

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX028999.D
 Acq On : 26 May 2022 15:15
 Operator : JC/MD
 Sample : N2983-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB03-20220520

Quant Time: May 27 07:34:01 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)

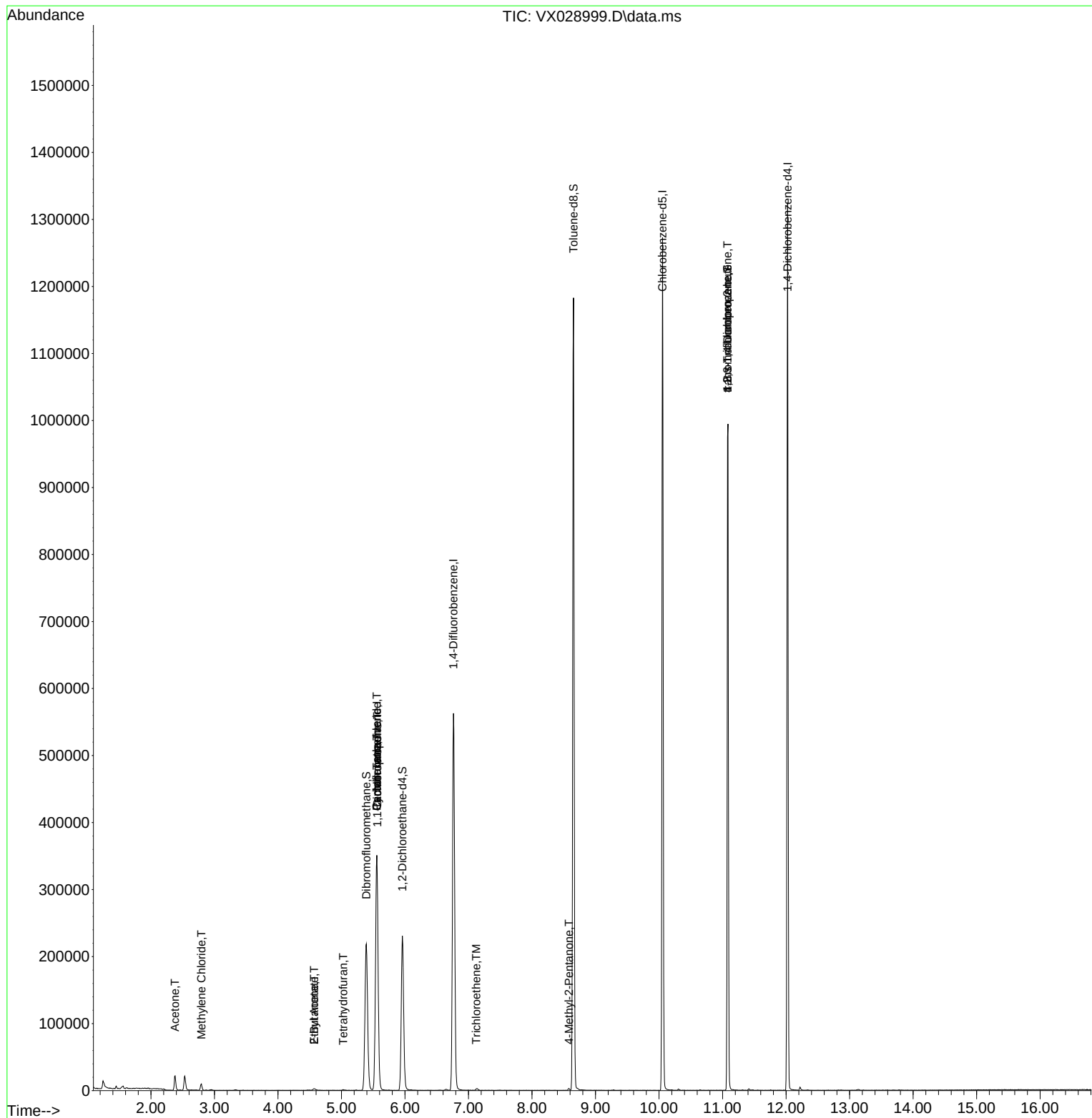
Internal Standards						
1) Pentafluorobenzene	5.556	168	331719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	596202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	223527	49.158	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.320%
35) Dibromofluoromethane	5.391	113	196761	50.371	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.740%
50) Toluene-d8	8.653	98	711124	48.286	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.079	95	280084	50.918	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.840%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	947	Below Cal	#	74
6) Chloroethane	1.684	64	189	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	745	Below Cal	#	72
16) Acetone	2.379	43	23146	11.861	ug/l	93
20) Methylene Chloride	2.794	84	4383	1.071	ug/l	92
25) 2-Butanone	4.568	43	4547	1.484	ug/l	100
29) Tetrahydrofuran	5.025	42	596	0.299	ug/l	# 65
31) Cyclohexane	5.556	56	6100	0.966	ug/l	# 11
36) 1,1-Dichloropropene	5.562	75	25248	4.303	ug/l	# 51
37) Ethyl Acetate	4.568	43	4547	0.742	ug/l	# 66
38) Carbon Tetrachloride	5.556	117	34255	5.802	ug/l	# 15
44) Trichloroethene	7.122	130	1201	0.263	ug/l	82
51) 4-Methyl-2-Pentanone	8.579	43	1660	0.263	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	136044	21.846	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	136044	63.996	ug/l	# 15

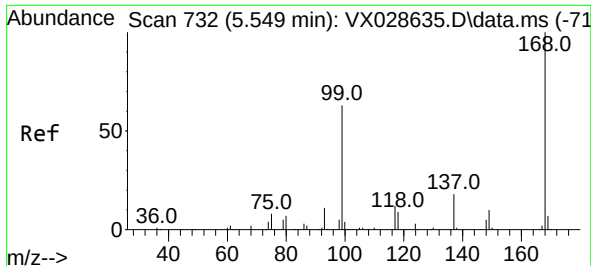
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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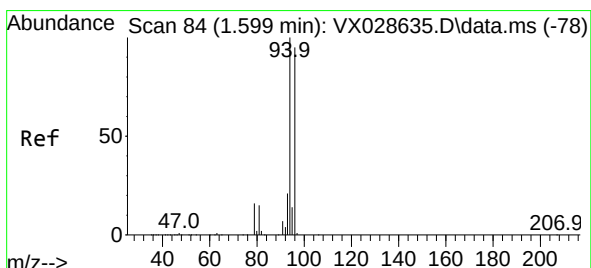
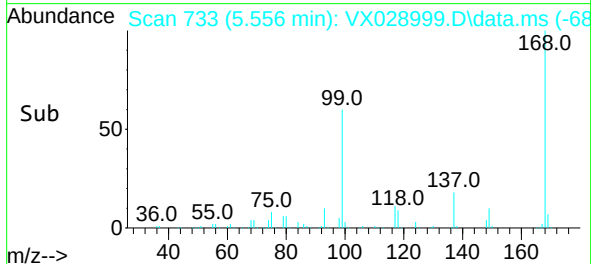
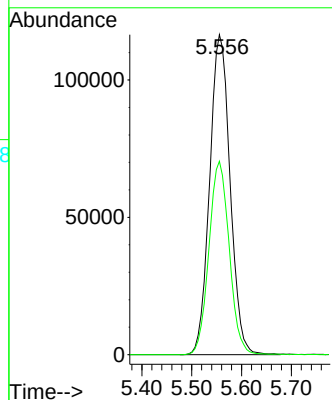
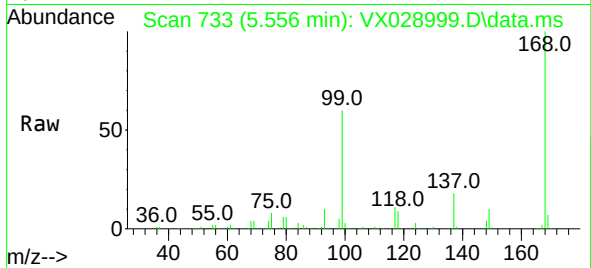




