

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028771.D
 Acq On : 17 May 2022 20:23
 Operator : JC/MD
 Sample : N2884-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31571

Quant Time: May 18 04:55:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

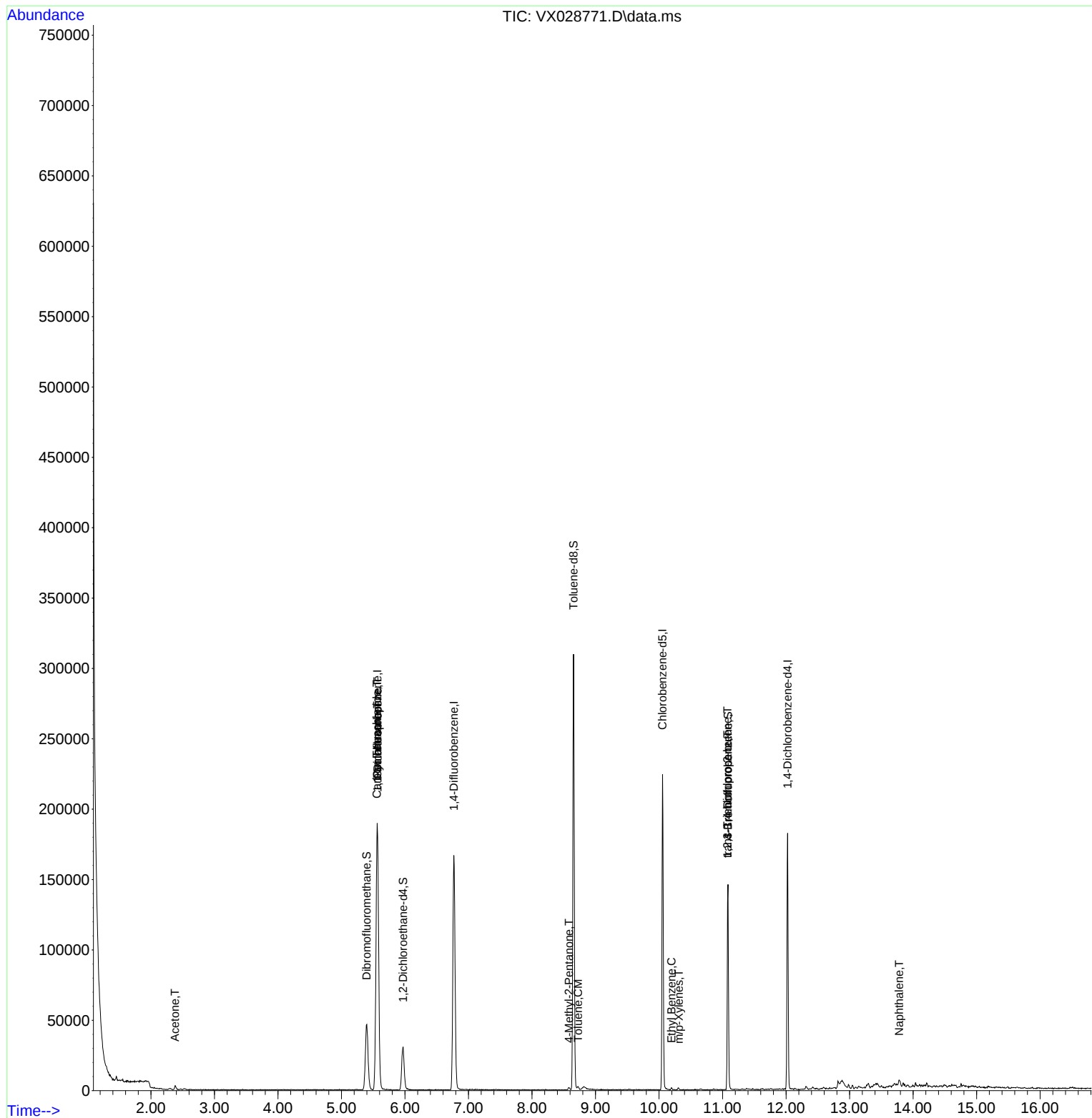
Internal Standards						
1) Pentafluorobenzene	5.562	168	176022	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	173338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	30848	12.785	ug/l	0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	=	25.560%#
35) Dibromofluoromethane	5.397	113	40837	35.958	ug/l	0.01
Spiked Amount	50.000	Range	69 - 133	Recovery	=	71.920%
50) Toluene-d8	8.653	98	181030	42.280	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	84.560%
62) 4-Bromofluorobenzene	11.085	95	40045	25.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	50.080%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	331	Below Cal	#	75
6) Chloroethane	1.666	64	529	Below Cal	#	43
16) Acetone	2.380	43	3237	3.126	ug/l	91
31) Cyclohexane	5.562	56	3906	1.166	ug/l	# 44
36) 1,1-Dichloropropene	5.568	75	14111	8.272	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	19153	11.157	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.580	43	1229	0.669	ug/l	# 84
52) Toluene	8.726	92	787	0.250	ug/l	86
67) Ethyl Benzene	10.195	91	987	0.262	ug/l	# 88
68) m/p-Xylenes	10.311	106	372	0.254	ug/l	74
76) 1,2,3-Trichloropropane	11.079	75	20729	23.974	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	20729	69.855	ug/l	# 15
95) Naphthalene	13.780	128	4246	1.618	ug/l	97

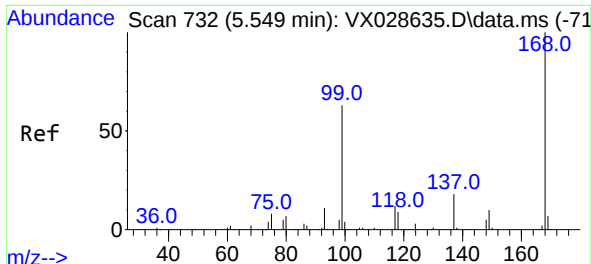
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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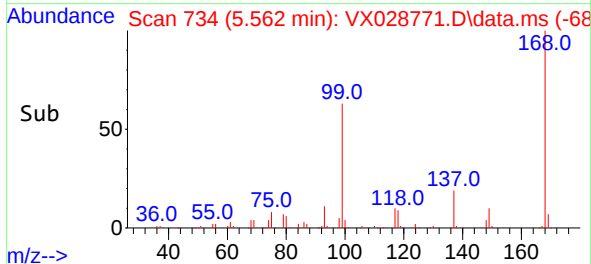
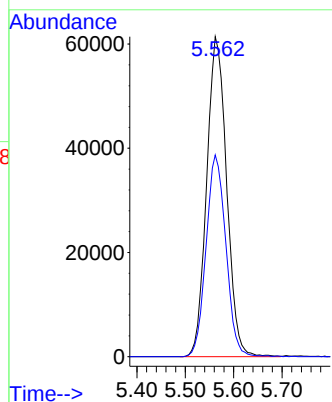
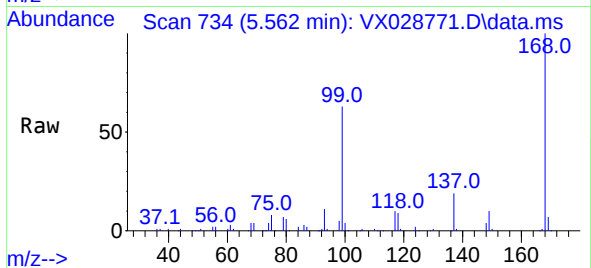




