

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX029000.D
 Acq On : 26 May 2022 15:39
 Operator : JC/MD
 Sample : N3030-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB05-20220524

Quant Time: May 27 07:34:14 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)

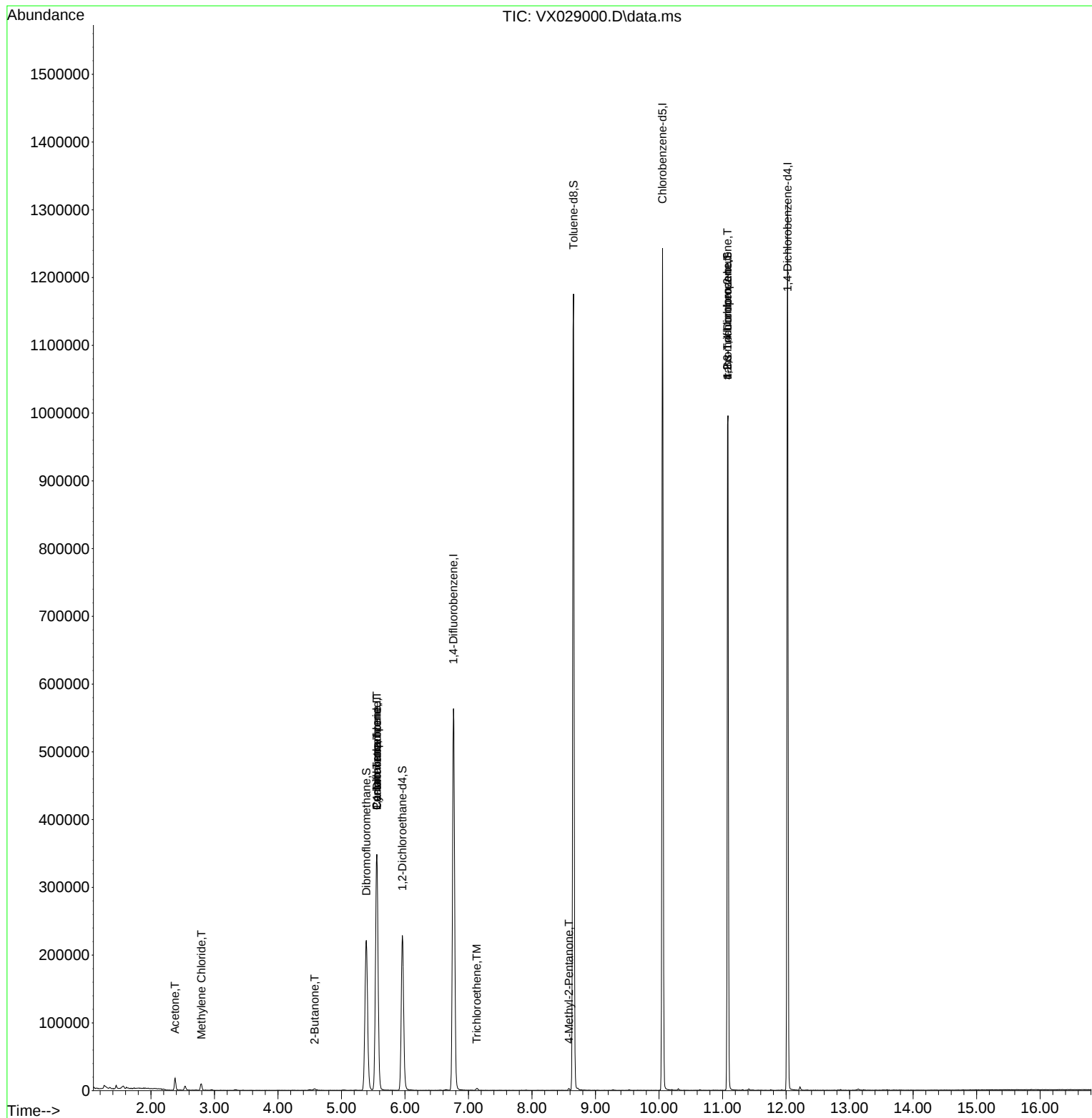
Internal Standards						
1) Pentafluorobenzene	5.556	168	331934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	598040	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	578386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	225118	49.476	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.960%
35) Dibromofluoromethane	5.391	113	198819	50.742	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.480%
50) Toluene-d8	8.653	98	710760	48.113	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.220%
62) 4-Bromofluorobenzene	11.079	95	281042	50.935	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.860%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	1088	Below Cal		92
6) Chloroethane	1.691	64	706	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	661	Below Cal	#	72
16) Acetone	2.380	43	18486	9.467	ug/l	94
20) Methylene Chloride	2.794	84	4580	1.118	ug/l	# 96
25) 2-Butanone	4.574	43	3891	1.269	ug/l	97
31) Cyclohexane	5.556	56	6498	1.029	ug/l	# 6
36) 1,1-Dichloropropene	5.556	75	24406	4.147	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	35344	5.968	ug/l	# 15
44) Trichloroethene	7.129	130	1235	0.269	ug/l	71
51) 4-Methyl-2-Pentanone	8.580	43	1698	0.268	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	138337	21.739	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	138337	63.703	ug/l	# 15