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

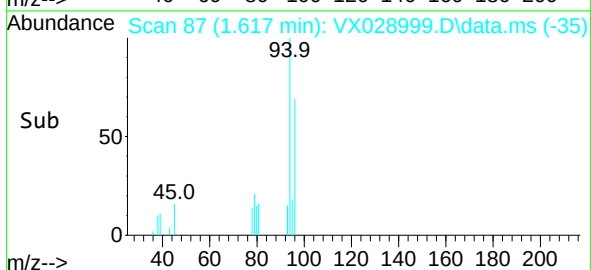
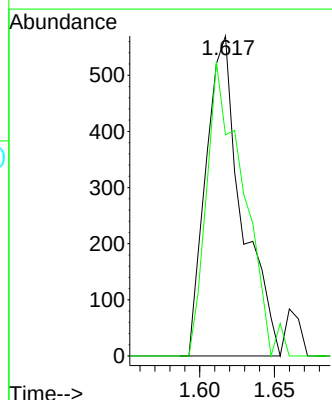
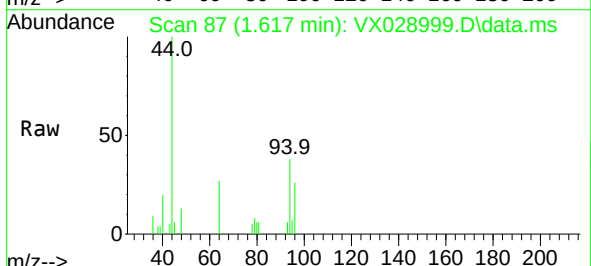
Instrument :
MSVOA_X
ClientSampleId :
RB03-20220520

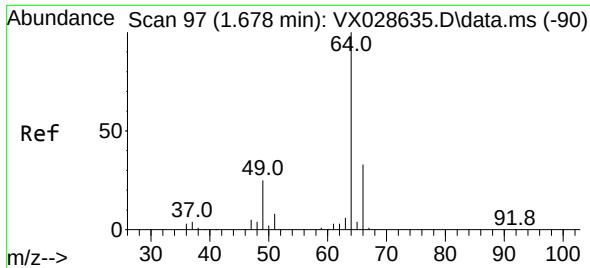
Tgt Ion:168 Resp: 331719
Ion Ratio Lower Upper
168 100
99 60.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

Tgt Ion: 94 Resp: 947
Ion Ratio Lower Upper
94 100
96 69.1 75.3 112.9#

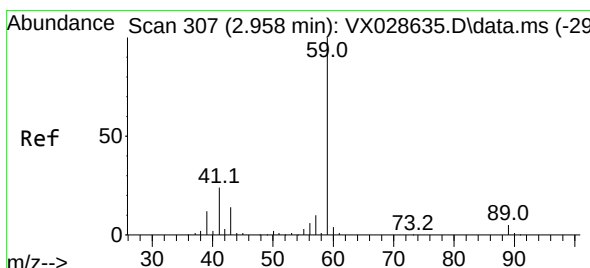
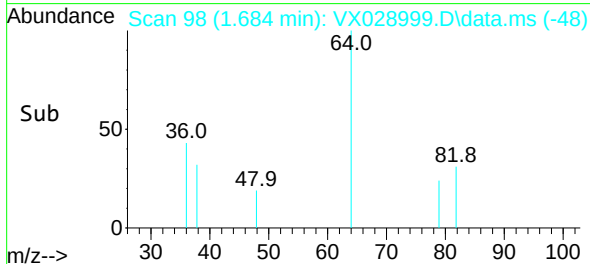
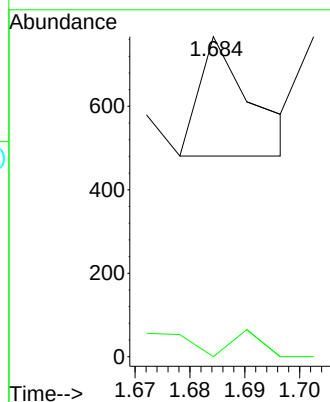
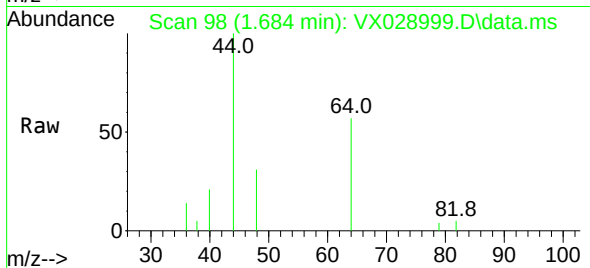




#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

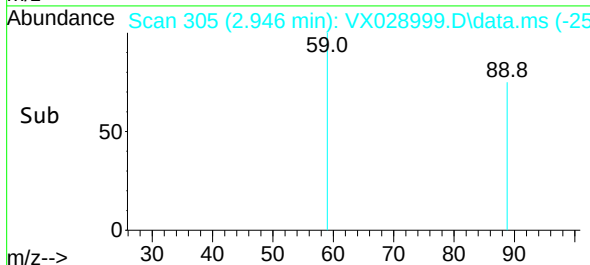
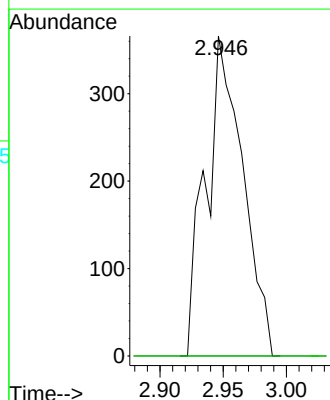
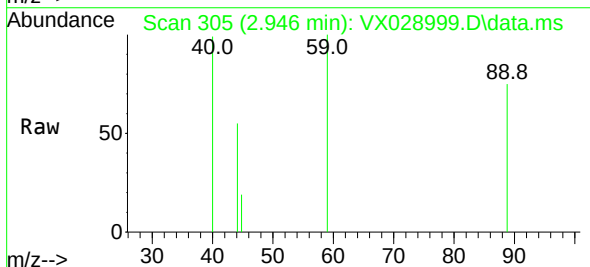
Instrument :
MSVOA_X
ClientSampleId :
RB03-20220520

