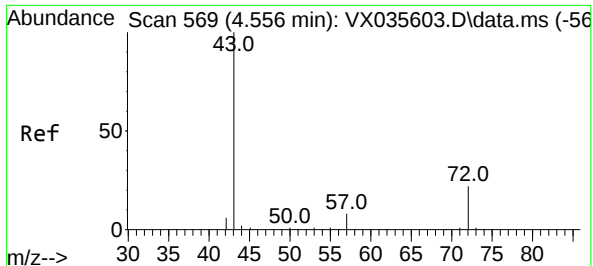
84 100

49 164.5 103.8 155.8#

51 51.4 31.8 47.8#

86 75.2 51.4 77.2





#25

2-Butanone

Concen: 0.251 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX035799.D

Acq: 22 May 2023 20:51

Instrument :

MSVOA_X

ClientSampleId :

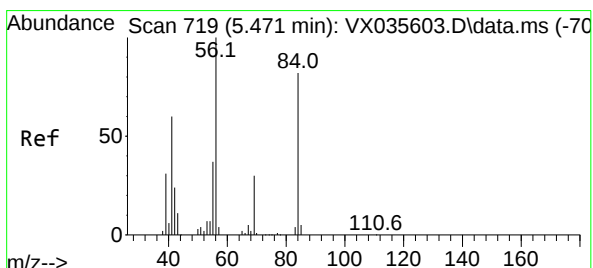
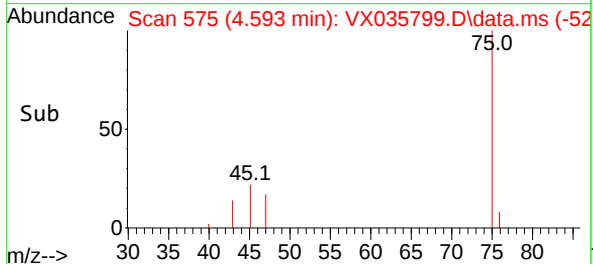
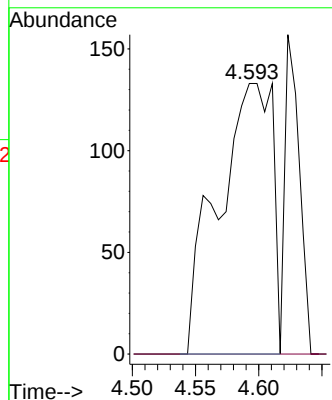
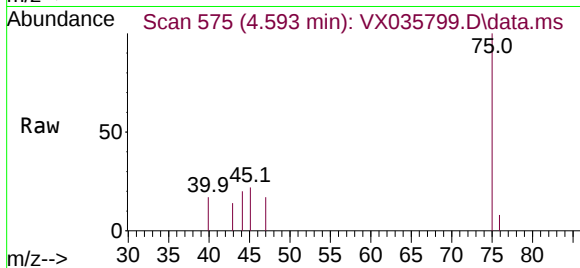
2005

Tgt Ion: 43 Resp: 398

Ion Ratio Lower Upper

43 100

72 0.0 19.3 28.9#



#31

Cyclohexane

Concen: 1.115 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX035799.D

Acq: 22 May 2023 20:51

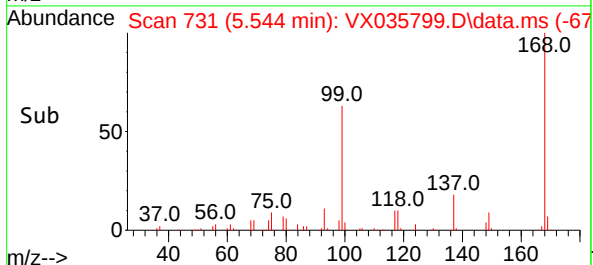
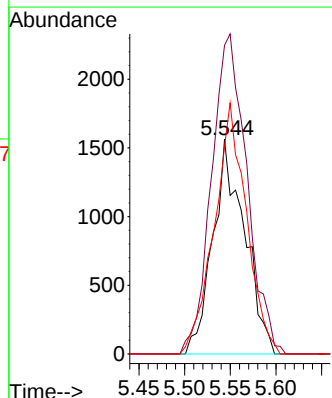
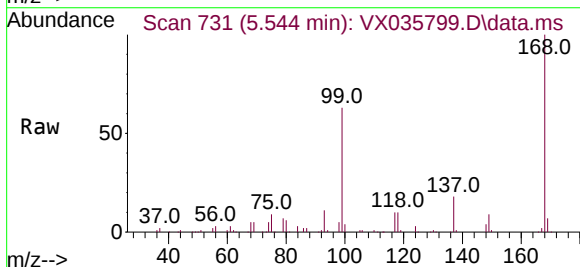
Tgt Ion: 56 Resp: 3762