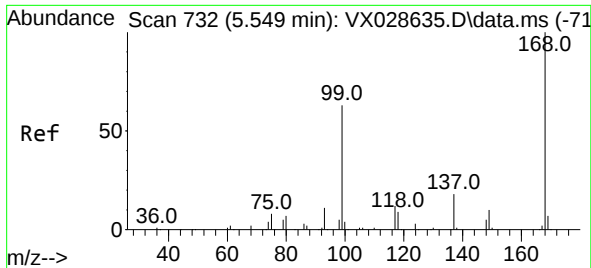
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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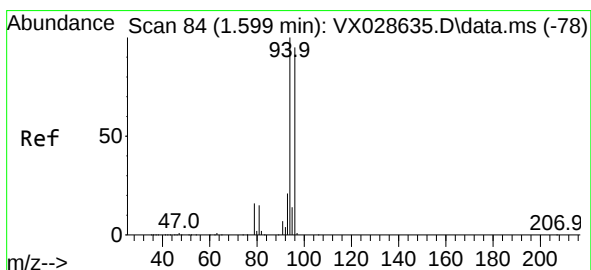
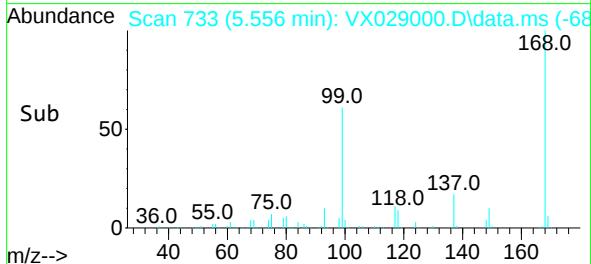
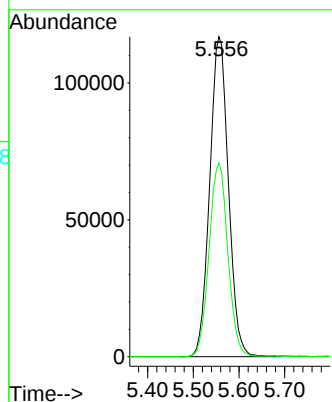
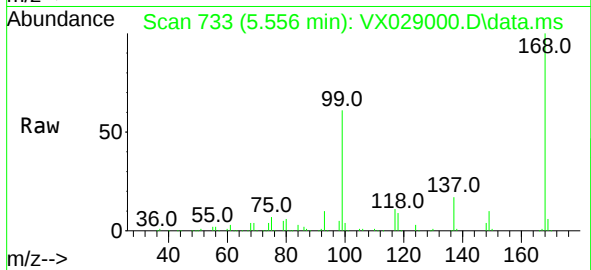




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029000.D
Acq: 26 May 2022 15:39

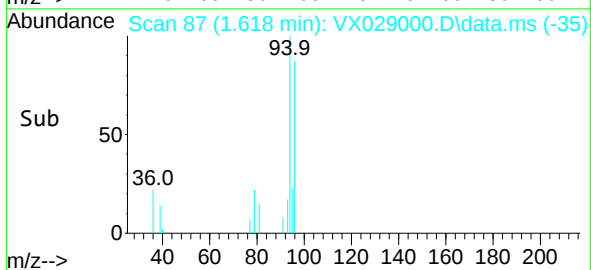
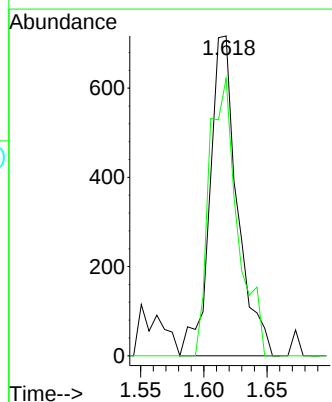
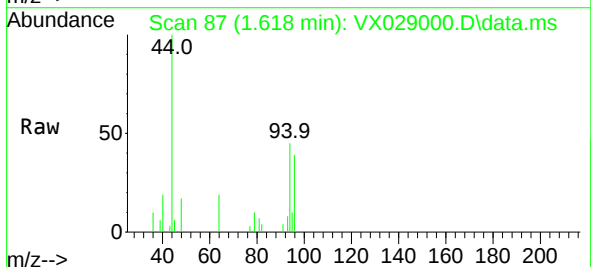
Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

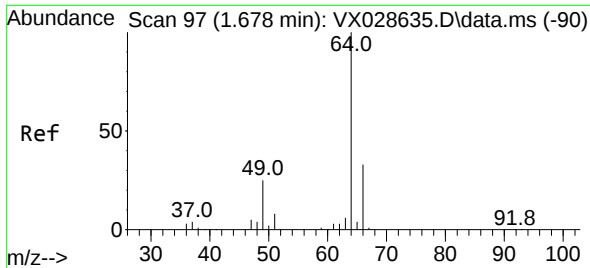
Tgt Ion:168 Resp: 331934
Ion Ratio Lower Upper
168 100
99 60.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX029000.D
Acq: 26 May 2022 15:39

Tgt Ion: 94 Resp: 1088
Ion Ratio Lower Upper
94 100
96 86.8 75.3 112.9

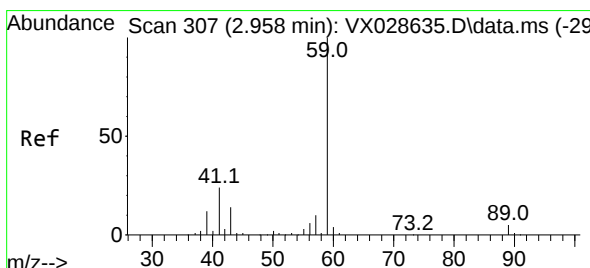
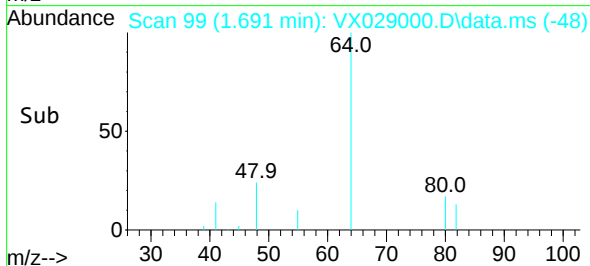
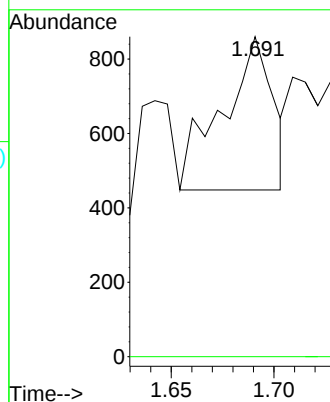
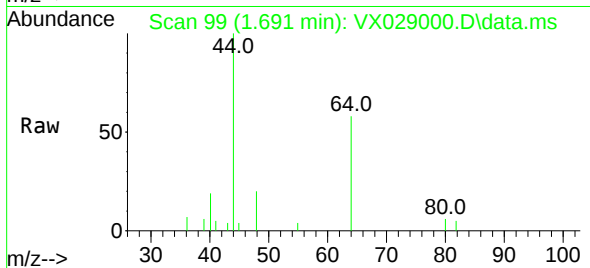




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX029000.D
Acq: 26 May 2022 15:39

