

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030848.D
 Acq On : 27 Aug 2022 05:29
 Operator : JC/MD
 Sample : N4281-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20220818

Quant Time: Aug 27 06:30:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

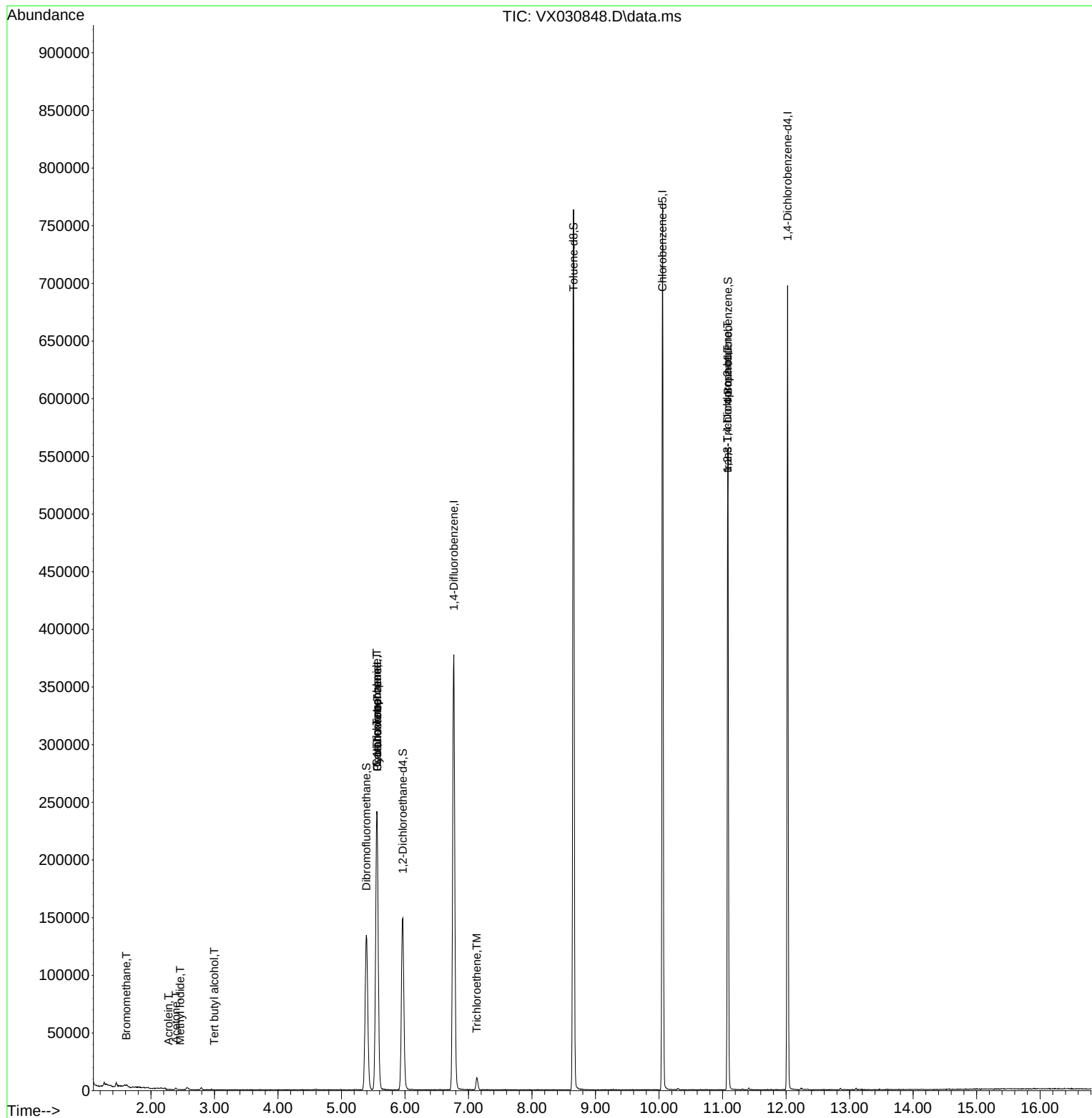
Internal Standards						
1) Pentafluorobenzene	5.562	168	227904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	388815	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147088	54.868	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.740%		
35) Dibromofluoromethane	5.391	113	120705	50.513	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.020%		
50) Toluene-d8	8.653	98	449901	54.030	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.060%		
62) 4-Bromofluorobenzene	11.085	95	146404	47.225	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.460%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	362	Below Cal	#	55
4) Vinyl Chloride	1.453	62	21	Below Cal	#	1
5) Bromomethane	1.611	94	356	0.335	ug/l	96
6) Chloroethane	1.691	64	184	Below Cal	#	41
10) Methyl Iodide	2.459	142	248	4.153	ug/l	# 45
11) Tert butyl alcohol	2.995	59	117	0.201	ug/l	# 74
13) Acrolein	2.276	56	19	10.088	ug/l	# 14
16) Acetone	2.392	43	1712	1.382	ug/l	# 81
17) Carbon Disulfide	2.508	76	210	Below Cal	#	74
20) Methylene Chloride	2.794	84	785	Below Cal	#	85
31) Cyclohexane	5.562	56	4688	1.368	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	16956	5.211	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	22907	6.674	ug/l	# 18
44) Trichloroethene	7.129	130	4306	1.531	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	73033	23.777	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	73033	76.714	ug/l	# 12

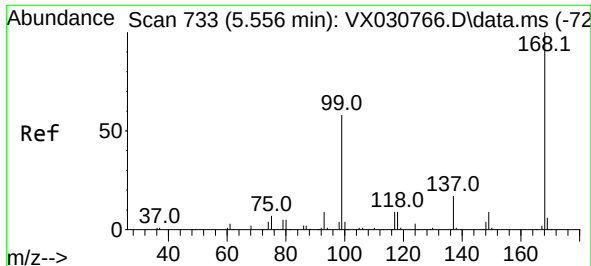
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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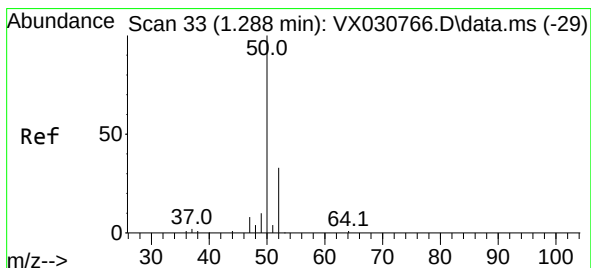
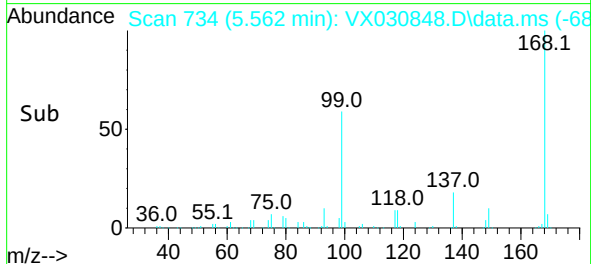
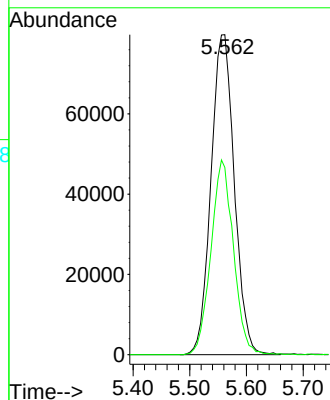
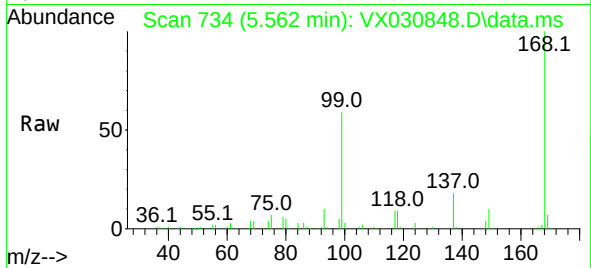