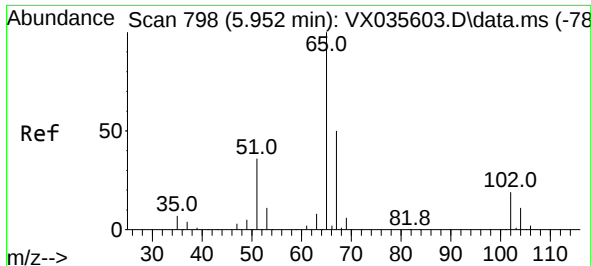
Ion Ratio Lower Upper

56 100

69 143.9 23.7 35.5#

84 96.6 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 47.095 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035799.D

Acq: 22 May 2023 20:51

Instrument :

MSVOA_X

ClientSampleId :

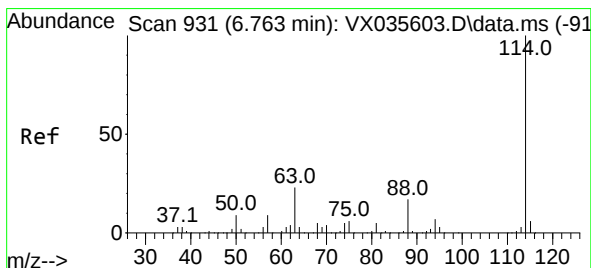
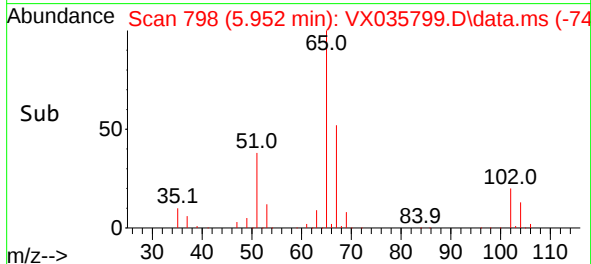
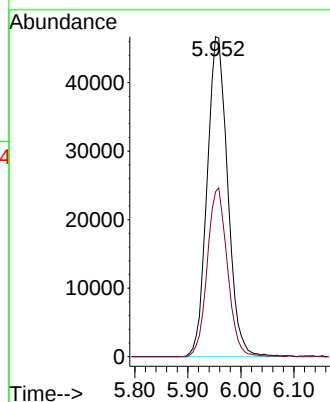
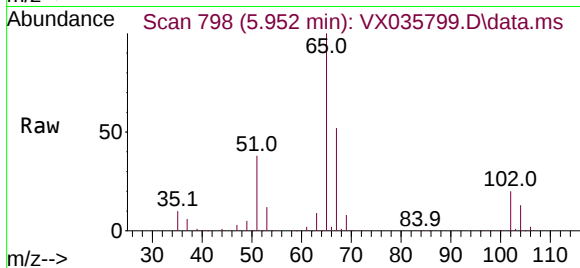
2005

Tgt Ion: 65 Resp: 125752

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035799.D

Acq: 22 May 2023 20:51

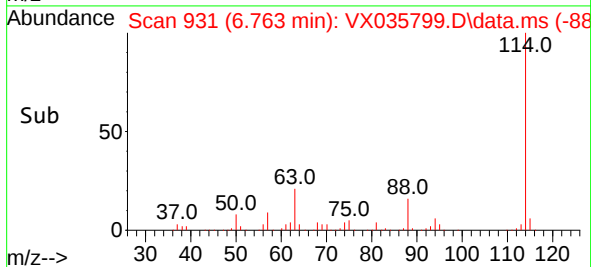
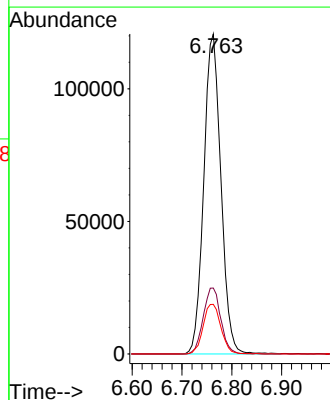
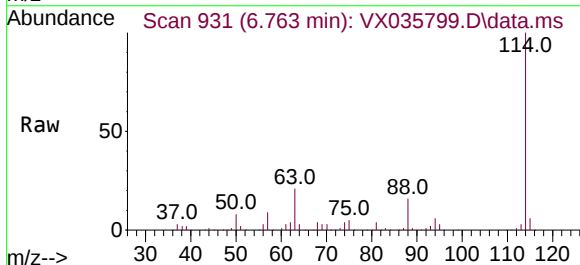
Tgt Ion: 114 Resp: 287888

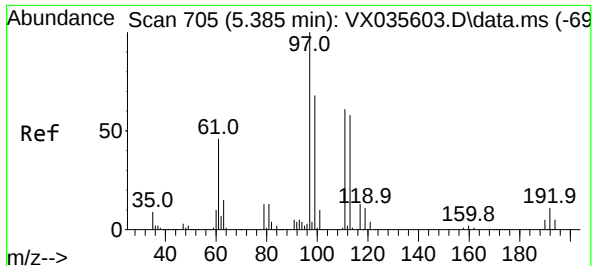
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.2

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.551 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035799.D

Acq: 22 May 2023 20:51

Instrument :

MSVOA_X

ClientSampleId :