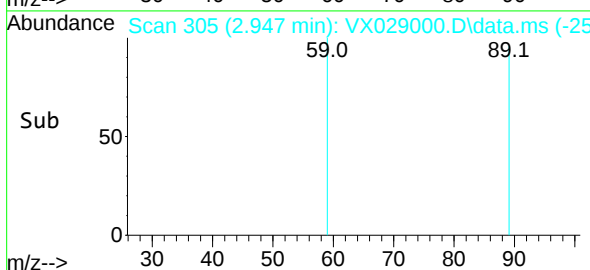
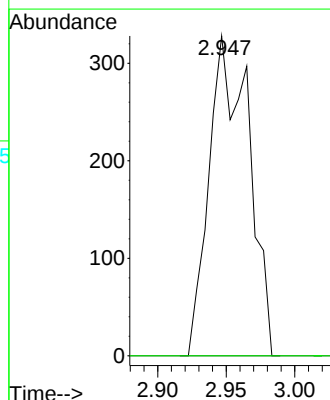
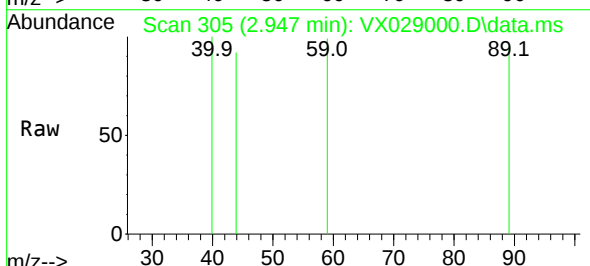
Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

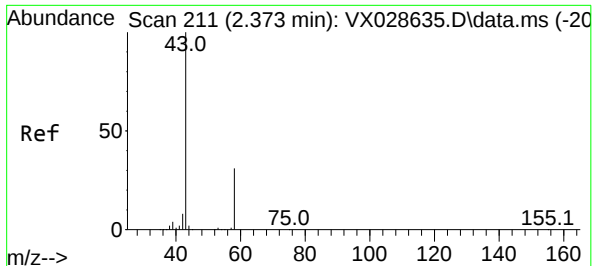
Tgt Ion: 64 Resp: 706
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX029000.D
Acq: 26 May 2022 15:39

Tgt Ion: 59 Resp: 661
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

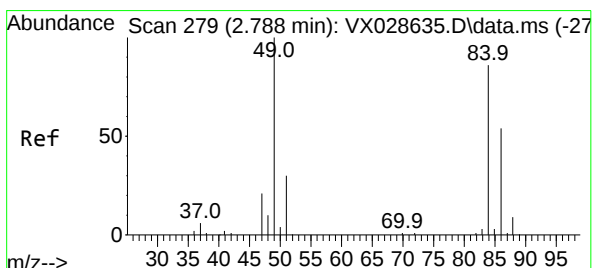
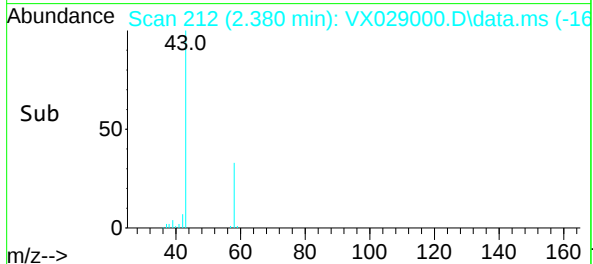
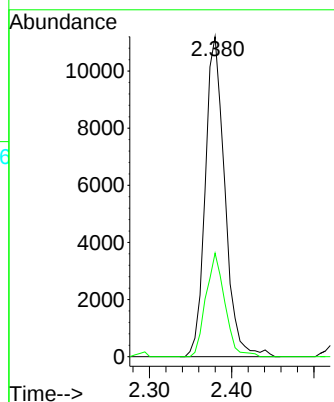
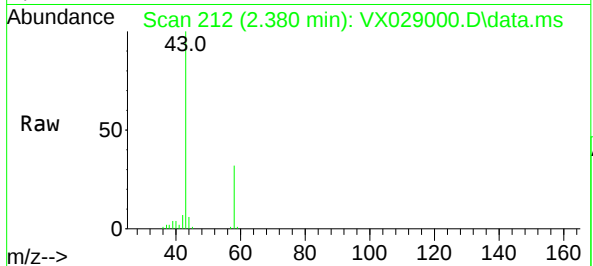




#16
Acetone
Concen: 9.467 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX029000.D
Acq: 26 May 2022 15:39

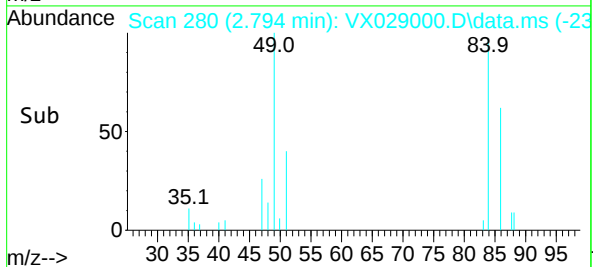
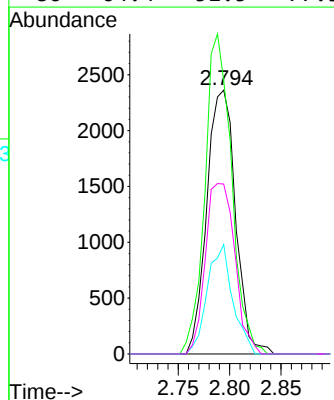
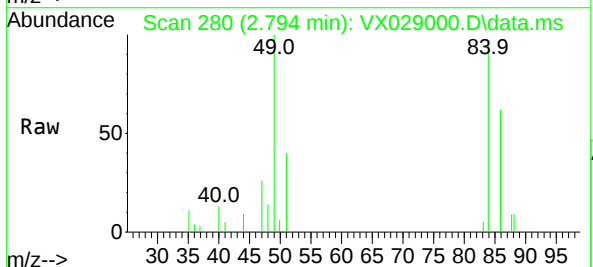
Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

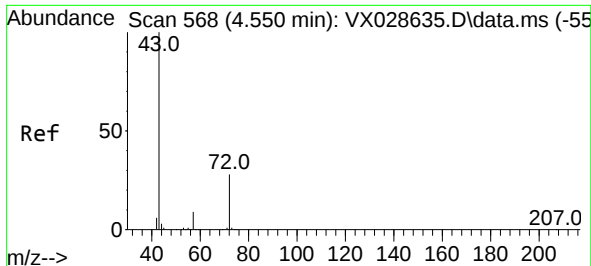
Tgt Ion: 43 Resp: 18486
Ion Ratio Lower Upper
43 100
58 32.4 28.8 43.2



#20
Methylene Chloride
Concen: 1.118 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029000.D
Acq: 26 May 2022 15:39

