

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031175.D
 Acq On : 07 Sep 2022 21:33
 Operator : JC/MD
 Sample : N4357-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20220823RE

Quant Time: Sep 07 23:27:29 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)

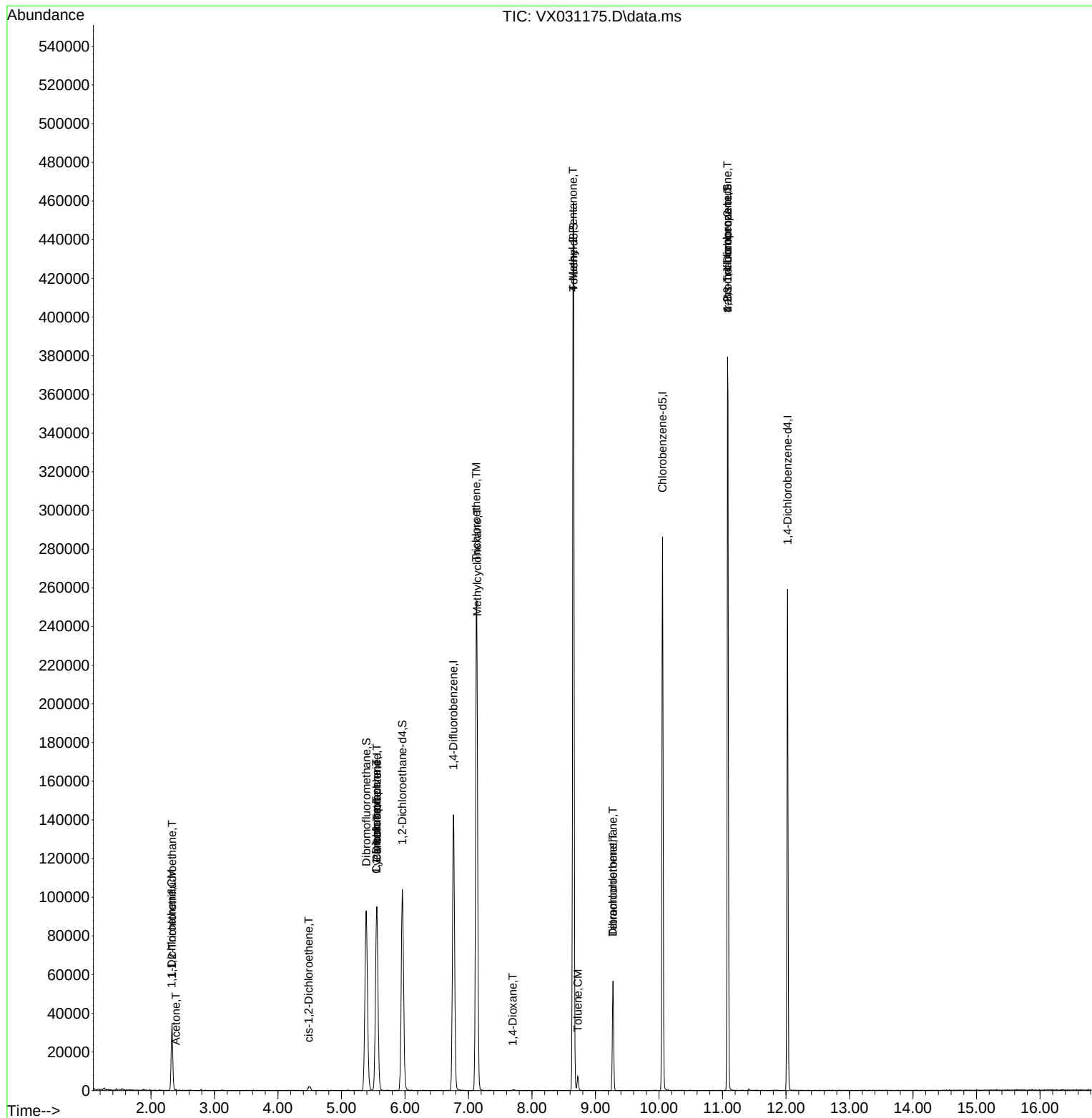
Internal Standards						
1) Pentafluorobenzene	5.556	168	81653	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	144484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106751	55.221	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.440%	
35) Dibromofluoromethane	5.391	113	82274	52.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.500%	
50) Toluene-d8	8.653	98	281357	49.184	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	11.079	95	107854	51.448	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.900%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	13485	9.194	ug/l	100
12) 1,1-Dichloroethene	2.325	96	379	0.275	ug/l	# 45
16) Acetone	2.392	43	431	0.644	ug/l	# 82
27) cis-1,2-Dichloroethene	4.483	96	1746	0.996	ug/l	86
31) Cyclohexane	5.550	56	1838	0.851	ug/l	# 16
36) 1,1-Dichloropropene	5.550	75	7361	3.122	ug/l	# 47
38) Carbon Tetrachloride	5.556	117	9898	3.990	ug/l	# 17
39) Methylcyclohexane	7.135	83	1481	0.550	ug/l	# 1
44) Trichloroethene	7.123	130	99014	54.992	ug/l	94
49) 1,4-Dioxane	7.696	88	585	13.195	ug/l	# 44
51) 4-Methyl-2-Pentanone	8.647	43	1140	0.564	ug/l	# 1
52) Toluene	8.720	92	2773	0.656	ug/l	86
60) Dibromochloromethane	9.275	129	10112	5.647	ug/l	# 11
64) Tetrachloroethene	9.275	164	9019	6.879	ug/l	# 87
76) 1,2,3-Trichloropropane	11.079	75	57113	39.986	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	57113	128.950	ug/l	# 12

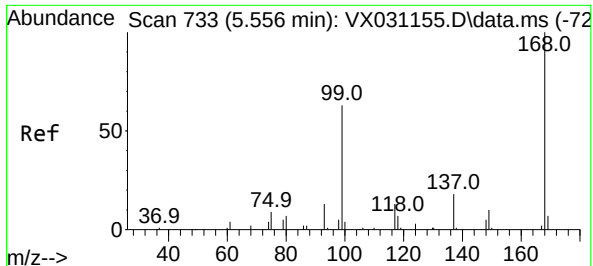
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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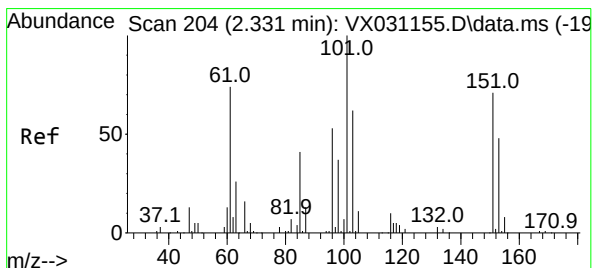
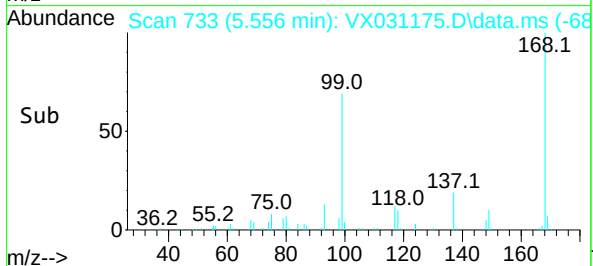
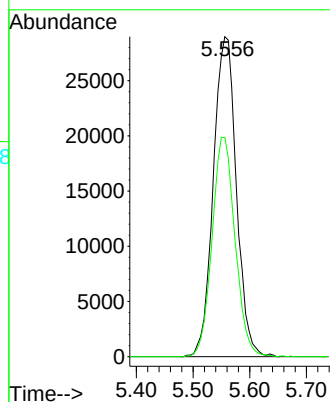
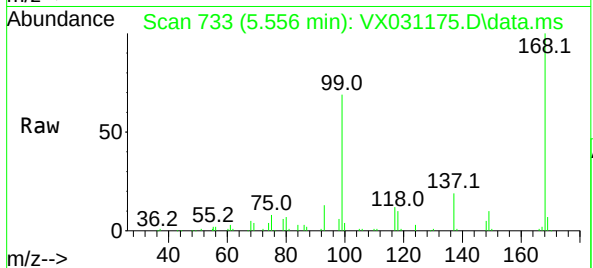




