

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031203.D
 Acq On : 08 Sep 2022 10:36
 Operator : JC/MD
 Sample : N4373-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20220825DL

Quant Time: Sep 08 14:00:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

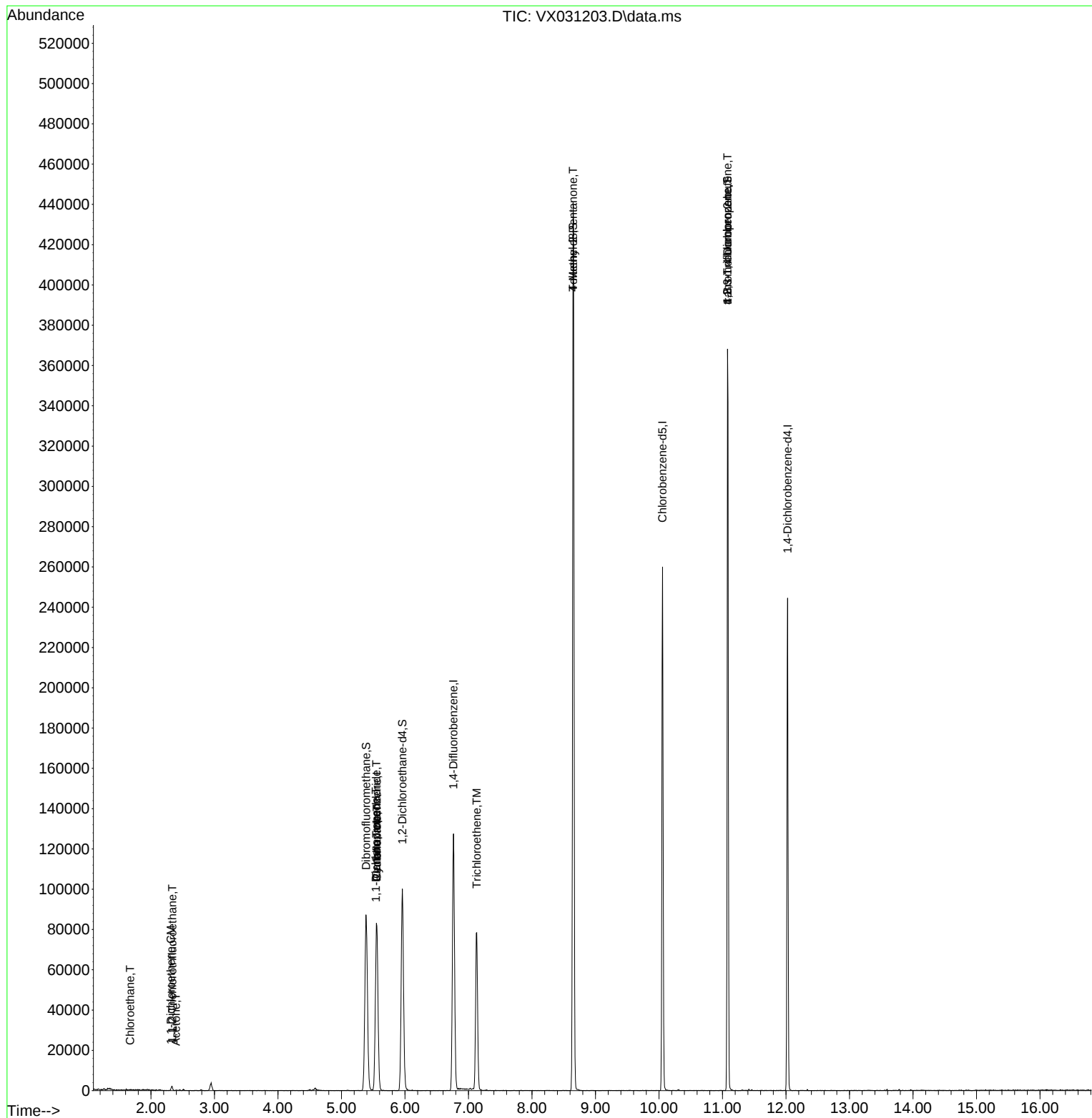
Internal Standards						
1) Pentafluorobenzene	5.556	168	67507	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	123842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108138	67.660	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 135.320%#	
35) Dibromofluoromethane	5.385	113	76373	56.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.180%	
50) Toluene-d8	8.647	98	265666	54.182	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.360%	
62) 4-Bromofluorobenzene	11.079	95	99738	55.507	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.020%	
Target Compounds						Qvalue
6) Chloroethane	1.673	64	113	0.205	ug/l	# 41
9) 1,1,2-Trichlorotrifluo...	2.337	101	816	0.673	ug/l	# 77
11) Tert butyl alcohol	2.947	59	2107	Below Cal	#	74
12) 1,1-Dichloroethene	2.313	96	242	0.212	ug/l	# 73
16) Acetone	2.392	43	234	0.423	ug/l	# 40
31) Cyclohexane	5.556	56	1982	1.110	ug/l	# 42
36) 1,1-Dichloropropene	5.544	75	6882	3.405	ug/l	# 44
38) Carbon Tetrachloride	5.550	117	8679	4.082	ug/l	# 19
44) Trichloroethene	7.129	130	29695	19.241	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	1131	0.653	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	55416	45.352	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	55416	146.256	ug/l	# 12

