

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030994.D
 Acq On : 31 Aug 2022 22:36
 Operator : JC/MD
 Sample : VX0831WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBL02

Quant Time: Sep 06 02:24:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

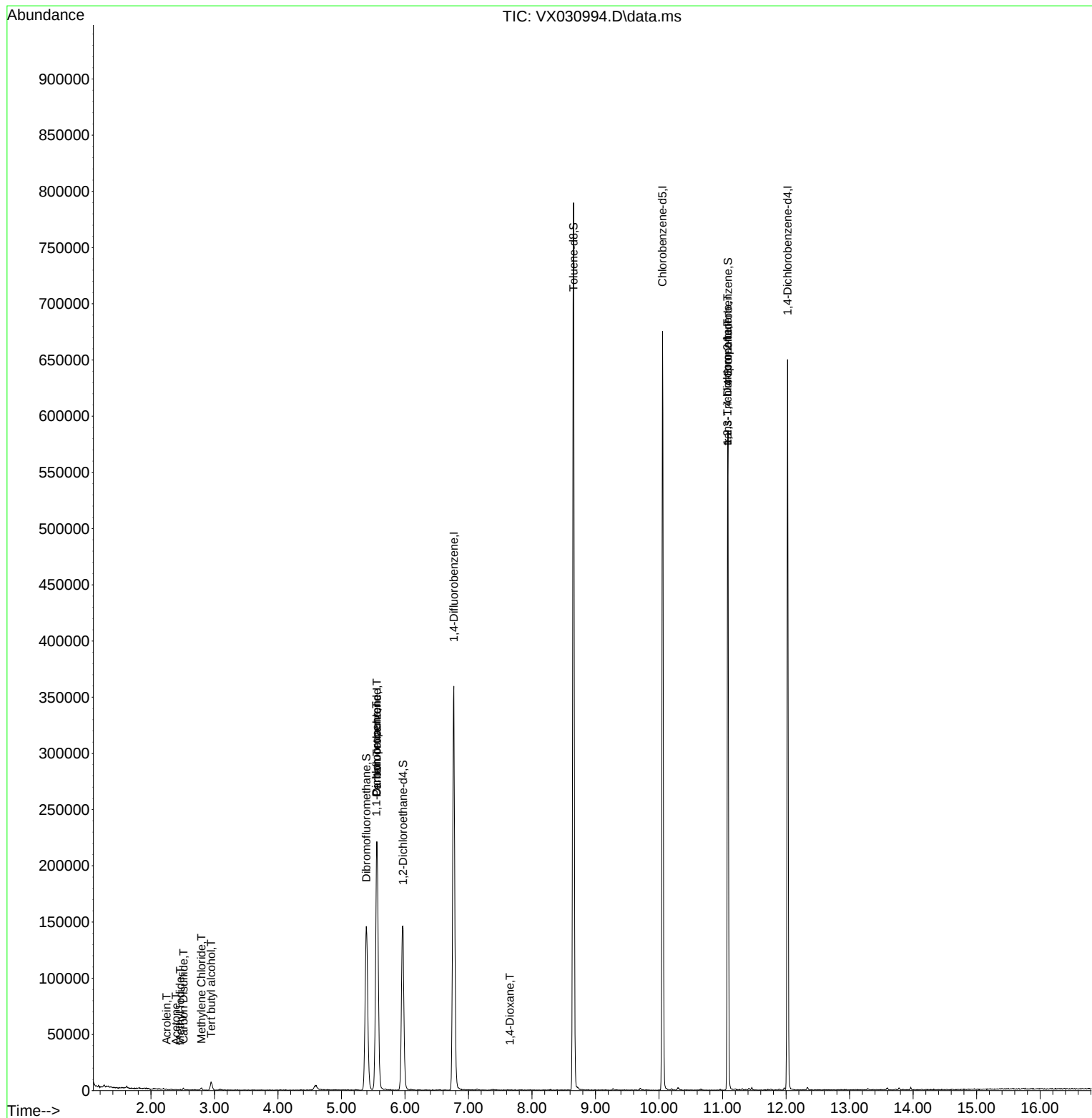
Internal Standards						
1) Pentafluorobenzene	5.556	168	217577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	375963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	141720	45.413	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.820%		
35) Dibromofluoromethane	5.391	113	131776	47.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.100%		
50) Toluene-d8	8.653	98	494257	48.157	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.320%		
62) 4-Bromofluorobenzene	11.085	95	160353	43.874	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.740%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	437	Below Cal	#	64
10) Methyl Iodide	2.459	142	499	4.559	ug/l #	83
11) Tert butyl alcohol	2.946	59	3675	4.971	ug/l #	76
13) Acrolein	2.245	56	60	7.429	ug/l #	14
16) Acetone	2.392	43	566	0.402	ug/l #	74
17) Carbon Disulfide	2.514	76	1906	0.273	ug/l	96
20) Methylene Chloride	2.794	84	989	0.309	ug/l #	72
36) 1,1-Dichloropropene	5.550	75	16910	4.105	ug/l #	48
38) Carbon Tetrachloride	5.556	117	21294	5.430	ug/l #	19
49) 1,4-Dioxane	7.653	88	23	0.260	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	74519	21.616	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	74519	64.268	ug/l #	12