Tgt Ion: 84 Resp: 4580
Ion Ratio Lower Upper
84 100
49 103.6 85.5 128.3
51 41.5 26.6 39.8#
86 64.4 51.5 77.3





#25

2-Butanone

Concen: 1.269 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX029000.D

Acq: 26 May 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

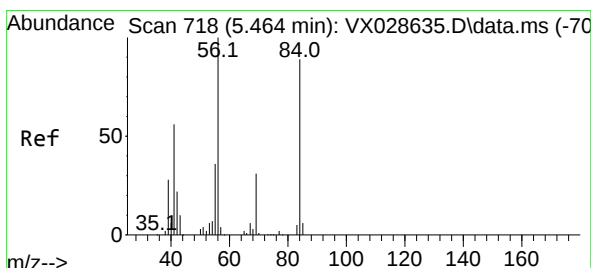
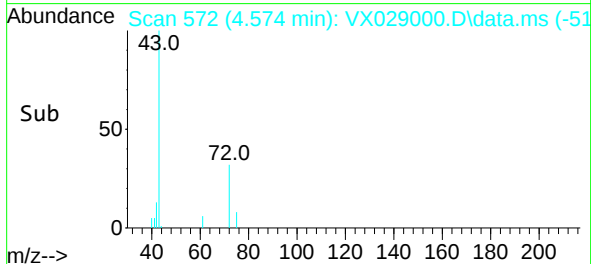
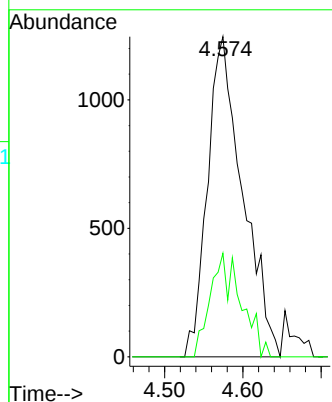
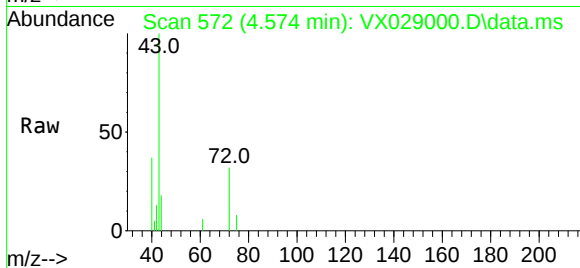
RB05-20220524

Tgt Ion: 43 Resp: 3891

Ion Ratio Lower Upper

43 100

72 32.3 24.4 36.6



#31

Cyclohexane

Concen: 1.029 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX029000.D

Acq: 26 May 2022 15:39

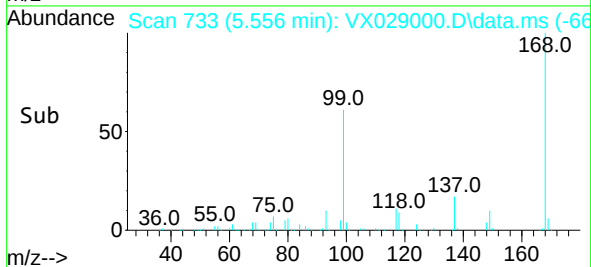
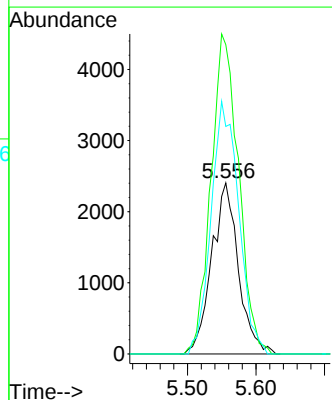
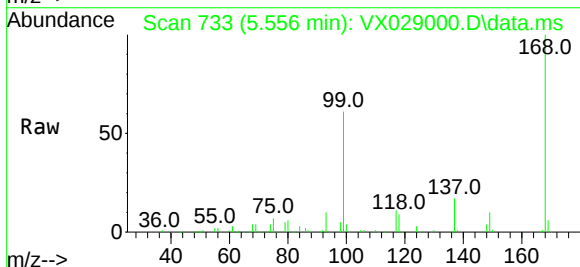
Tgt Ion: 56 Resp: 6498

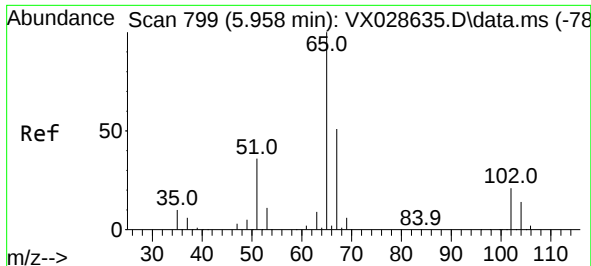
Ion Ratio Lower Upper

56 100

69 180.9 26.7 40.1#

84 133.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.476 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029000.D

Acq: 26 May 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

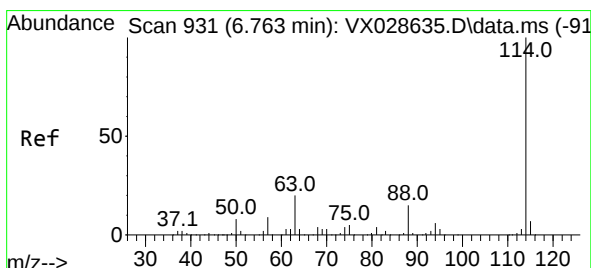
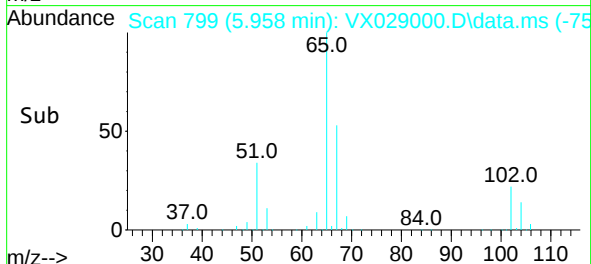
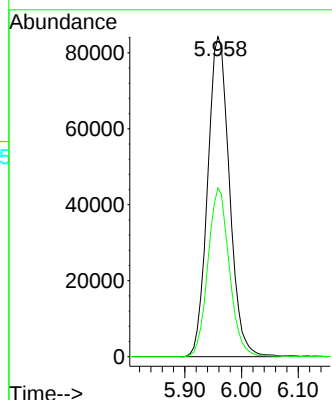
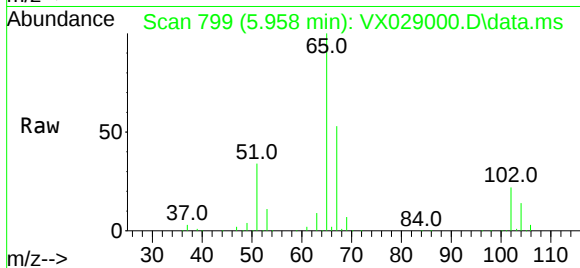
RB05-20220524