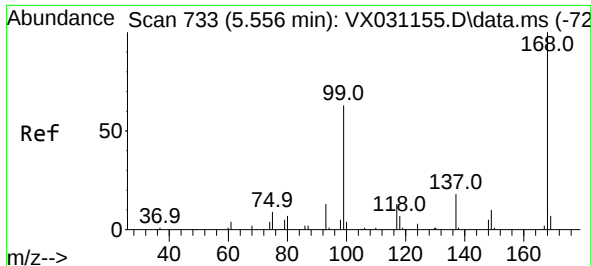
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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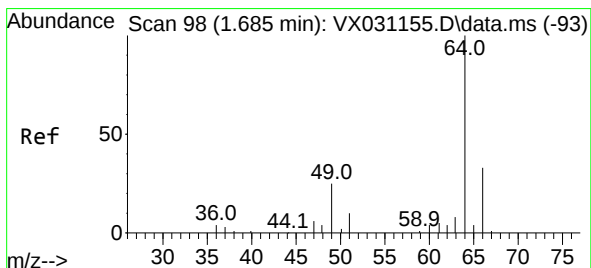
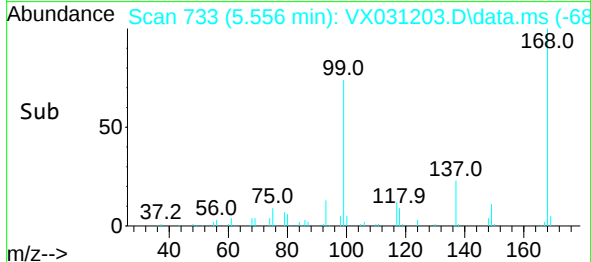
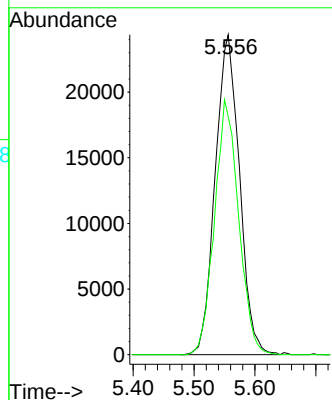
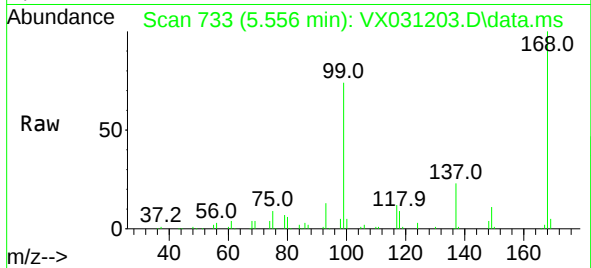




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VX031203.D
 Acq: 08 Sep 2022 10:36

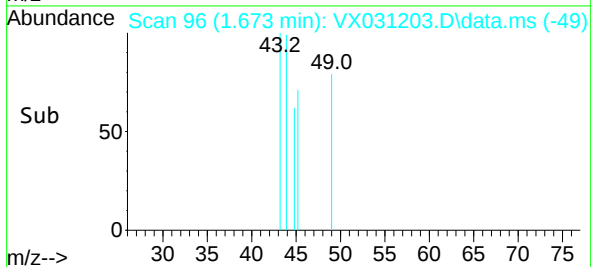
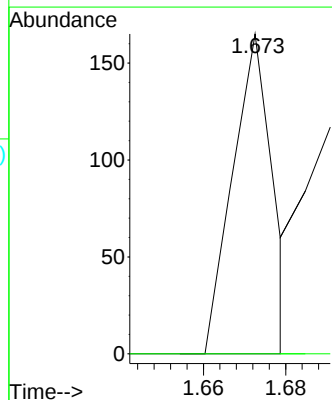
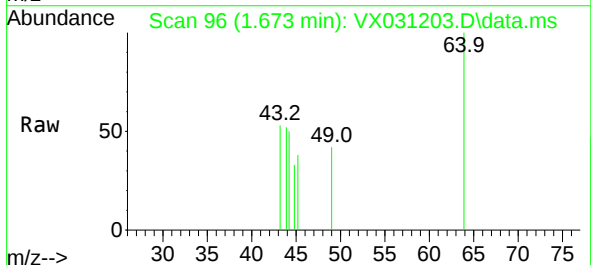
Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20220825DL

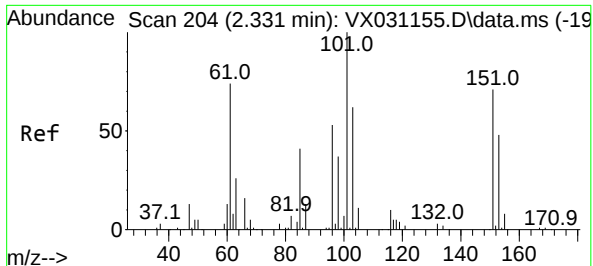
Tgt Ion:168 Resp: 67507
 Ion Ratio Lower Upper
 168 100
 99 74.4 44.0 66.0#



#6
 Chloroethane
 Concen: 0.205 ug/l
 RT: 1.673 min Scan# 96
 Delta R.T. -0.012 min
 Lab File: VX031203.D
 Acq: 08 Sep 2022 10:36

Tgt Ion: 64 Resp: 113
 Ion Ratio Lower Upper
 64 100
 66 0.0 27.2 40.8#

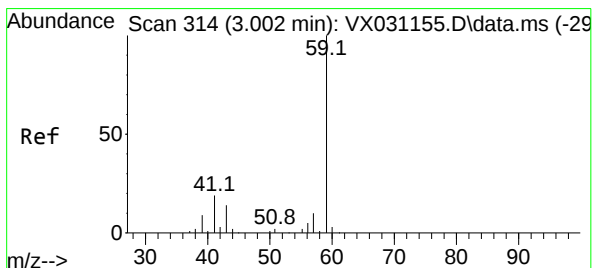
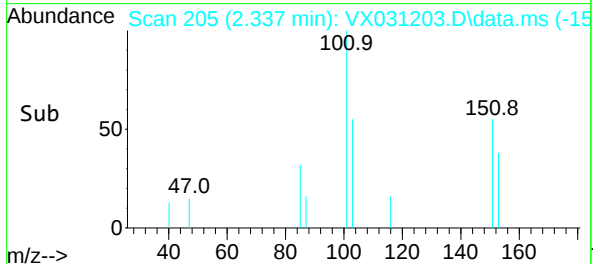
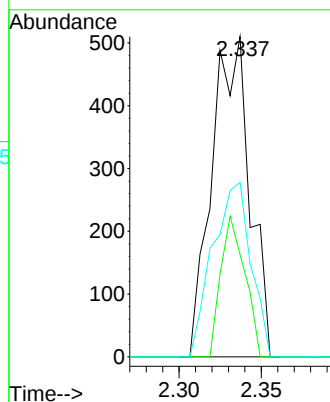
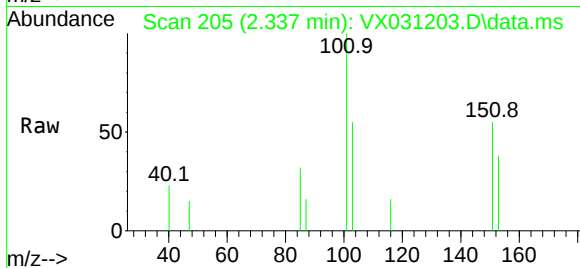