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

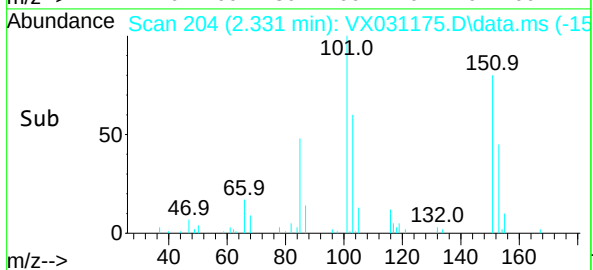
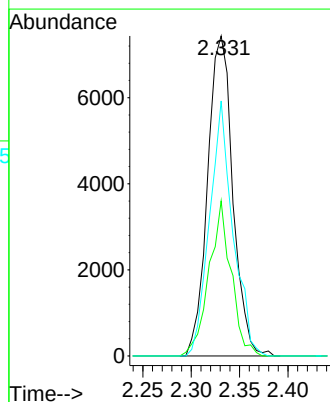
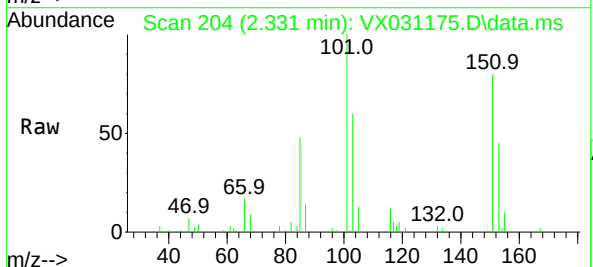
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220823RE

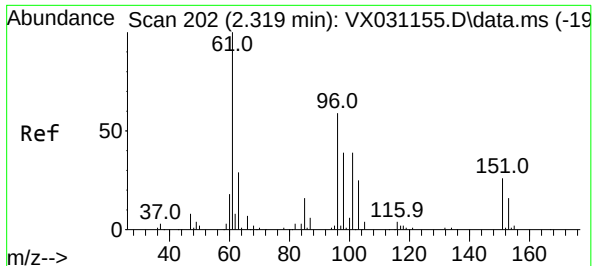
Tgt Ion:168 Resp: 81653
Ion Ratio Lower Upper
168 100
99 68.5 44.0 66.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.194 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

Tgt Ion:101 Resp: 13485
Ion Ratio Lower Upper
101 100
85 42.5 34.0 51.0
151 74.1 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.275 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX031175.D

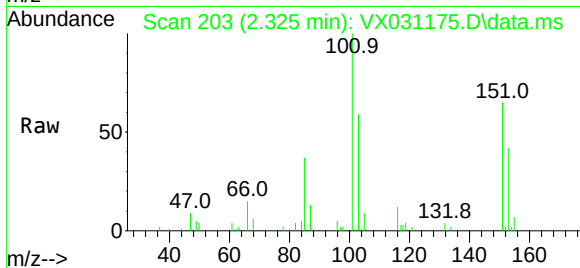
Acq: 07 Sep 2022 21:33

Instrument :

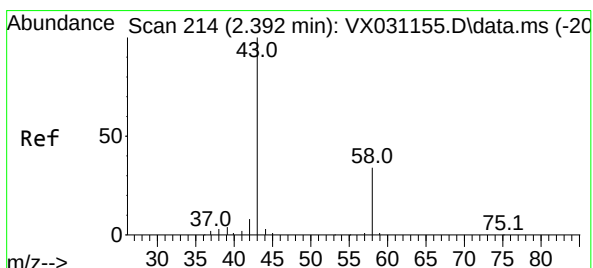
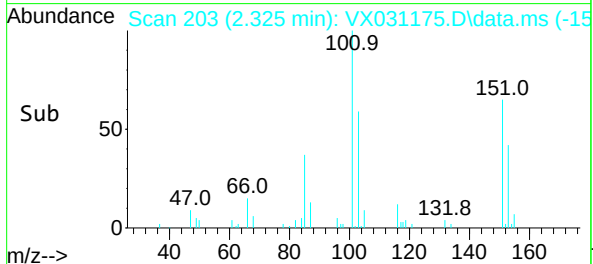
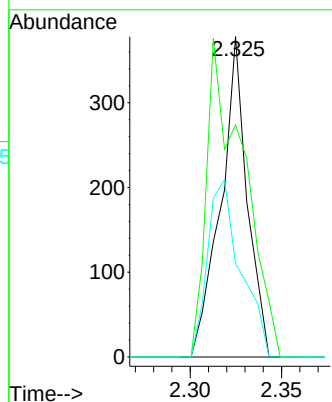
MSVOA_X

ClientSampleId :

RE134D2-20220823RE



Tgt Ion:	96	Resp:	379
Ion	Ratio	Lower	Upper
96	100		
61	72.5	117.4	176.0#
98	29.1	52.2	78.4#



#16

Acetone

Concen: 0.644 ug/l

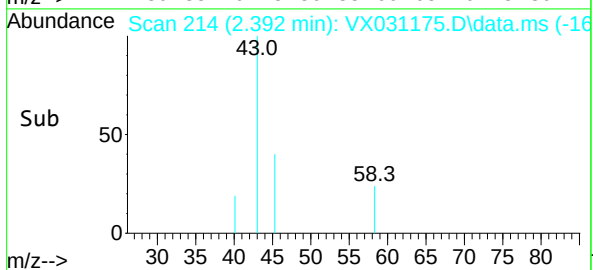
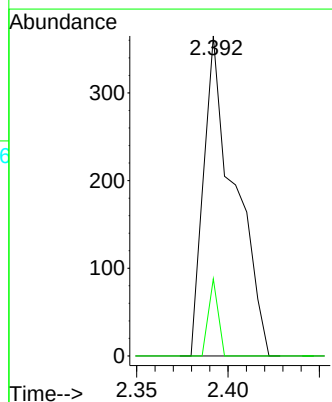
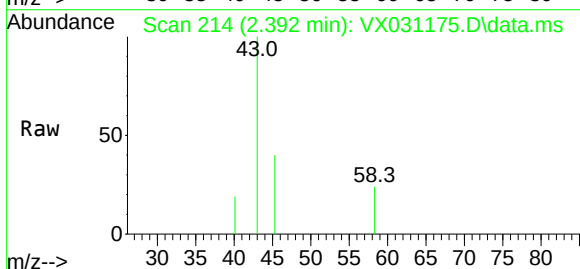
RT: 2.392 min Scan# 214

