

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037786.D
 Acq On : 18 Sep 2023 19:10
 Operator : JC/MD
 Sample : 04389-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20230907

Quant Time: Sep 19 07:25:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

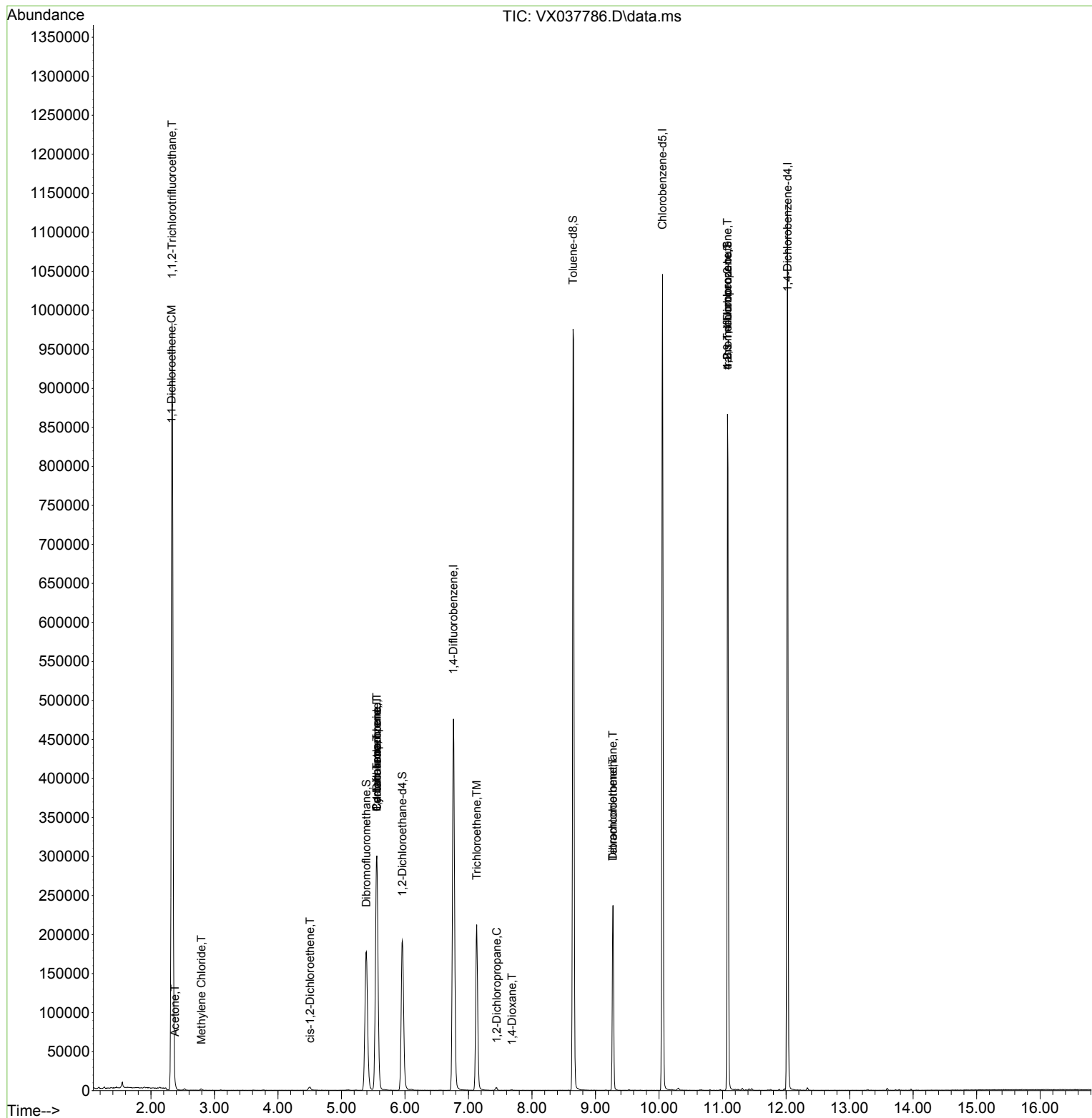
Internal Standards						
1) Pentafluorobenzene	5.556	168	293210	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	495768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	473624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184961	48.013	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.020%
35) Dibromofluoromethane	5.391	113	156826	47.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.560%
50) Toluene-d8	8.647	98	603057	48.928	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.079	95	227523	50.799	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	384287	129.834	ug/l	96
12) 1,1-Dichloroethene	2.325	96	2976	1.040	ug/l	# 71
16) Acetone	2.380	43	2179	1.176	ug/l	95
20) Methylene Chloride	2.794	84	905	0.239	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	2926	0.751	ug/l	77
31) Cyclohexane	5.556	56	6087	1.231	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	21830	4.777	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	29401	6.149	ug/l	# 15
44) Trichloroethene	7.129	130	81868	20.920	ug/l	97
45) 1,2-Dichloropropane	7.446	63	1490	0.408	ug/l	# 87
49) 1,4-Dioxane	7.683	88	473	4.698	ug/l	# 97
60) Dibromochloromethane	9.275	129	41690	10.960	ug/l	# 11
64) Tetrachloroethene	9.275	164	43207	13.377	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	115069	20.398	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	115069	65.341	ug/l	# 5