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.013 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

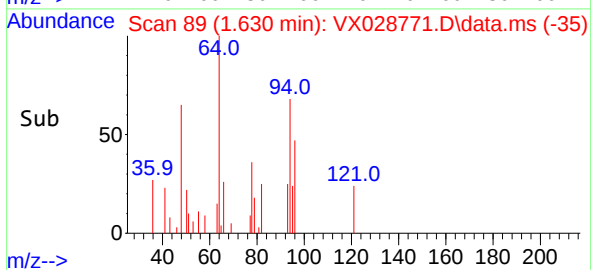
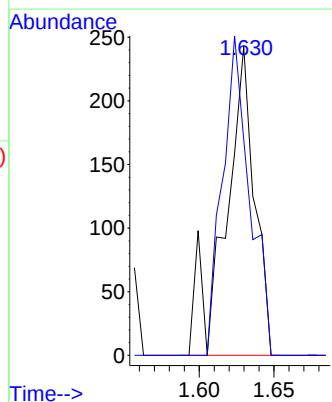
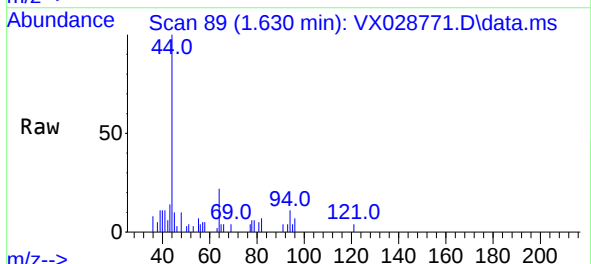
Instrument :
MSVOA_X
ClientSampleId :
31571

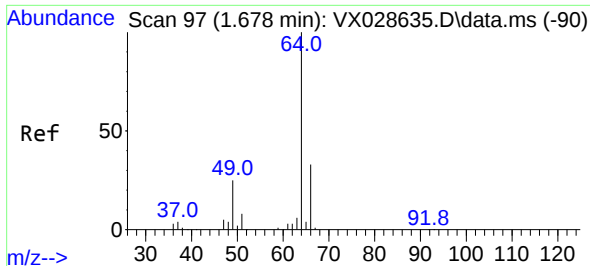
Tgt Ion:168 Resp: 176022
Ion Ratio Lower Upper
168 100
99 63.0 41.7 62.5#



#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

Tgt Ion: 94 Resp: 331
Ion Ratio Lower Upper
94 100
96 70.0 75.3 112.9#

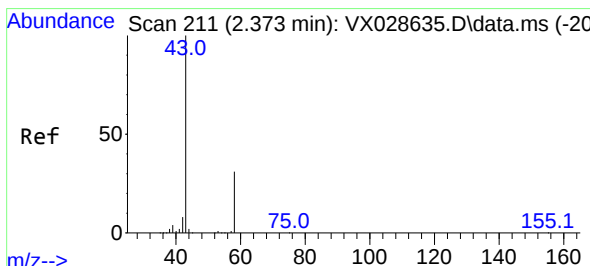
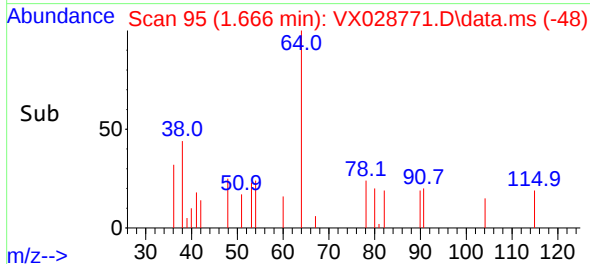
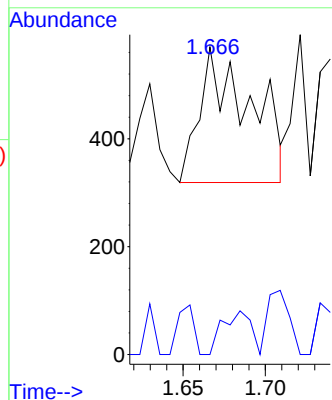
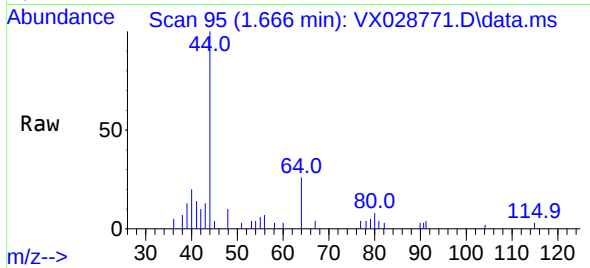




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

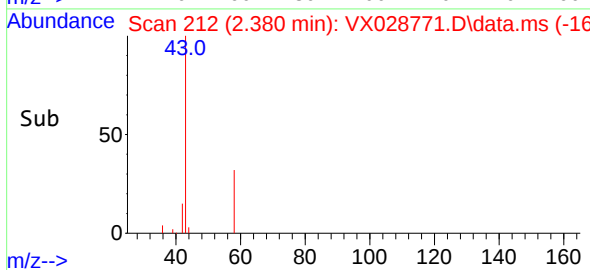
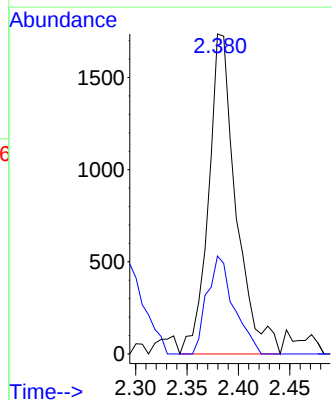
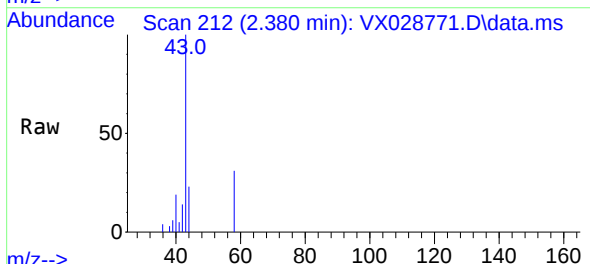
Instrument :
MSVOA_X
ClientSampleId :
31571