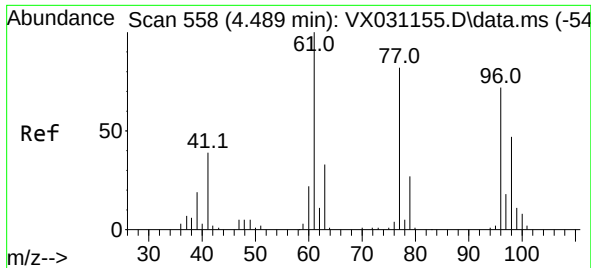
Delta R.T. 0.000 min

Lab File: VX031175.D

Acq: 07 Sep 2022 21:33

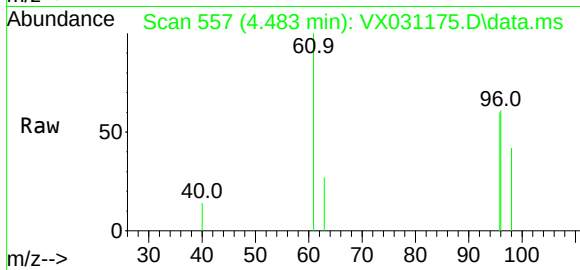
Tgt Ion:	43	Resp:	431
Ion	Ratio	Lower	Upper
43	100		
58	24.1	27.7	41.5#



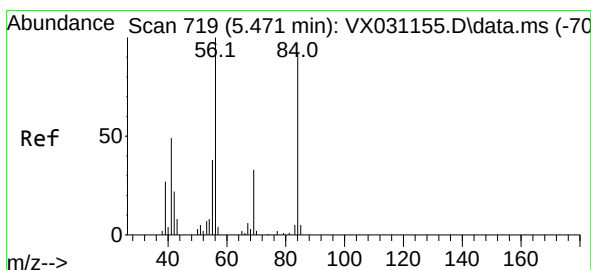
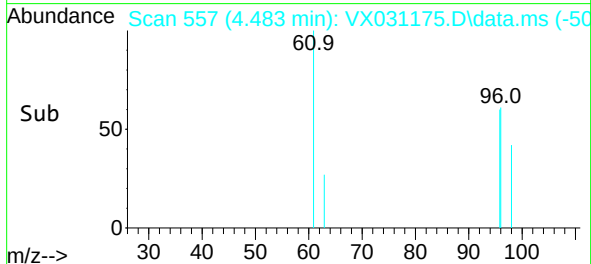
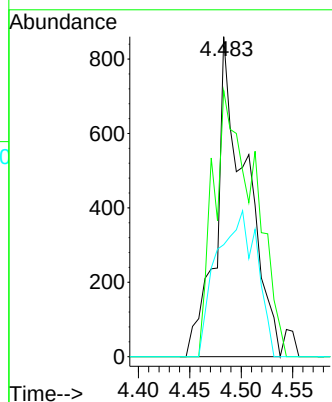


#27
 cis-1,2-Dichloroethene
 Concen: 0.996 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX031175.D
 Acq: 07 Sep 2022 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20220823RE

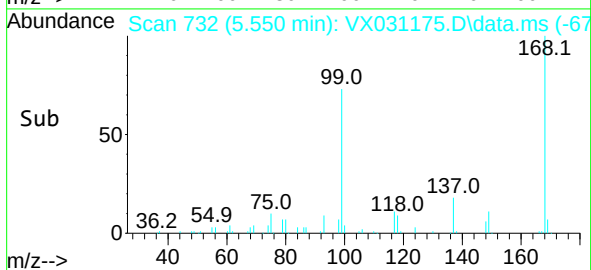
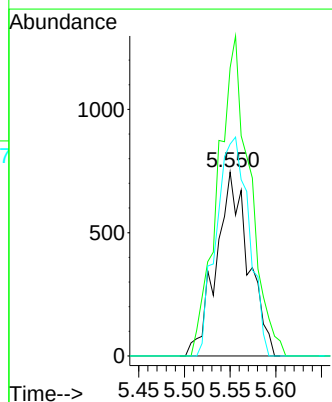
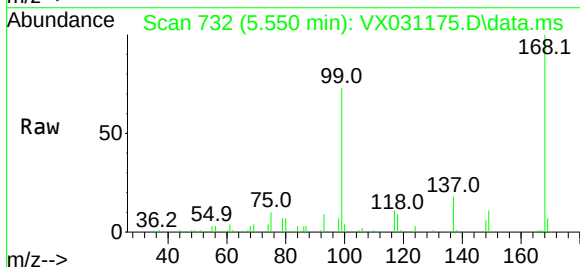


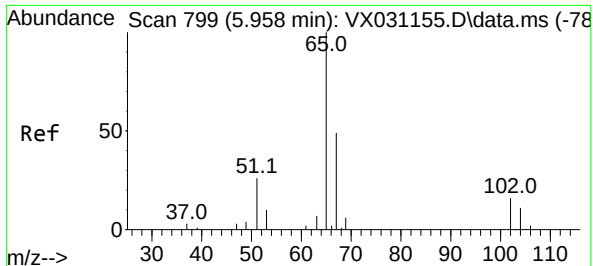
Tgt Ion:	96	Resp:	1746
Ion	Ratio	Lower	Upper
96	100		
61	112.8	0.0	270.0
98	60.8	0.0	127.8



#31
 Cyclohexane
 Concen: 0.851 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX031175.D
 Acq: 07 Sep 2022 21:33

Tgt Ion:	56	Resp:	1838
Ion	Ratio	Lower	Upper
56	100		
69	156.7	25.4	38.0#
84	115.1	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 55.221 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031175.D

Acq: 07 Sep 2022 21:33

Instrument :

MSVOA_X

ClientSampleId :

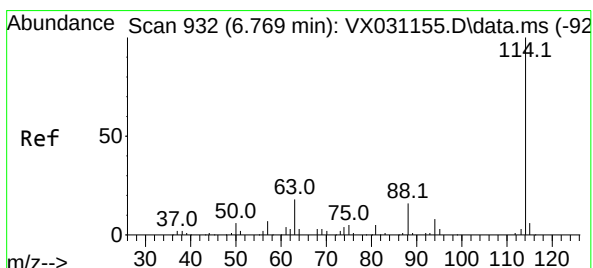
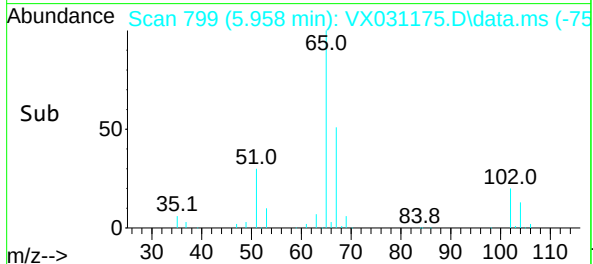
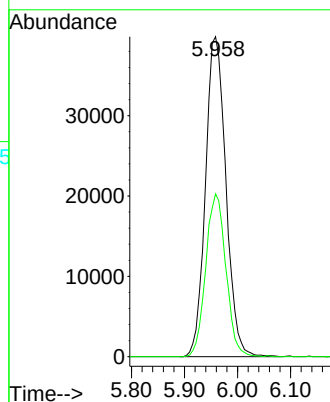
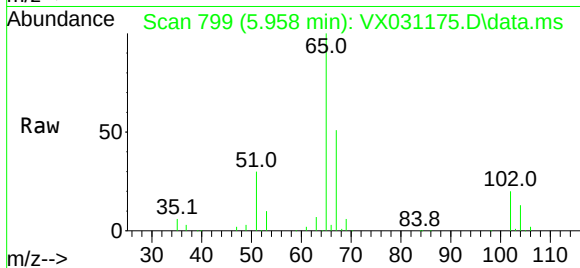
RE134D2-20220823RE