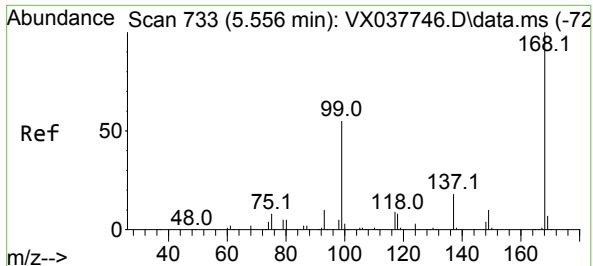
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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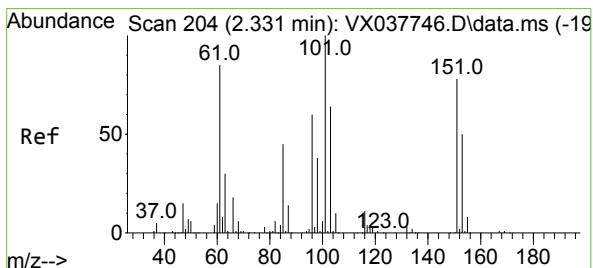
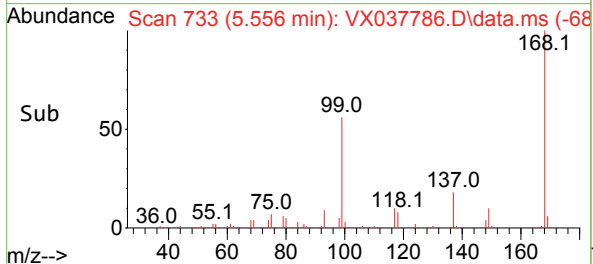
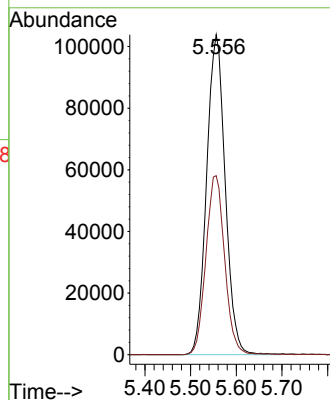
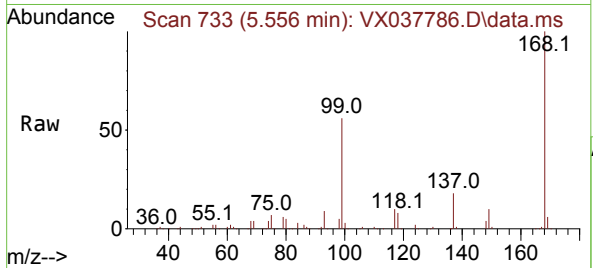




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

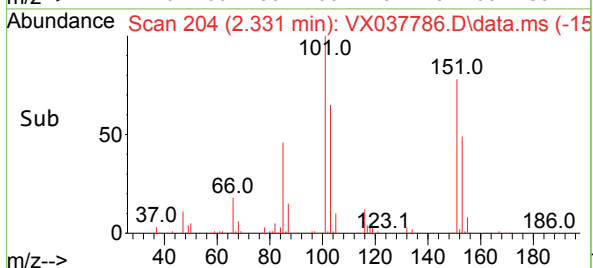
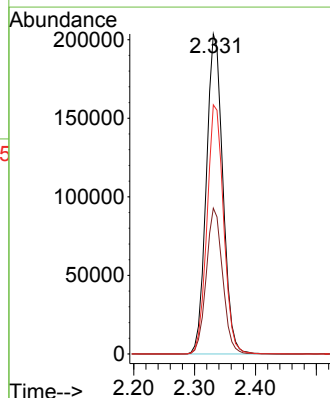
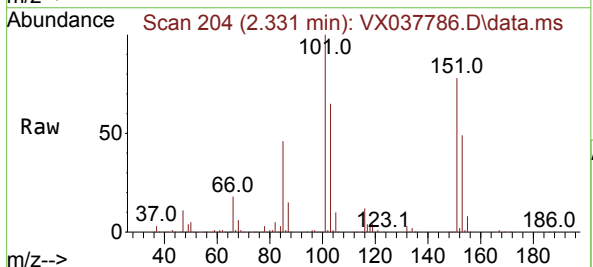
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230907

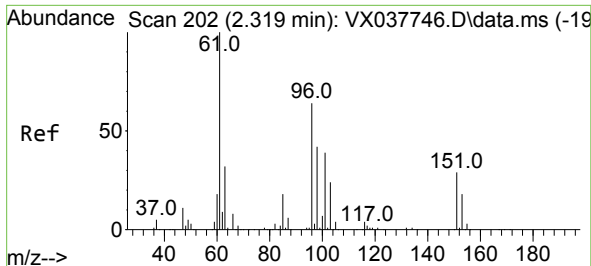
Tgt Ion:168 Resp: 293210
Ion Ratio Lower Upper
168 100
99 56.0 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 129.834 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

Tgt Ion:101 Resp: 384287
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.6
151 78.1 58.6 87.8





#12

1,1-Dichloroethene

Concen: 1.040 ug/l

RT: 2.325 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX037786.D

Acq: 18 Sep 2023 19:10

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20230907

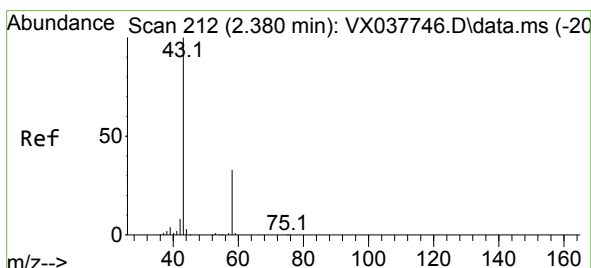
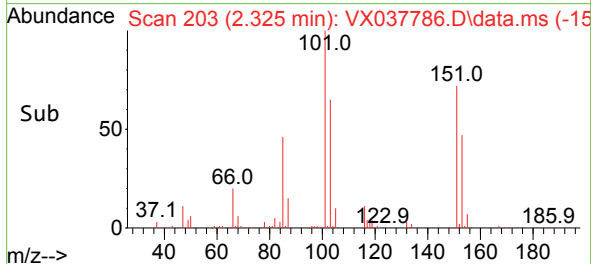
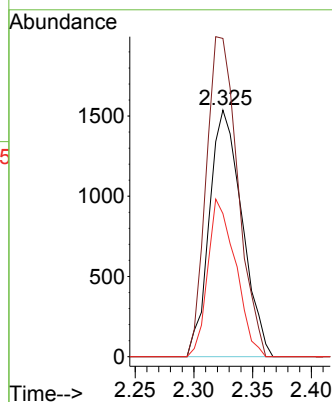
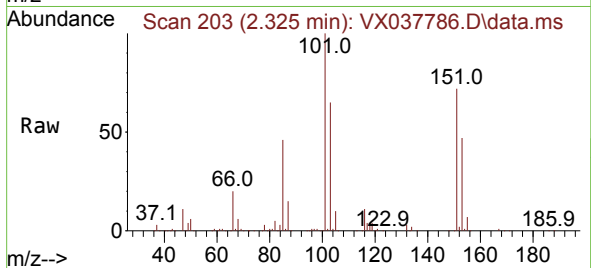
Tgt Ion: 96 Resp: 2976