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

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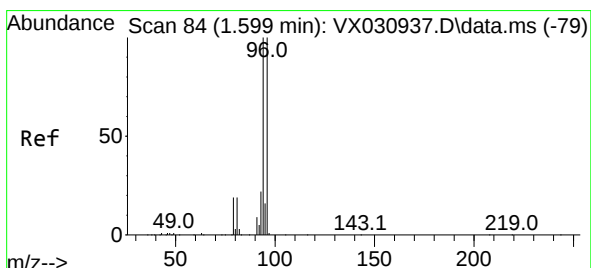
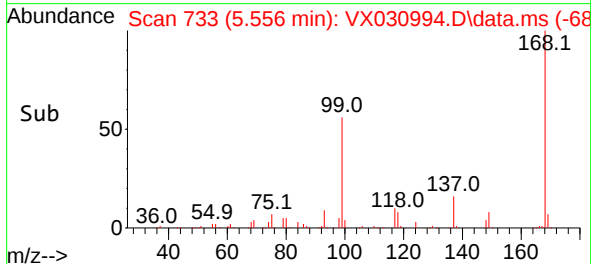
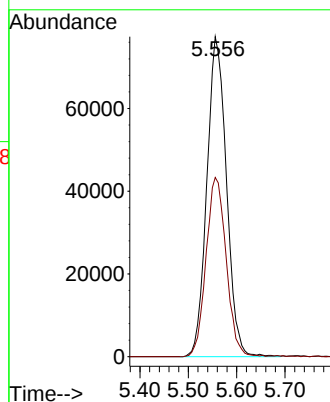
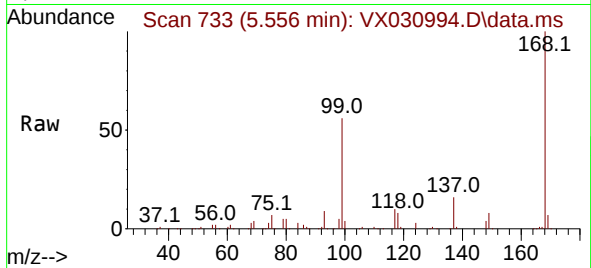




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

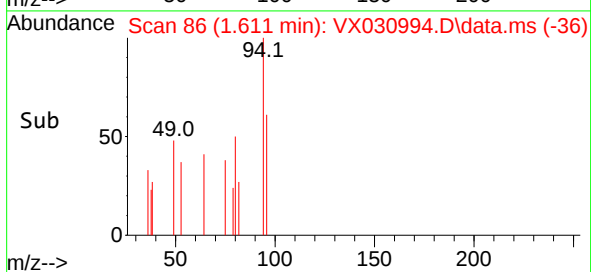
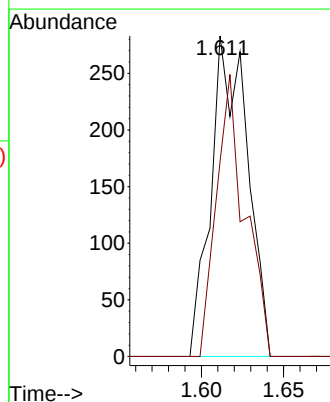
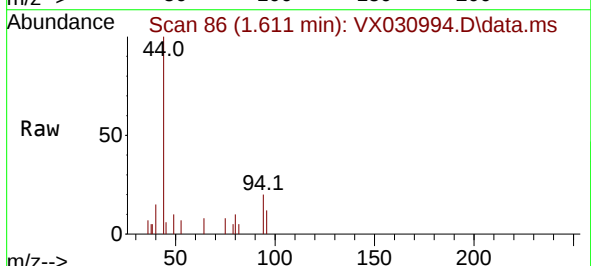
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL02

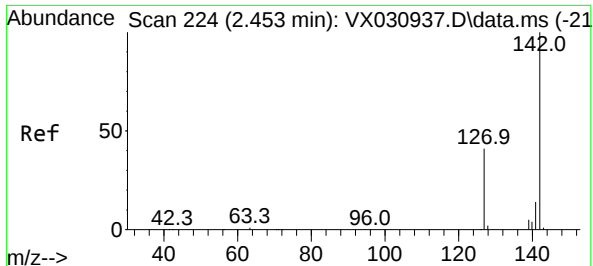
Tgt Ion:168 Resp: 217577
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

Tgt Ion: 94 Resp: 437
Ion Ratio Lower Upper
94 100
96 60.8 76.9 115.3#

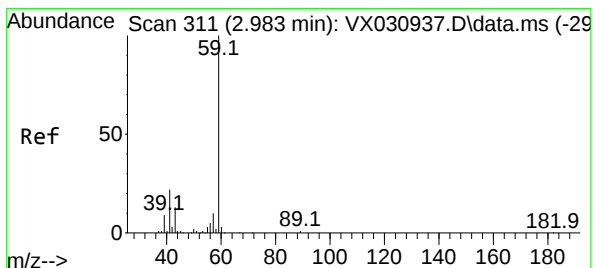
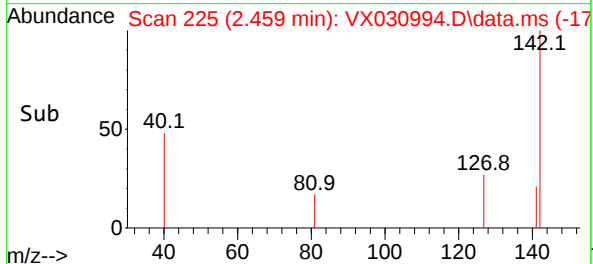
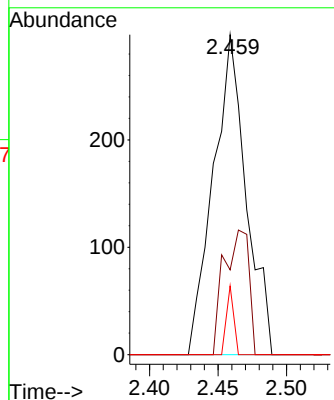
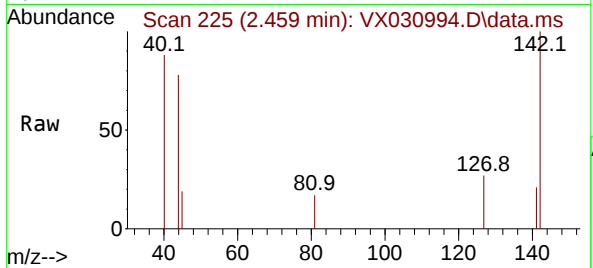




#10
Methyl Iodide
Concen: 4.559 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