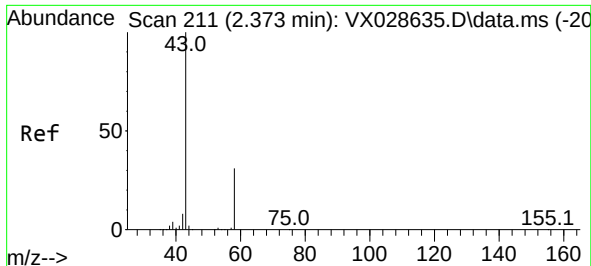
Tgt Ion: 64 Resp: 189
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

Tgt Ion: 59 Resp: 745
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

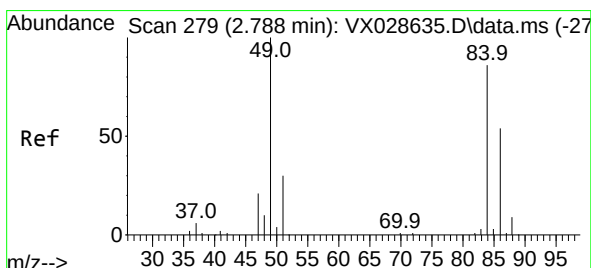
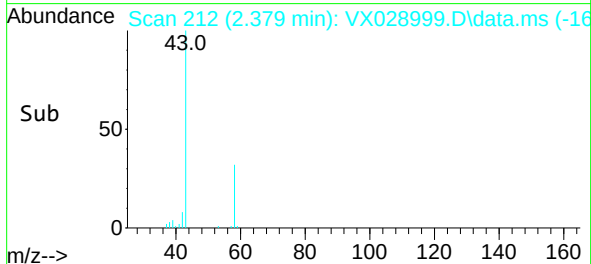
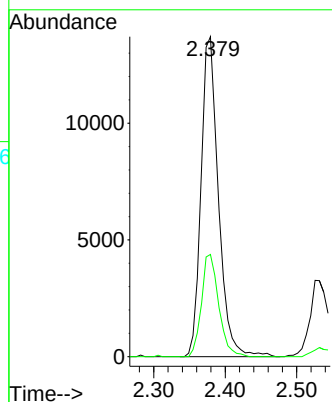
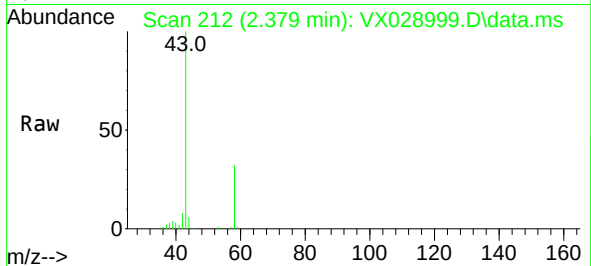




#16
Acetone
Concen: 11.861 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

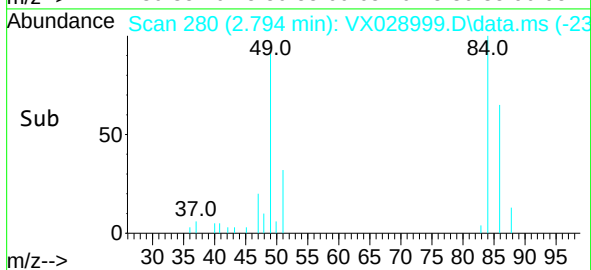
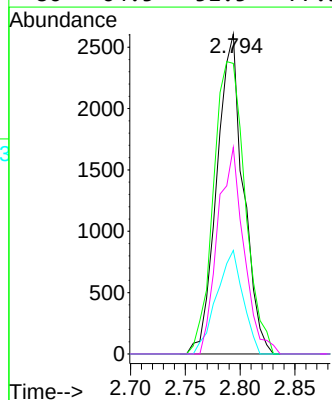
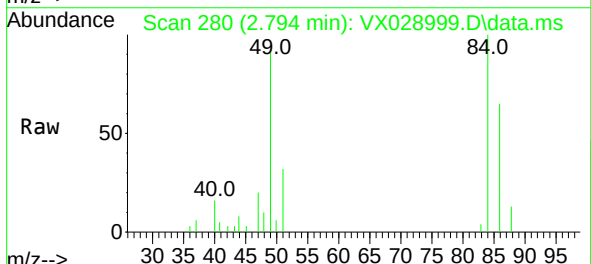
Instrument :
MSVOA_X
ClientSampleId :
RB03-20220520

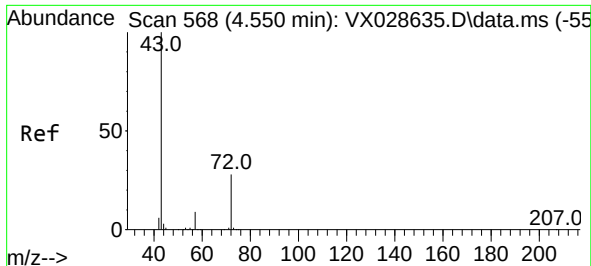
Tgt Ion: 43 Resp: 23146
Ion Ratio Lower Upper
43 100
58 32.0 28.8 43.2



#20
Methylene Chloride
Concen: 1.071 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

Tgt Ion: 84 Resp: 4383
Ion Ratio Lower Upper
84 100
49 90.8 85.5 128.3
51 32.4 26.6 39.8
86 64.5 51.5 77.3





#25

2-Butanone

Concen: 1.484 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX028999.D

Acq: 26 May 2022 15:15

Instrument :

MSVOA_X

ClientSampleId :

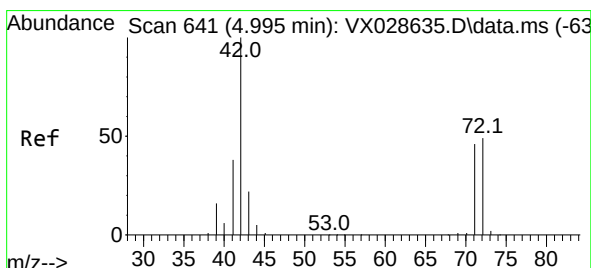
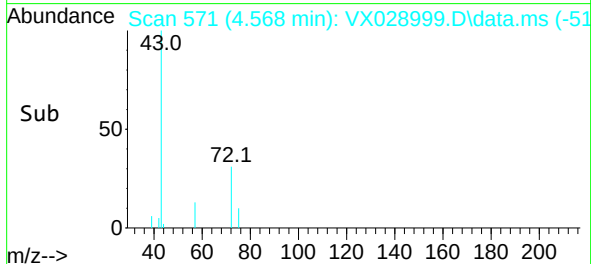
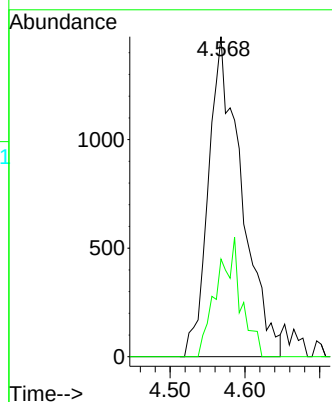
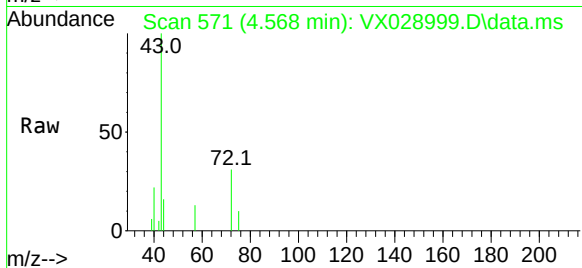
RB03-20220520