2005

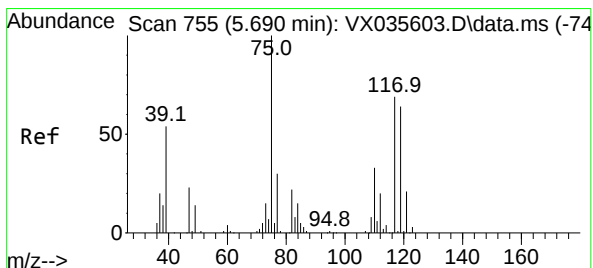
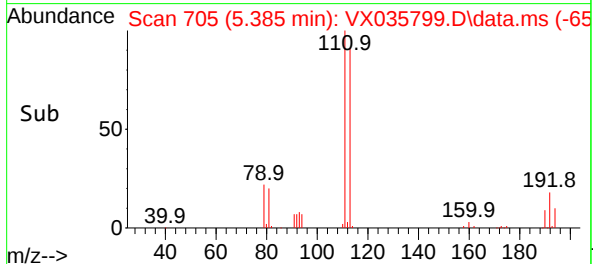
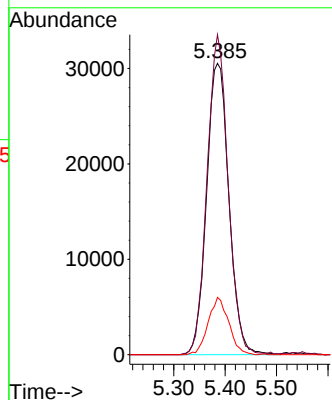
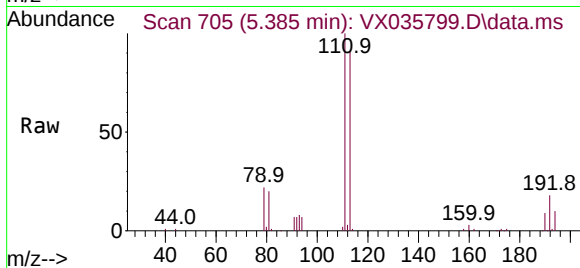
Tgt Ion:113 Resp: 92320

Ion Ratio Lower Upper

113 100

111 103.5 83.7 125.5

192 18.1 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.181 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035799.D

Acq: 22 May 2023 20:51

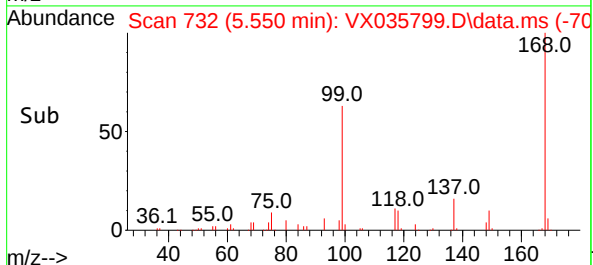
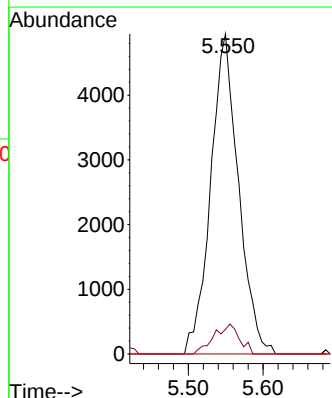
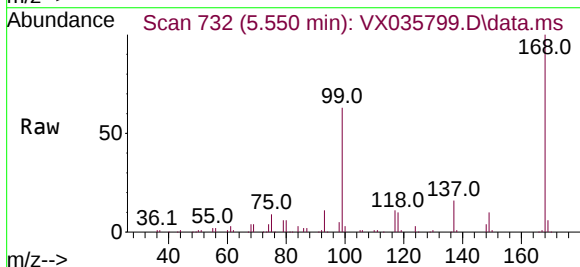
Tgt Ion: 75 Resp: 12814