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.673 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

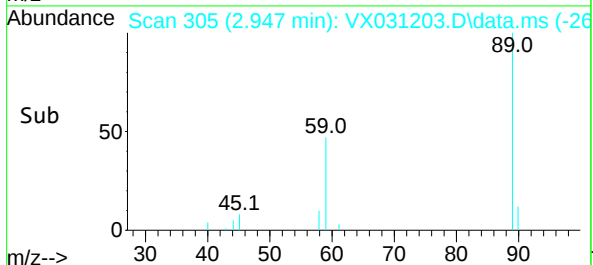
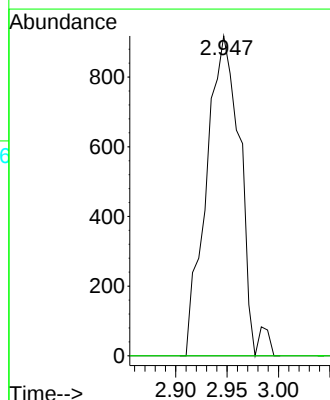
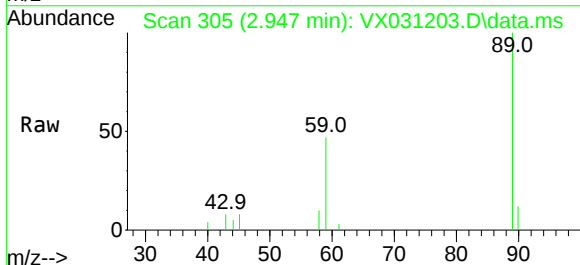
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220825DL

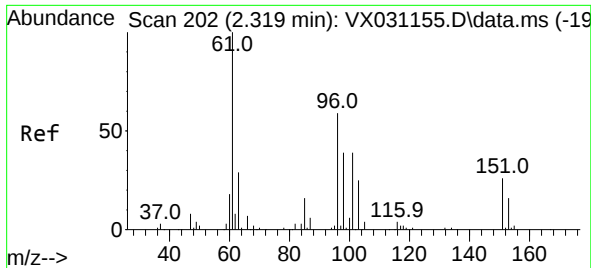
Tgt Ion:101 Resp: 816
Ion Ratio Lower Upper
101 100
85 27.8 34.0 51.0#
151 54.9 59.4 89.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

Tgt Ion: 59 Resp: 2107
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#12

1,1-Dichloroethene

Concen: 0.212 ug/l

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX031203.D

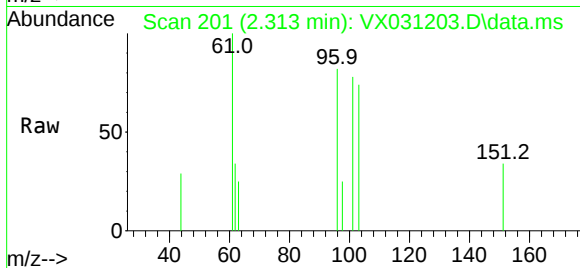
Acq: 08 Sep 2022 10:36

Instrument :

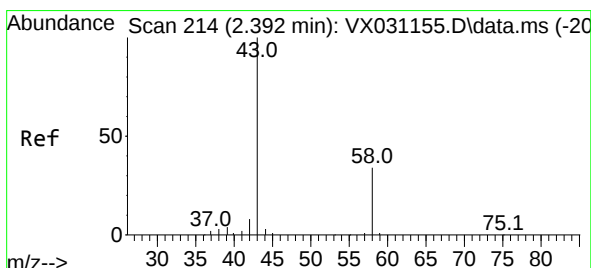
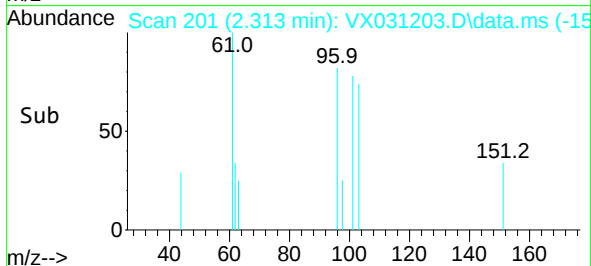
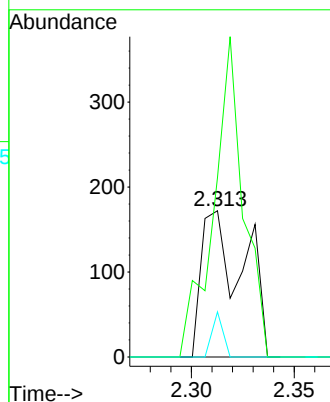
MSVOA_X

ClientSampleId :

RE114D1-20220825DL



Tgt Ion:	96	Resp:	242
Ion	Ratio	Lower	Upper
96	100		
61	122.7	117.4	176.0
98	30.8	52.2	78.4#



#16

Acetone

Concen: 0.423 ug/l

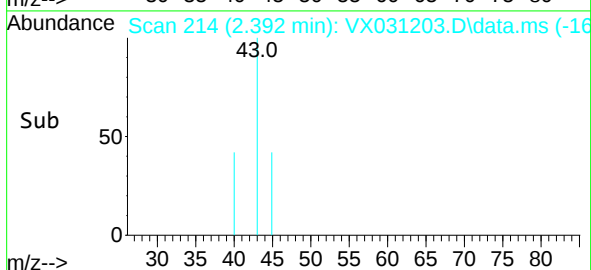
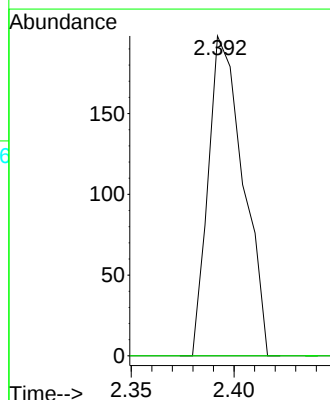
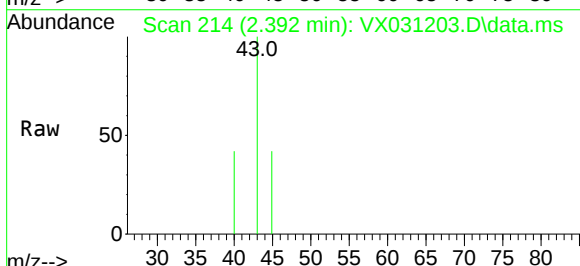
RT: 2.392 min Scan# 214