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030848.D
Acq: 27 Aug 2022 05:29

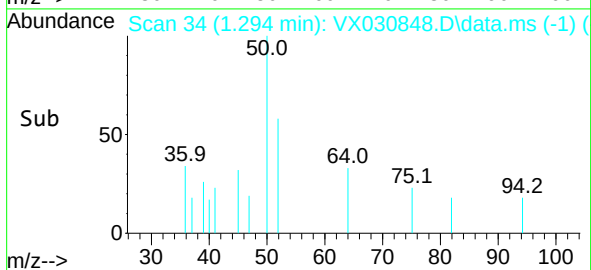
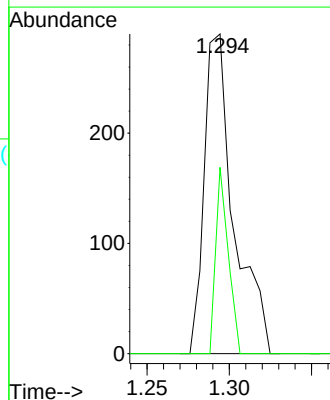
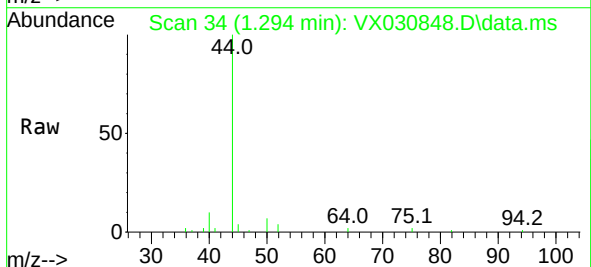
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20220818

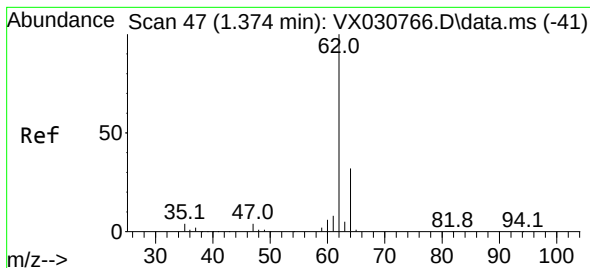
Tgt Ion:168 Resp: 227904
Ion Ratio Lower Upper
168 100
99 58.5 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030848.D
Acq: 27 Aug 2022 05:29

Tgt Ion: 50 Resp: 362
Ion Ratio Lower Upper
50 100
52 58.3 26.3 39.5#





#4

Vinyl Chloride

Concen: Below Cal

RT: 1.453 min Scan# 60

Delta R.T. 0.079 min

Lab File: VX030848.D

Acq: 27 Aug 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

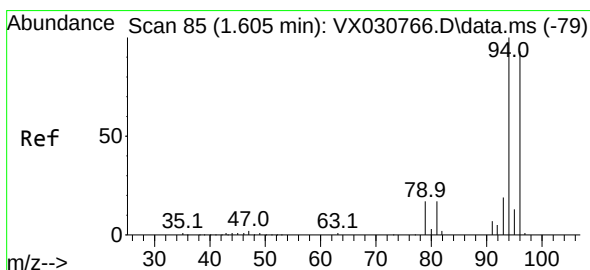
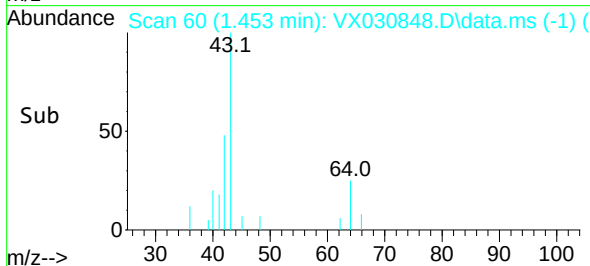
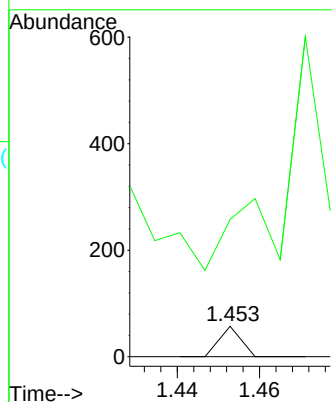
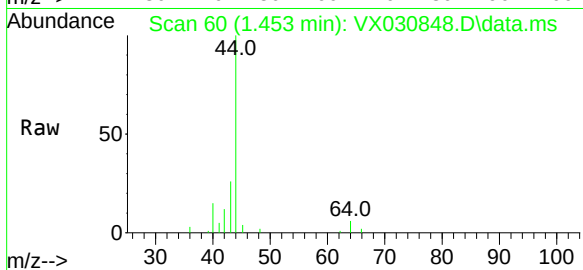
RE122D3-20220818

Tgt Ion: 62 Resp: 21

Ion Ratio Lower Upper

62 100

64 133.3 25.2 37.8#



#5

Bromomethane

Concen: 0.335 ug/l

RT: 1.611 min Scan# 86

Delta R.T. 0.006 min

Lab File: VX030848.D

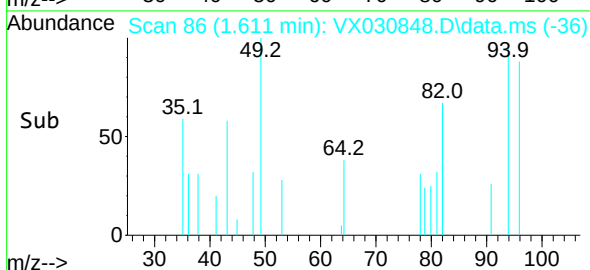
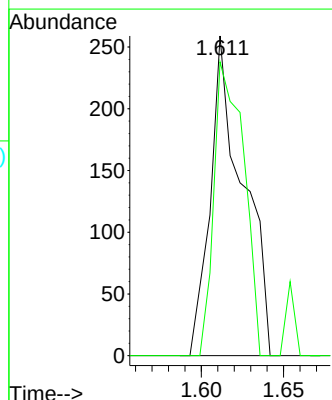
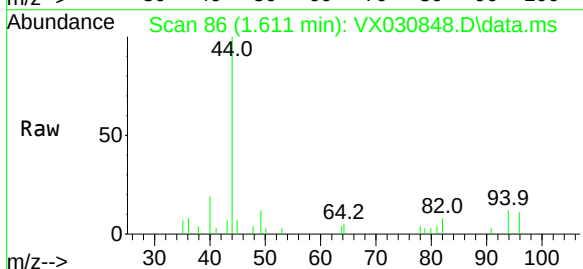
Acq: 27 Aug 2022 05:29