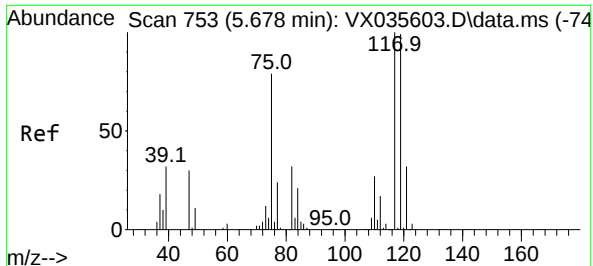
Ion Ratio Lower Upper

75 100

110 8.5 17.5 52.5#

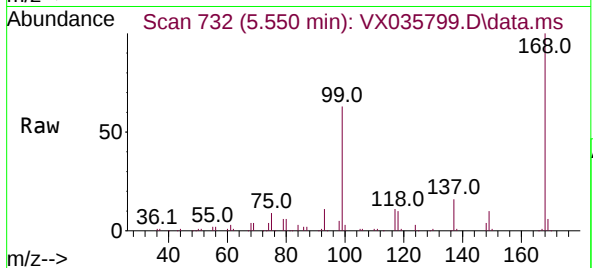
77 0.0 24.3 36.5#



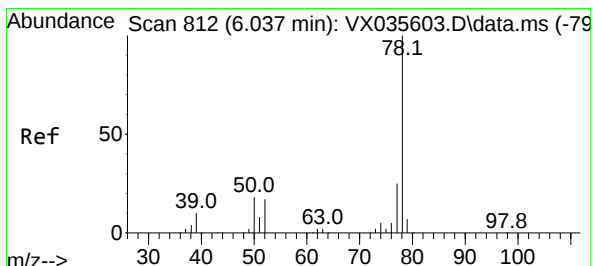
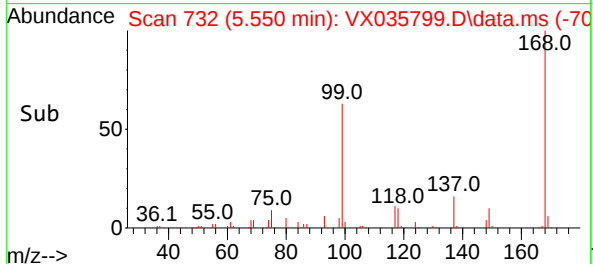
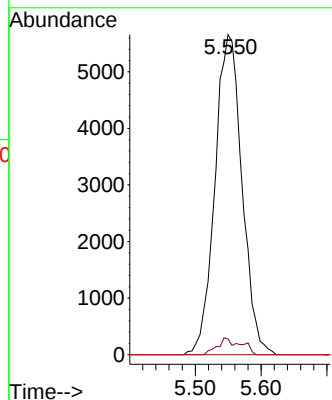


#38
Carbon Tetrachloride
Concen: 5.583 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035799.D
Acq: 22 May 2023 20:51

Instrument :
MSVOA_X
ClientSampleId :
2005

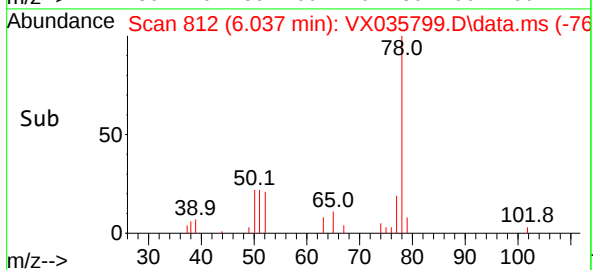
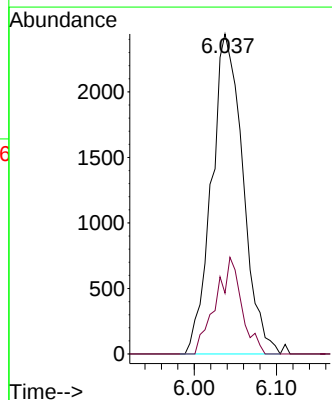
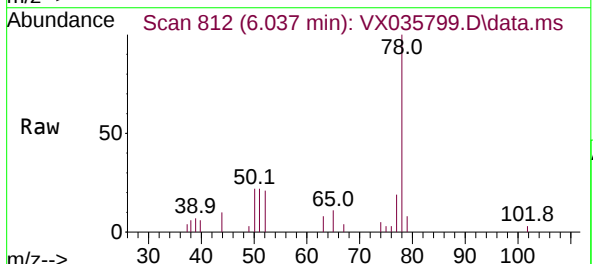


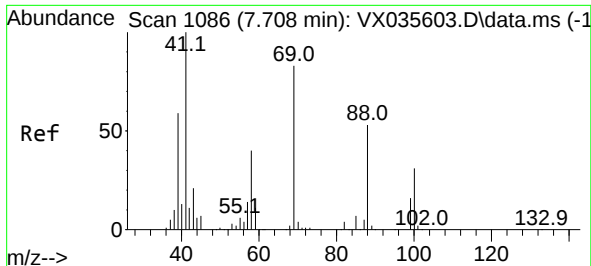
Tgt Ion:117 Resp: 16208
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#40
Benzene
Concen: 0.753 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035799.D
Acq: 22 May 2023 20:51

Tgt Ion: 78 Resp: 6454
Ion Ratio Lower Upper
78 100
77 19.0 19.0 28.4





#49

1,4-Dioxane

Concen: 2.312 ug/l

RT: 7.738 min Scan# 1086

Delta R.T. 0.030 min

Lab File: VX035799.D

Acq: 22 May 2023 20:51

Instrument :

MSVOA_X

ClientSampleId :