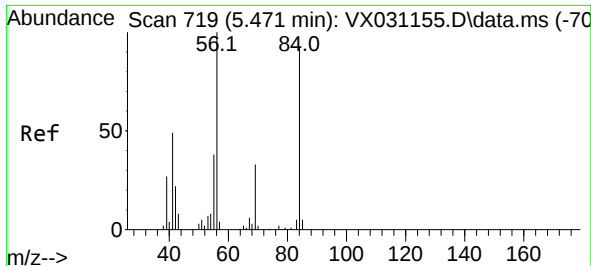
Delta R.T. 0.000 min

Lab File: VX031203.D

Acq: 08 Sep 2022 10:36

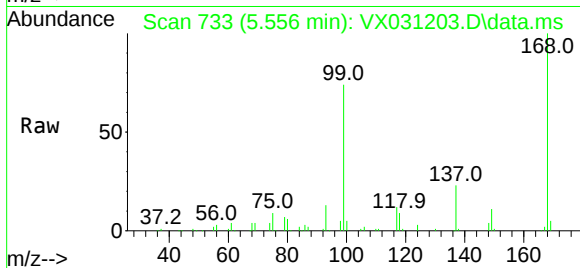
Tgt Ion:	43	Resp:	234
Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.7	41.5#



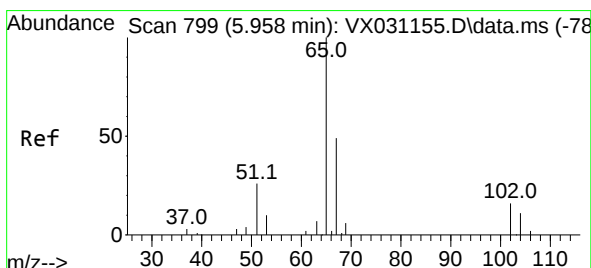
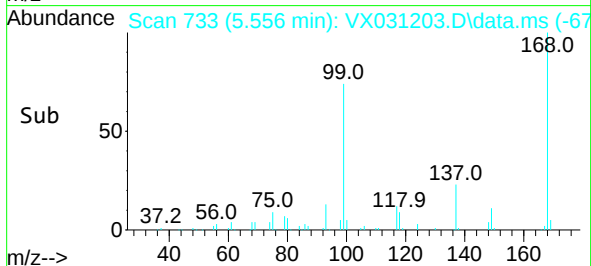
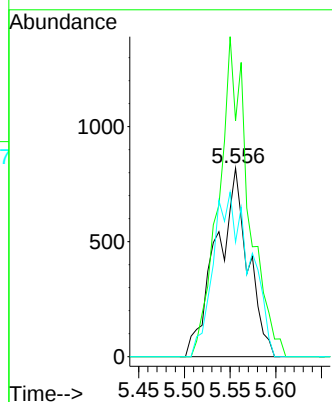


#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

Instrument :
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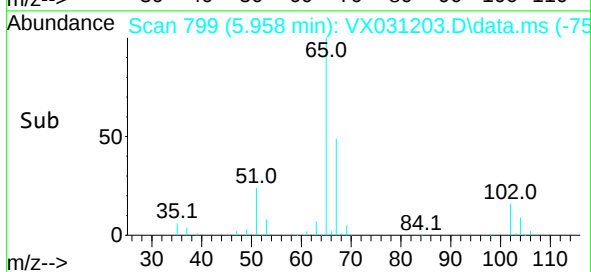
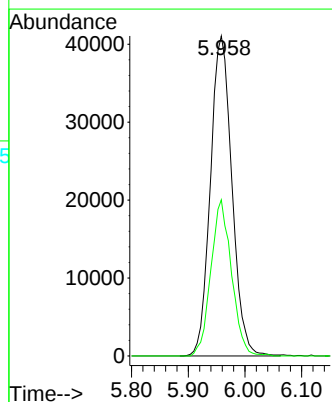
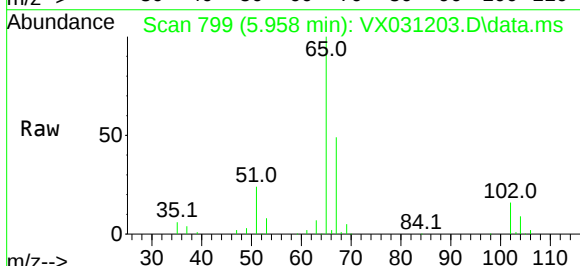


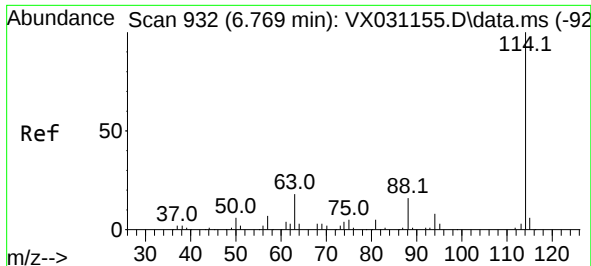
Tgt Ion: 56 Resp: 1982
Ion Ratio Lower Upper
56 100
69 125.2 25.4 38.0#
84 70.2 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 67.660 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

Tgt Ion: 65 Resp: 108138
Ion Ratio Lower Upper
65 100
67 46.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX031203.D