Tgt Ion: 65 Resp: 225118

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029000.D

Acq: 26 May 2022 15:39

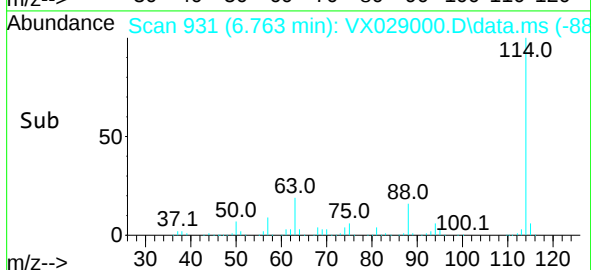
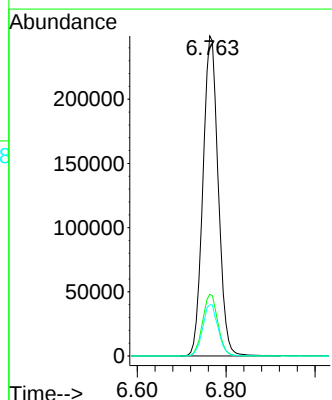
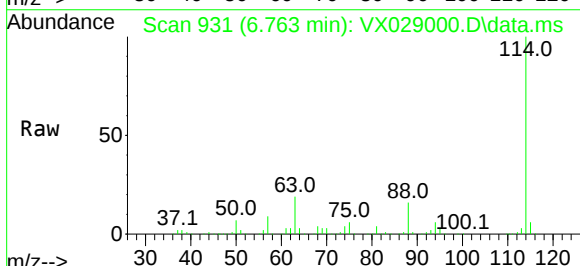
Tgt Ion: 114 Resp: 598040

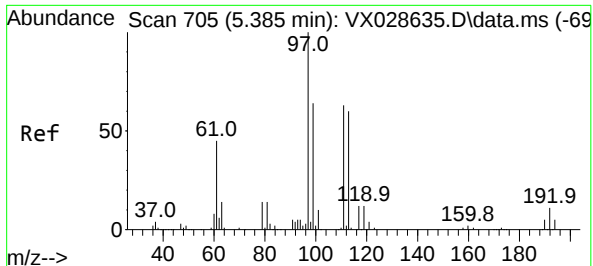
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.742 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX029000.D

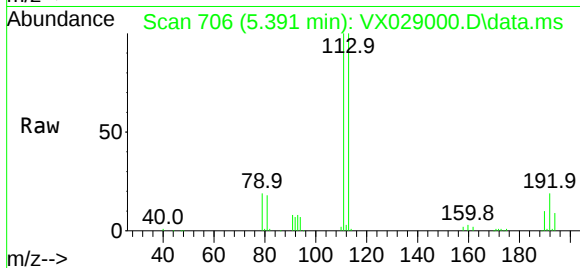
Acq: 26 May 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

RB05-20220524



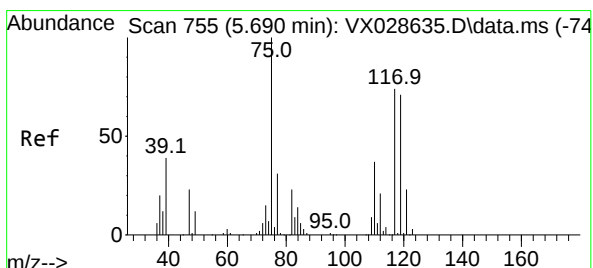
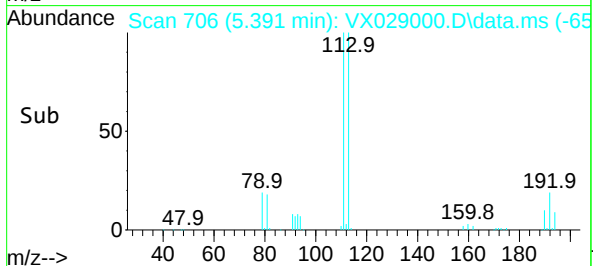
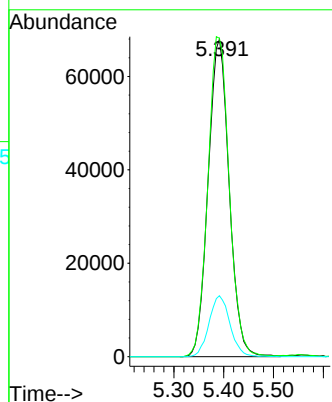
Tgt Ion:113 Resp: 198819

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 19.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.147 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX029000.D

Acq: 26 May 2022 15:39

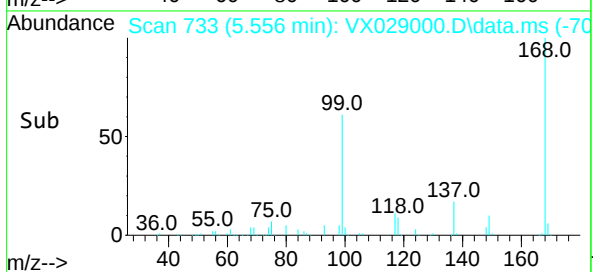
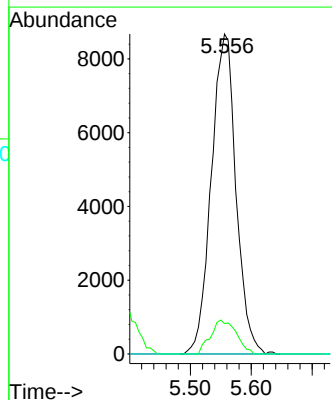
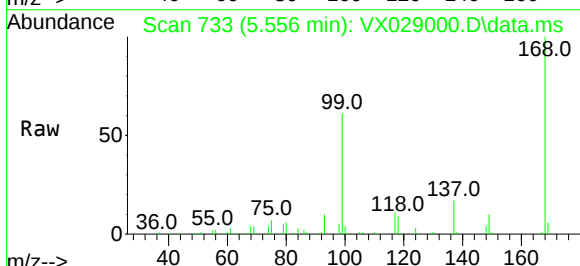
Tgt Ion: 75 Resp: 24406