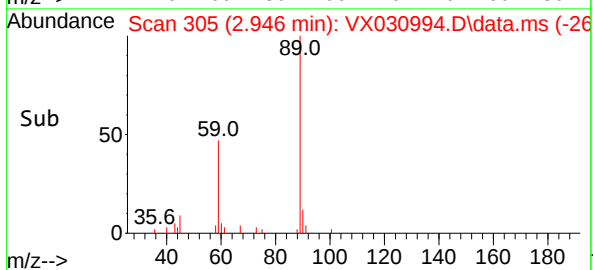
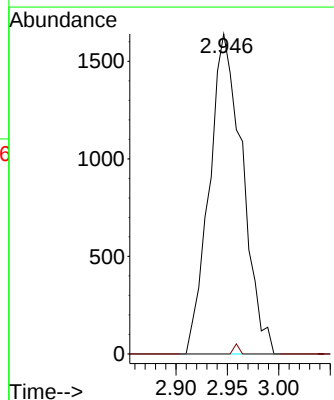
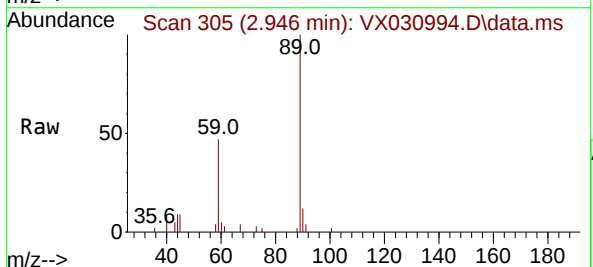
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL02

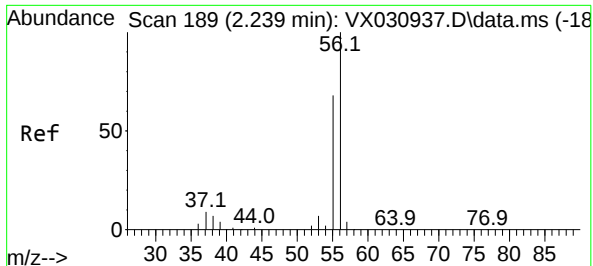
Tgt Ion:142 Resp: 499
Ion Ratio Lower Upper
142 100
127 29.3 30.2 45.2#
141 4.6 11.3 16.9#



#11
Tert butyl alcohol
Concen: 4.971 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

Tgt Ion: 59 Resp: 3675
Ion Ratio Lower Upper
59 100
57 0.5 7.4 11.2#

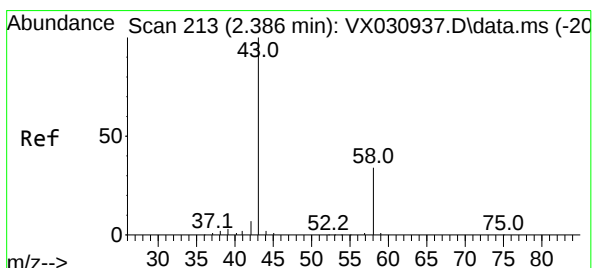
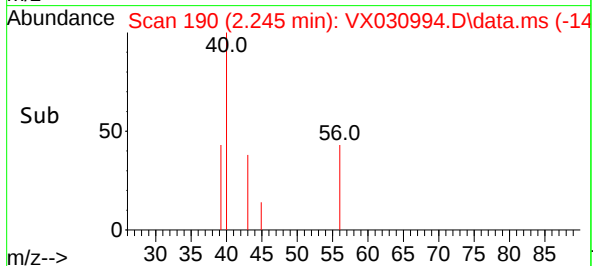
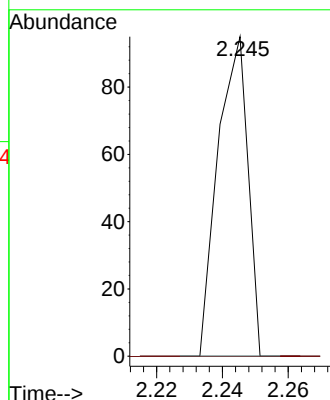
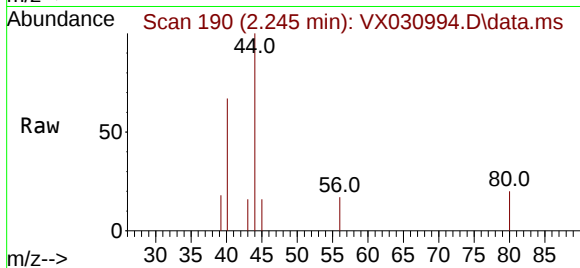




#13
Acrolein
Concen: 7.429 ug/l
RT: 2.245 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

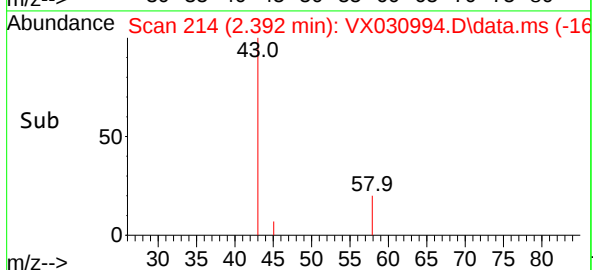
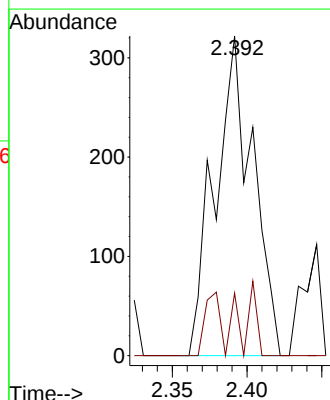
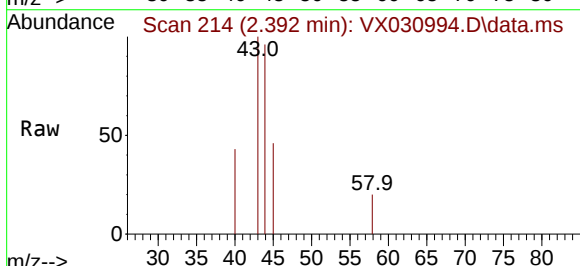
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL02