2005

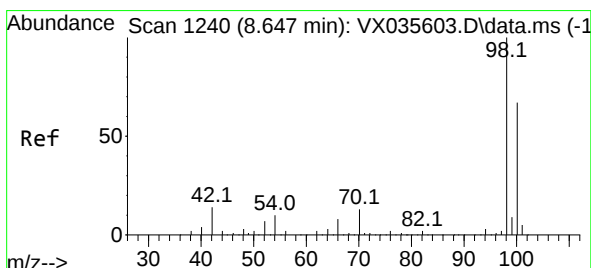
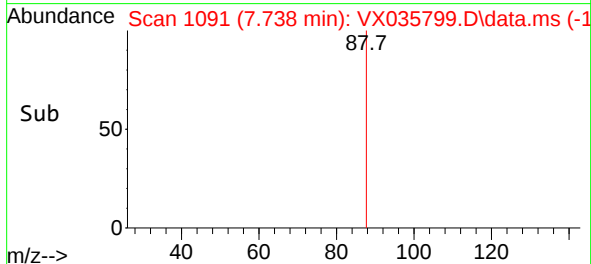
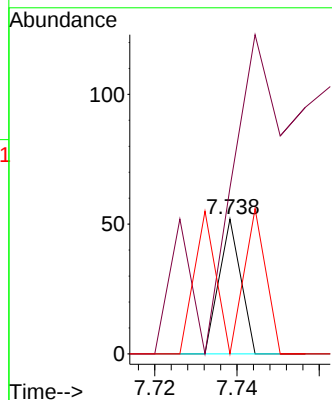
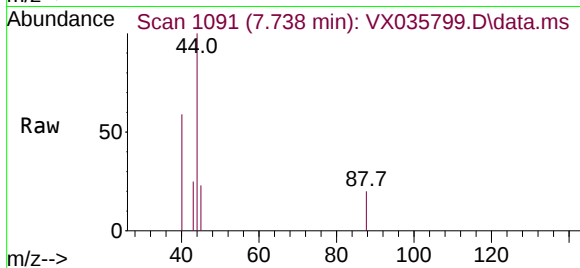
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 621.1 27.7 41.5#

58 215.8 56.8 85.2#



#50

Toluene-d8

Concen: 45.891 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035799.D

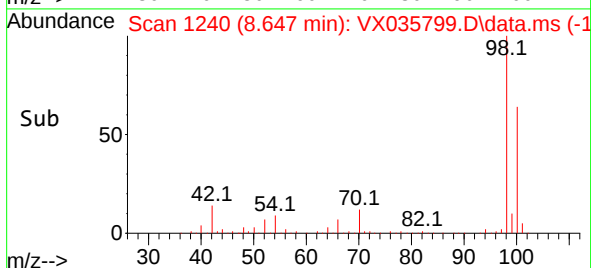
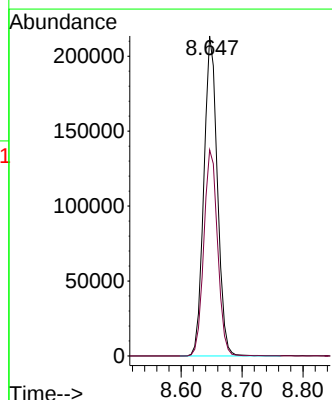
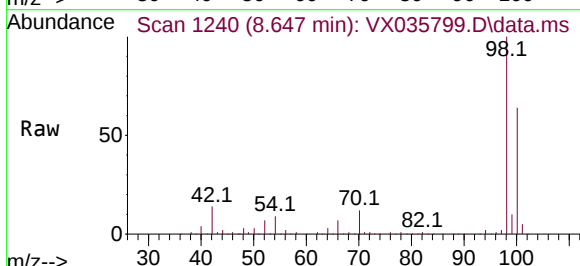
Acq: 22 May 2023 20:51

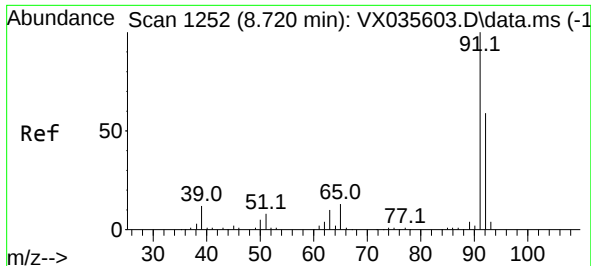
Tgt Ion: 98 Resp: 329146

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7





#52

Toluene

Concen: 0.507 ug/l

RT: 8.714 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035799.D

Acq: 22 May 2023 20:51

Instrument :

MSVOA_X

ClientSampleId :

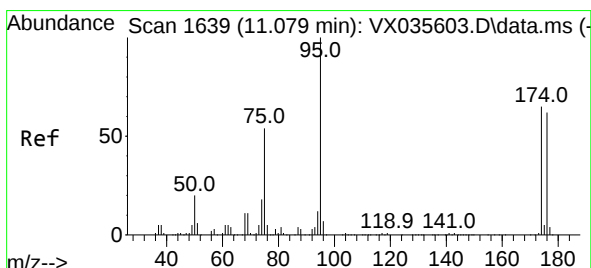
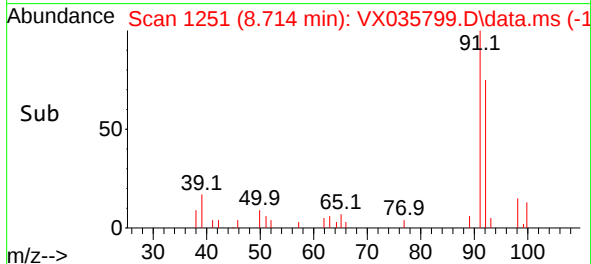
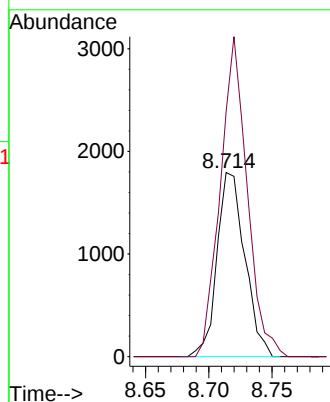
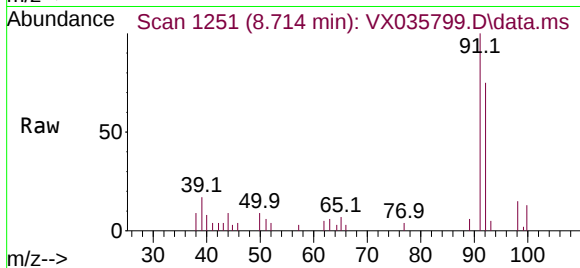
2005