Tgt Ion: 65 Resp: 106751

Ion Ratio Lower Upper

65 100

67 50.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031175.D

Acq: 07 Sep 2022 21:33

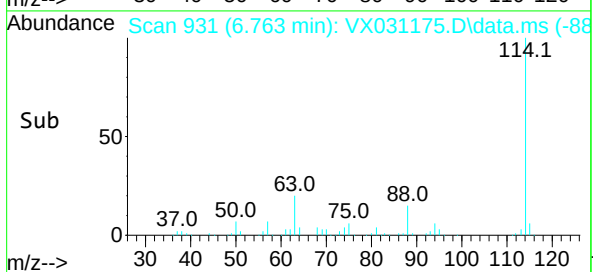
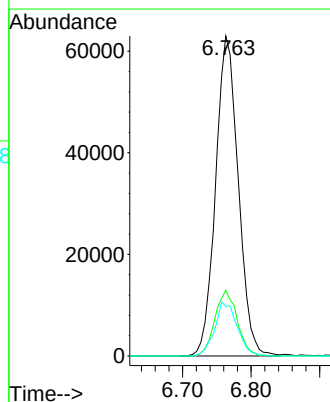
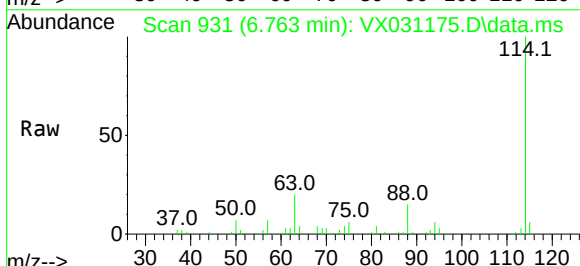
Tgt Ion: 114 Resp: 144484

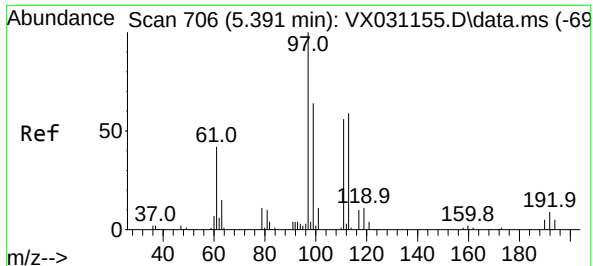
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.4

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.255 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031175.D

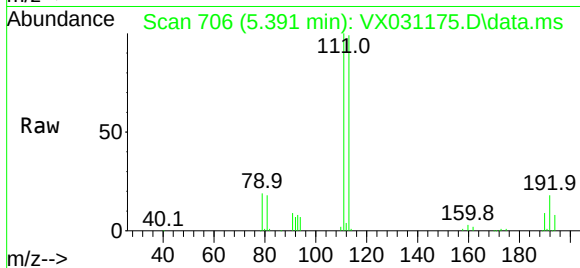
Acq: 07 Sep 2022 21:33

Instrument :

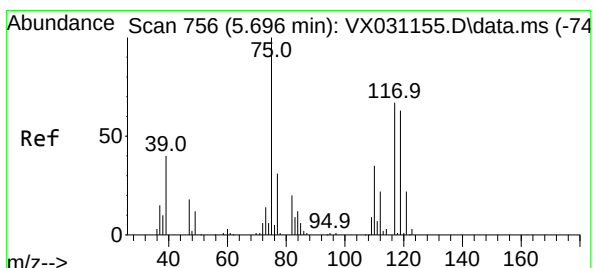
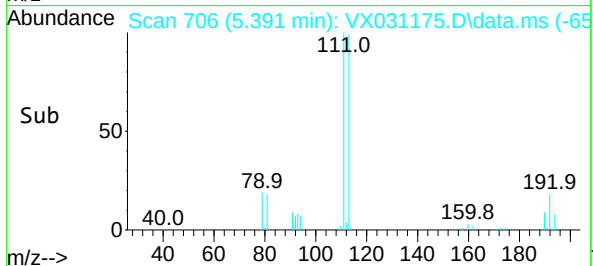
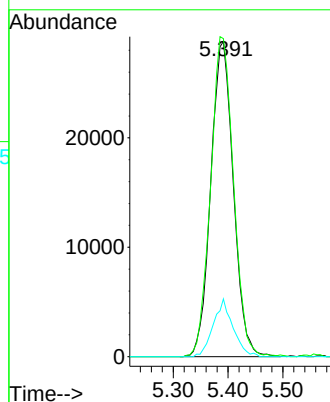
MSVOA_X

ClientSampleId :

RE134D2-20220823RE



Tgt Ion:	113	Resp:	82274
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.2	124.8
192	16.0	14.8	22.2



#36

1,1-Dichloropropene

Concen: 3.122 ug/l

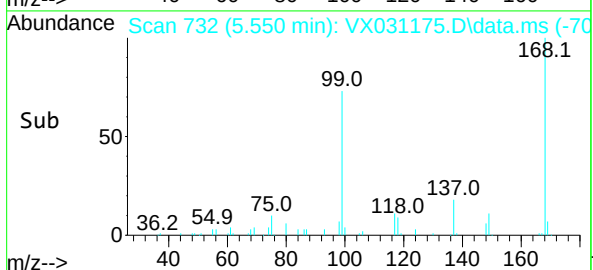
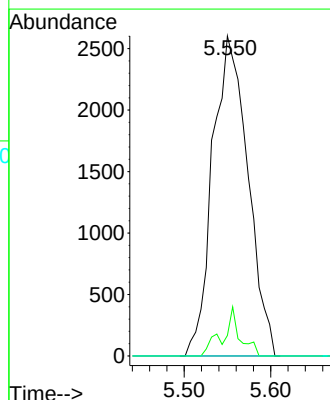
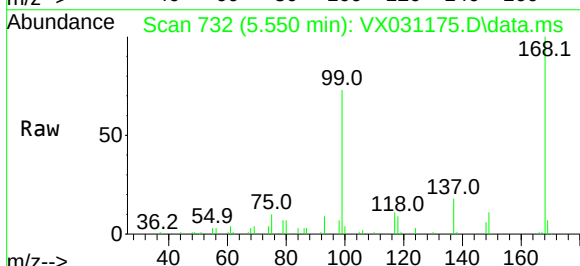
RT: 5.550 min Scan# 732

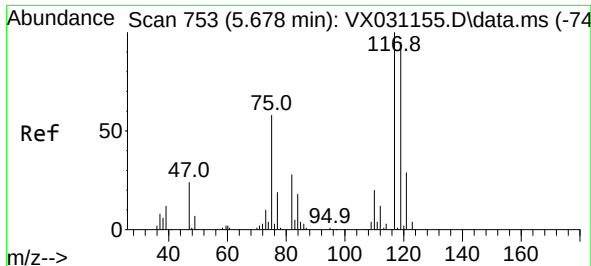
Delta R.T. -0.146 min

Lab File: VX031175.D

Acq: 07 Sep 2022 21:33

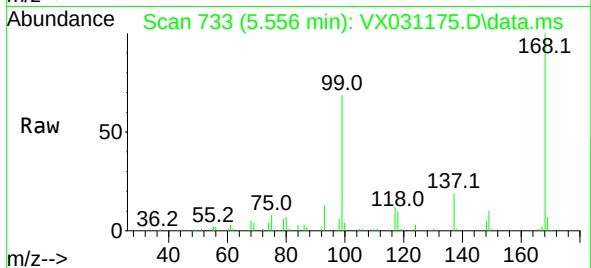
Tgt Ion:	75	Resp:	7361
Ion	Ratio	Lower	Upper
75	100		
110	7.5	19.3	57.9#
77	0.0	24.4	36.6#