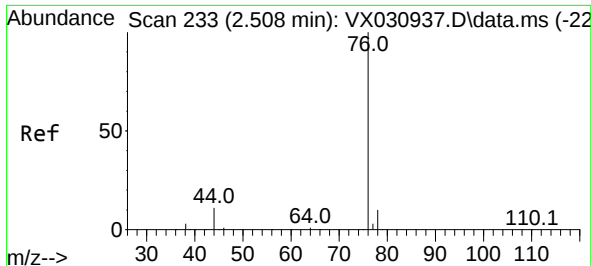
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 0.402 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
58 19.6 27.7 41.5#





#17

Carbon Disulfide

Concen: 0.273 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX030994.D

Acq: 31 Aug 2022 22:36

Instrument :

MSVOA_X

ClientSampleId :

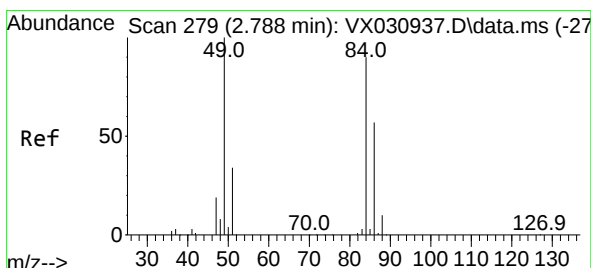
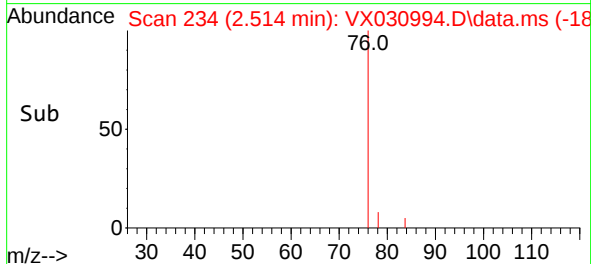
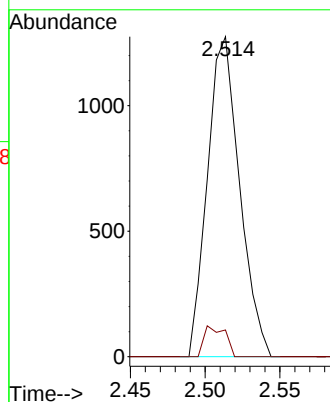
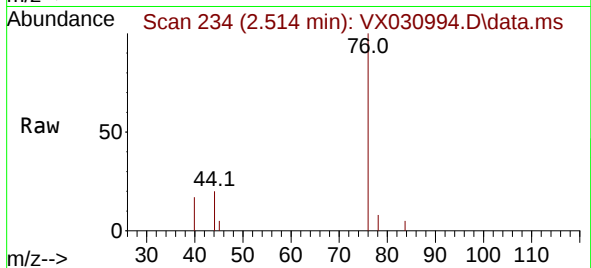
VX0831WBL02

Tgt Ion: 76 Resp: 1906

Ion Ratio Lower Upper

76 100

78 8.4 7.8 11.6



#20

Methylene Chloride

Concen: 0.309 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX030994.D

Acq: 31 Aug 2022 22:36

Tgt Ion: 84 Resp: 989

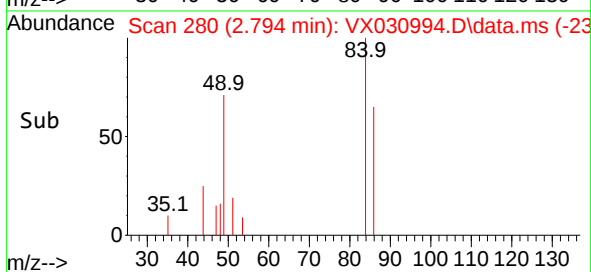
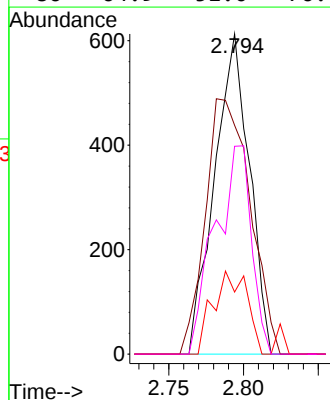
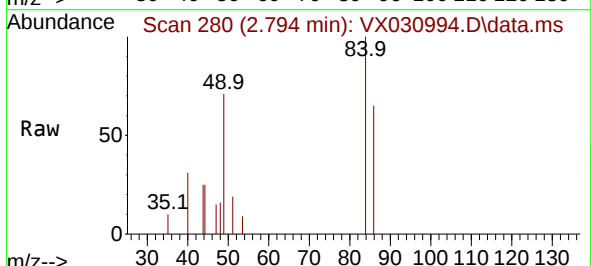
Ion Ratio Lower Upper

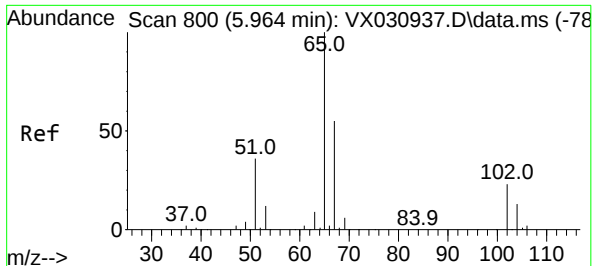
84 100

49 71.5 93.8 140.6#

51 19.4 29.4 44.0#

86 64.9 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 45.413 ug/l

RT: 5.970 min Scan# 800

Delta R.T. 0.012 min

Lab File: VX030994.D

Acq: 31 Aug 2022 22:36

Instrument :

MSVOA_X

ClientSampleId :