Tgt Ion: 43 Resp: 4547

Ion Ratio Lower Upper

43 100

72 30.5 24.4 36.6



#29

Tetrahydrofuran

Concen: 0.299 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.030 min

Lab File: VX028999.D

Acq: 26 May 2022 15:15

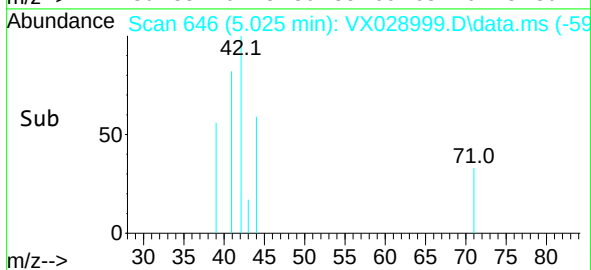
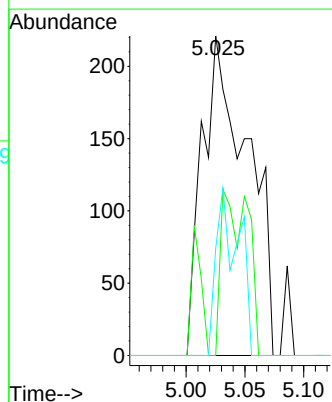
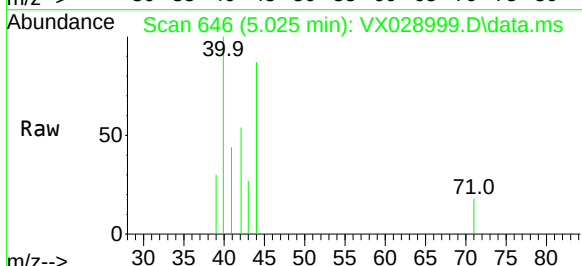
Tgt Ion: 42 Resp: 596

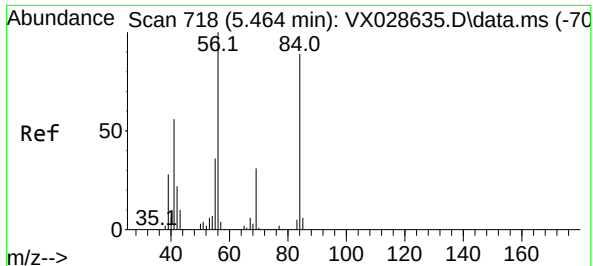
Ion Ratio Lower Upper

42 100

72 30.4 44.1 66.1#

71 26.0 40.5 60.7#

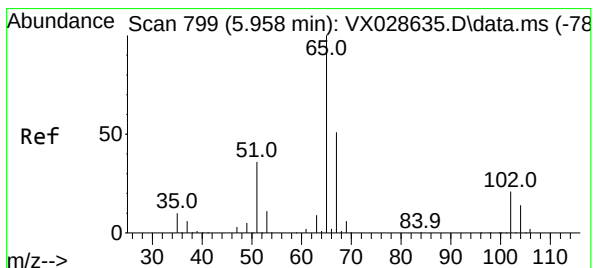
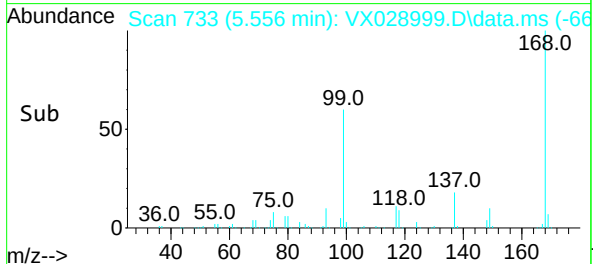
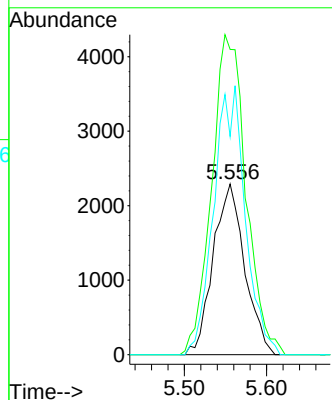
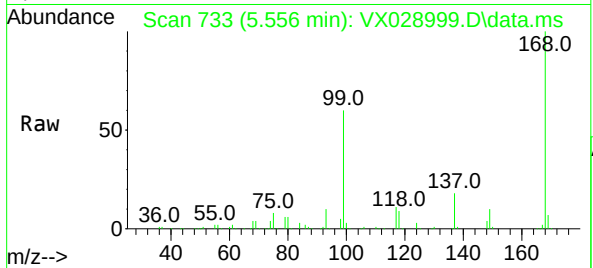




#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

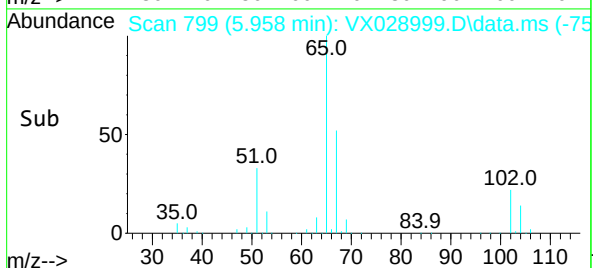
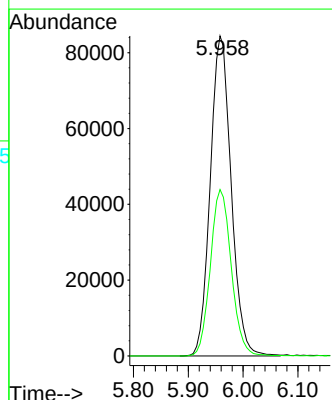
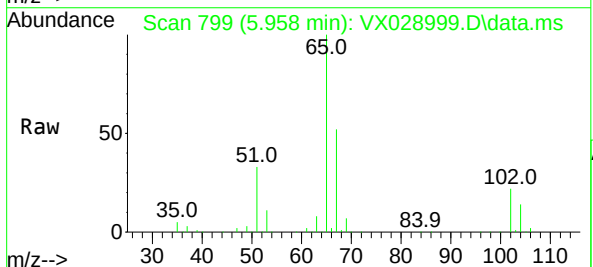
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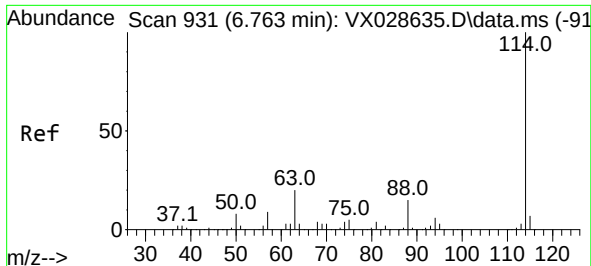
Tgt Ion: 56 Resp: 6100
Ion Ratio Lower Upper
56 100
69 178.8 26.7 40.1#
84 127.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.158 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