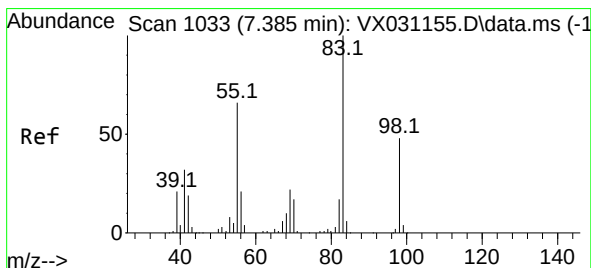
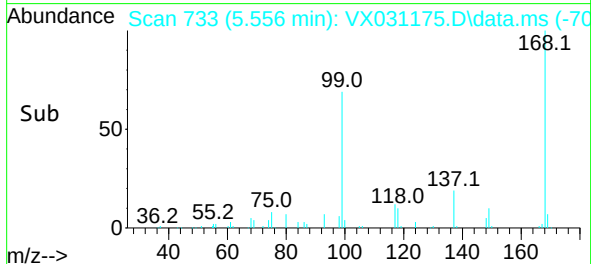
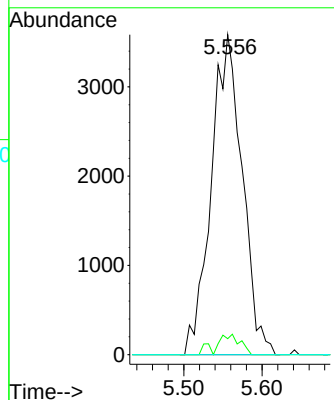


#38
Carbon Tetrachloride
Concen: 3.990 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

Instrument :
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ClientSampleId :
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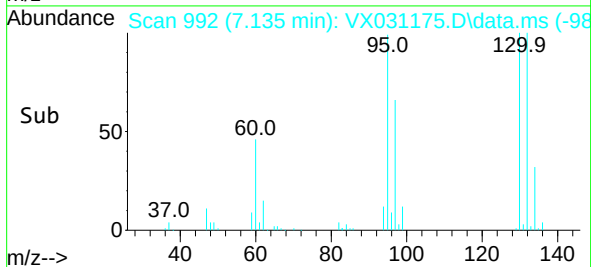
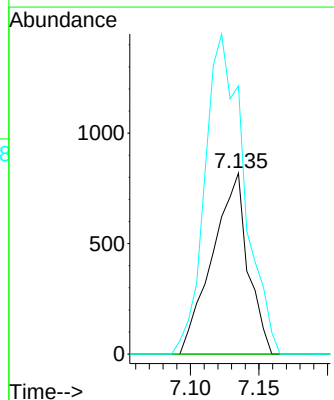
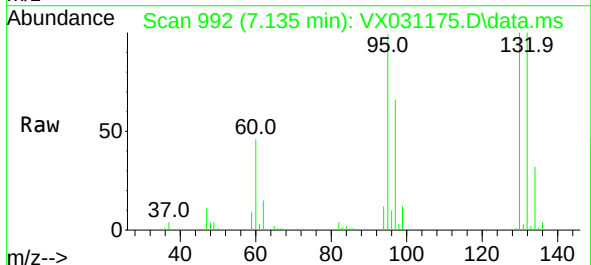


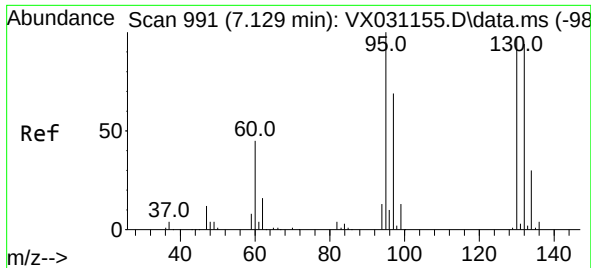
Tgt Ion:117 Resp: 9898
Ion Ratio Lower Upper
117 100
119 5.0 74.1 111.1#
121 0.0 25.8 38.8#



#39
Methylcyclohexane
Concen: 0.550 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

Tgt Ion: 83 Resp: 1481
Ion Ratio Lower Upper
83 100
55 0.0 57.7 86.5#
98 148.2 36.5 54.7#

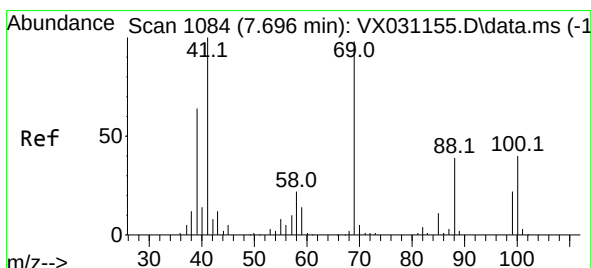
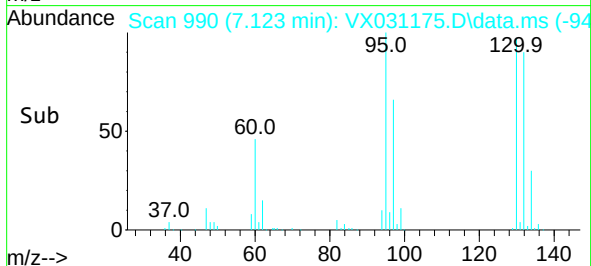
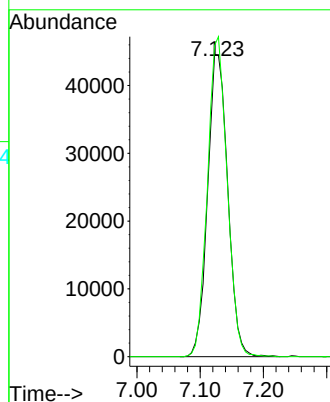
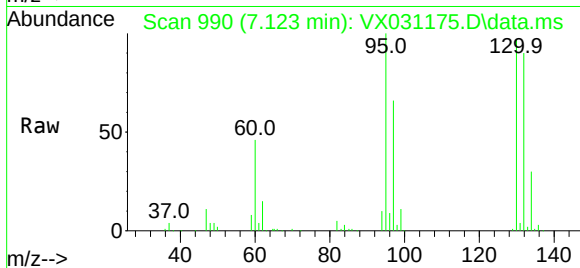




#44
Trichloroethene
Concen: 54.992 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