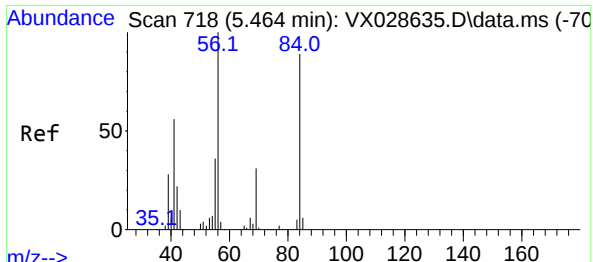
Tgt Ion: 64 Resp: 529
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#16
Acetone
Concen: 3.126 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

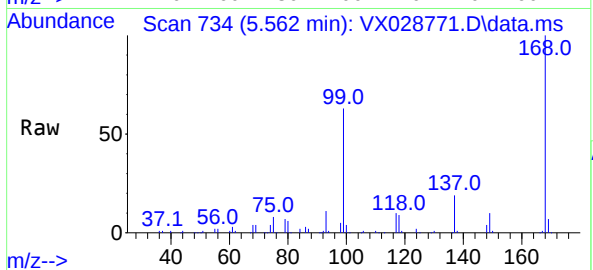
Tgt Ion: 43 Resp: 3237
Ion Ratio Lower Upper
43 100
58 30.6 28.8 43.2



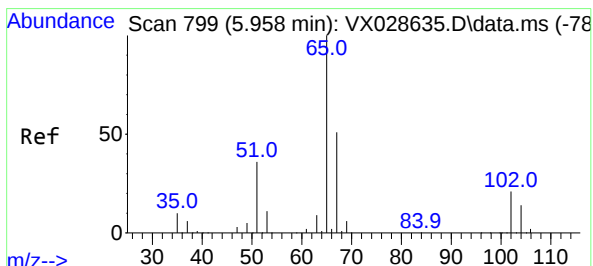
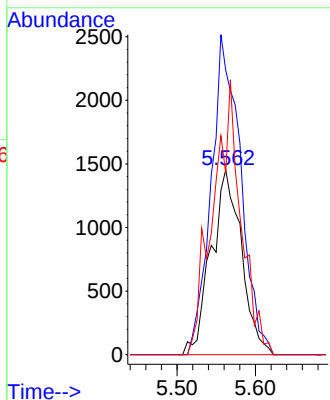
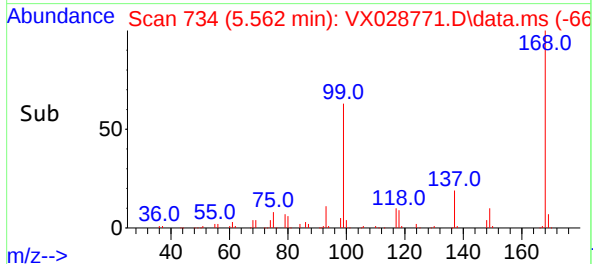


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.098 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

Instrument :
MSVOA_X
ClientSampleId :
31571

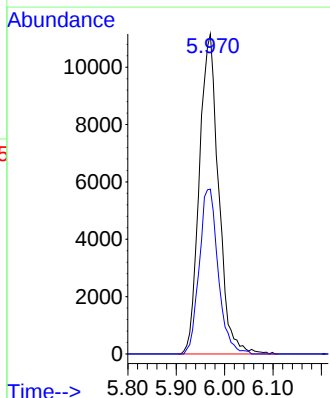
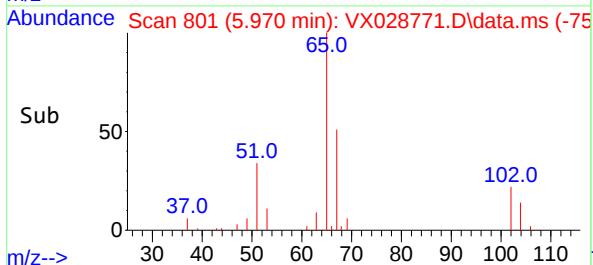
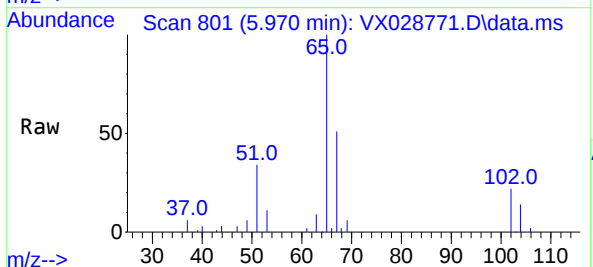


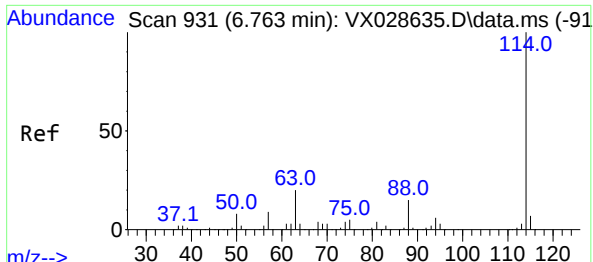
Tgt Ion: 56 Resp: 3906
Ion Ratio Lower Upper
56 100
69 153.7 26.7 40.1#
84 98.1 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 12.785 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.012 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

Tgt Ion: 65 Resp: 30848
Ion Ratio Lower Upper
65 100
67 50.5 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX028771.D

Acq: 17 May 2022 20:23

Instrument :

MSVOA_X

ClientSampleId :