Tgt Ion: 65 Resp: 223527
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4

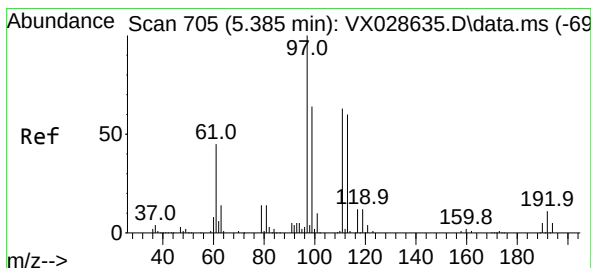
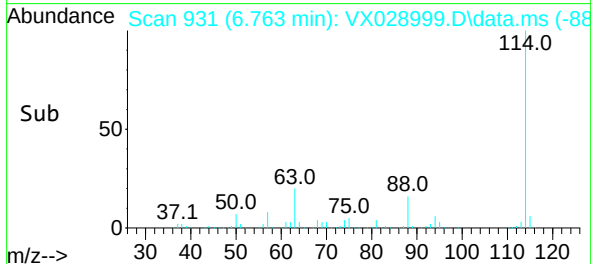
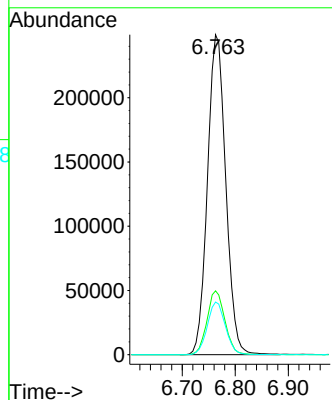
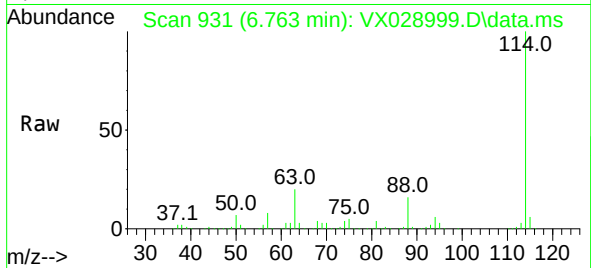




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

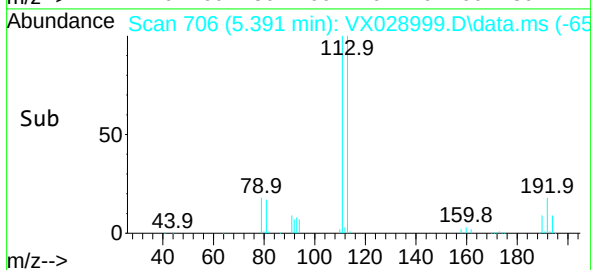
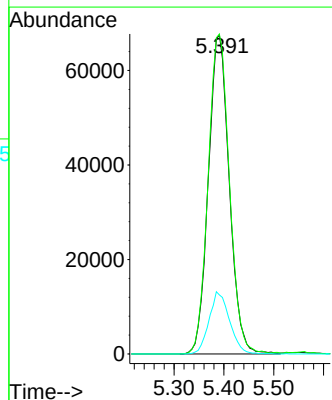
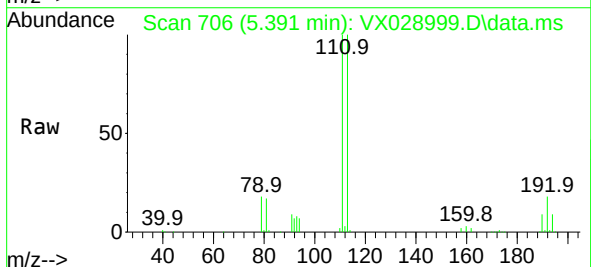
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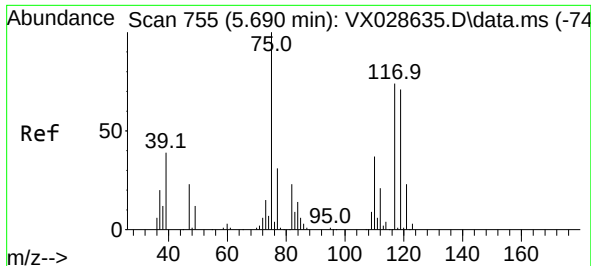
Tgt Ion:114 Resp: 596202
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.371 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

Tgt Ion:113 Resp: 196761
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 19.1 16.9 25.3

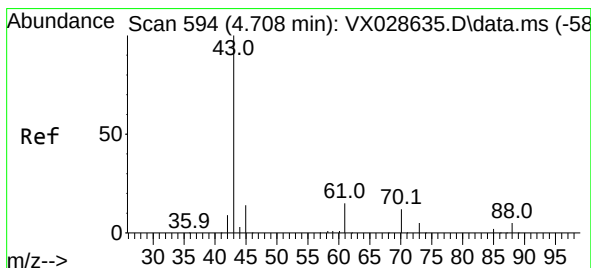
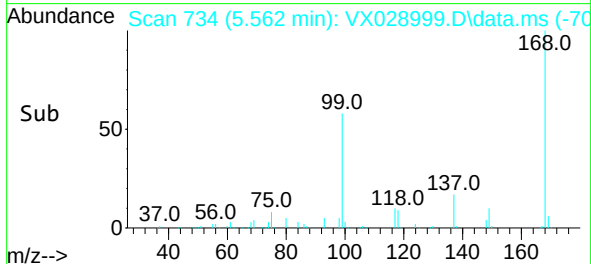
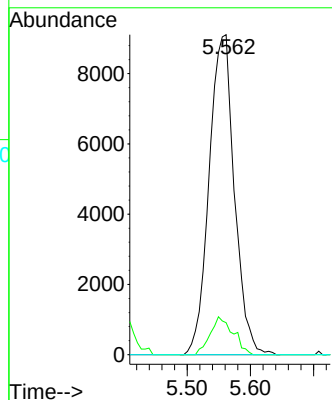
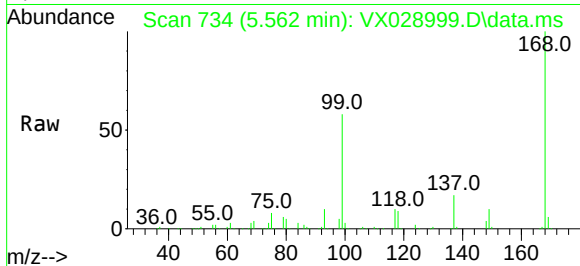




#36
1,1-Dichloropropene
Concen: 4.303 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