Ion Ratio Lower Upper

96 100

61 129.1 144.6 216.8#

98 58.0 50.4 75.6



#16

Acetone

Concen: 1.176 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037786.D

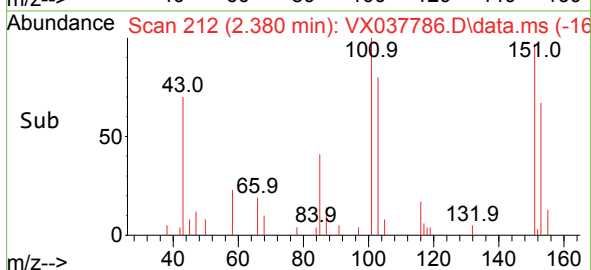
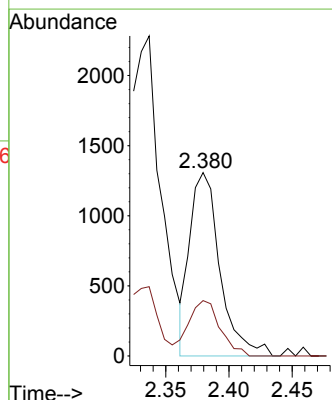
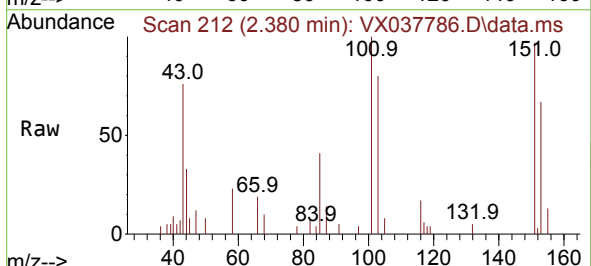
Acq: 18 Sep 2023 19:10

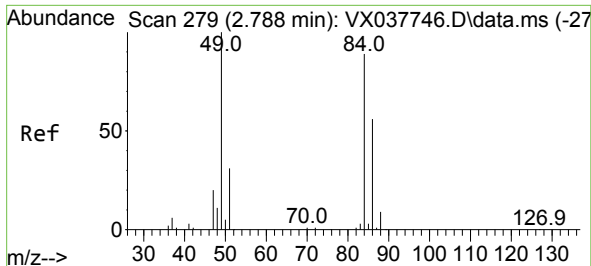
Tgt Ion: 43 Resp: 2179

Ion Ratio Lower Upper

43 100

58 30.2 21.9 32.9

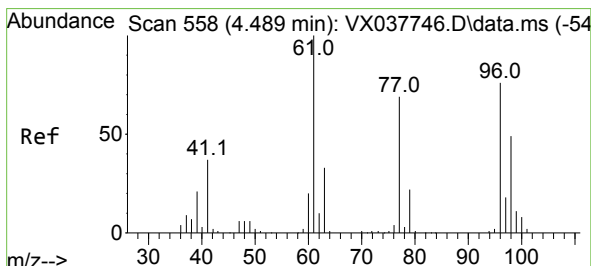
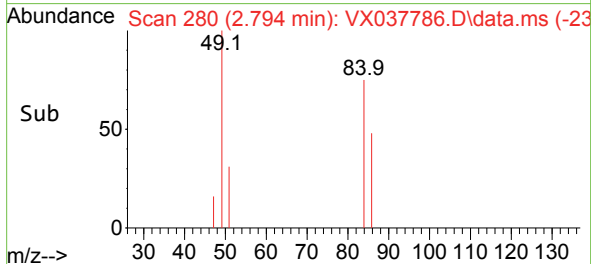
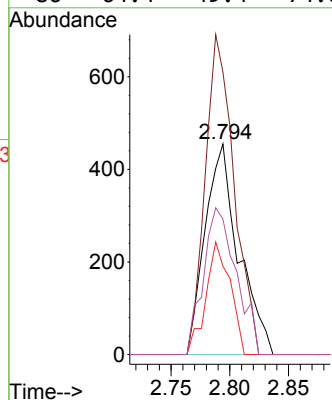
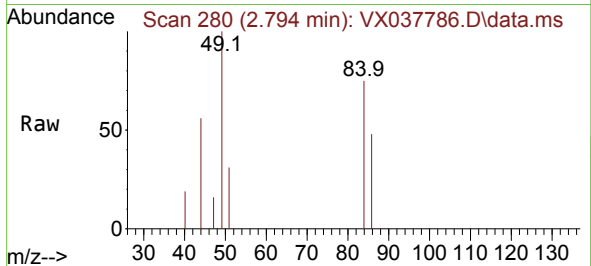