31571

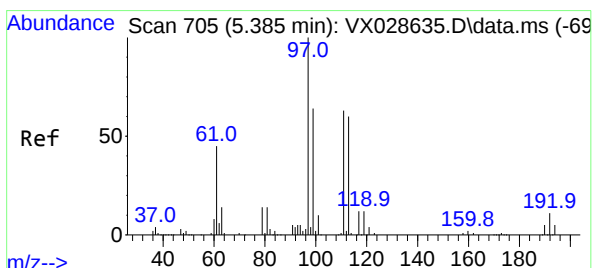
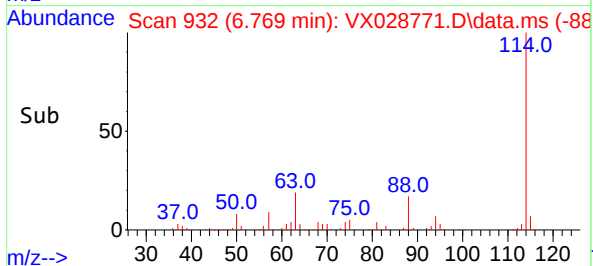
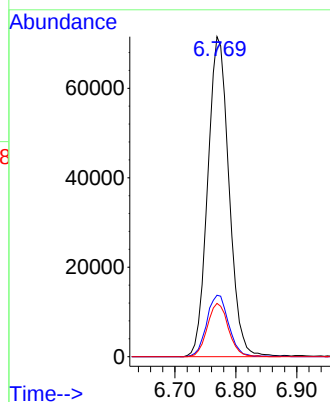
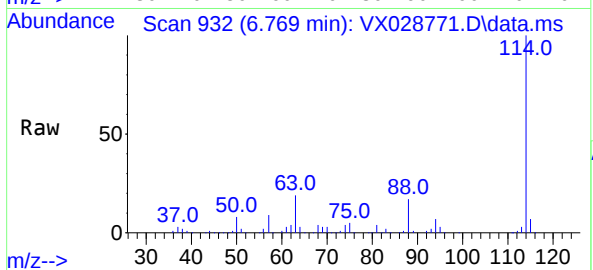
Tgt Ion:114 Resp: 173338

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 16.6 0.0 32.4



#35

Dibromofluoromethane

Concen: 35.958 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.012 min

Lab File: VX028771.D

Acq: 17 May 2022 20:23

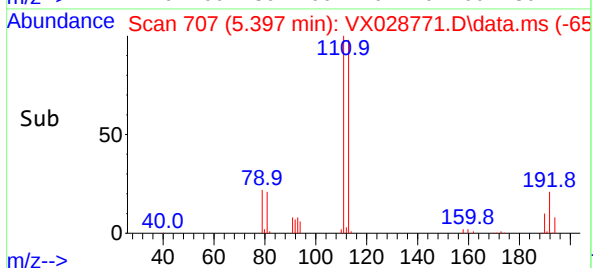
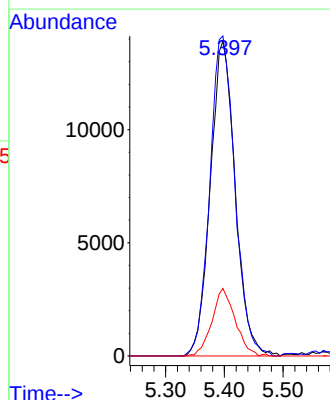
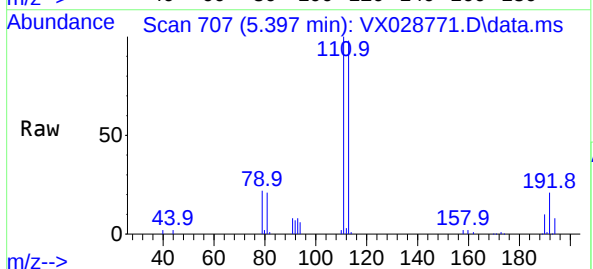
Tgt Ion:113 Resp: 40837

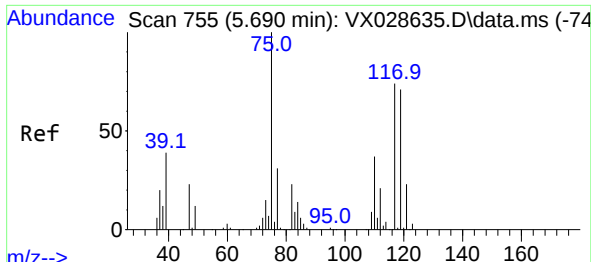
Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 20.1 16.9 25.3

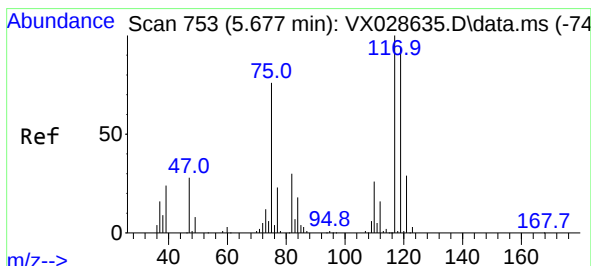
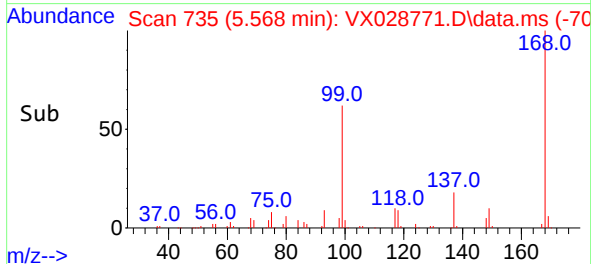
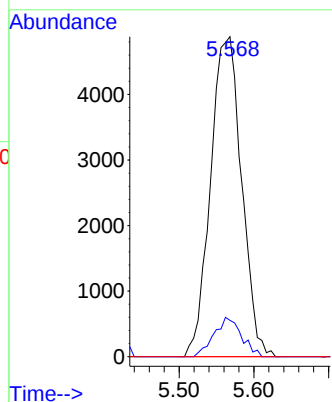
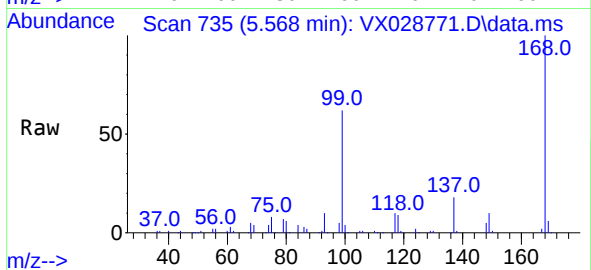