Tgt Ion: 92 Resp: 2743

Ion Ratio Lower Upper

92 100

91 167.6 136.8 205.2



#62

4-Bromofluorobenzene

Concen: 43.005 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035799.D

Acq: 22 May 2023 20:51

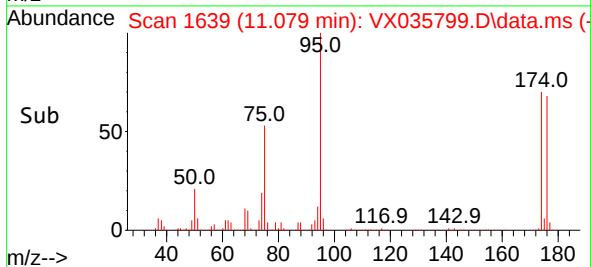
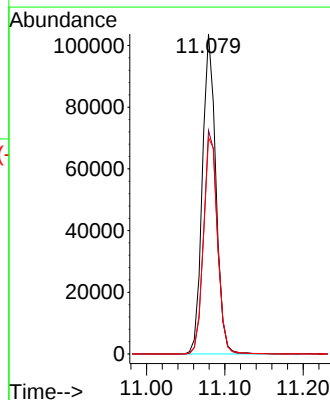
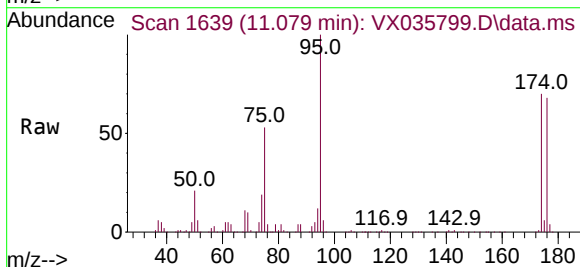
Tgt Ion: 95 Resp: 124196

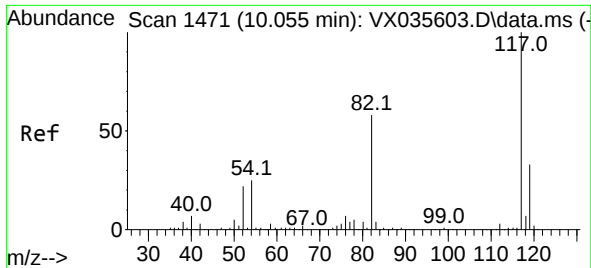
Ion Ratio Lower Upper

95 100

174 71.1 0.0 147.4

176 70.8 0.0 140.6

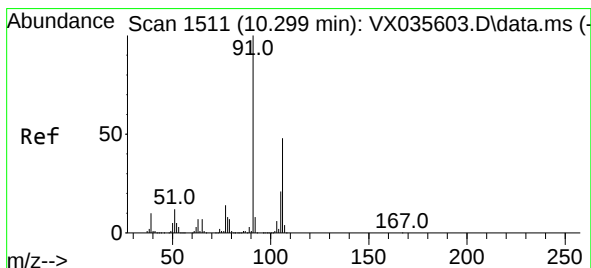
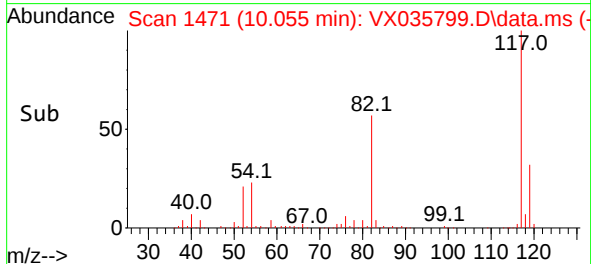
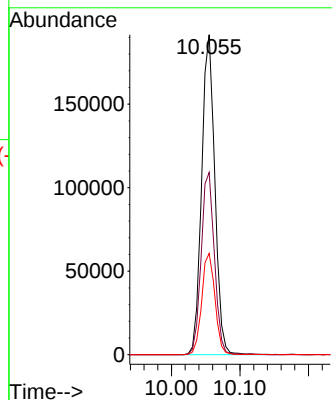
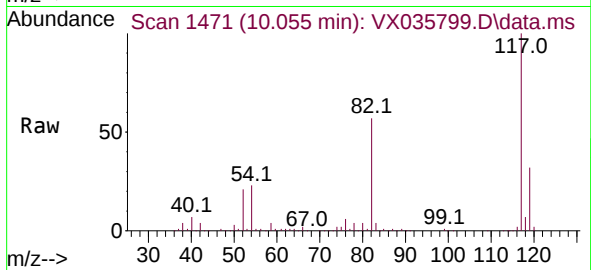