Acq: 08 Sep 2022 10:36

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20220825DL

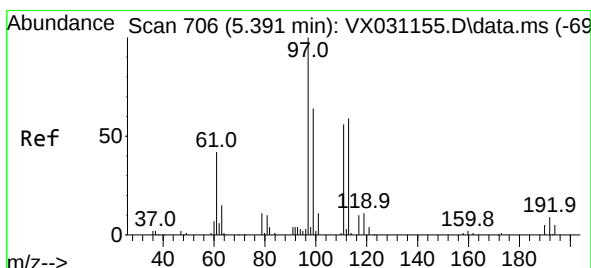
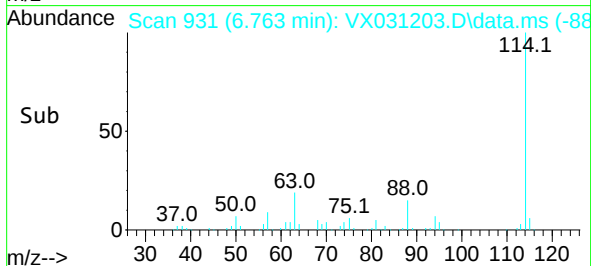
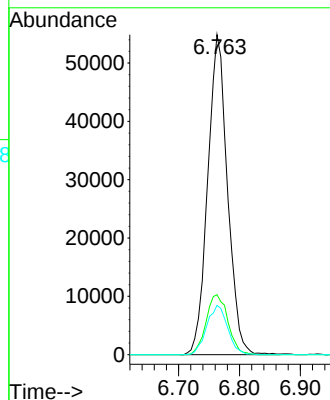
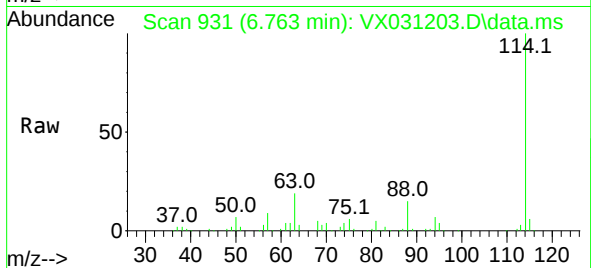
Tgt Ion:114 Resp: 123842

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.592 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031203.D

Acq: 08 Sep 2022 10:36

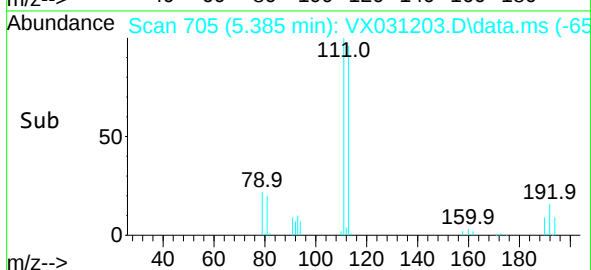
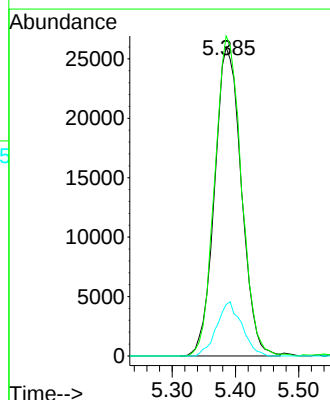
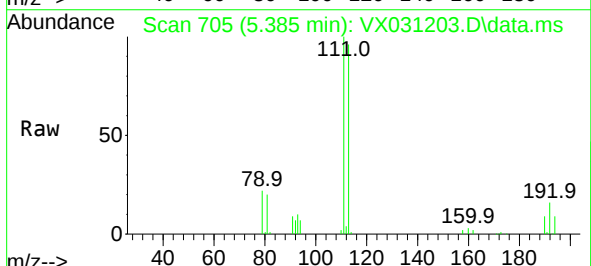
Tgt Ion:113 Resp: 76373

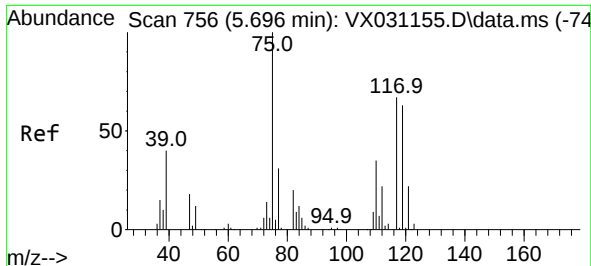
Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

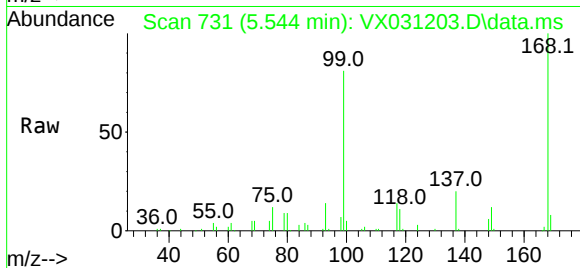
192 16.5 14.8 22.2



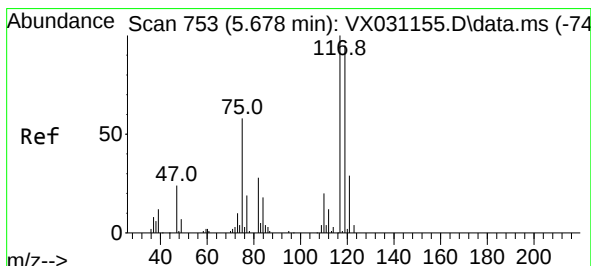
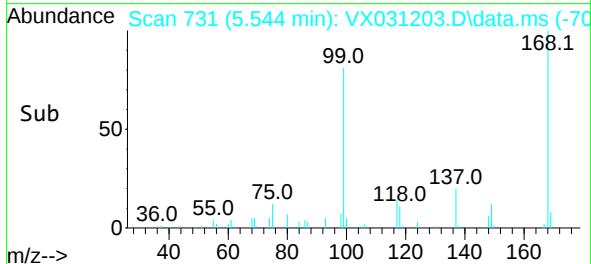
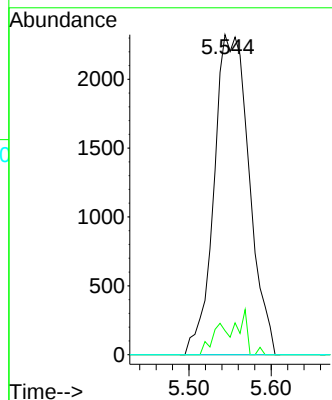