#36
1,1-Dichloropropene
Concen: 8.272 ug/l
RT: 5.568 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

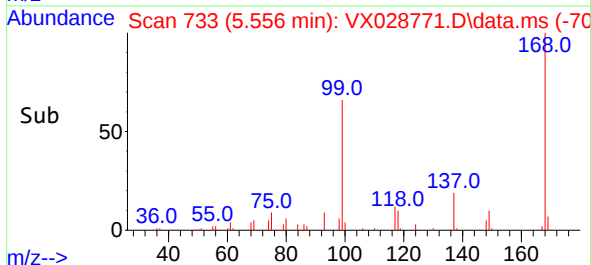
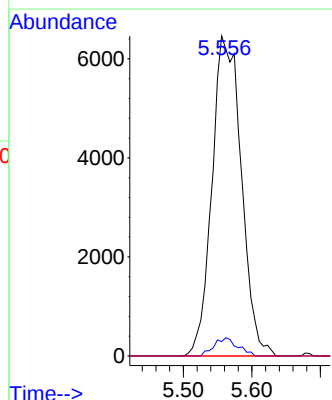
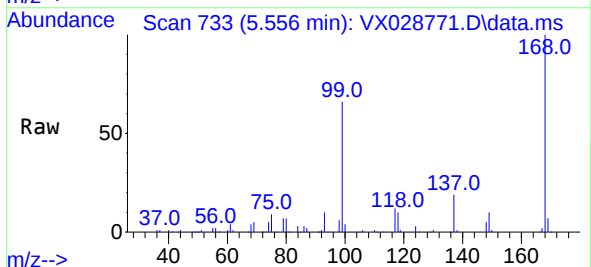
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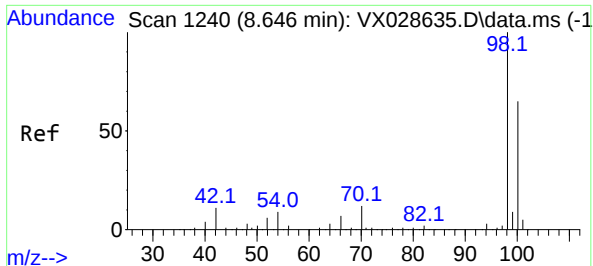
Tgt Ion: 75 Resp: 14111
Ion Ratio Lower Upper
75 100
110 10.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 11.157 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

Tgt Ion: 117 Resp: 19153
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 42.280 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028771.D

Acq: 17 May 2022 20:23

Instrument :

MSVOA_X

ClientSampleId :

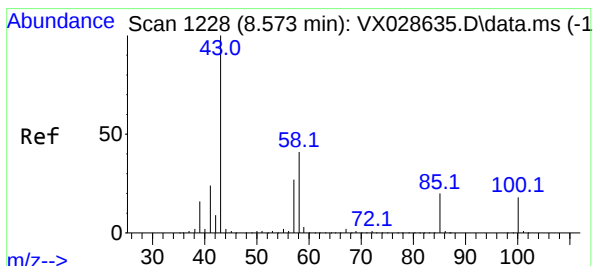
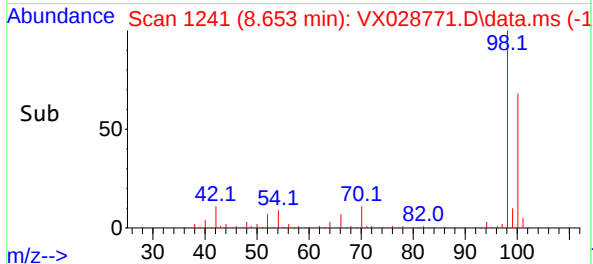
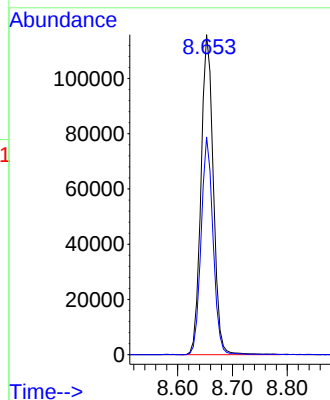
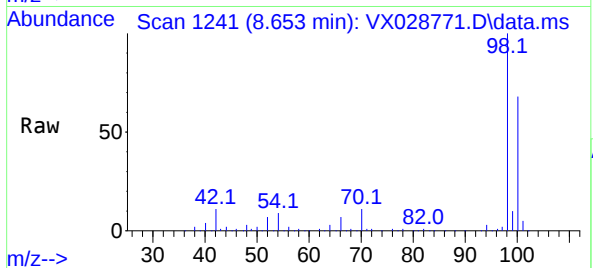
31571

Tgt Ion: 98 Resp: 181030

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.669 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.007 min

Lab File: VX028771.D

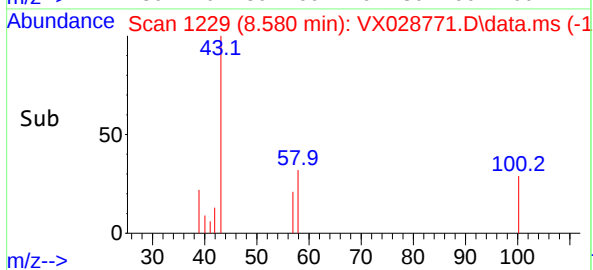
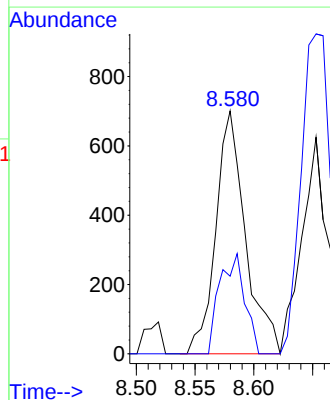
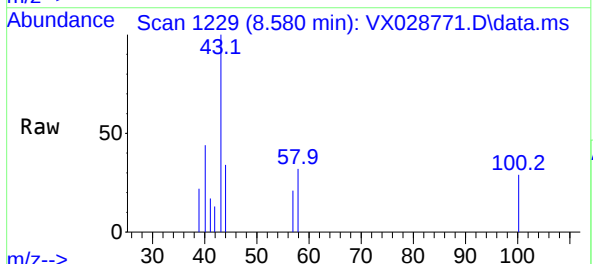
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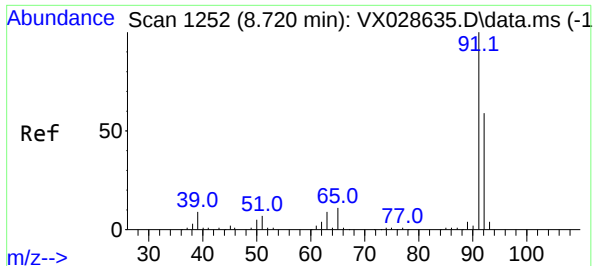
Tgt Ion: 43 Resp: 1229