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035799.D
Acq: 22 May 2023 20:51

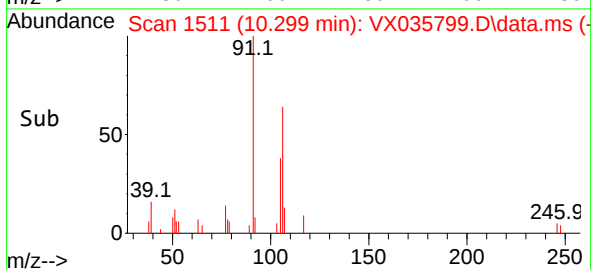
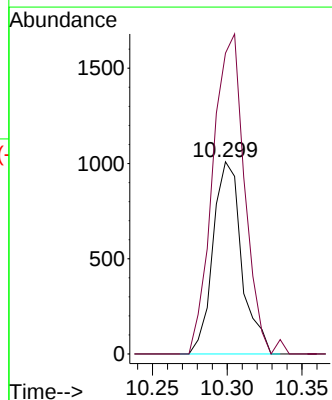
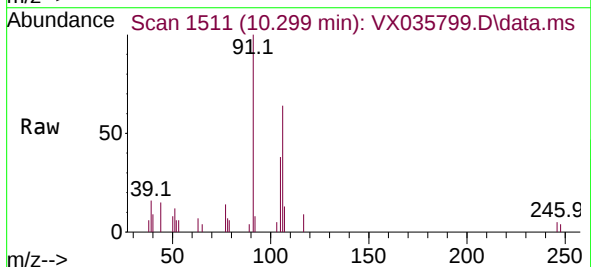
Instrument :
MSVOA_X
ClientSampleId :
2005

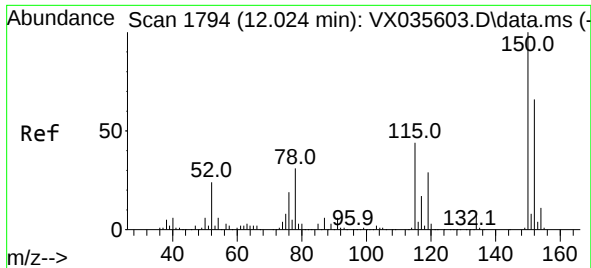
Tgt Ion:117 Resp: 256893
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 31.6 26.0 39.0



#68
m/p-Xylenes
Concen: 0.346 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035799.D
Acq: 22 May 2023 20:51

Tgt Ion:106 Resp: 1347
Ion Ratio Lower Upper
106 100
91 185.1 164.0 246.0

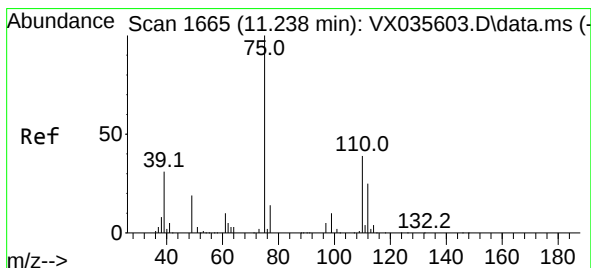
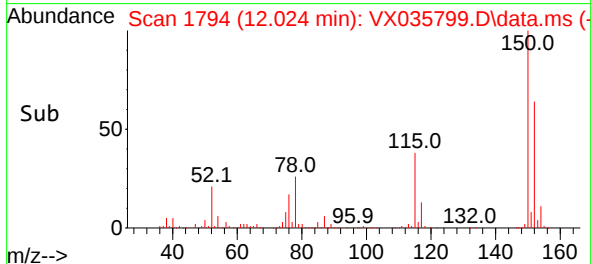
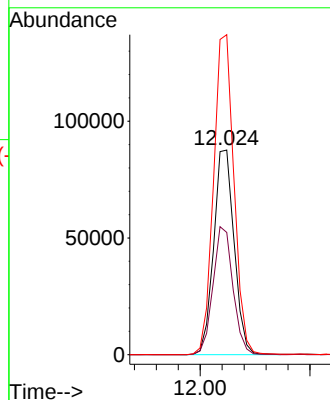
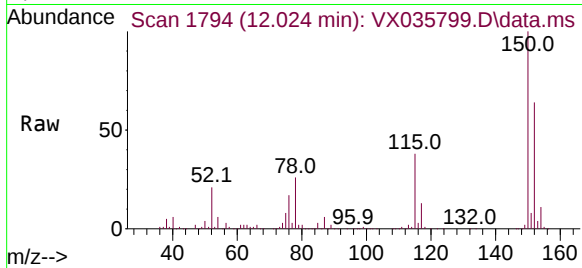