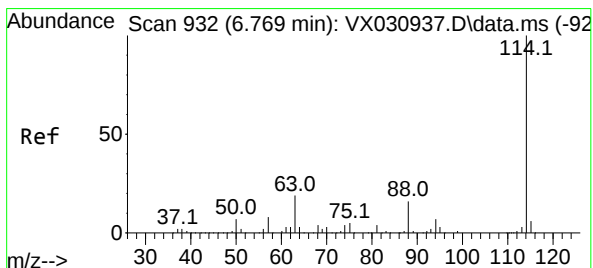
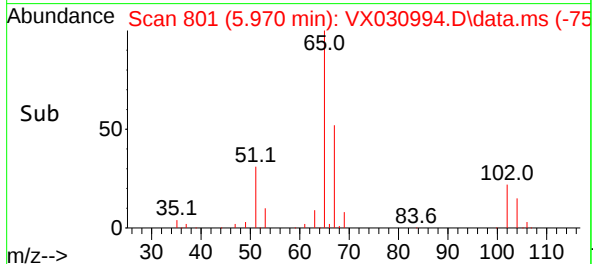
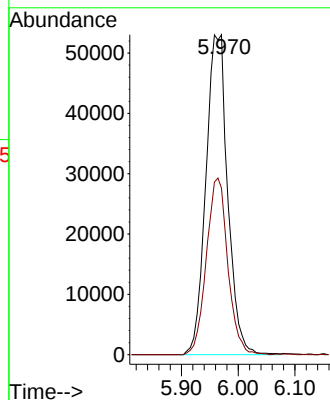
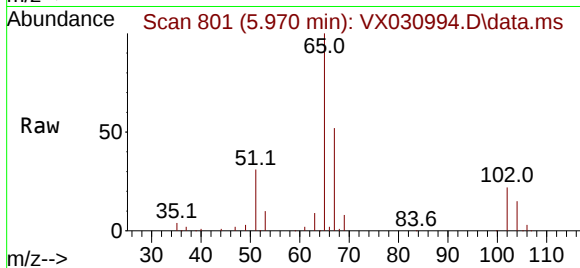
VX0831WBL02

Tgt Ion: 65 Resp: 141720

Ion Ratio Lower Upper

65 100

67 54.2 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: VX030994.D

Acq: 31 Aug 2022 22:36

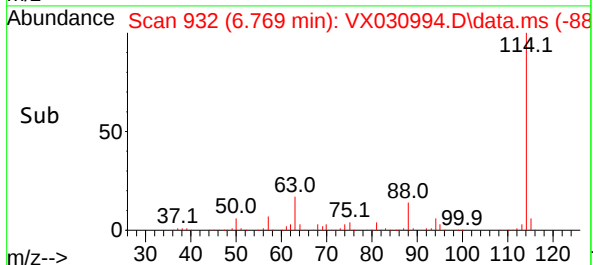
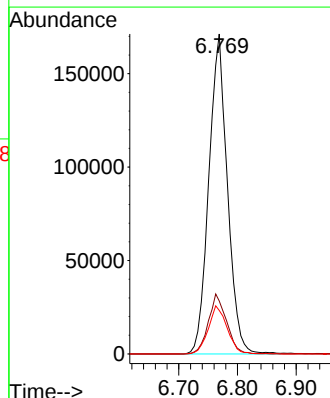
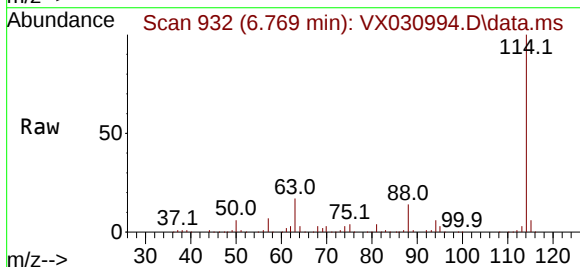
Tgt Ion: 114 Resp: 375963

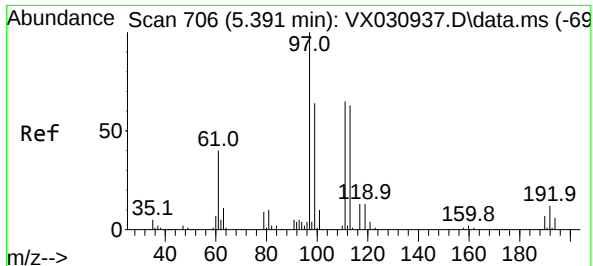
Ion Ratio Lower Upper

114 100

63 16.5 0.0 38.4

88 13.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.549 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030994.D

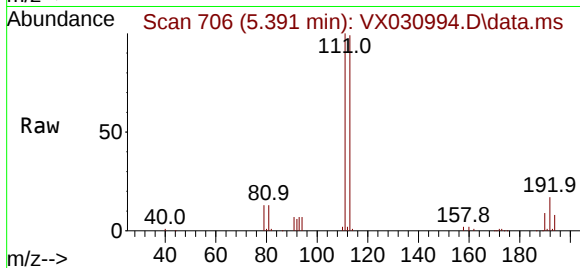
Acq: 31 Aug 2022 22:36

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBL02



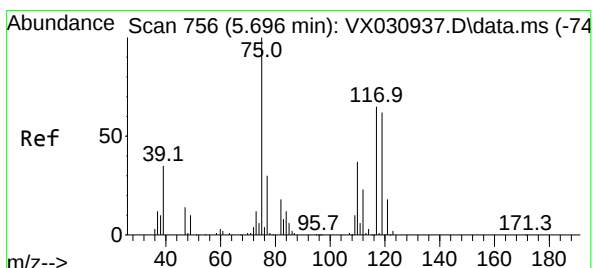
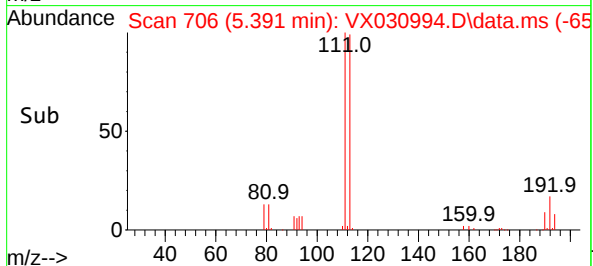
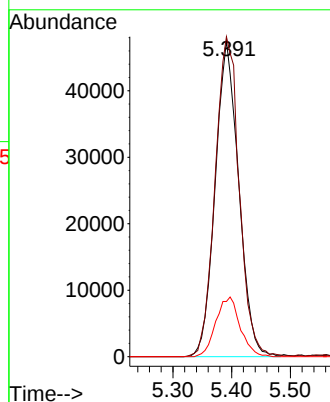
Tgt Ion:113 Resp: 131776