#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

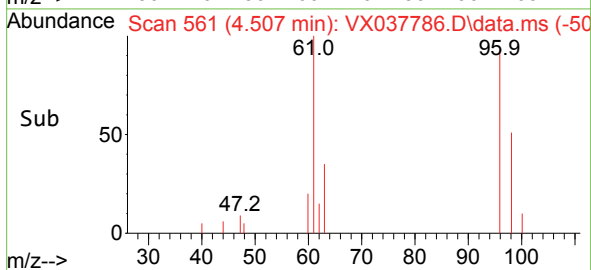
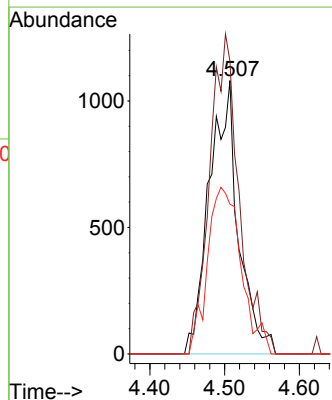
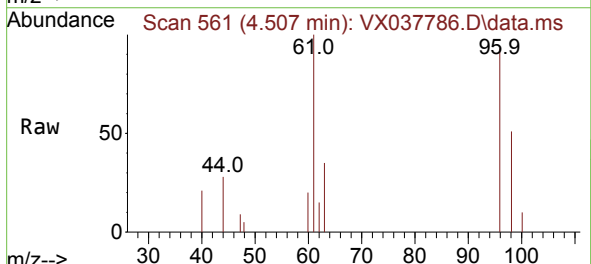
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230907

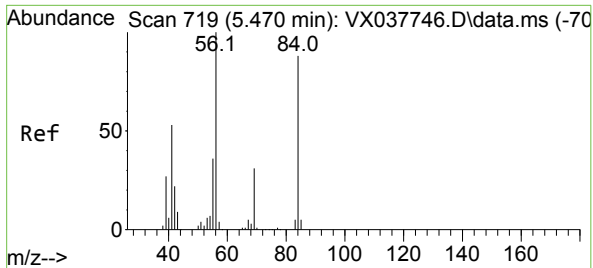
Tgt Ion:	84	Resp:	905
Ion	Ratio	Lower	Upper
84	100		
49	134.1	103.6	155.4
51	42.0	33.8	50.6
86	64.4	49.4	74.0



#27
cis-1,2-Dichloroethene
Concen: 0.751 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.018 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

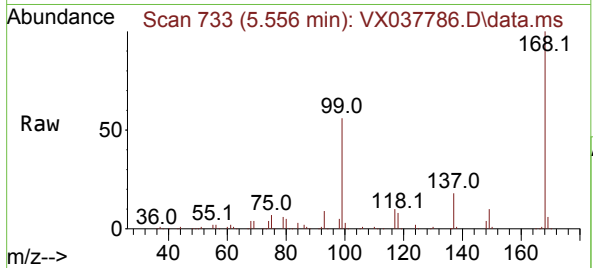
Tgt Ion:	96	Resp:	2926
Ion	Ratio	Lower	Upper
96	100		
61	118.3	0.0	312.2
98	70.7	0.0	129.0



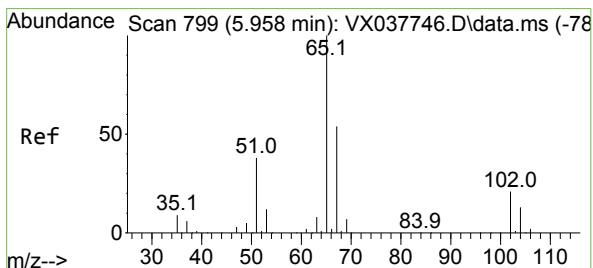
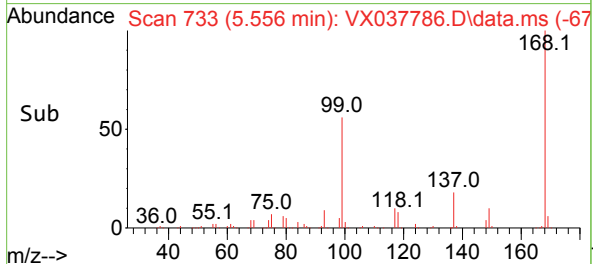
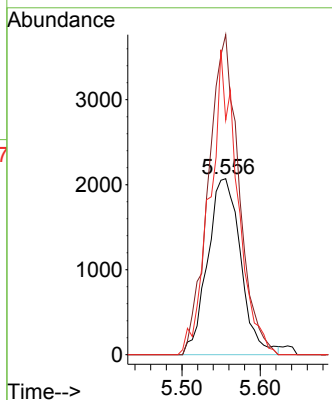


#31
Cyclohexane
Concen: 1.231 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230907

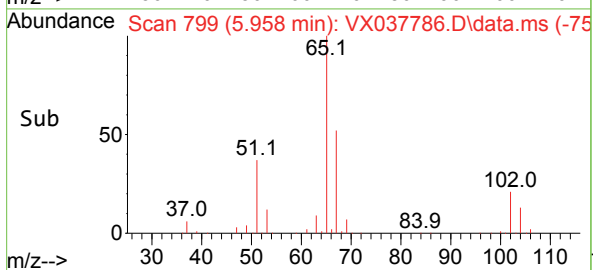
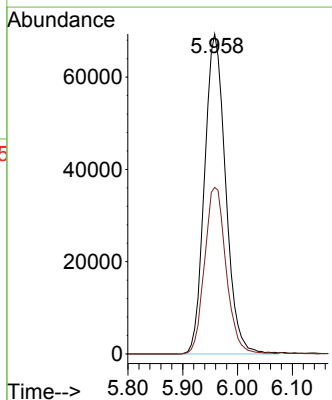
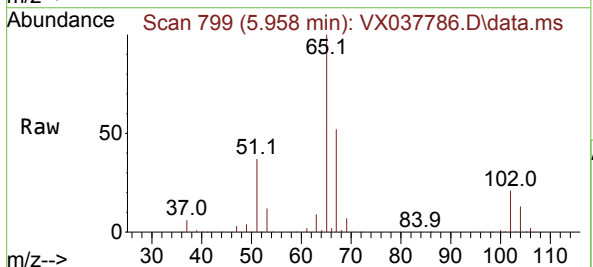