#36
1,1-Dichloropropene
Concen: 3.405 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

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ClientSampleId :
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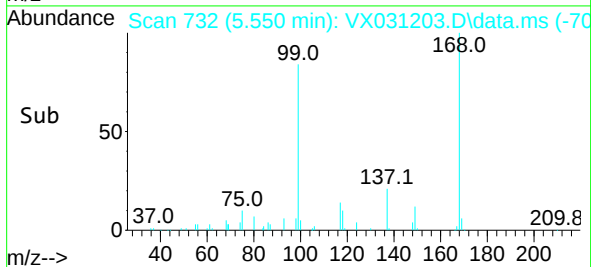
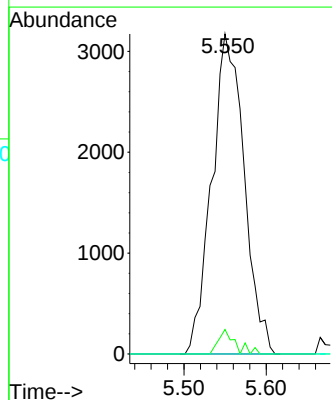
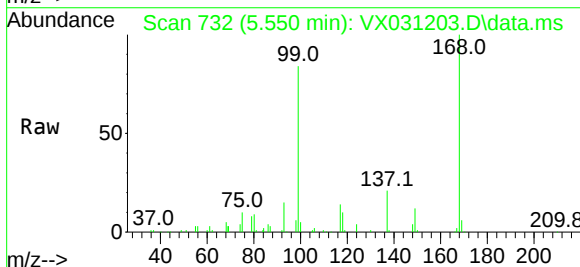


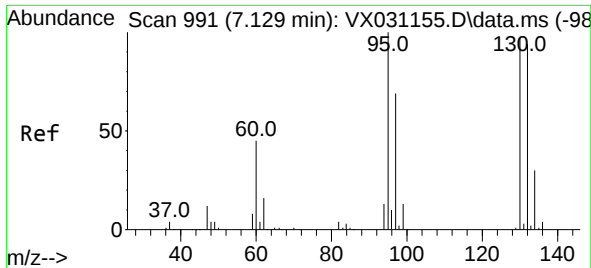
Tgt Ion: 75 Resp: 6882
Ion Ratio Lower Upper
75 100
110 4.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.082 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

Tgt Ion: 117 Resp: 8679
Ion Ratio Lower Upper
117 100
119 7.7 74.1 111.1#
121 0.0 25.8 38.8#

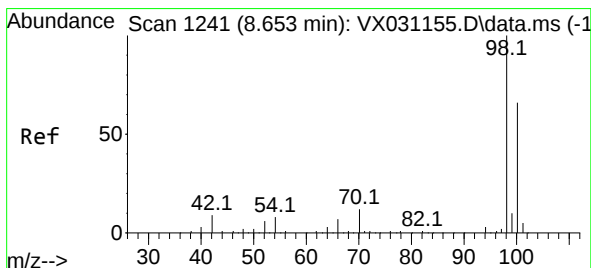
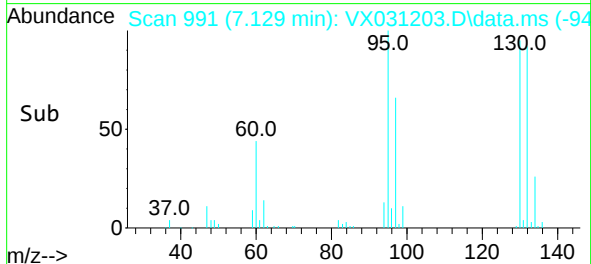
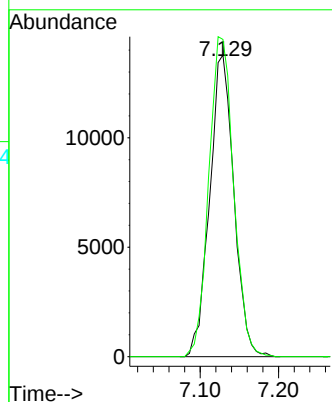
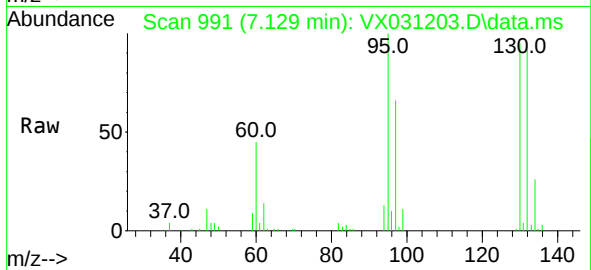




#44
Trichloroethene
Concen: 19.241 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

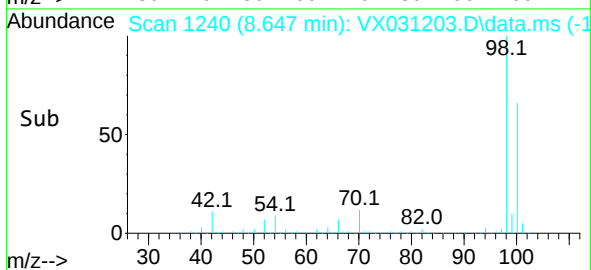
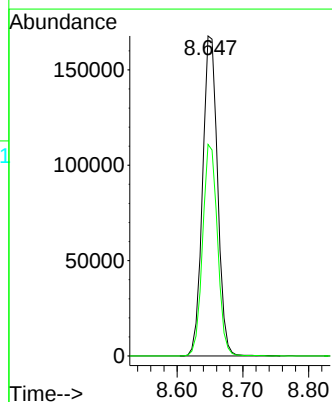
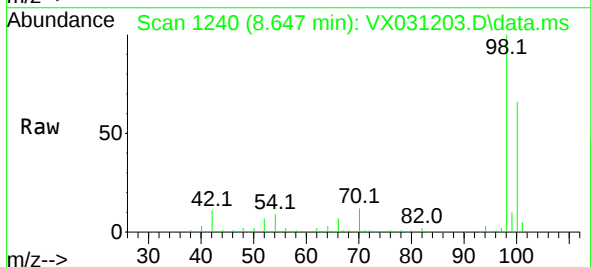
Instrument :
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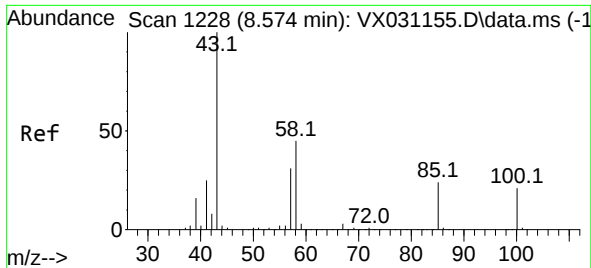
Tgt Ion:130 Resp: 29695
Ion Ratio Lower Upper
130 100
95 105.2 0.0 194.8