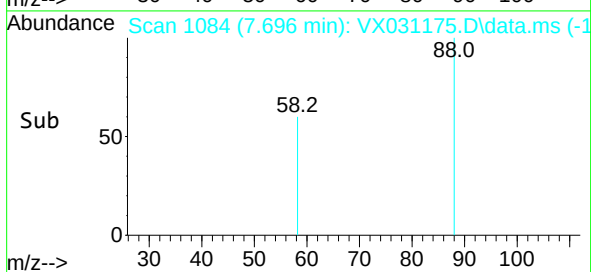
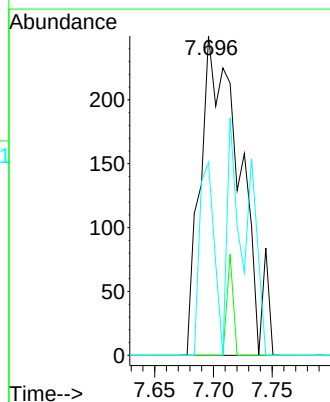
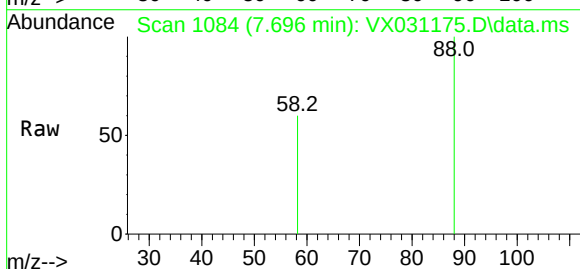
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220823RE

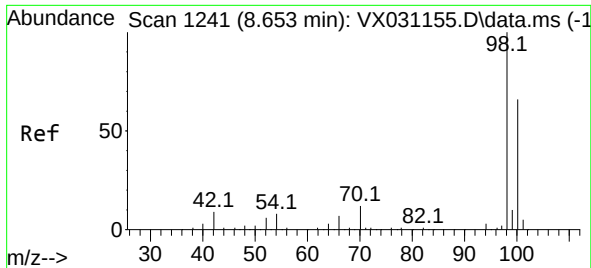
Tgt Ion:130 Resp: 99014
Ion Ratio Lower Upper
130 100
95 102.9 0.0 194.8



#49
1,4-Dioxane
Concen: 13.195 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

Tgt Ion: 88 Resp: 585
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 22.4 53.8 80.6#

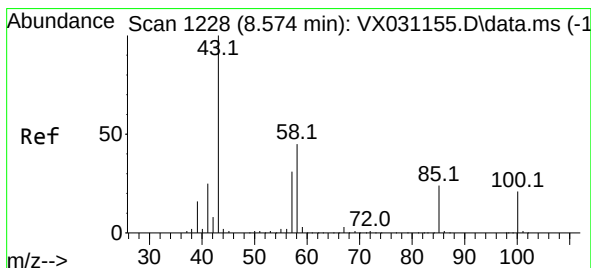
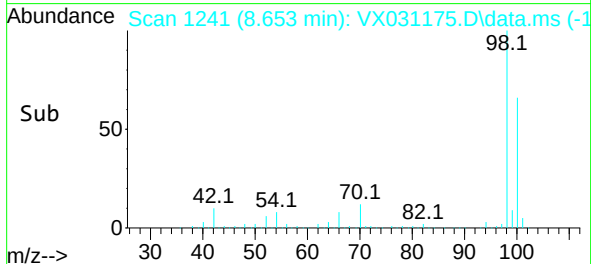
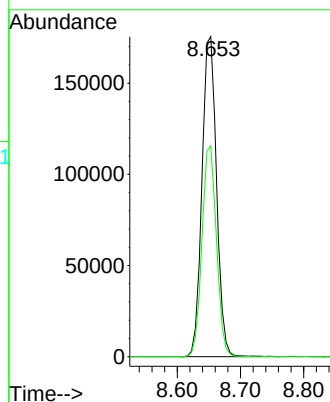
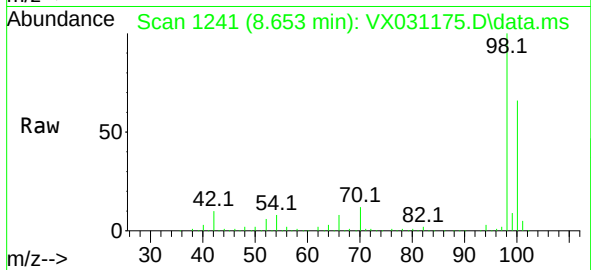




#50
Toluene-d8
Concen: 49.184 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

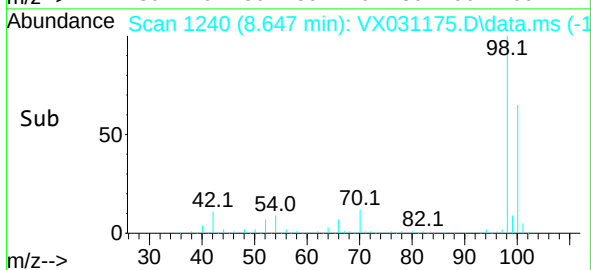
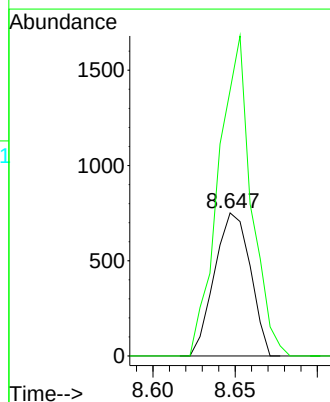
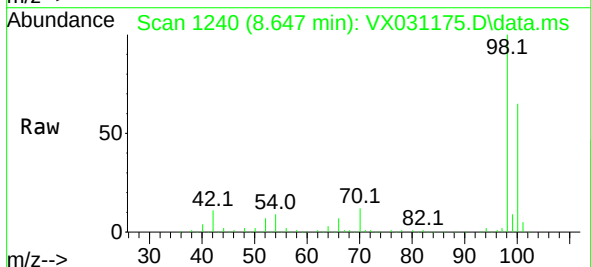
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220823RE

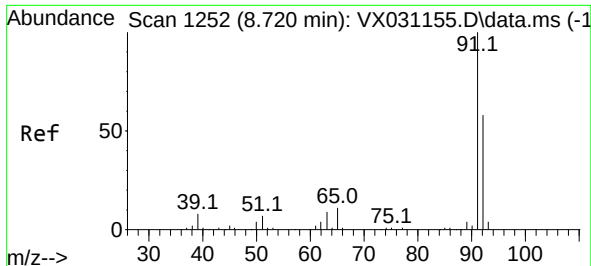
Tgt Ion: 98 Resp: 281357
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 205.2 31.4 47.2#

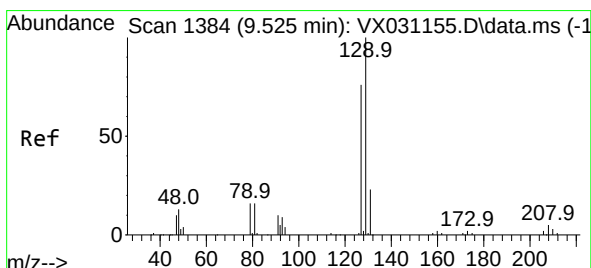
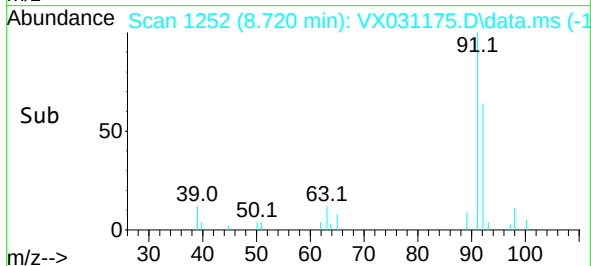
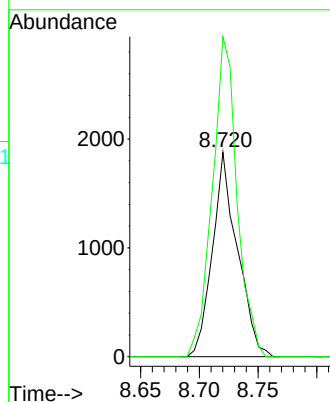
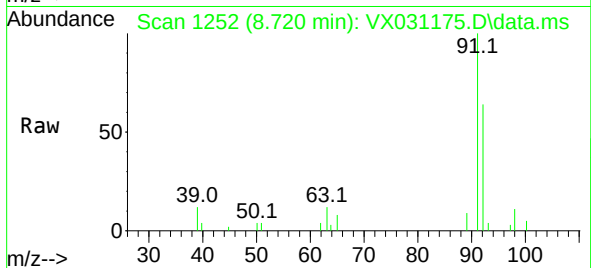