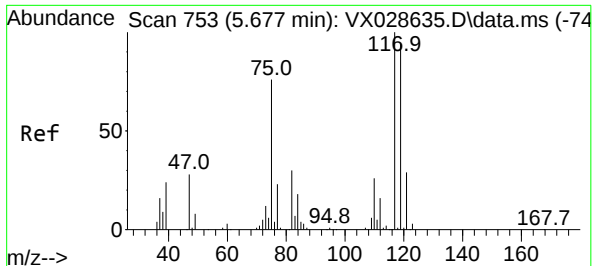
Ion Ratio Lower Upper

75 100

110 11.0 18.3 54.8#

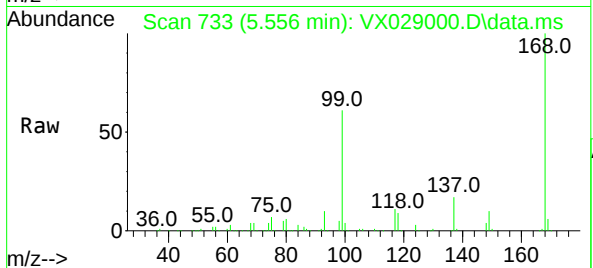
77 0.0 24.8 37.2#



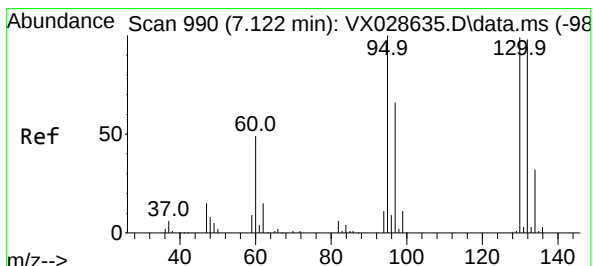
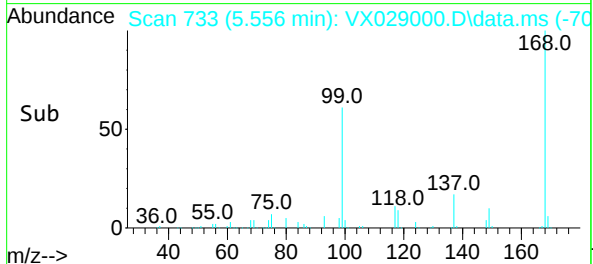
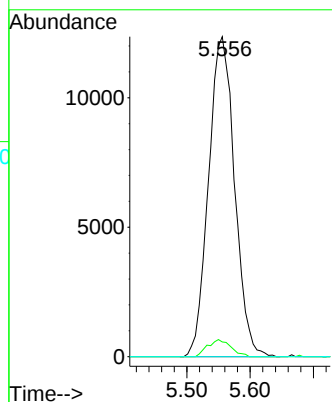


#38
Carbon Tetrachloride
Concen: 5.968 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX029000.D
Acq: 26 May 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

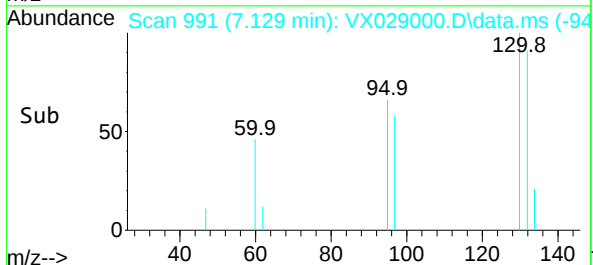
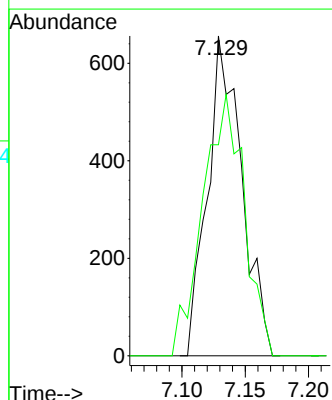
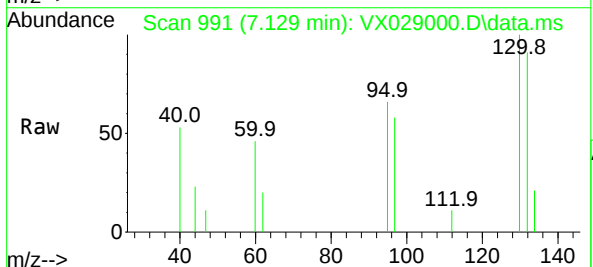


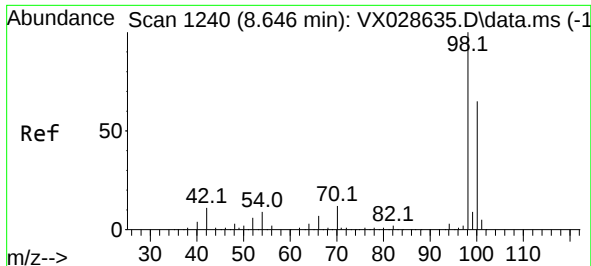
Tgt Ion:117 Resp: 35344
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.269 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX029000.D
Acq: 26 May 2022 15:39