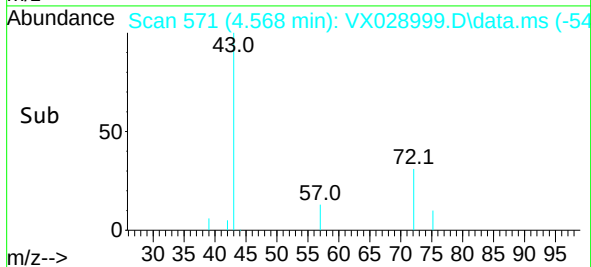
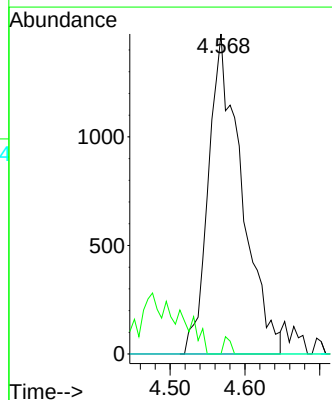
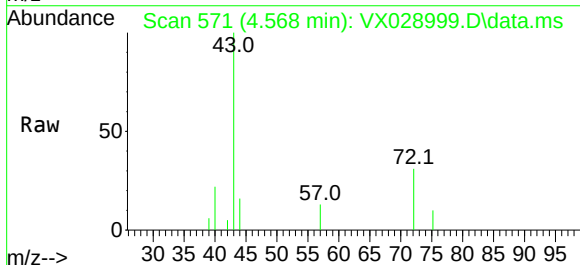
Instrument :
MSVOA_X
ClientSampleId :
RB03-20220520

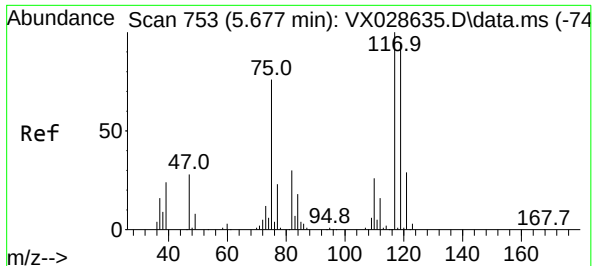
Tgt Ion: 75 Resp: 25248
Ion Ratio Lower Upper
75 100
110 10.8 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.742 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.140 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

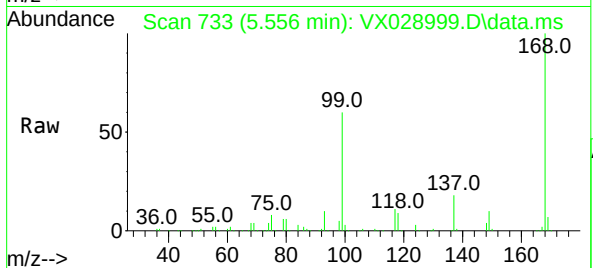
Tgt Ion: 43 Resp: 4547
Ion Ratio Lower Upper
43 100
61 1.1 12.6 19.0#
70 0.0 10.2 15.2#



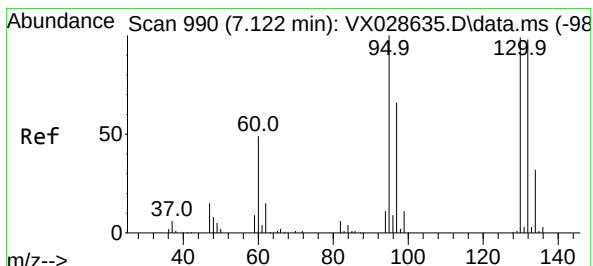
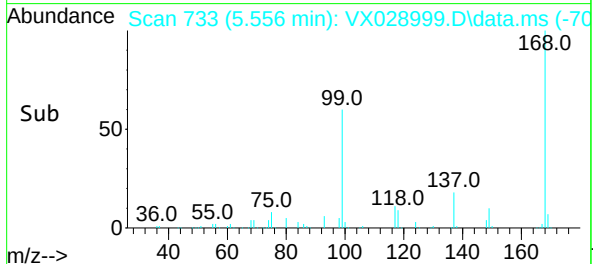
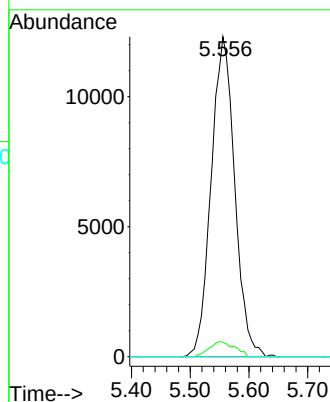


#38
Carbon Tetrachloride
Concen: 5.802 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

Instrument :
MSVOA_X
ClientSampleId :
RB03-20220520

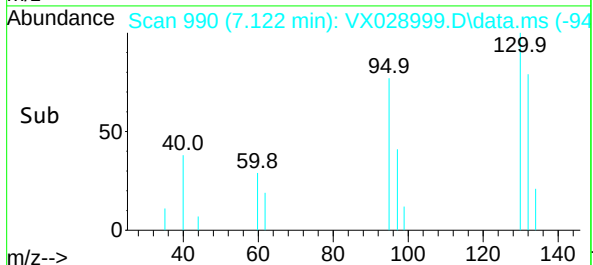
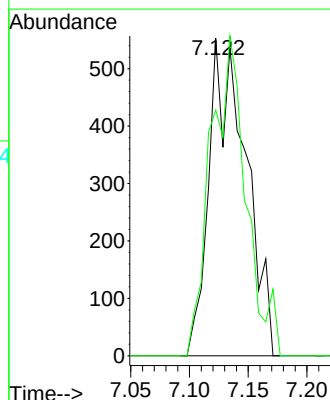
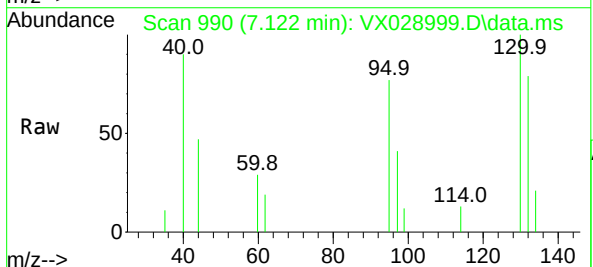


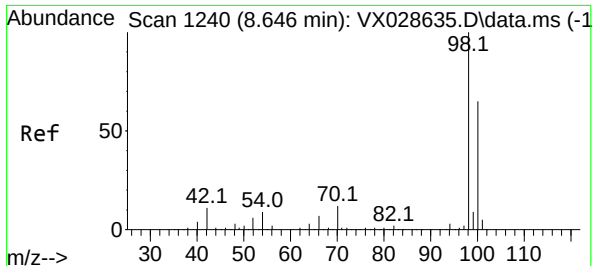
Tgt Ion:117 Resp: 34255
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.263 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX028999.D
Acq: 26 May 2022 15:15

Tgt Ion:130 Resp: 1201
Ion Ratio Lower Upper
130 100
95 77.4 0.0 188.8





#50

Toluene-d8

Concen: 48.286 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028999.D

Acq: 26 May 2022 15:15

Instrument :