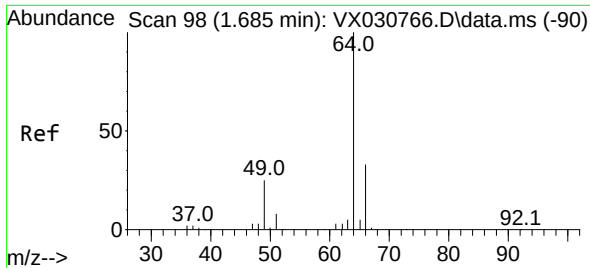
Tgt Ion: 94 Resp: 356

Ion Ratio Lower Upper

94 100

96 91.9 76.9 115.3

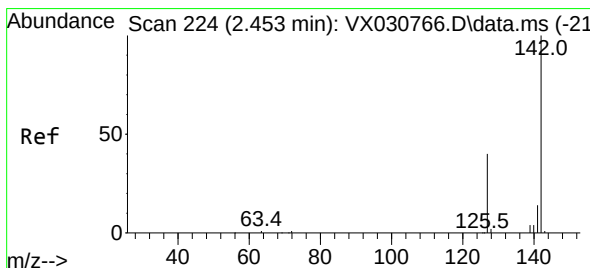
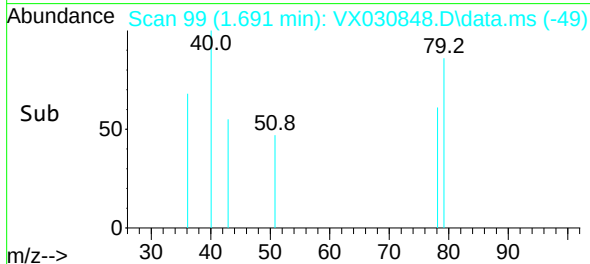
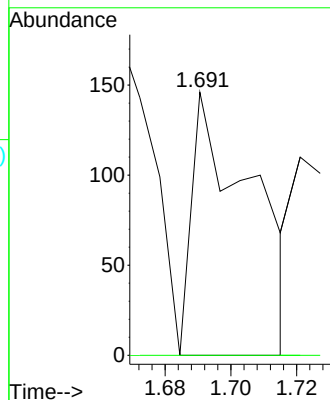
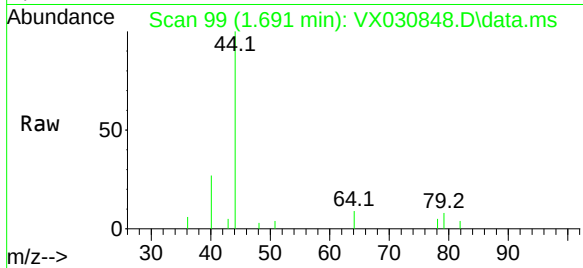




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030848.D
Acq: 27 Aug 2022 05:29

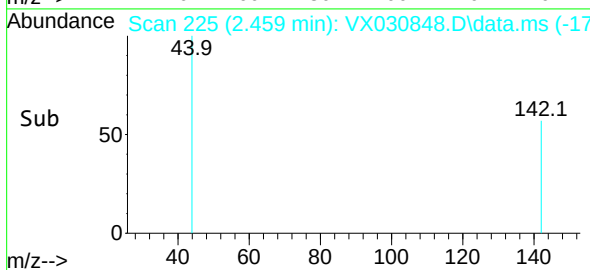
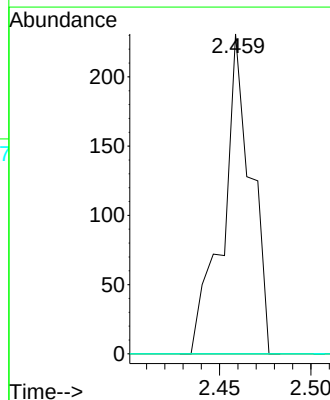
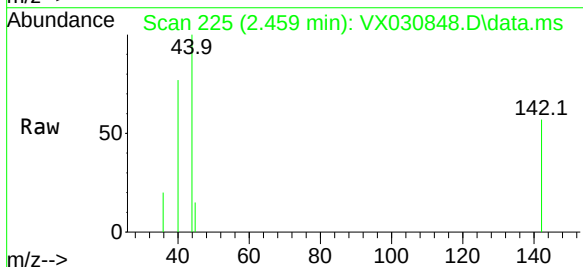
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20220818

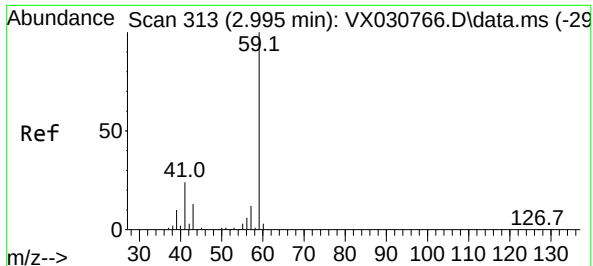
Tgt Ion: 64 Resp: 184
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.153 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030848.D
Acq: 27 Aug 2022 05:29

Tgt Ion:142 Resp: 248
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.201 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX030848.D

Acq: 27 Aug 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

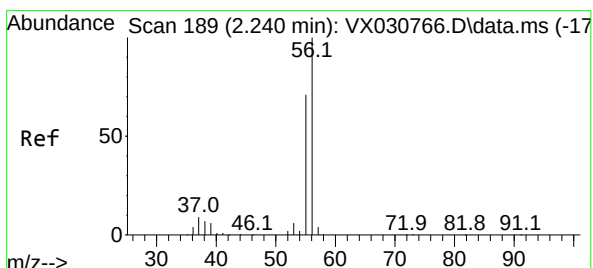
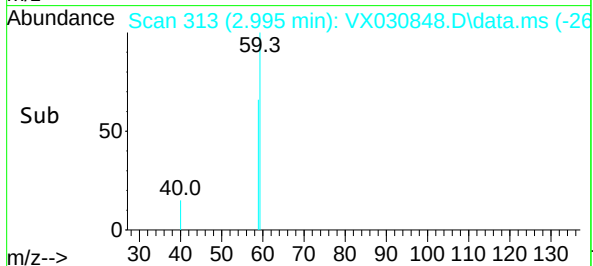
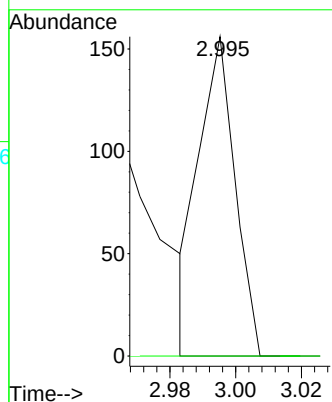
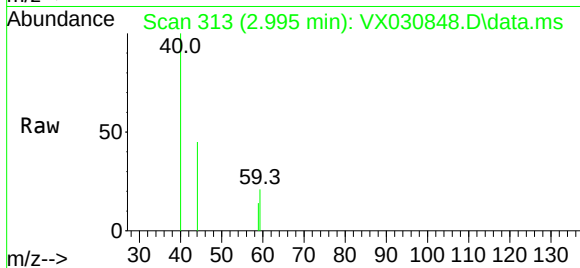
RE122D3-20220818