#52
Toluene
Concen: 0.656 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

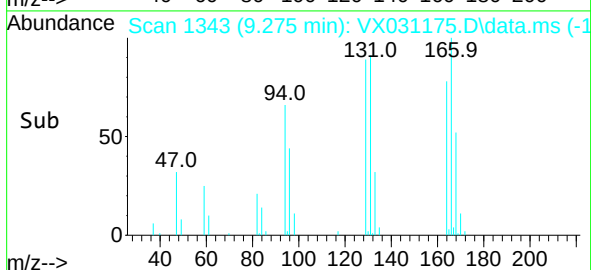
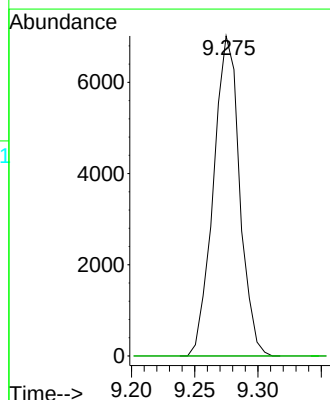
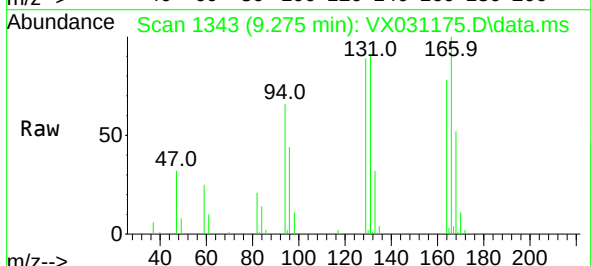
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220823RE

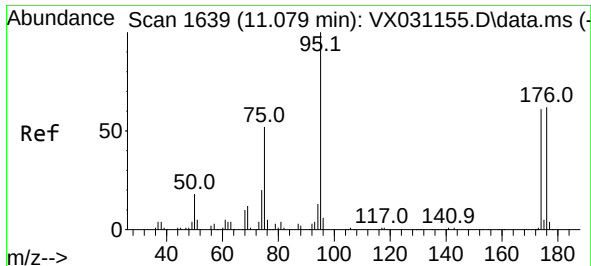
Tgt Ion: 92 Resp: 2773
Ion Ratio Lower Upper
92 100
91 155.2 139.2 208.8



#60
Dibromochloromethane
Concen: 5.647 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

Tgt Ion: 129 Resp: 10112
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 51.448 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031175.D

Acq: 07 Sep 2022 21:33

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20220823RE

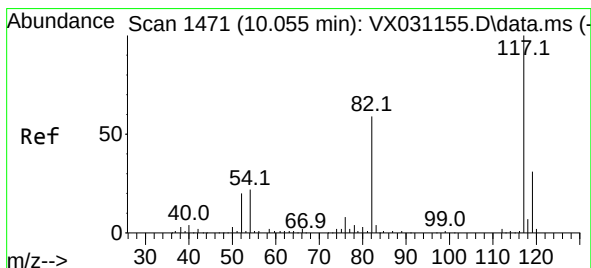
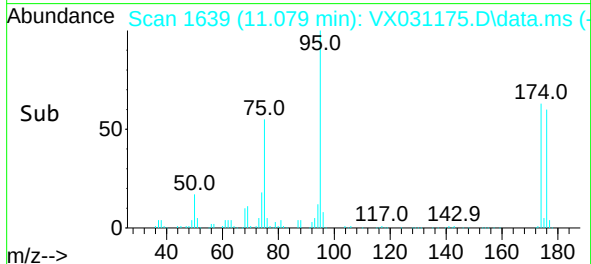
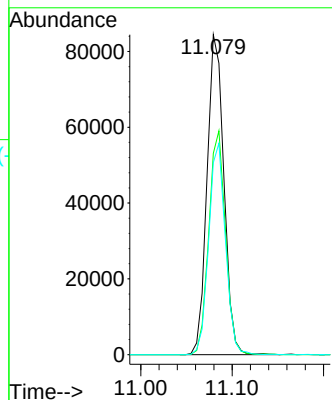
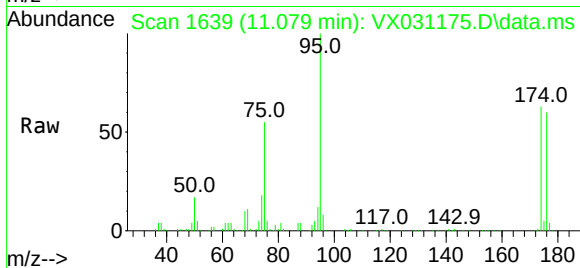
Tgt Ion: 95 Resp: 107854

Ion Ratio Lower Upper

95 100

174 69.2 0.0 149.0

176 65.4 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: VX031175.D

Acq: 07 Sep 2022 21:33

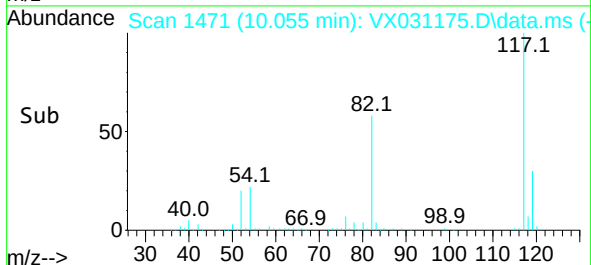
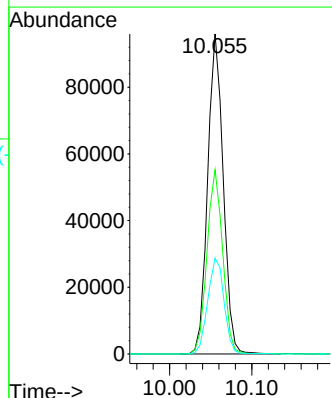
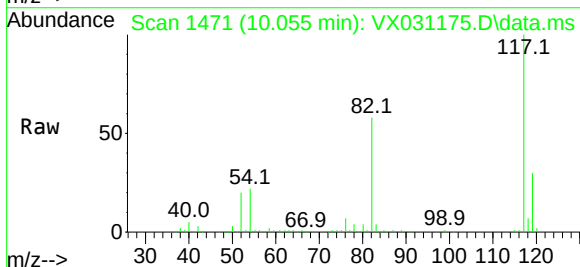
Tgt Ion: 117 Resp: 125938