Ion Ratio Lower Upper

43 100

58 34.8 36.1 54.1#

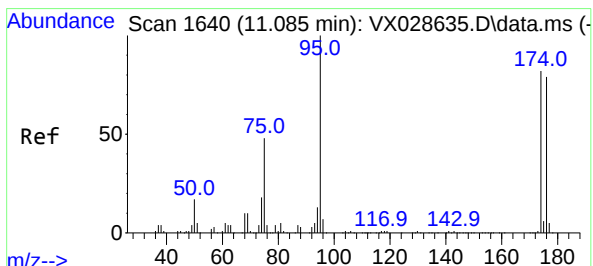
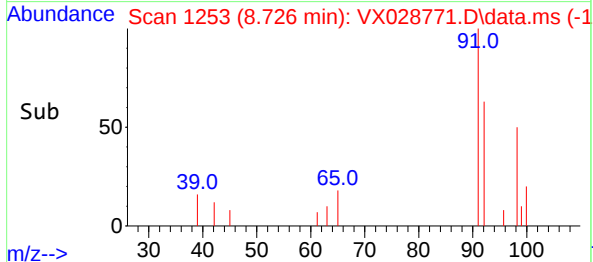
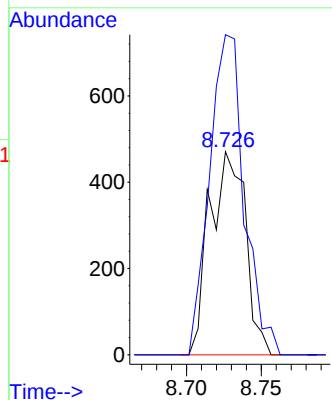
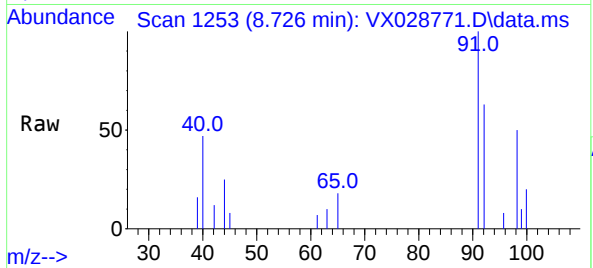




#52
Toluene
Concen: 0.250 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

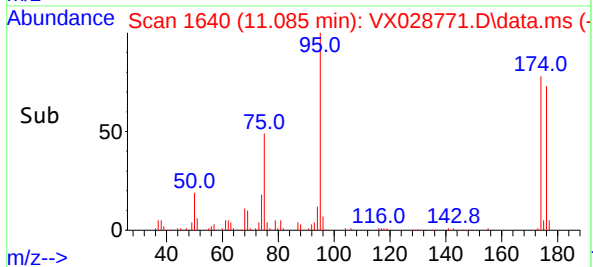
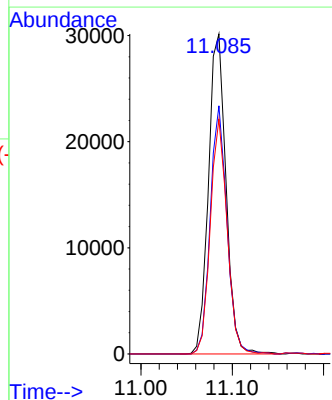
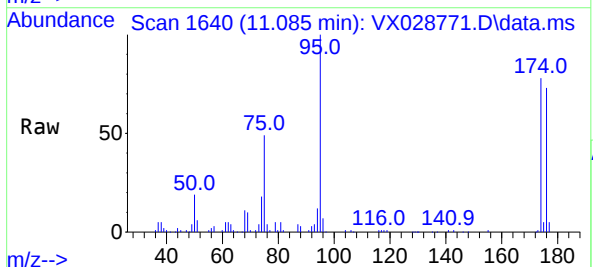
Instrument :
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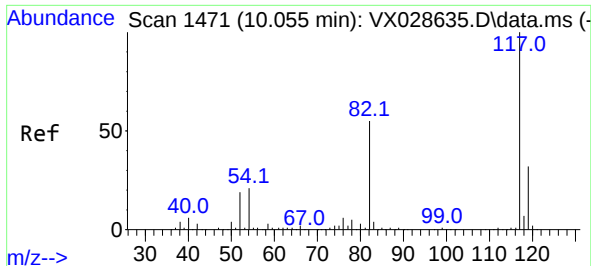
Tgt Ion: 92 Resp: 787
Ion Ratio Lower Upper
92 100
91 152.1 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 25.040 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

Tgt Ion: 95 Resp: 40045
Ion Ratio Lower Upper
95 100
174 73.8 0.0 163.0
176 70.2 0.0 155.0

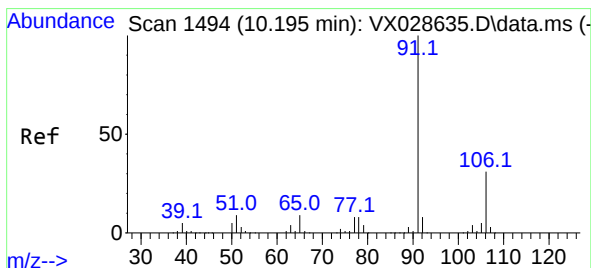
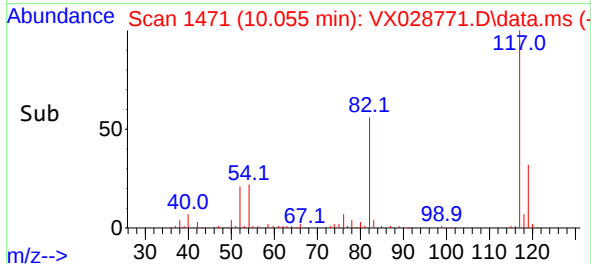
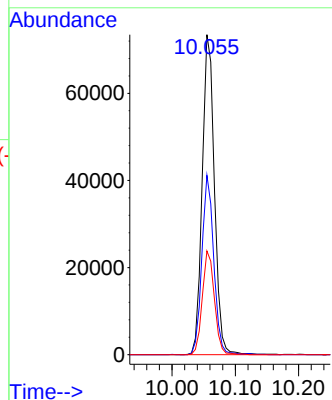
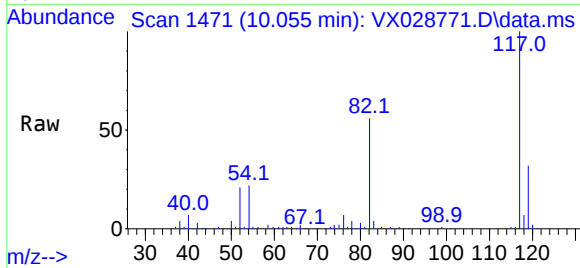