Tgt Ion: 59 Resp: 117

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 10.088 ug/l

RT: 2.276 min Scan# 195

Delta R.T. 0.036 min

Lab File: VX030848.D

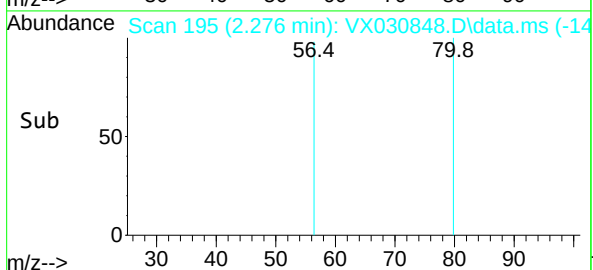
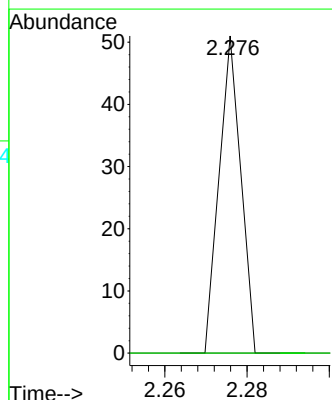
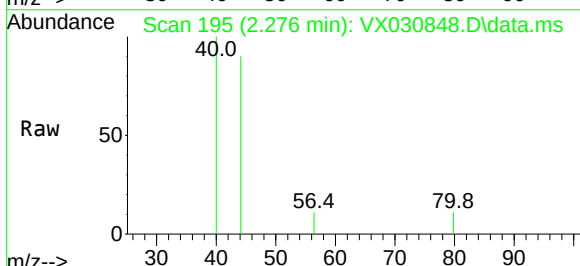
Acq: 27 Aug 2022 05:29

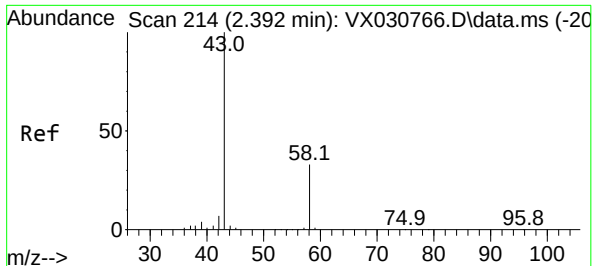
Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

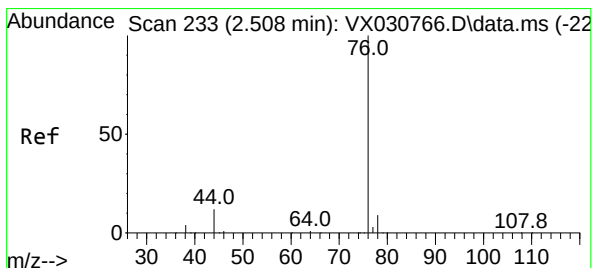
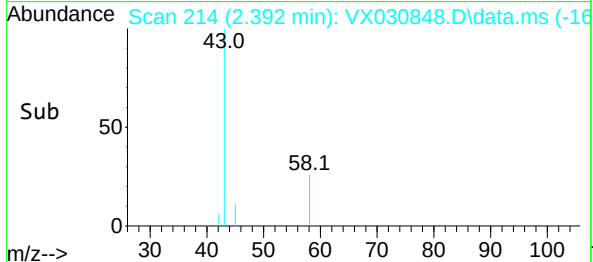
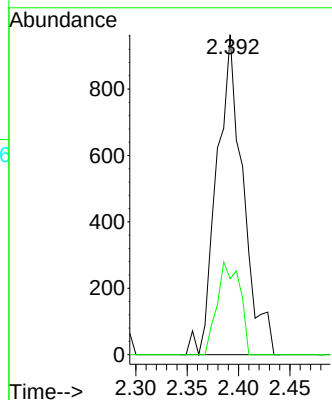
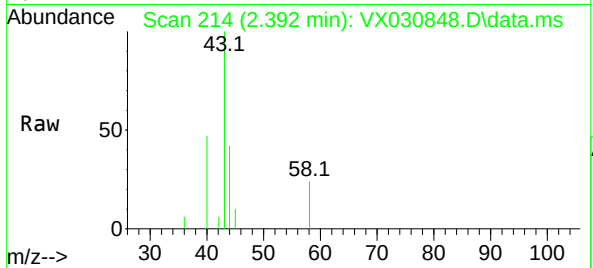




#16
Acetone
Concen: 1.382 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030848.D
Acq: 27 Aug 2022 05:29

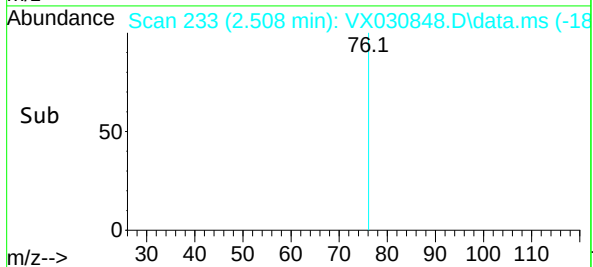
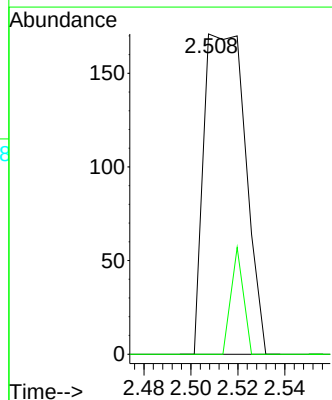
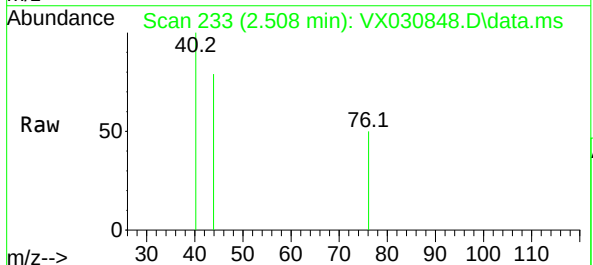
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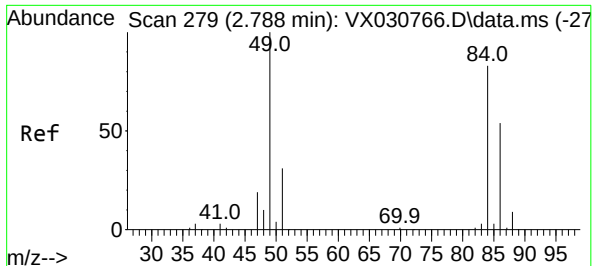
Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
58 23.8 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX030848.D
Acq: 27 Aug 2022 05:29

Tgt Ion: 76 Resp: 210
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030848.D

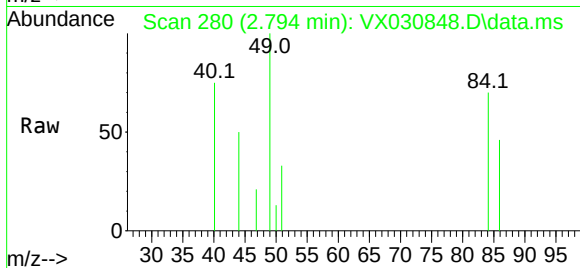
Acq: 27 Aug 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20220818