Tgt Ion:130 Resp: 1235
Ion Ratio Lower Upper
130 100
95 66.0 0.0 188.8





#50

Toluene-d8

Concen: 48.113 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX029000.D

Acq: 26 May 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

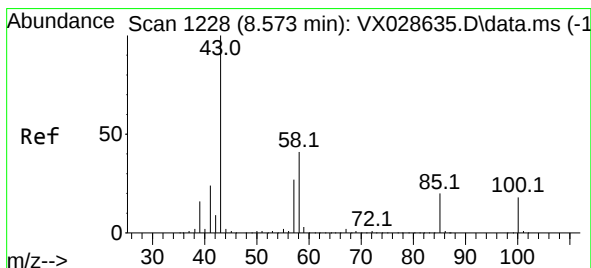
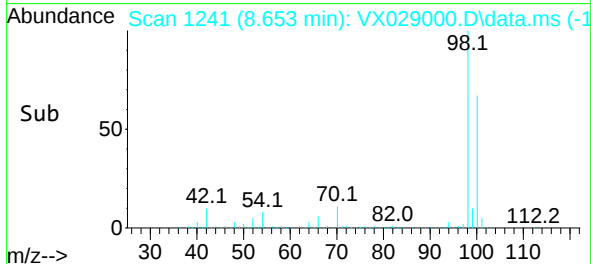
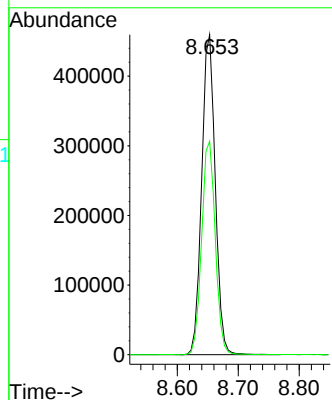
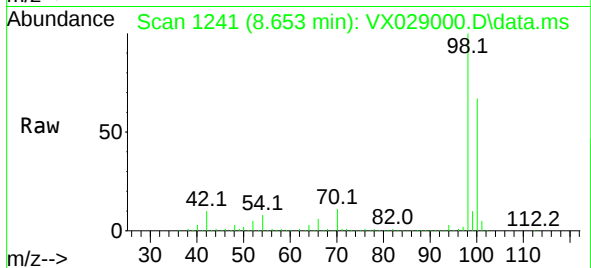
RB05-20220524

Tgt Ion: 98 Resp: 710760

Ion Ratio Lower Upper

98 100

100 67.2 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.268 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.007 min

Lab File: VX029000.D

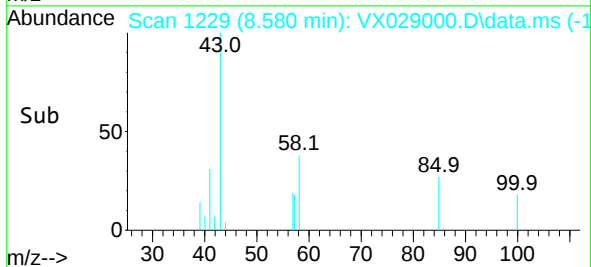
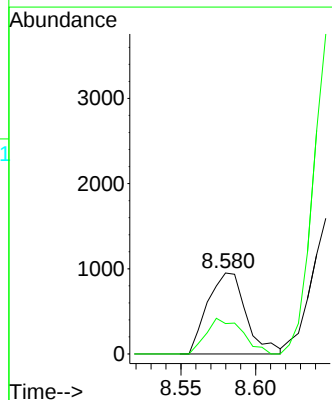
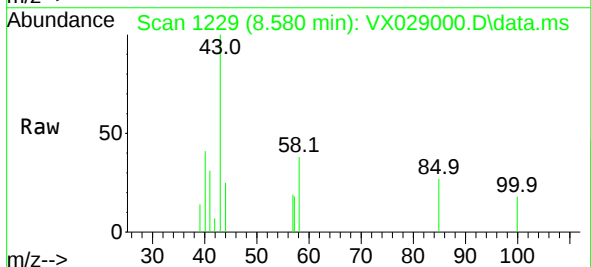
Acq: 26 May 2022 15:39

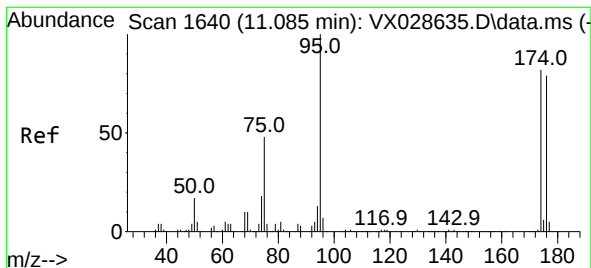
Tgt Ion: 43 Resp: 1698

Ion Ratio Lower Upper

43 100

58 41.5 36.1 54.1

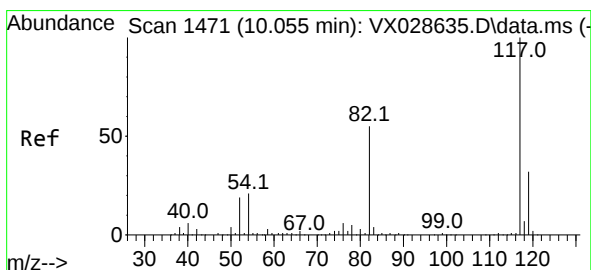
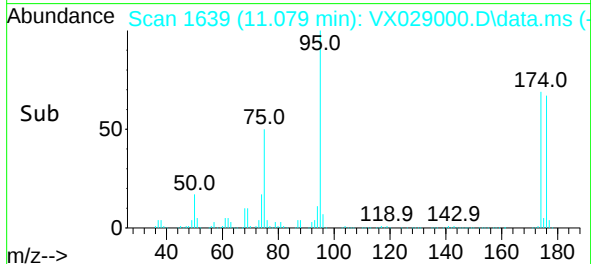
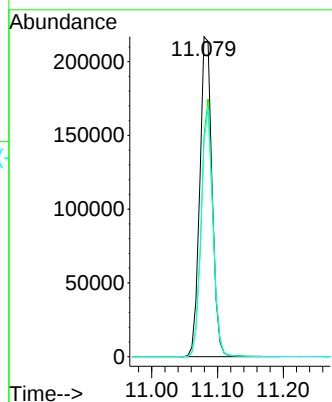
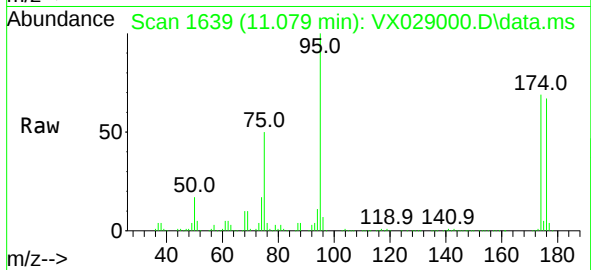




#62
4-Bromofluorobenzene
Concen: 50.935 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029000.D
Acq: 26 May 2022 15:39