MSVOA_X

ClientSampleId :

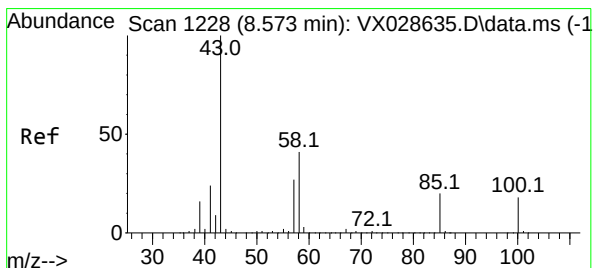
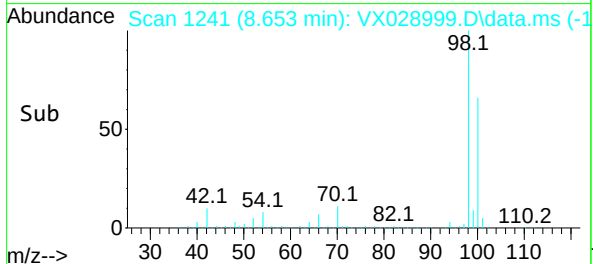
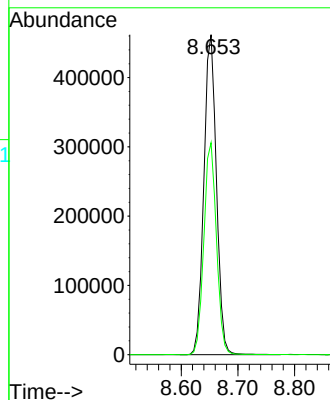
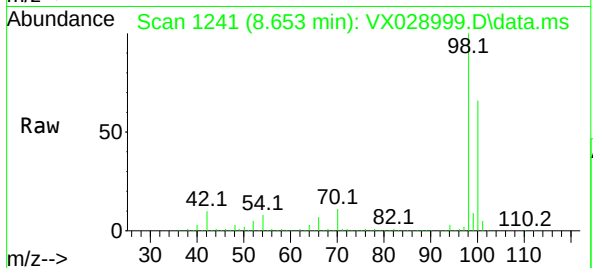
RB03-20220520

Tgt Ion: 98 Resp: 711124

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.263 ug/l

RT: 8.579 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX028999.D

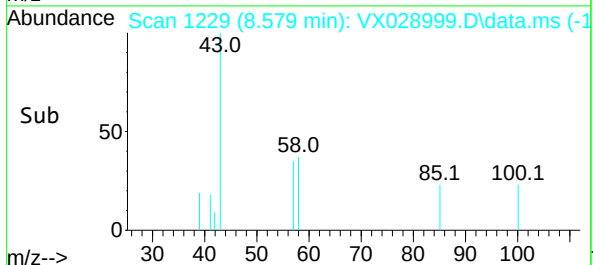
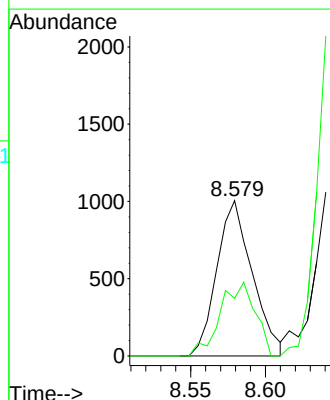
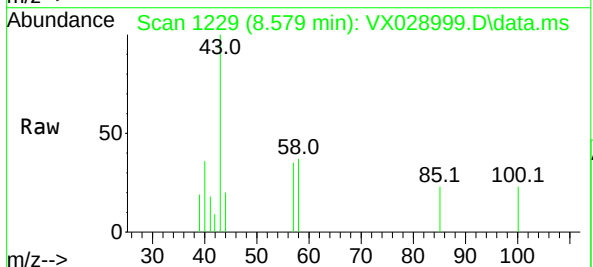
Acq: 26 May 2022 15:15

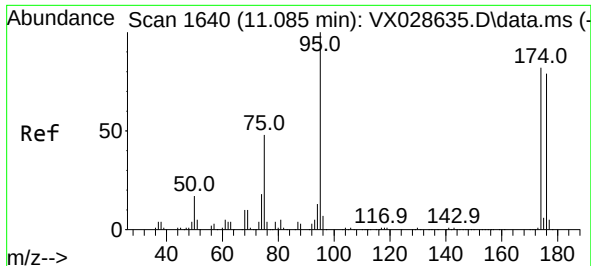
Tgt Ion: 43 Resp: 1660

Ion Ratio Lower Upper

43 100

58 46.8 36.1 54.1





#62

4-Bromofluorobenzene

Concen: 50.918 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX028999.D

Acq: 26 May 2022 15:15

Instrument :

MSVOA_X

ClientSampleId :

RB03-20220520

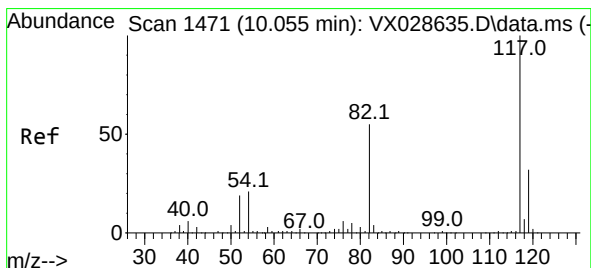
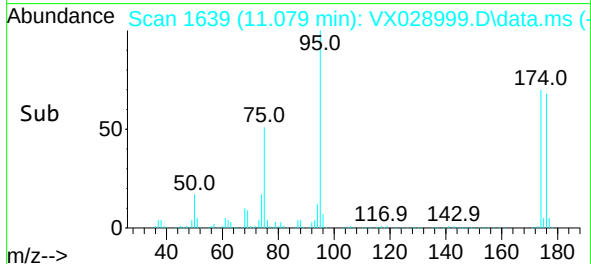
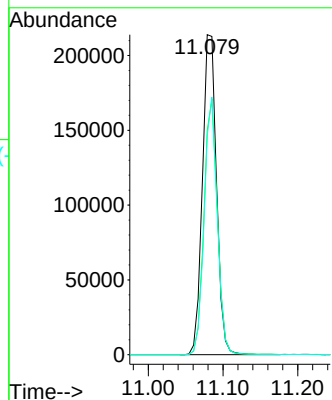
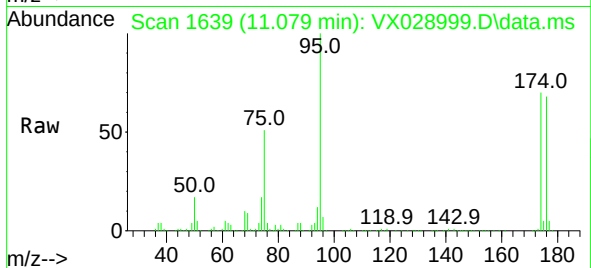
Tgt Ion: 95 Resp: 280084