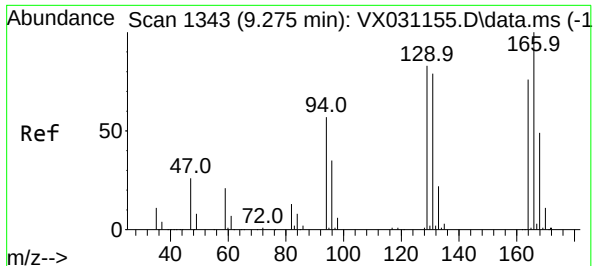
Ion Ratio Lower Upper

117 100

82 57.6 42.7 64.1

119 30.0 25.4 38.2

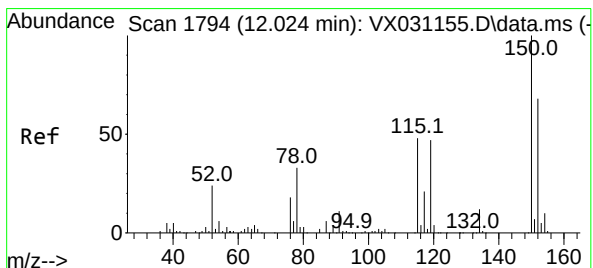
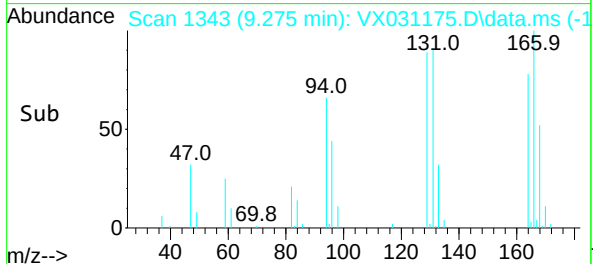
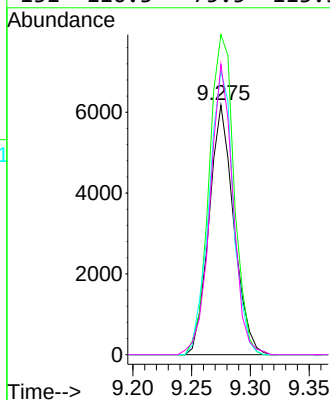
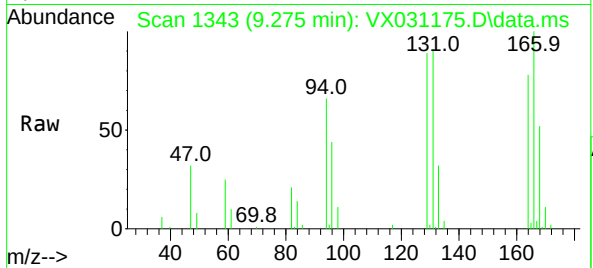




#64
Tetrachloroethene
Concen: 6.879 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

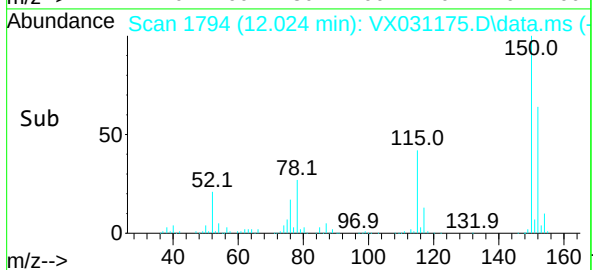
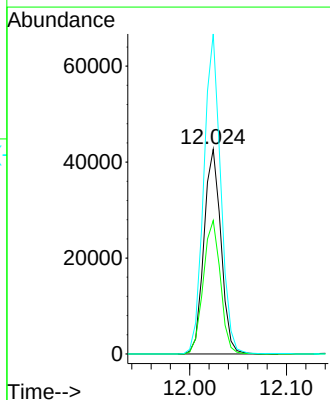
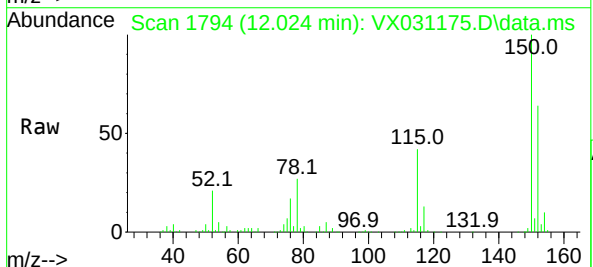
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220823RE

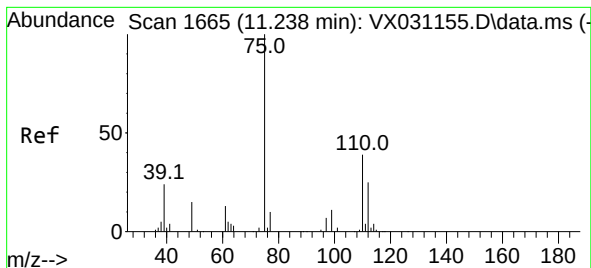
Tgt Ion:164 Resp: 9019
Ion Ratio Lower Upper
164 100
166 128.2 98.2 147.4
129 113.5 80.8 121.2
131 116.3 75.5 113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

Tgt Ion:152 Resp: 52336
Ion Ratio Lower Upper
152 100
115 65.6 40.5 121.5
150 155.1 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 39.986 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX031175.D

Acq: 07 Sep 2022 21:33

Instrument :

MSVOA_X

ClientSampleId :

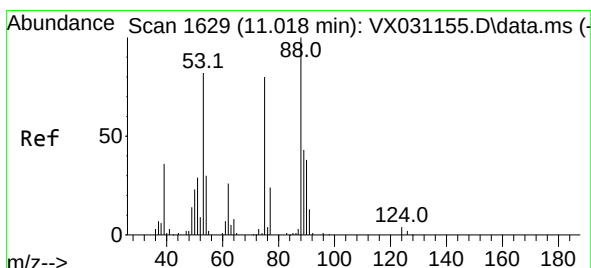
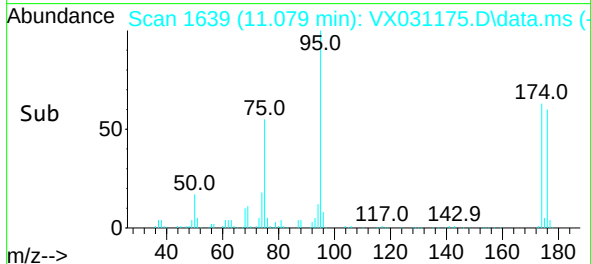
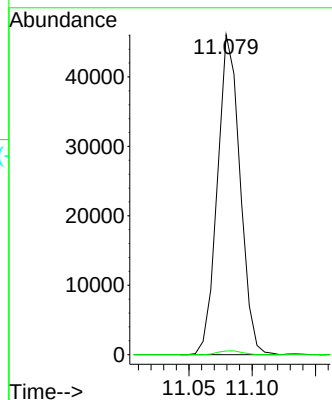
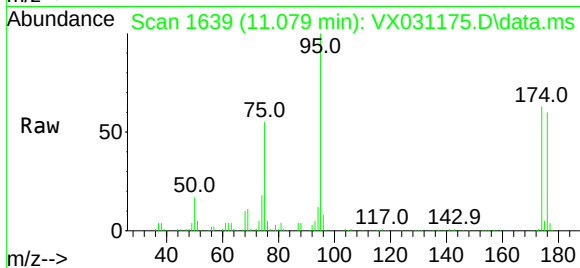
RE134D2-20220823RE

Tgt Ion: 75 Resp: 57113

Ion Ratio Lower Upper

75 100

77 1.3 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.950 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031175.D

Acq: 07 Sep 2022 21:33

Tgt Ion: 75 Resp: 57113

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