Tgt Ion: 84 Resp: 785

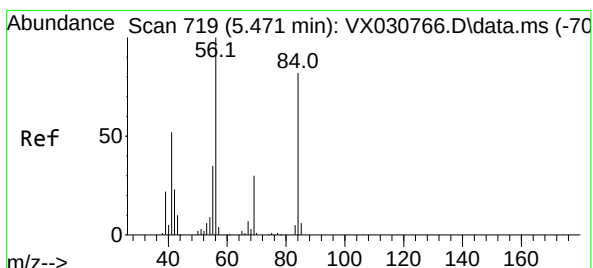
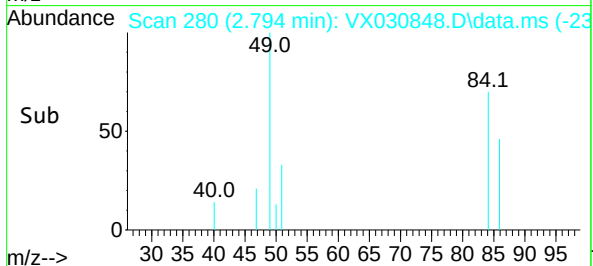
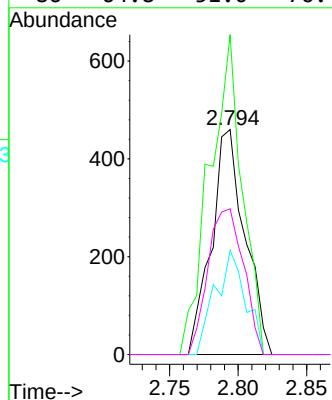
Ion Ratio Lower Upper

84 100

49 142.2 93.8 140.6#

51 46.3 29.4 44.0#

86 64.8 51.0 76.4



#31

Cyclohexane

Concen: 1.368 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX030848.D

Acq: 27 Aug 2022 05:29

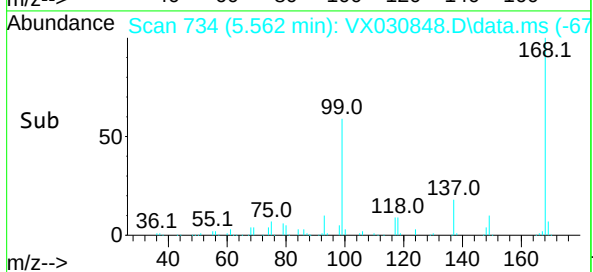
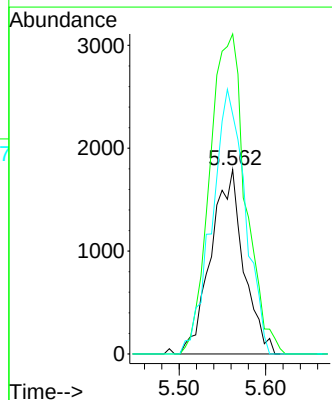
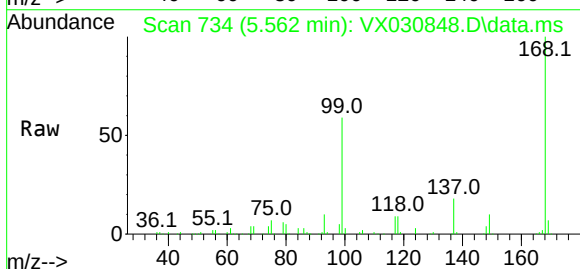
Tgt Ion: 56 Resp: 4688

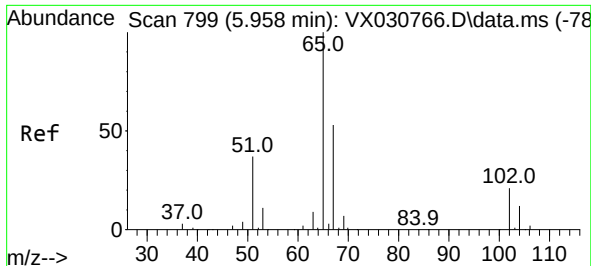
Ion Ratio Lower Upper

56 100

69 173.6 25.4 38.0#

84 130.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.868 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030848.D

Acq: 27 Aug 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

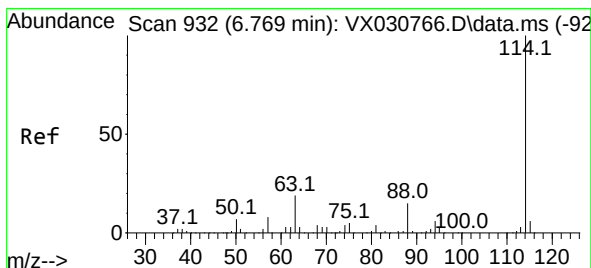
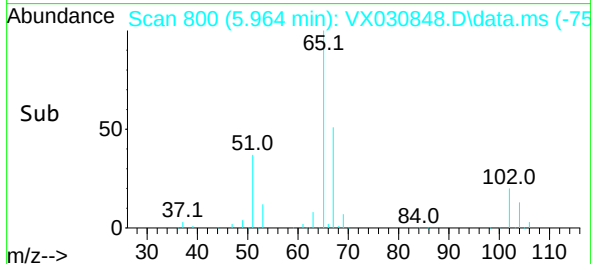
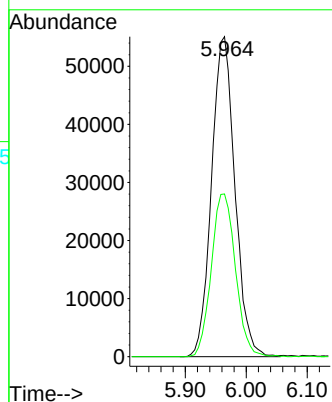
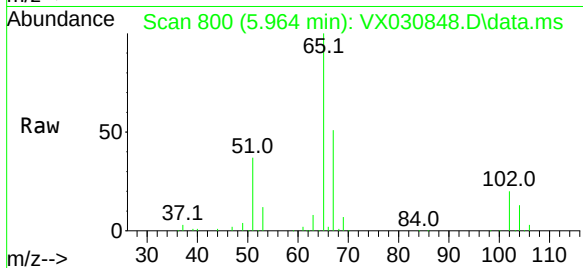
RE122D3-20220818

Tgt Ion: 65 Resp: 147088

Ion Ratio Lower Upper

65 100

67 52.5 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: VX030848.D

Acq: 27 Aug 2022 05:29

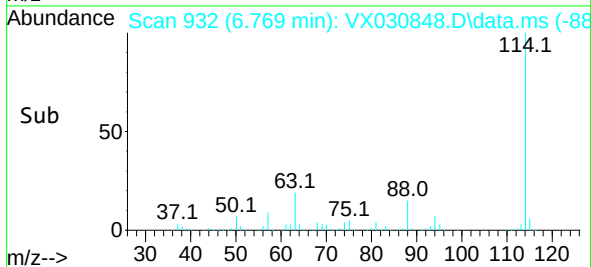
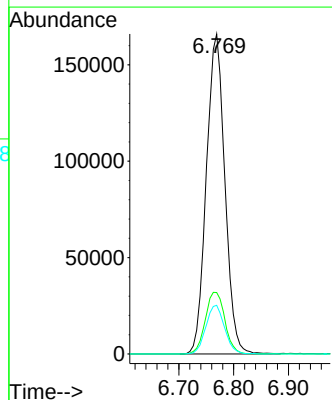
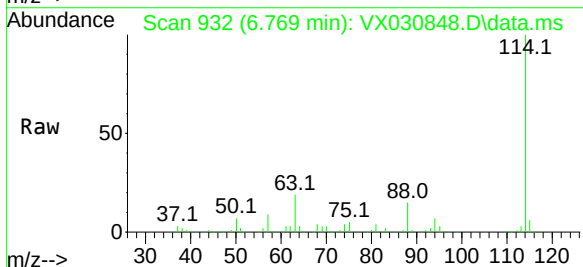
Tgt Ion: 114 Resp: 388815