Ion Ratio Lower Upper

113 100

111 104.3 83.2 124.8

192 19.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.105 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX030994.D

Acq: 31 Aug 2022 22:36

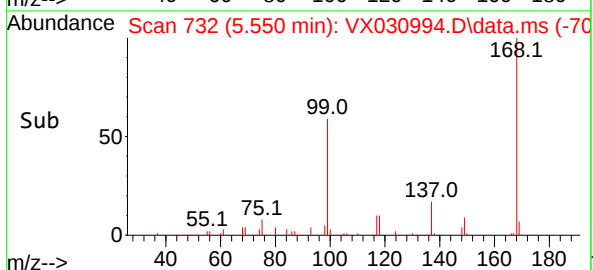
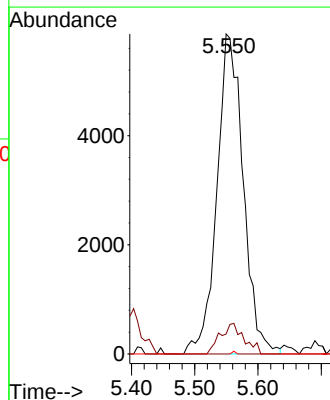
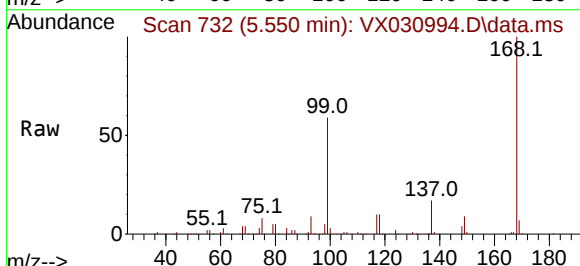
Tgt Ion: 75 Resp: 16910

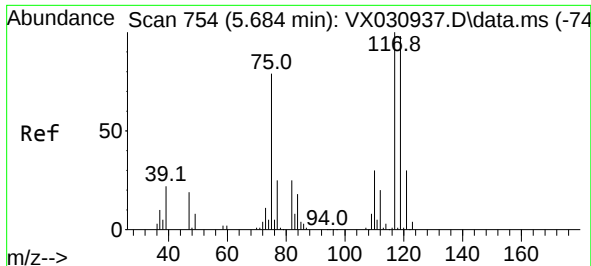
Ion Ratio Lower Upper

75 100

110 8.6 19.3 57.9#

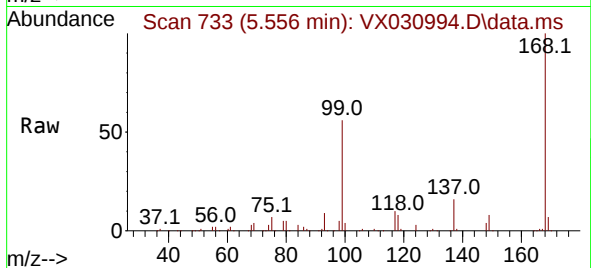
77 0.1 24.4 36.6#



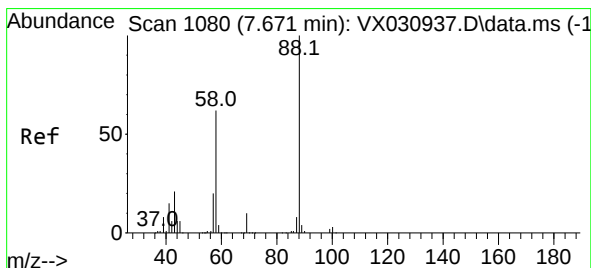
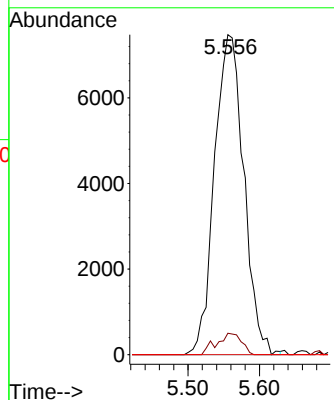
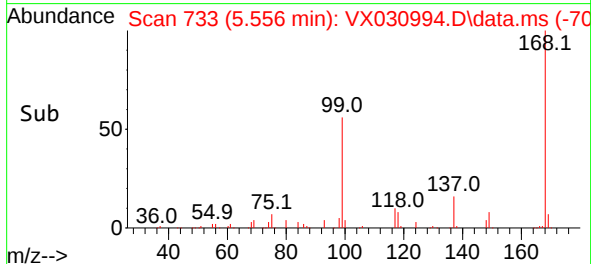


#38
Carbon Tetrachloride
Concen: 5.430 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL02

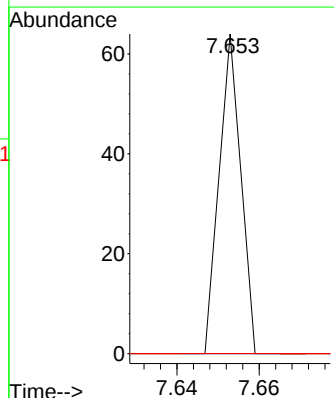
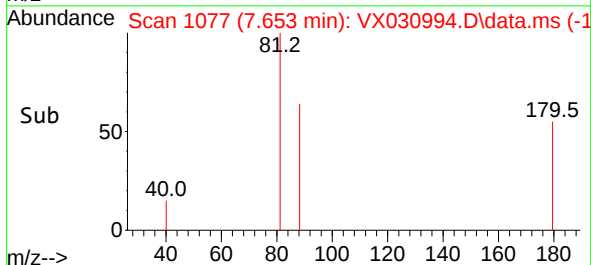
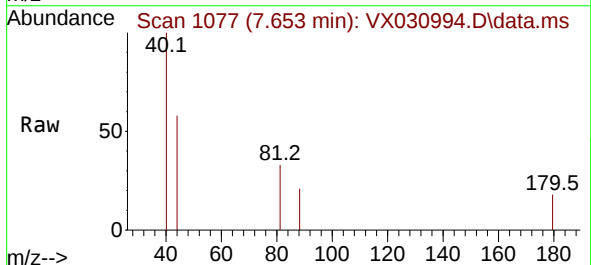