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

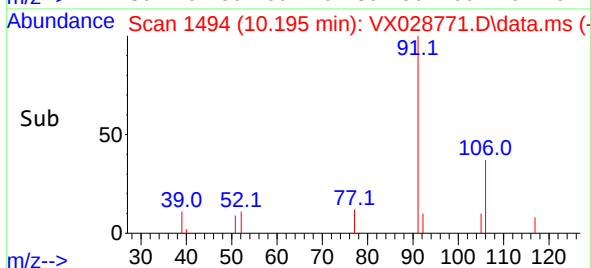
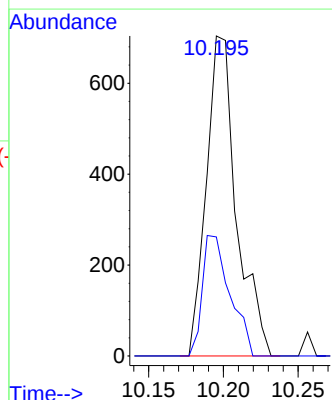
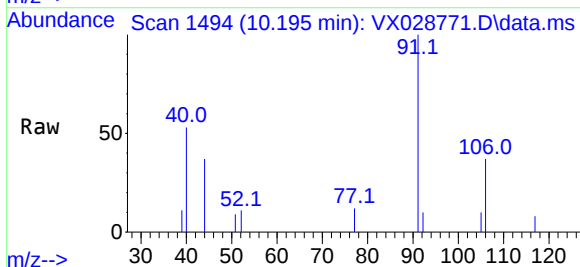
Instrument :
MSVOA_X
ClientSampleId :
31571

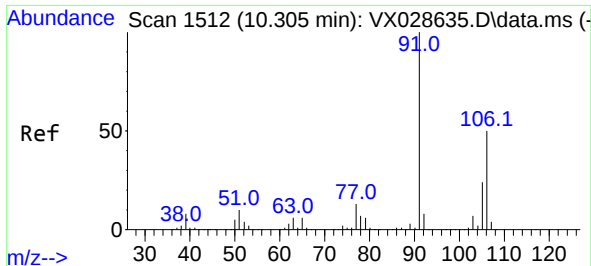
Tgt Ion:117 Resp: 99011
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.4 24.8 37.2



#67
Ethyl Benzene
Concen: 0.262 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

Tgt Ion: 91 Resp: 987
Ion Ratio Lower Upper
91 100
106 37.2 24.6 36.8#

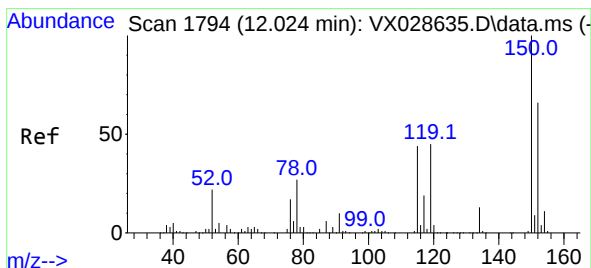
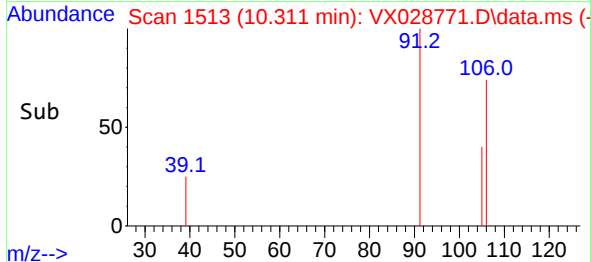
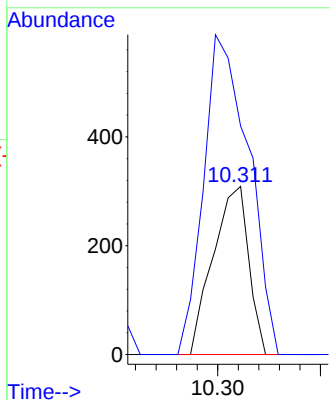
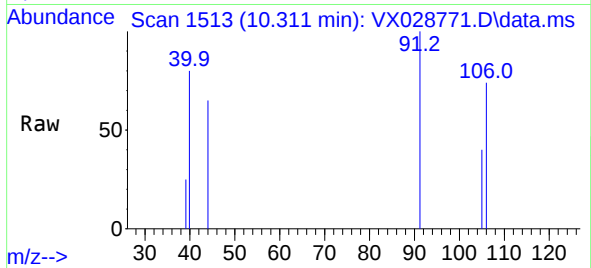




#68
m/p-Xylenes
Concen: 0.254 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

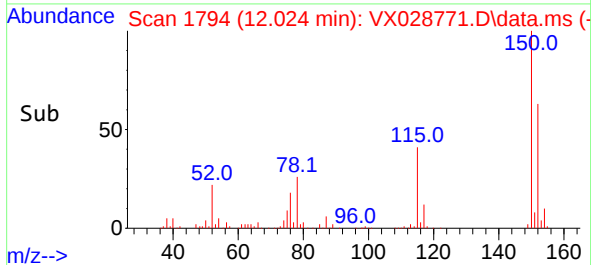
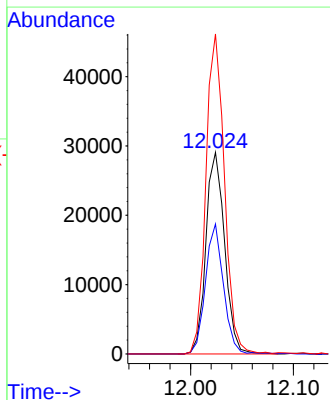
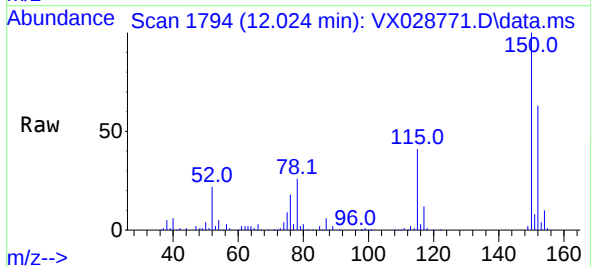
Instrument :
MSVOA_X
ClientSampleId :
31571