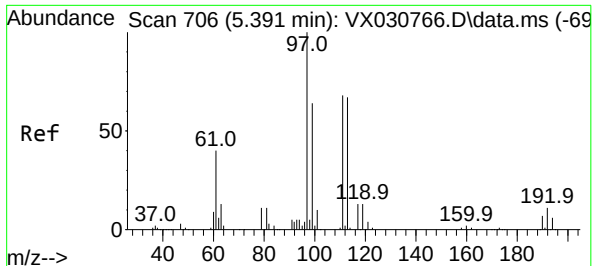
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.513 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030848.D

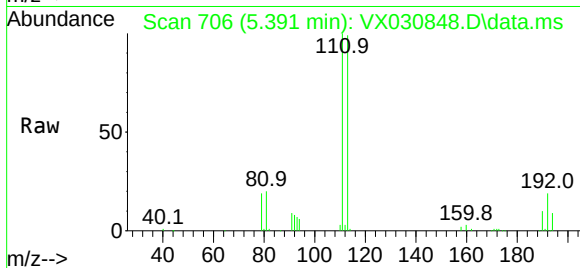
Acq: 27 Aug 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20220818



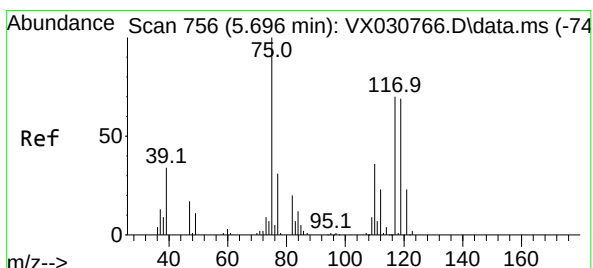
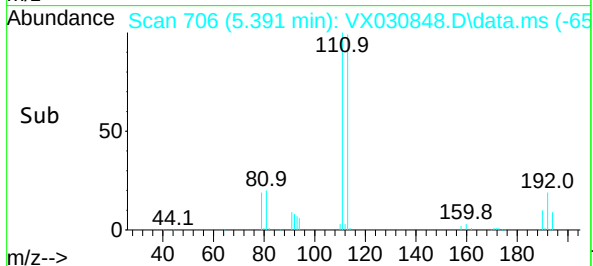
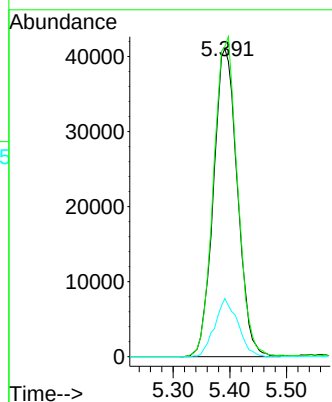
Tgt Ion:113 Resp: 120705

Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.211 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030848.D

Acq: 27 Aug 2022 05:29

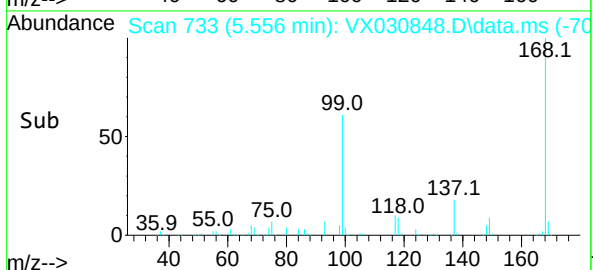
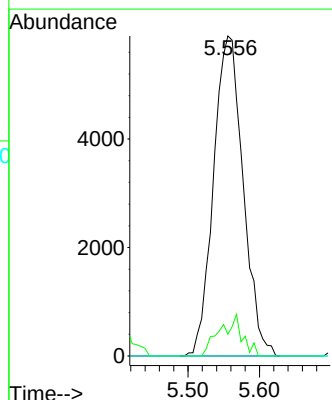
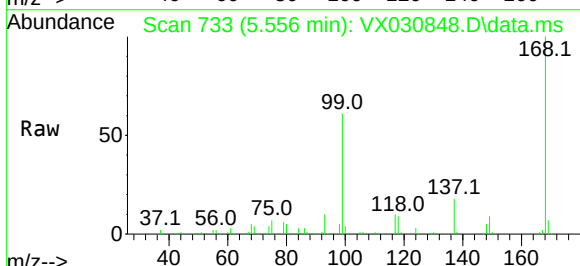
Tgt Ion: 75 Resp: 16956

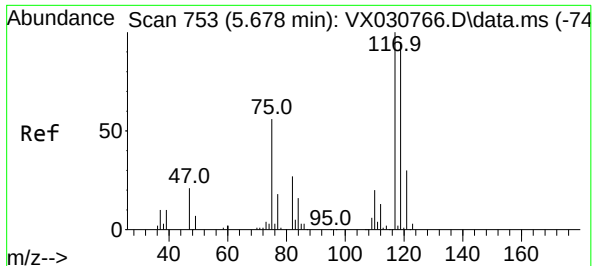
Ion Ratio Lower Upper

75 100

110 9.8 19.3 57.9#

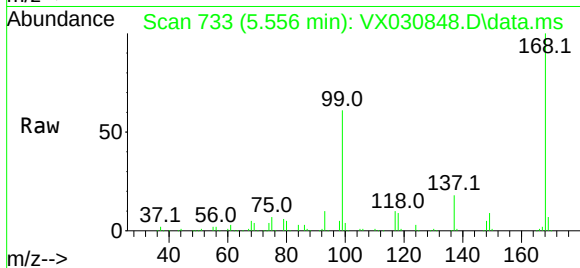
77 0.0 24.4 36.6#



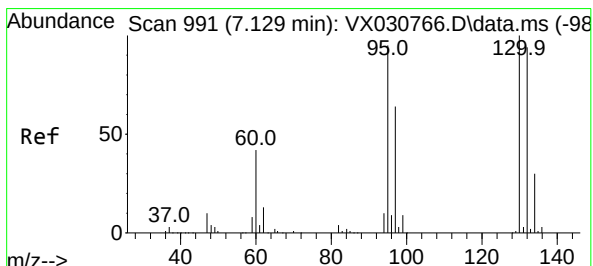
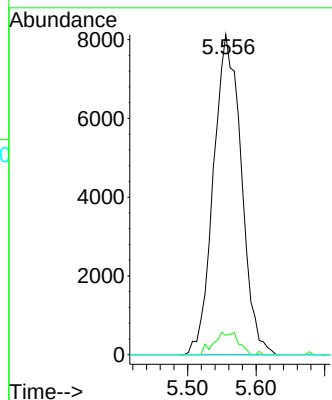
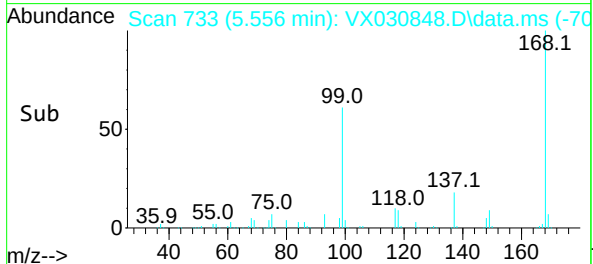