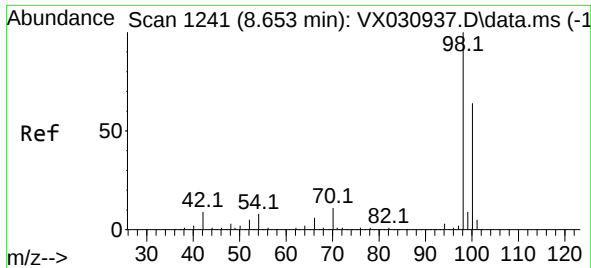
Tgt Ion:117 Resp: 21294
Ion Ratio Lower Upper
117 100
119 6.7 74.1 111.1#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 0.260 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.024 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

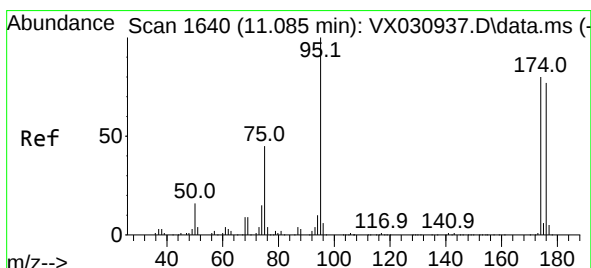
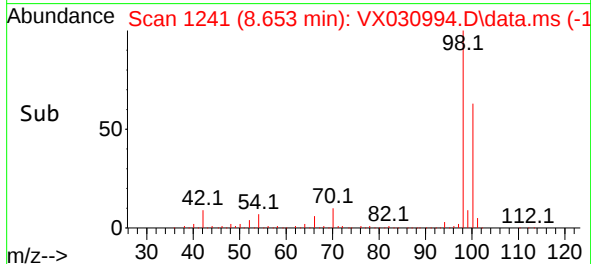
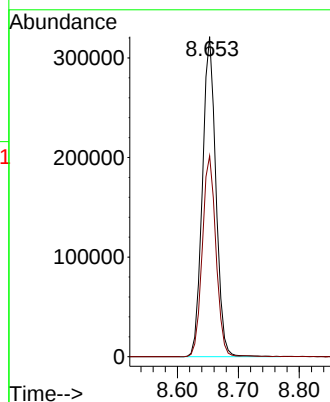
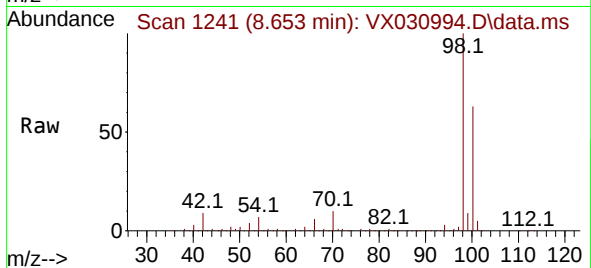




#50
Toluene-d8
Concen: 48.157 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

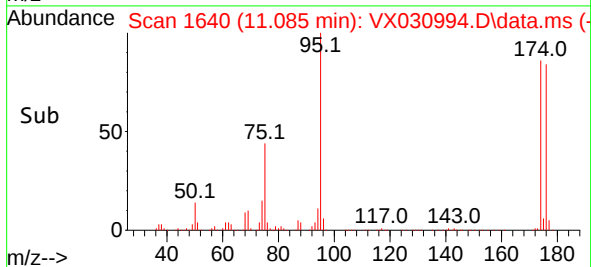
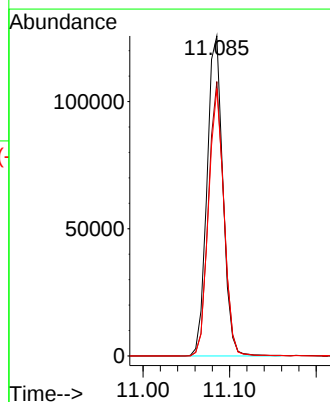
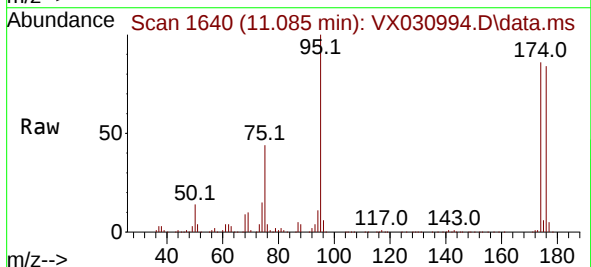
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL02

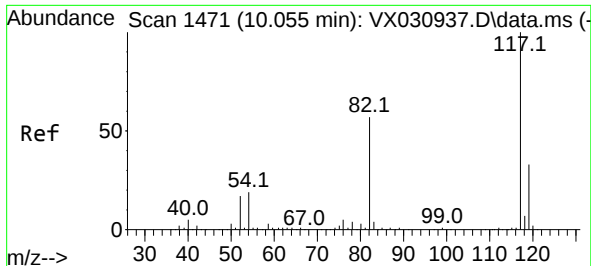
Tgt Ion: 98 Resp: 494257
Ion Ratio Lower Upper
98 100
100 63.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.874 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

Tgt Ion: 95 Resp: 160353
Ion Ratio Lower Upper
95 100
174 83.0 0.0 149.0
176 81.4 0.0 146.0