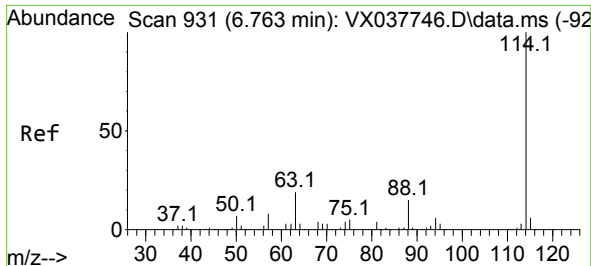
Tgt Ion: 56 Resp: 6087
Ion Ratio Lower Upper
56 100
69 181.9 23.4 35.2#
84 133.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.013 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

Tgt Ion: 65 Resp: 184961
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

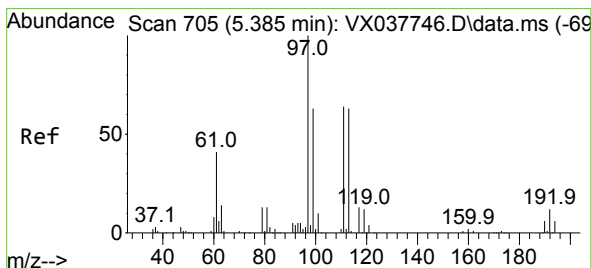
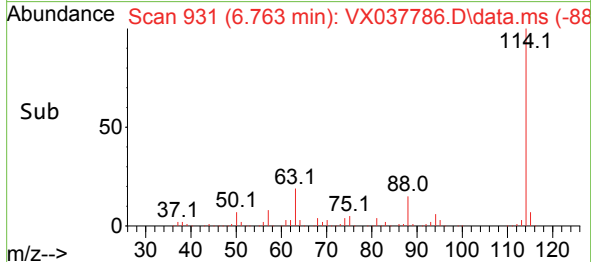
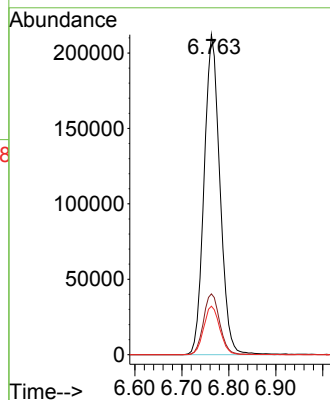
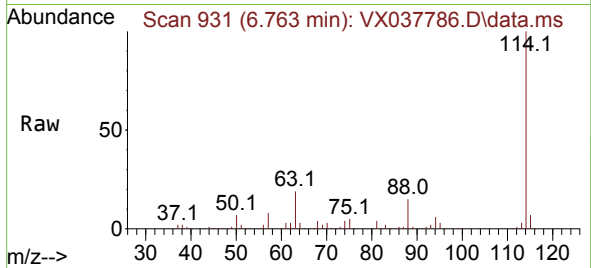




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

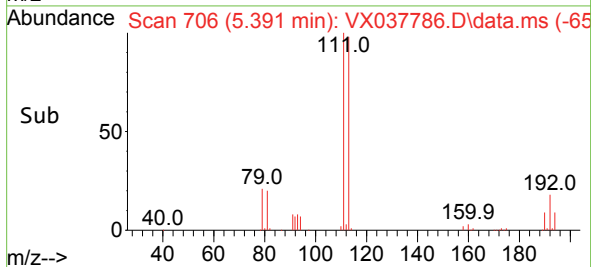
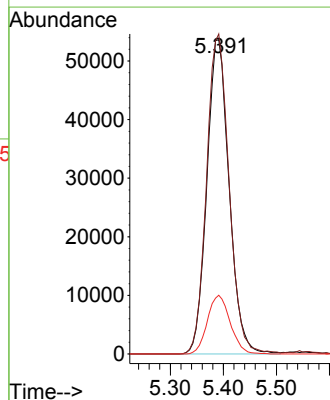
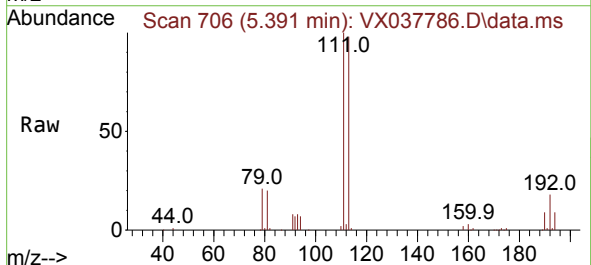
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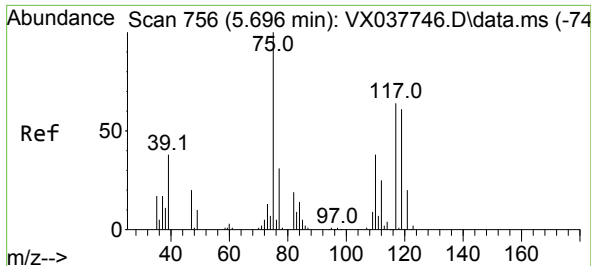
Tgt Ion:114 Resp: 495768
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.276 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

Tgt Ion:113 Resp: 156826
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.1 13.3 19.9