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035799.D
 Acq: 22 May 2023 20:51

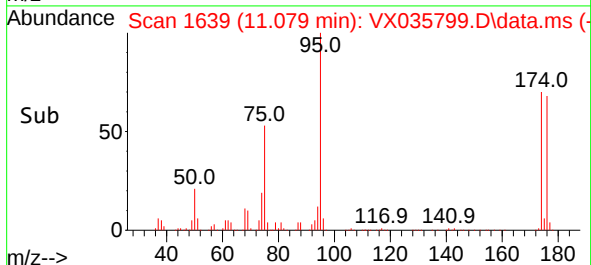
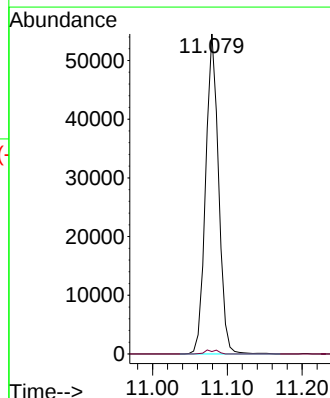
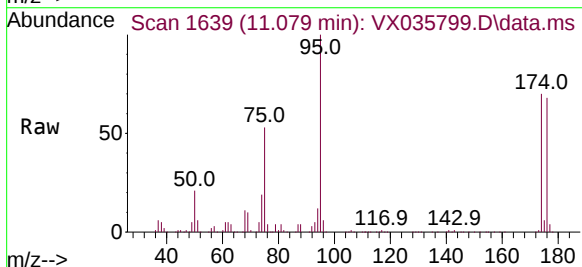
Instrument :
 MSVOA_X
 ClientSampleId :
 2005

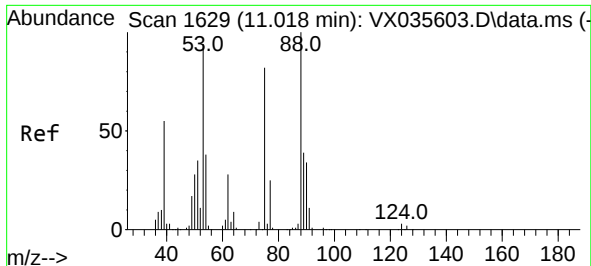
Tgt Ion:152 Resp: 113748
 Ion Ratio Lower Upper
 152 100
 115 60.9 45.0 135.0
 150 155.9 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 23.522 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035799.D
 Acq: 22 May 2023 20:51

Tgt Ion: 75 Resp: 65446
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#

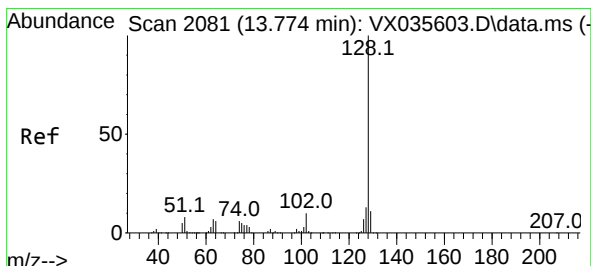
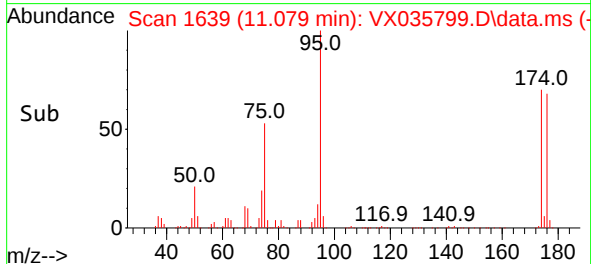
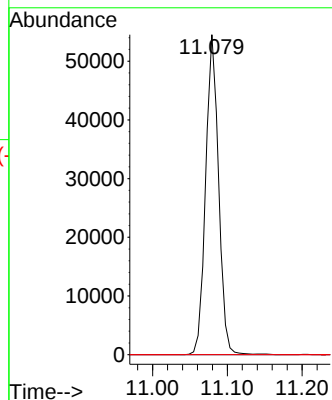
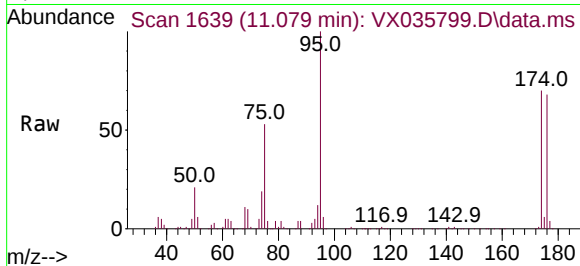




#81
trans-1,4-Dichloro-2-butene
Concen: 75.809 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035799.D
Acq: 22 May 2023 20:51

Instrument :
MSVOA_X
ClientSampleId :
2005

Tgt Ion: 75 Resp: 65446
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.603 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035799.D
Acq: 22 May 2023 20:51

Tgt Ion: 128 Resp: 5031
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 8.6 8.6 13.0