#50
Toluene-d8
Concen: 54.182 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

Tgt Ion: 98 Resp: 265666
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

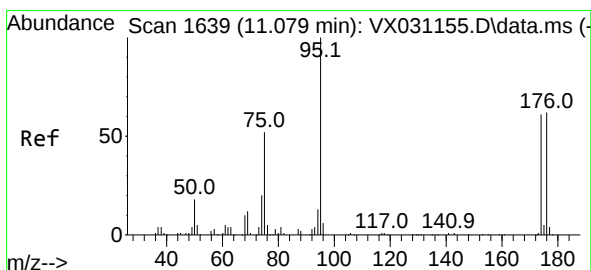
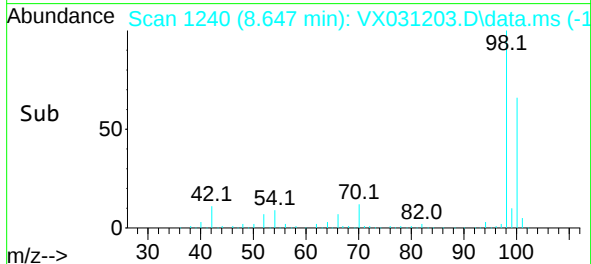
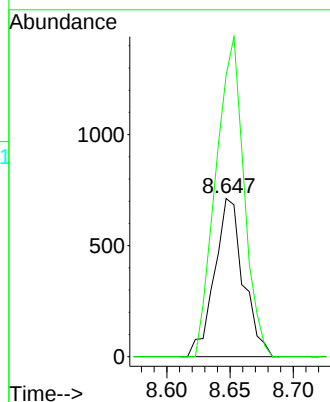
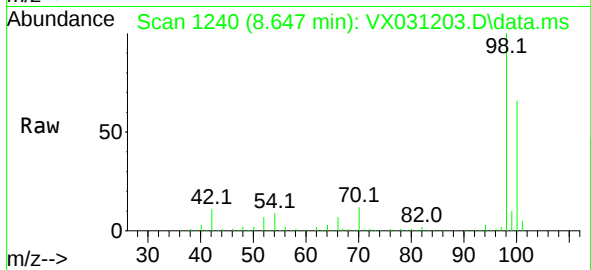




#51
4-Methyl-2-Pentanone
Concen: 0.653 ug/l
RT: 8.647 min Scan# 1131
Delta R.T. 0.073 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

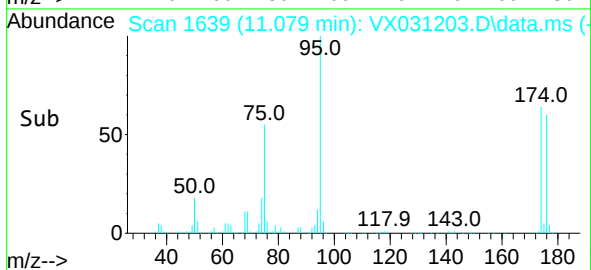
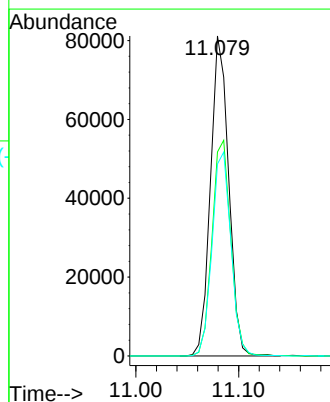
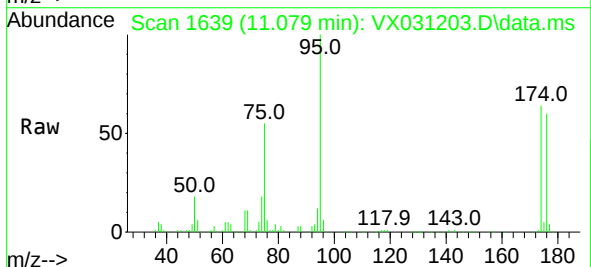
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220825DL

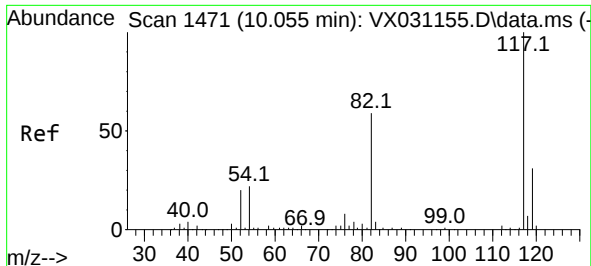
Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
58 196.8 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 55.507 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

Tgt Ion: 95 Resp: 99738
Ion Ratio Lower Upper
95 100
174 69.6 0.0 149.0
176 66.1 0.0 146.0