#38
Carbon Tetrachloride
Concen: 6.674 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX030848.D
Acq: 27 Aug 2022 05:29

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20220818

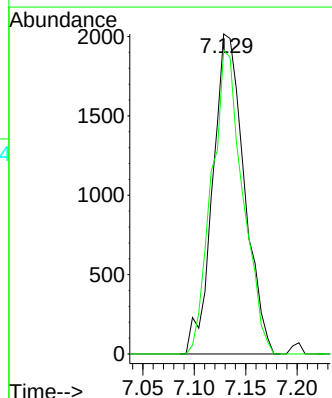
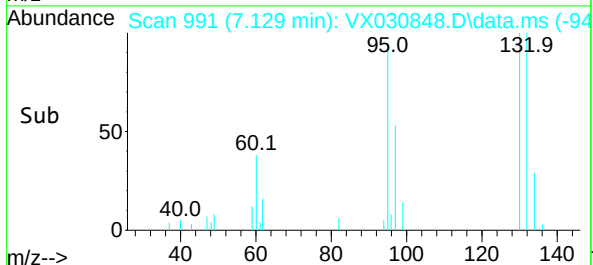
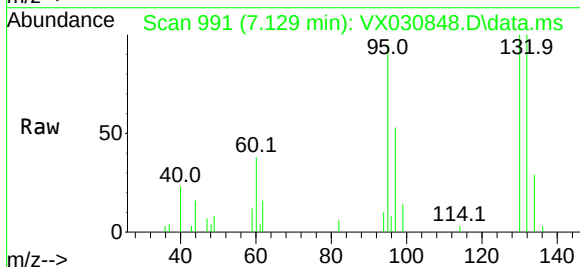


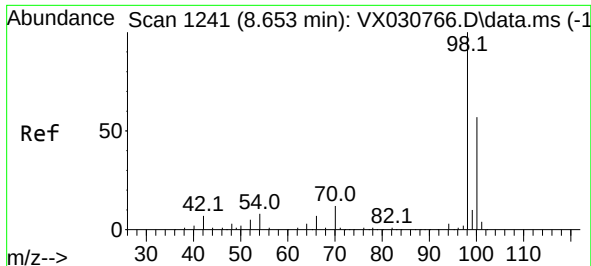
Tgt Ion:117 Resp: 22907
Ion Ratio Lower Upper
117 100
119 6.1 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 1.531 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030848.D
Acq: 27 Aug 2022 05:29

Tgt Ion:130 Resp: 4306
Ion Ratio Lower Upper
130 100
95 94.9 0.0 194.8

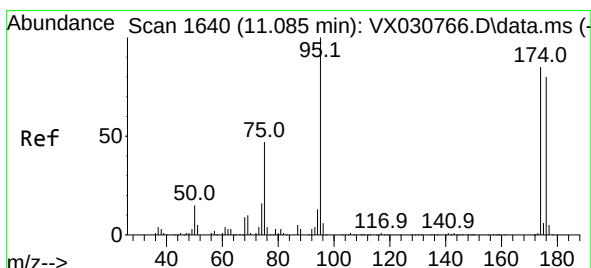
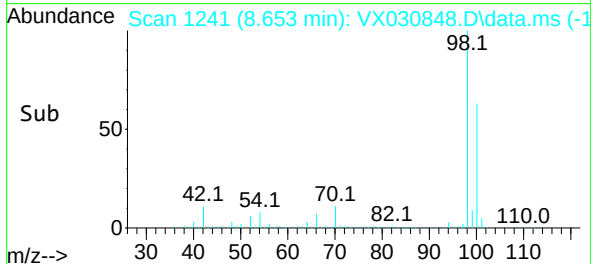
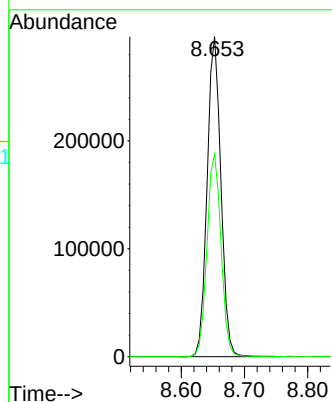
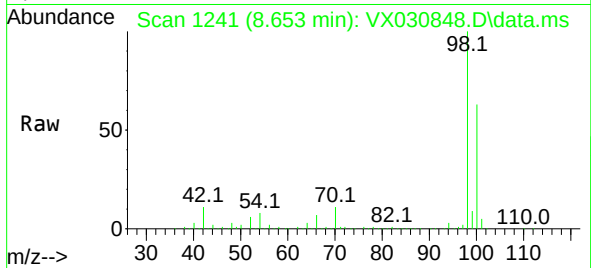




#50
Toluene-d8
Concen: 54.030 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030848.D
Acq: 27 Aug 2022 05:29

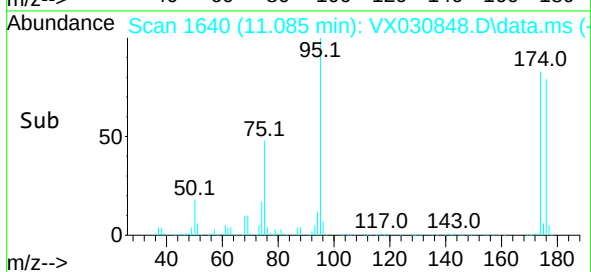
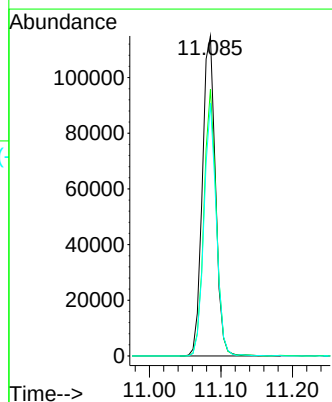
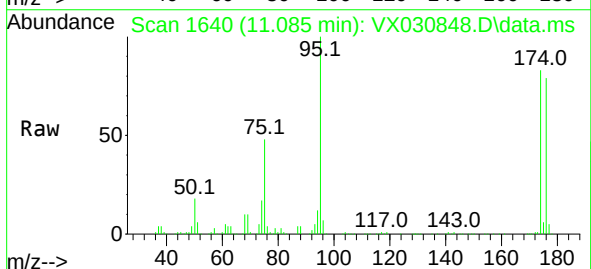
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20220818

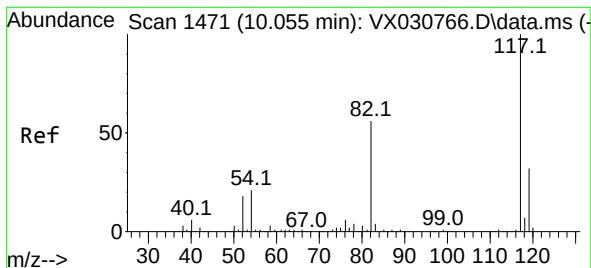
Tgt Ion: 98 Resp: 449901
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.225 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030848.D
Acq: 27 Aug 2022 05:29