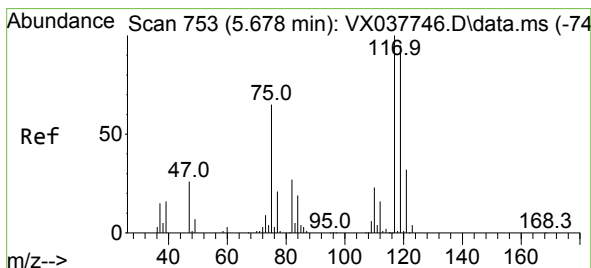
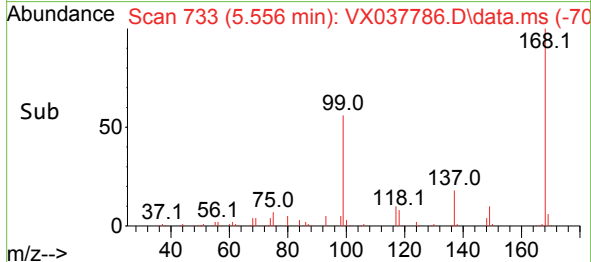
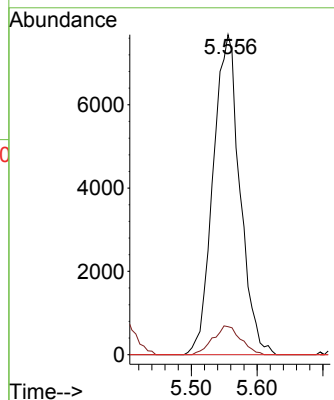
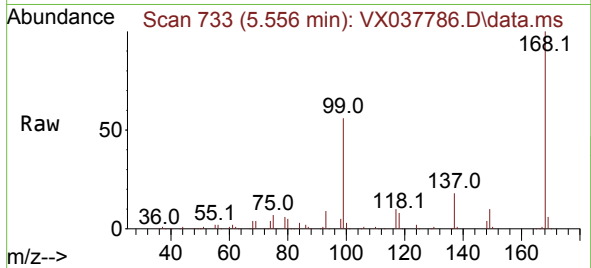




#36
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

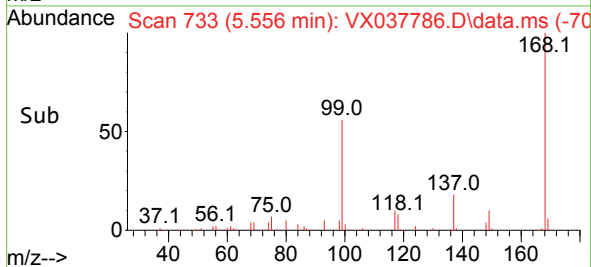
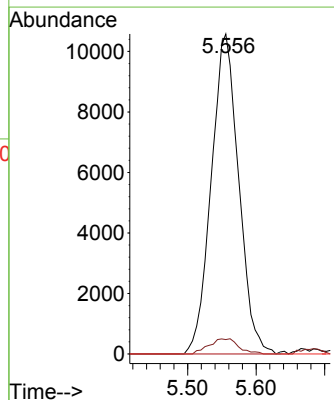
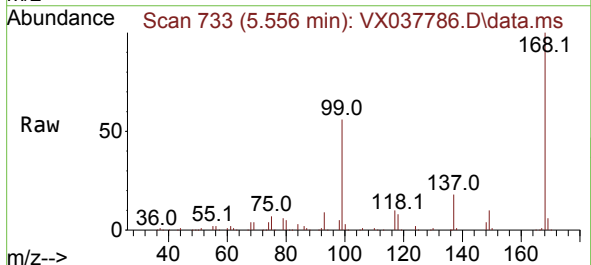
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RE134D4-20230907

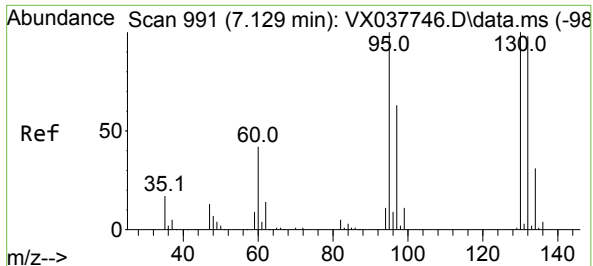
Tgt Ion: 75 Resp: 21830
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.149 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

Tgt Ion: 117 Resp: 29401
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#

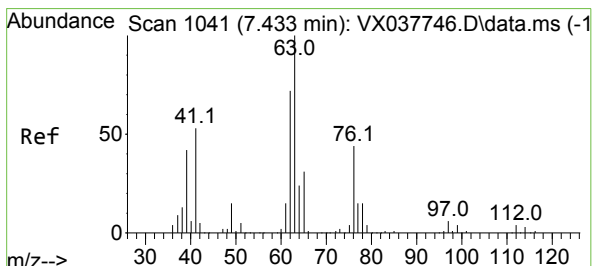
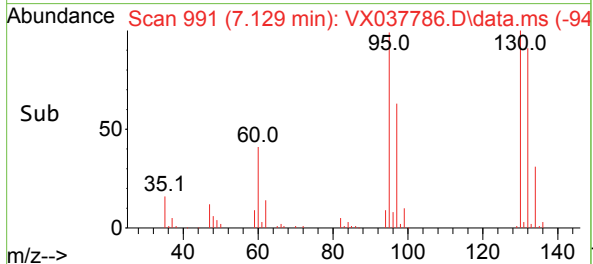
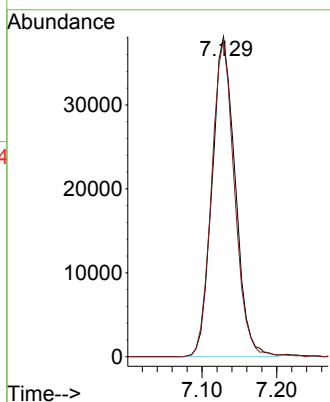
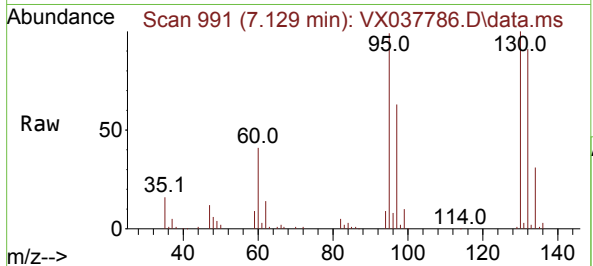