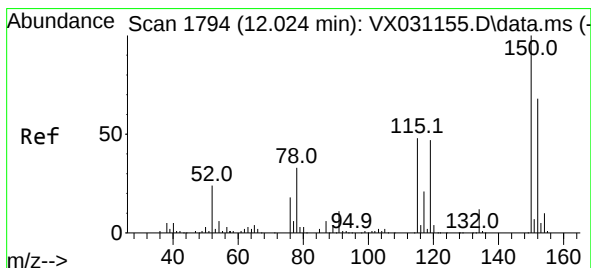
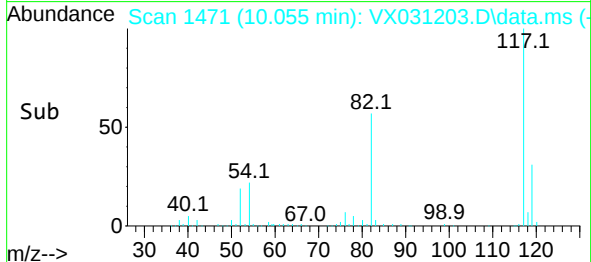
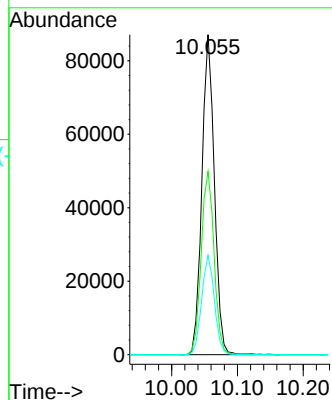
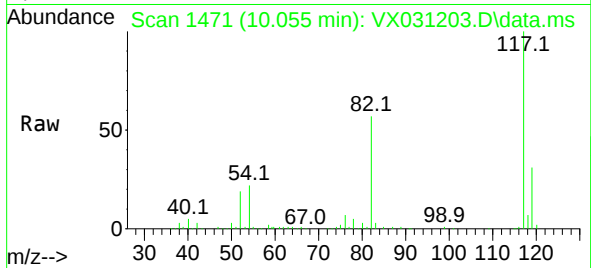




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

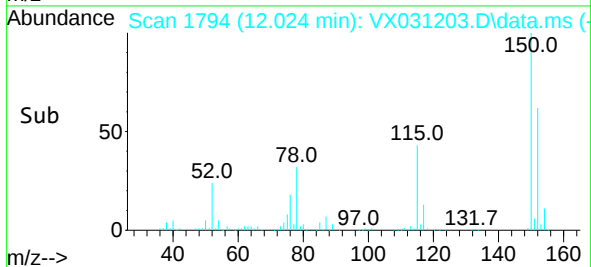
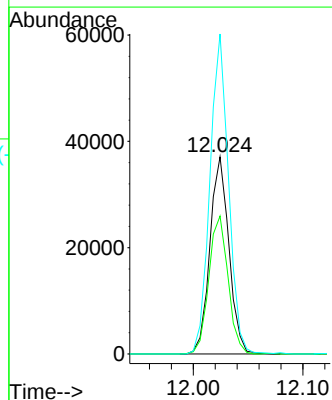
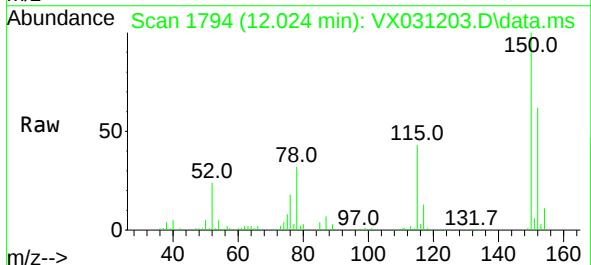
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220825DL

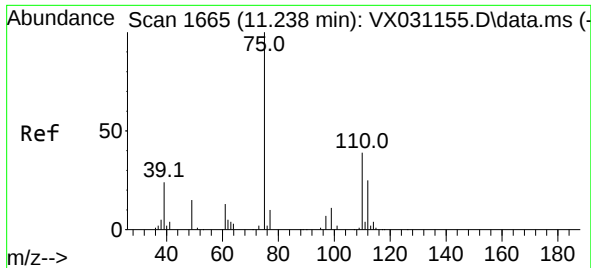
Tgt Ion:117 Resp: 114540
Ion Ratio Lower Upper
117 100
82 57.3 42.7 64.1
119 31.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

Tgt Ion:152 Resp: 44772
Ion Ratio Lower Upper
152 100
115 70.7 40.5 121.5
150 158.7 0.0 347.0

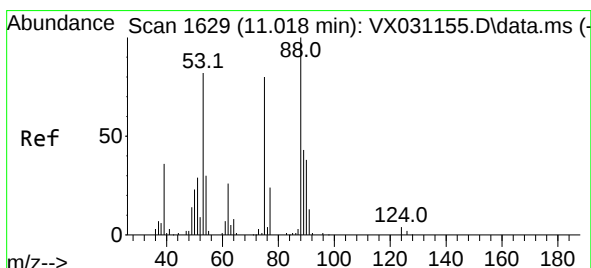
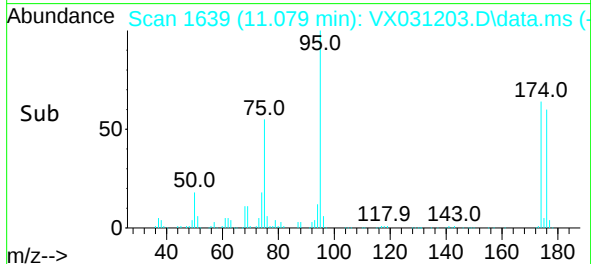
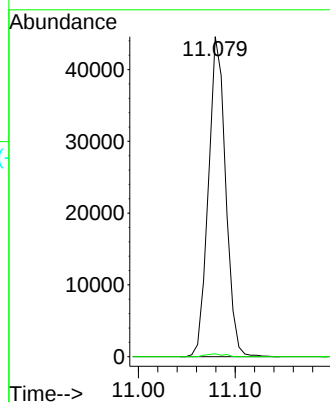
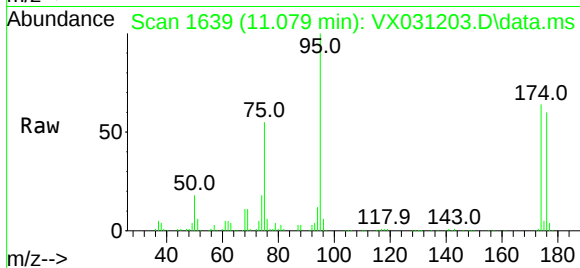




#76
1,2,3-Trichloropropane
Concen: 45.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220825DL

Tgt Ion: 75 Resp: 55416
Ion Ratio Lower Upper
75 100
77 1.0 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 146.256 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031203.D
Acq: 08 Sep 2022 10:36

Tgt Ion: 75 Resp: 55416
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