Tgt Ion: 95 Resp: 146404
Ion Ratio Lower Upper
95 100
174 78.4 0.0 149.0
176 74.3 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: VX030848.D

Acq: 27 Aug 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20220818

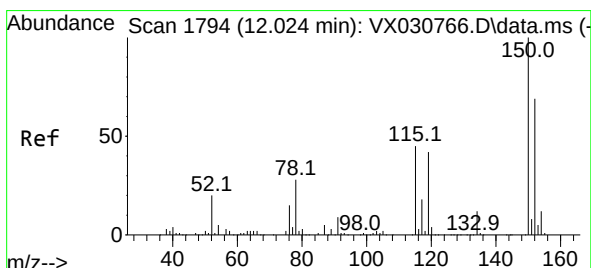
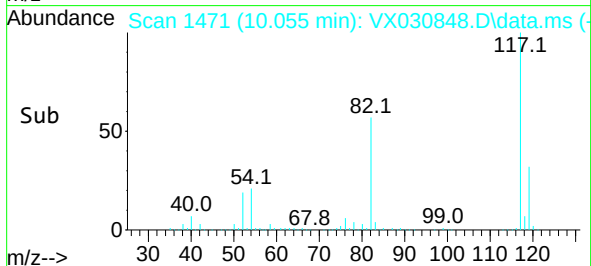
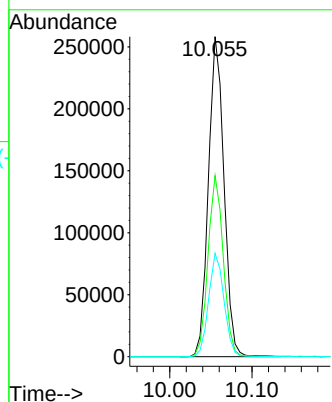
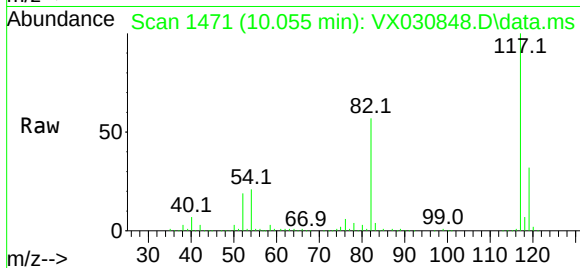
Tgt Ion:117 Resp: 339847

Ion Ratio Lower Upper

117 100

82 56.6 42.7 64.1

119 32.3 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: VX030848.D

Acq: 27 Aug 2022 05:29

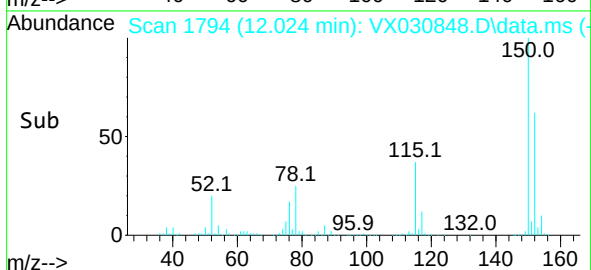
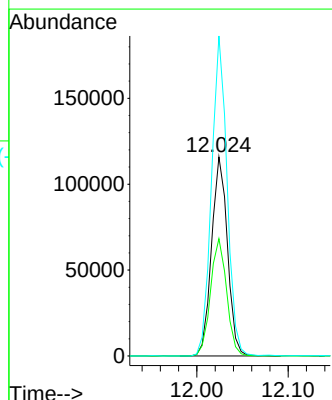
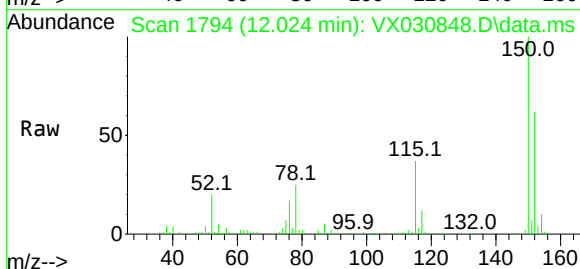
Tgt Ion:152 Resp: 140200

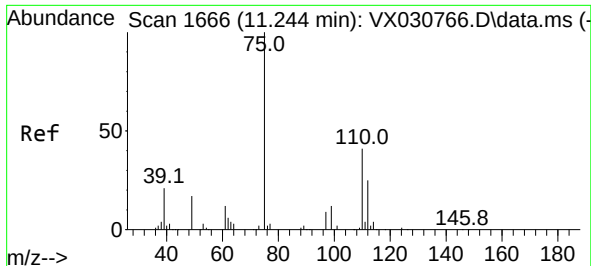
Ion Ratio Lower Upper

152 100

115 59.7 40.5 121.5

150 157.2 0.0 347.0

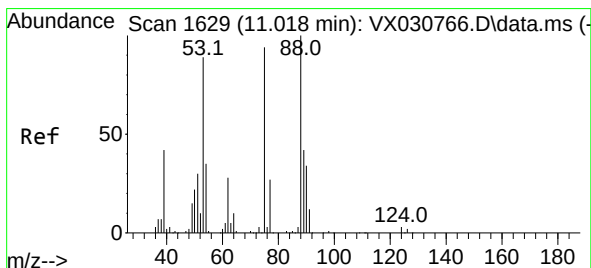
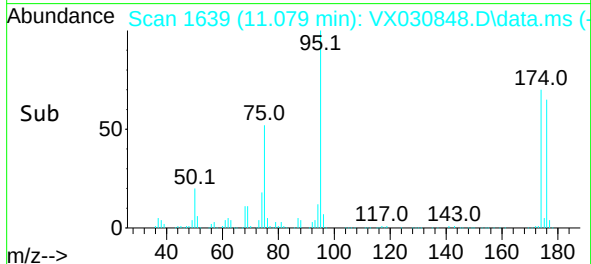
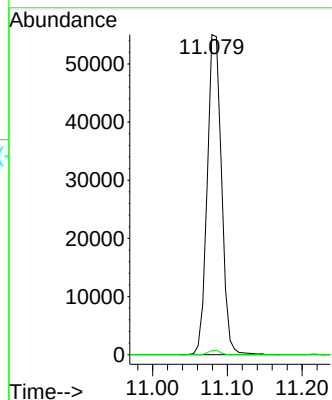
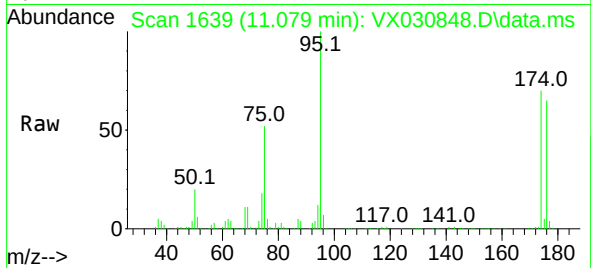




#76
1,2,3-Trichloropropane
Concen: 23.777 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030848.D
Acq: 27 Aug 2022 05:29

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20220818

Tgt Ion: 75 Resp: 73033
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.714 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030848.D
Acq: 27 Aug 2022 05:29

Tgt Ion: 75 Resp: 73033
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