#44
Trichloroethene
Concen: 20.920 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

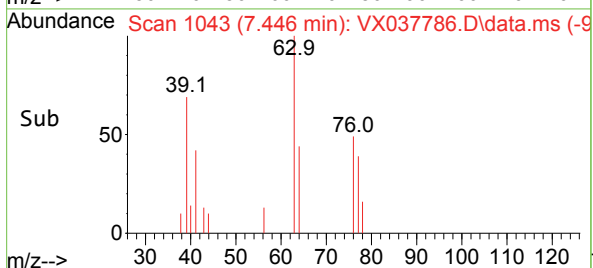
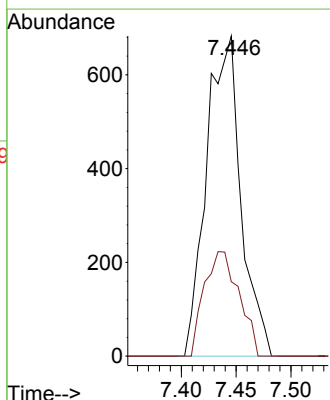
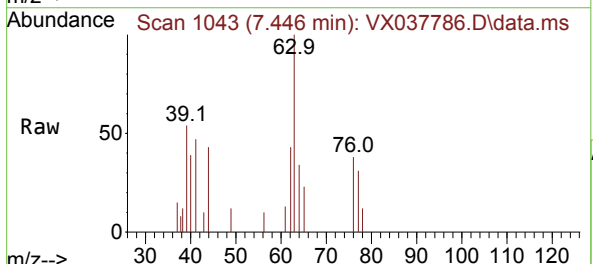
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230907

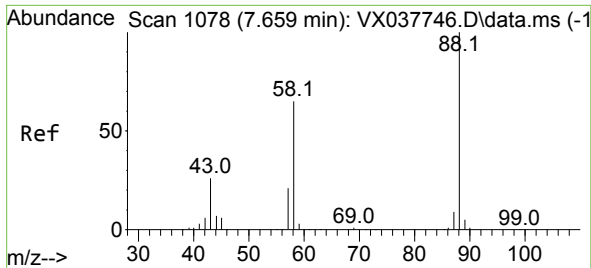
Tgt Ion:130 Resp: 81868
Ion Ratio Lower Upper
130 100
95 99.0 0.0 204.4



#45
1,2-Dichloropropane
Concen: 0.408 ug/l
RT: 7.446 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

Tgt Ion: 63 Resp: 1490
Ion Ratio Lower Upper
63 100
65 23.3 24.3 36.5#

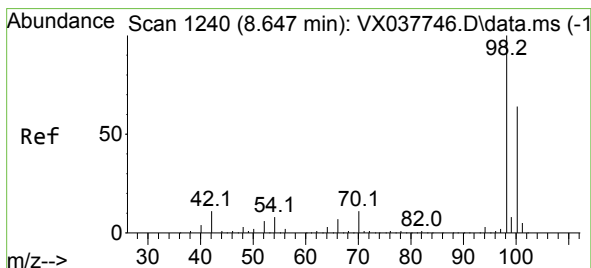
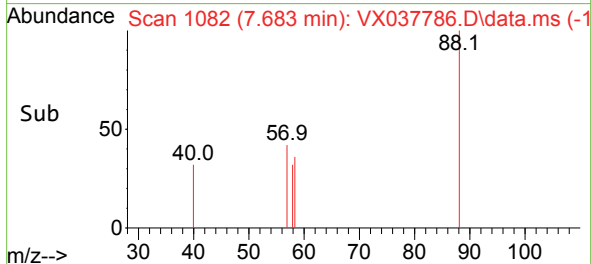
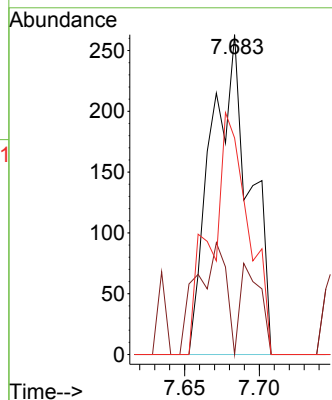
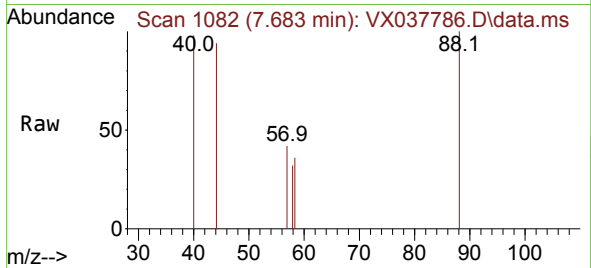




#49
1,4-Dioxane
Concen: 4.698 ug/l
RT: 7.683 min Scan# 1078
Delta R.T. 0.012 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