Ion Ratio Lower Upper

95 100

174 76.2 0.0 163.0

176 74.5 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: VX028999.D

Acq: 26 May 2022 15:15

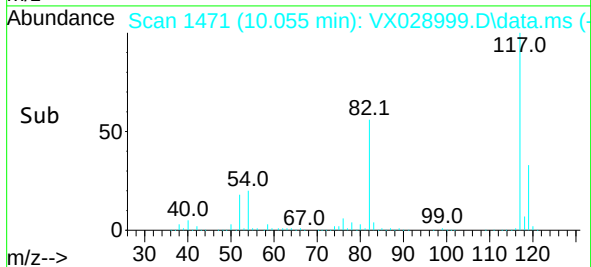
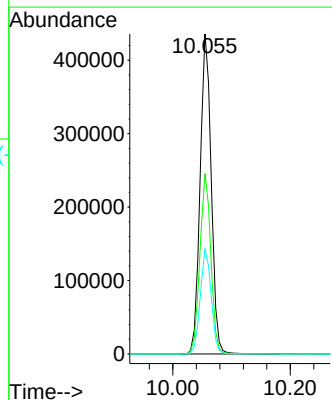
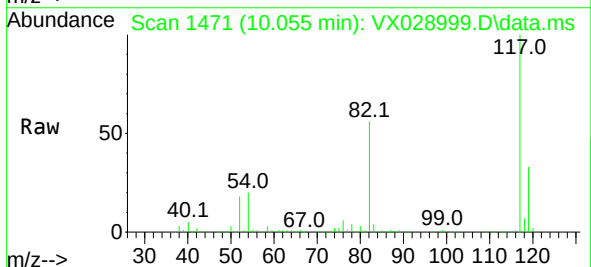
Tgt Ion: 117 Resp: 572064

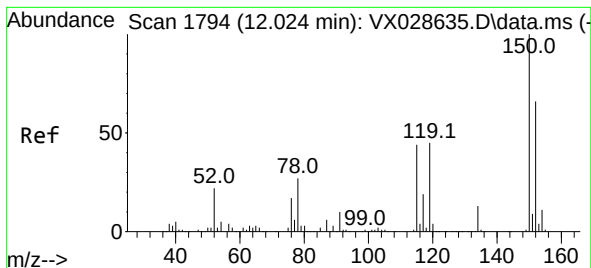
Ion Ratio Lower Upper

117 100

82 56.4 41.8 62.8

119 32.7 24.8 37.2

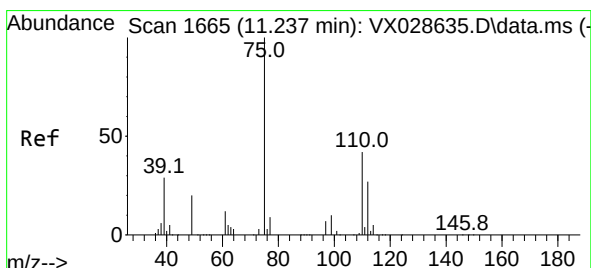
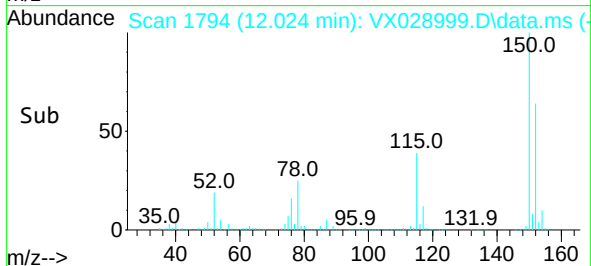
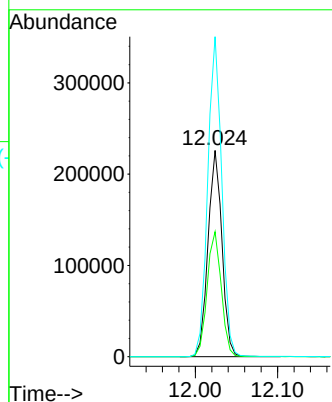
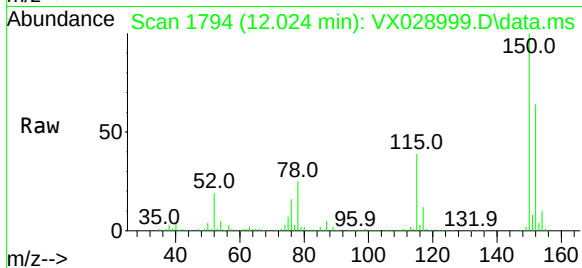




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX028999.D
 Acq: 26 May 2022 15:15

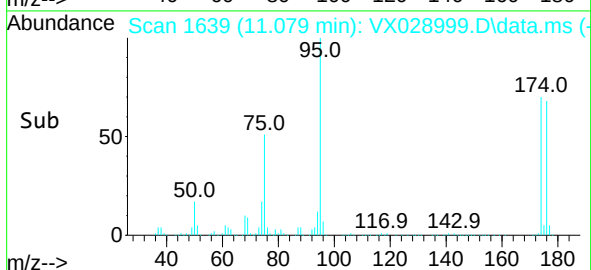
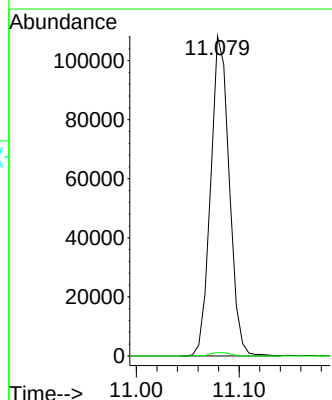
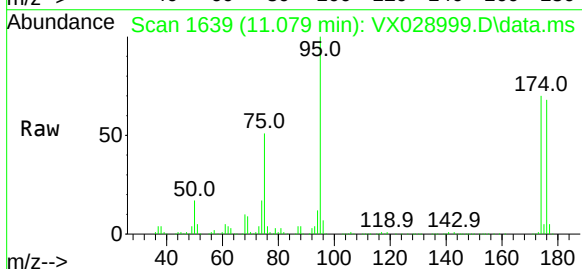
Instrument :
 MSVOA_X
 ClientSampleId :
 RB03-20220520

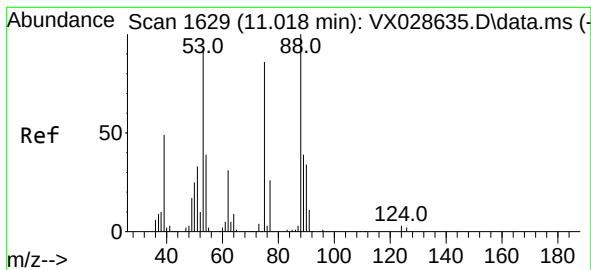
Tgt Ion:152 Resp: 265918
 Ion Ratio Lower Upper
 152 100
 115 61.4 37.5 112.7
 150 156.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 21.846 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028999.D
 Acq: 26 May 2022 15:15

Tgt Ion: 75 Resp: 136044
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.996 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028999.D
 Acq: 26 May 2022 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 RB03-20220520

Tgt Ion: 75 Resp: 136044
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