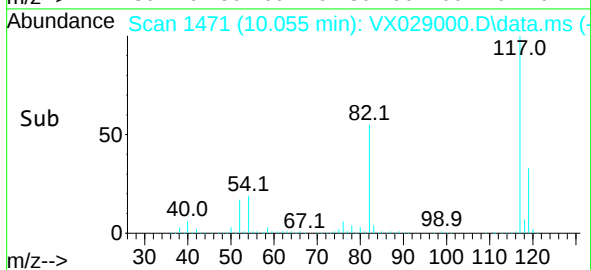
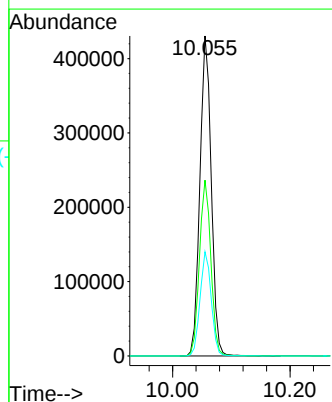
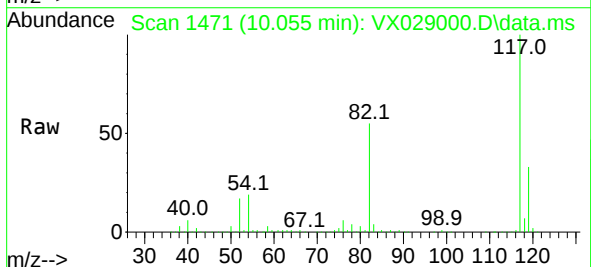
Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

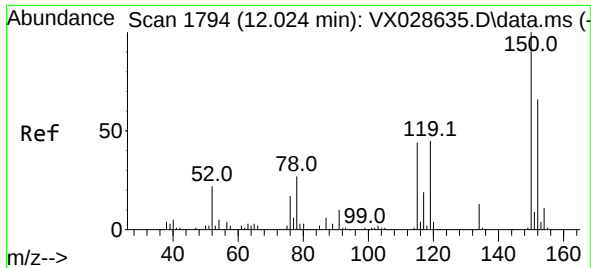
Tgt Ion: 95 Resp: 281042
Ion Ratio Lower Upper
95 100
174 76.6 0.0 163.0
176 73.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029000.D
Acq: 26 May 2022 15:39

Tgt Ion: 117 Resp: 578386
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 32.5 24.8 37.2

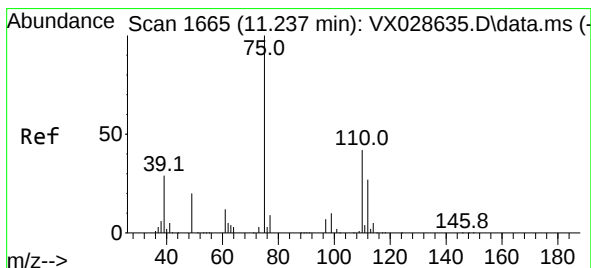
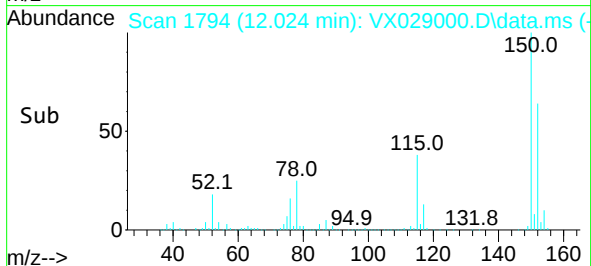
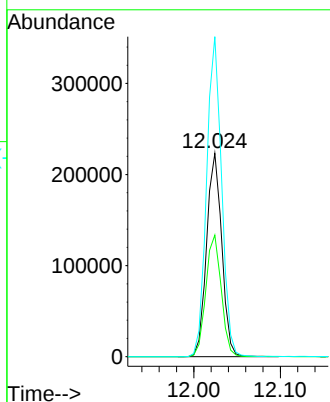
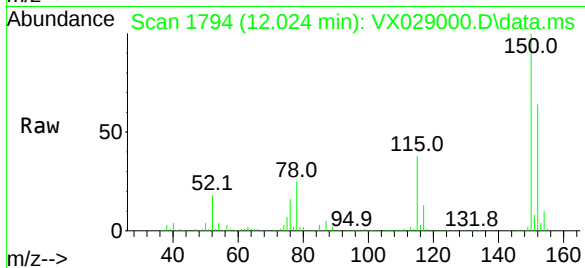




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029000.D
Acq: 26 May 2022 15:39

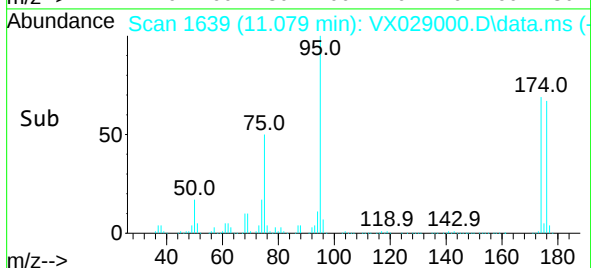
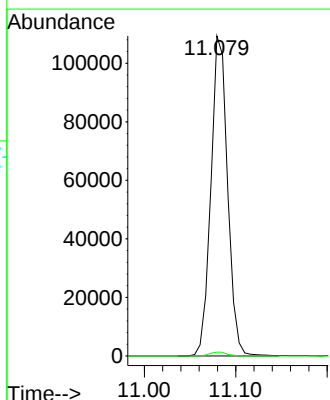
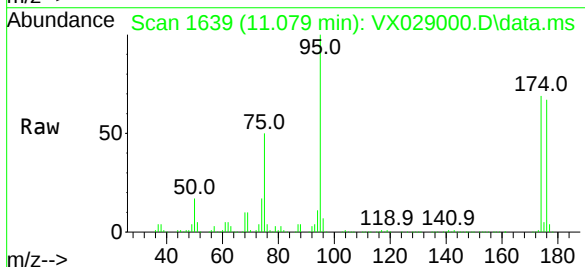
Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

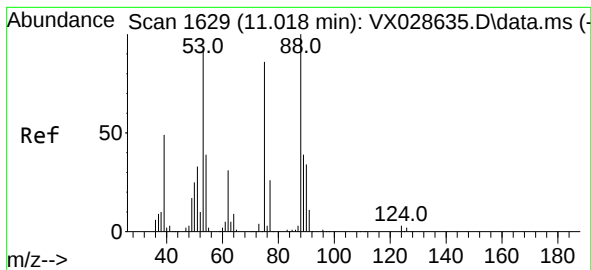
Tgt Ion:152 Resp: 271724
Ion Ratio Lower Upper
152 100
115 60.6 37.5 112.7
150 155.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 21.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029000.D
Acq: 26 May 2022 15:39

Tgt Ion: 75 Resp: 138337
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.703 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029000.D
 Acq: 26 May 2022 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 RB05-20220524

Tgt Ion: 75 Resp: 138337
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