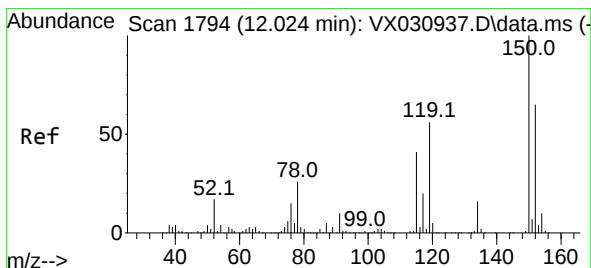
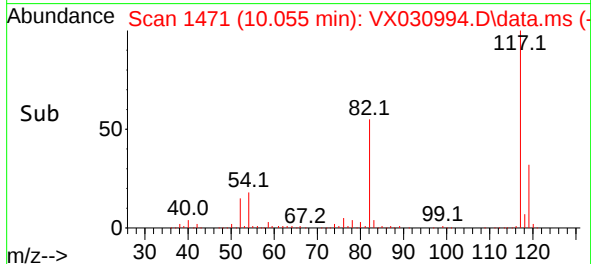
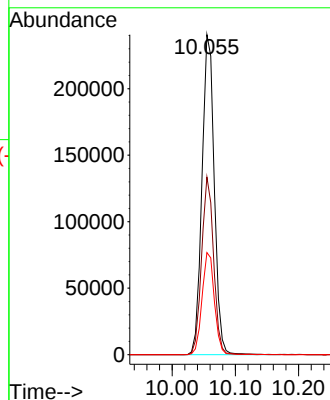
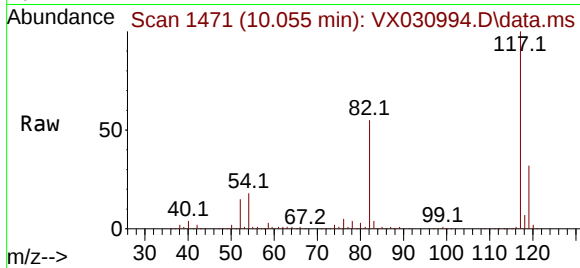




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

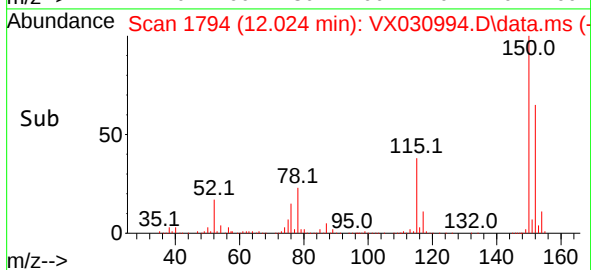
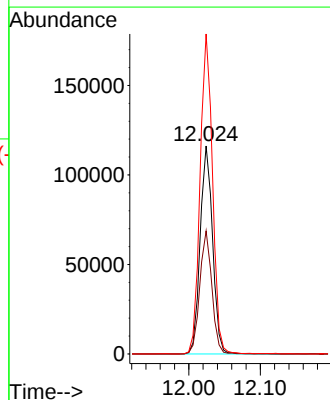
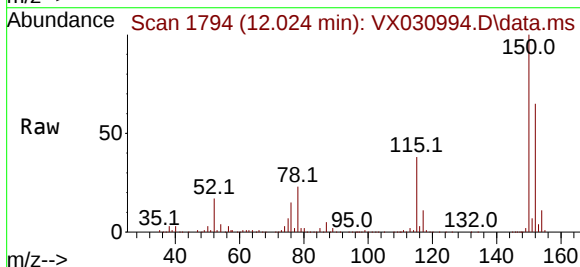
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL02

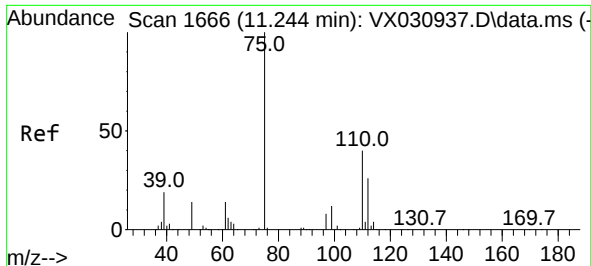
Tgt Ion:117 Resp: 326041
Ion Ratio Lower Upper
117 100
82 55.5 42.7 64.1
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

Tgt Ion:152 Resp: 140030
Ion Ratio Lower Upper
152 100
115 57.7 40.5 121.5
150 153.5 0.0 347.0

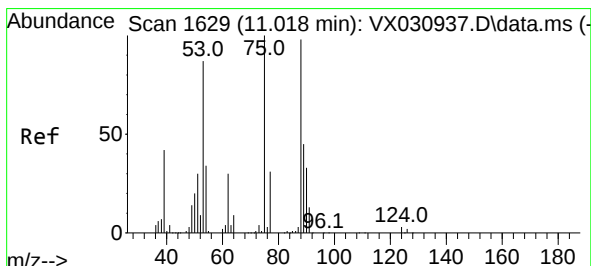
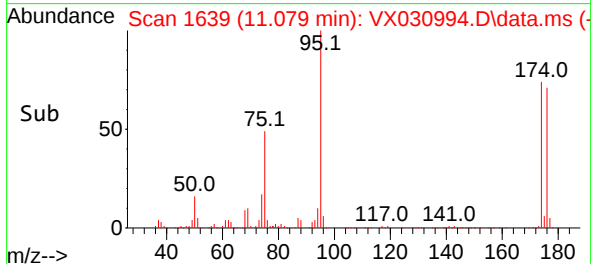
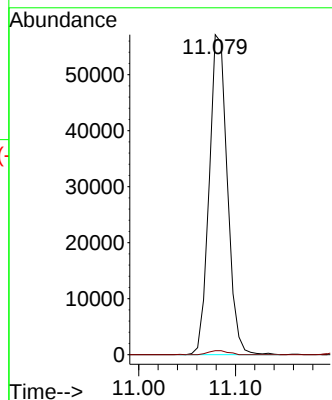
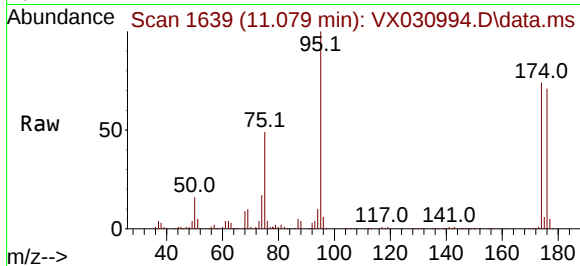




#76
1,2,3-Trichloropropane
Concen: 21.616 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL02

Tgt Ion: 75 Resp: 74519
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.268 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030994.D
Acq: 31 Aug 2022 22:36

Tgt Ion: 75 Resp: 74519
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