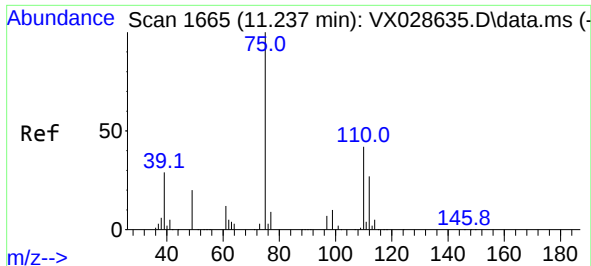
Tgt Ion:106 Resp: 372
Ion Ratio Lower Upper
106 100
91 239.5 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

Tgt Ion:152 Resp: 36920
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 156.7 0.0 338.2

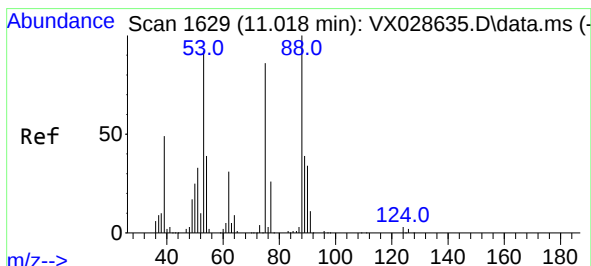
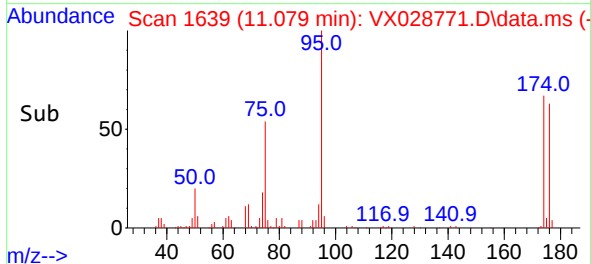
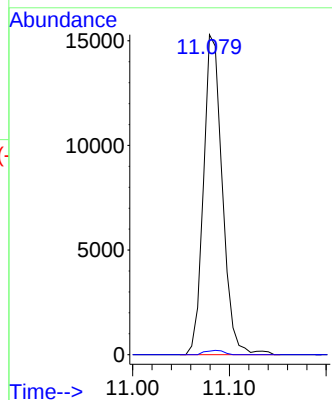
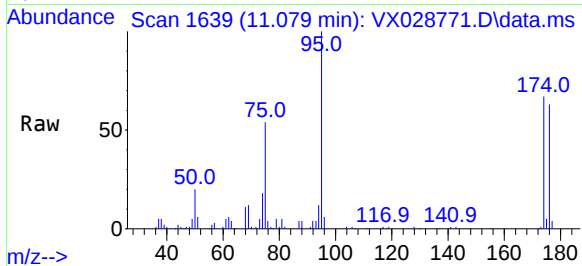




#76
1,2,3-Trichloropropane
Concen: 23.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

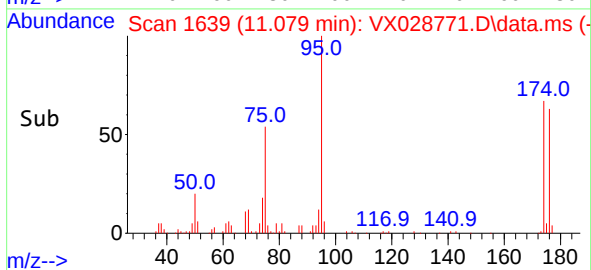
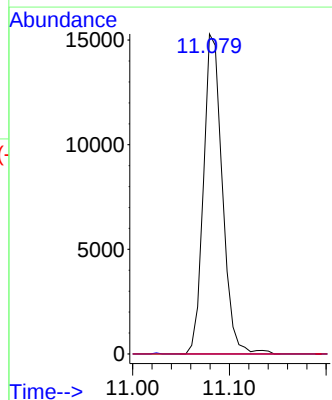
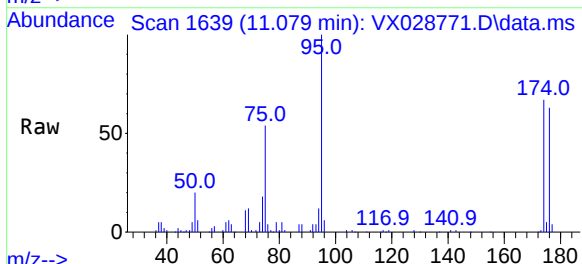
Instrument :
MSVOA_X
ClientSampleId :
31571

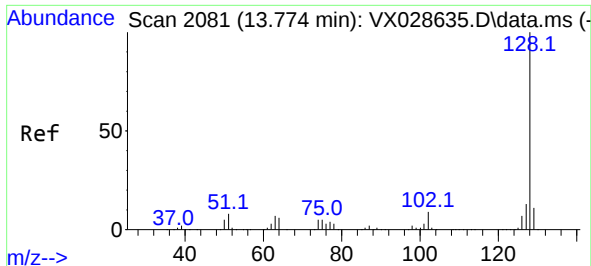
Tgt Ion: 75 Resp: 20729
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

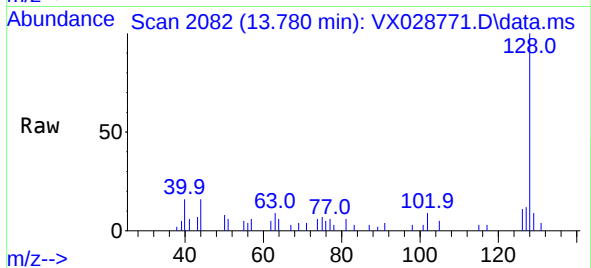
Tgt Ion: 75 Resp: 20729
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 1.618 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028771.D
Acq: 17 May 2022 20:23

Instrument :
MSVOA_X
ClientSampleId :
31571



Tgt Ion:	128	Resp:	4246
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	9.5	8.7	13.1