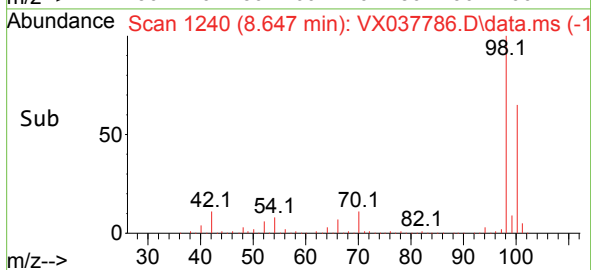
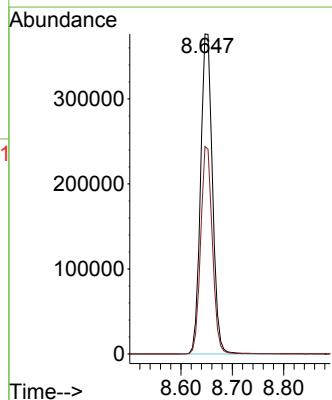
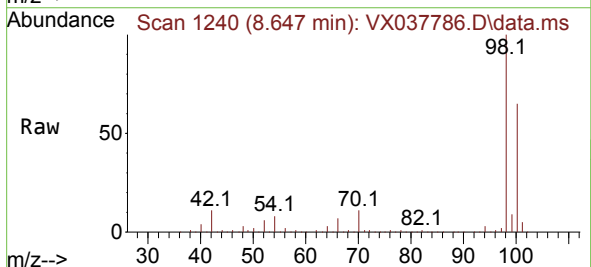
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230907

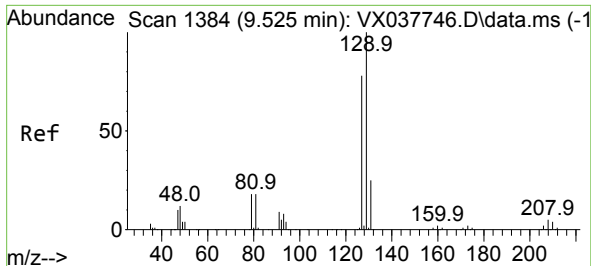
Tgt Ion: 88 Resp: 473
Ion Ratio Lower Upper
88 100
43 14.6 0.0 0.0#
58 72.5 60.1 90.1



#50
Toluene-d8
Concen: 48.928 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

Tgt Ion: 98 Resp: 603057
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

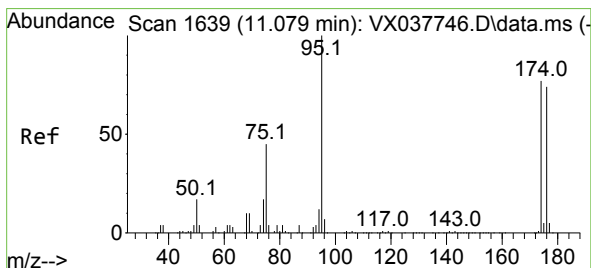
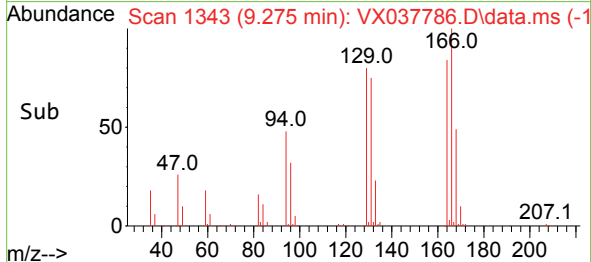
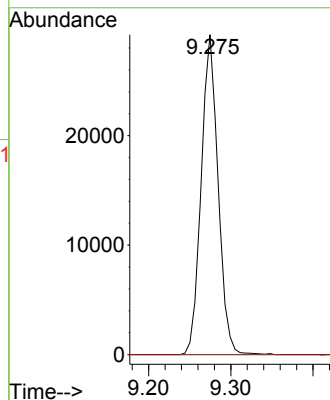
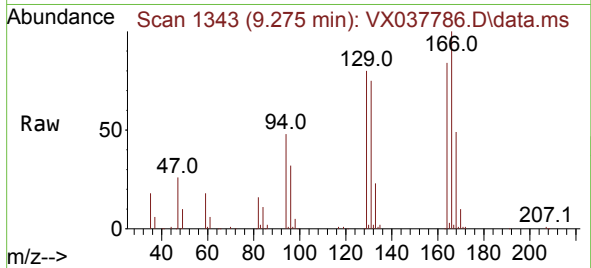




#60
Dibromochloromethane
Concen: 10.960 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

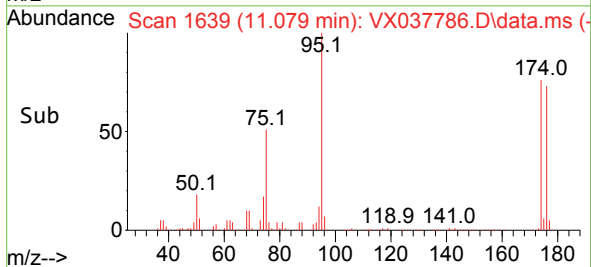
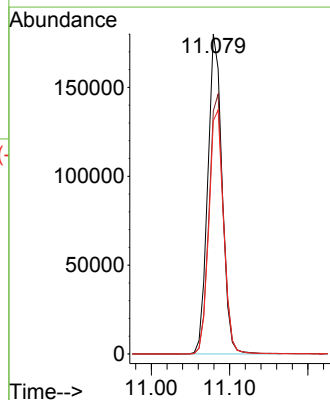
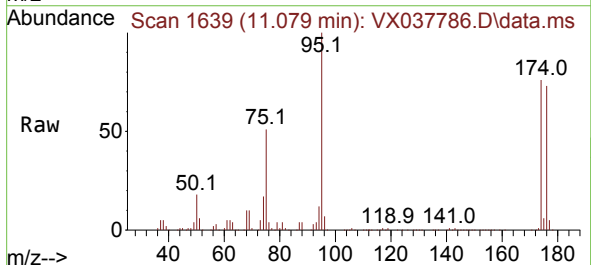
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230907

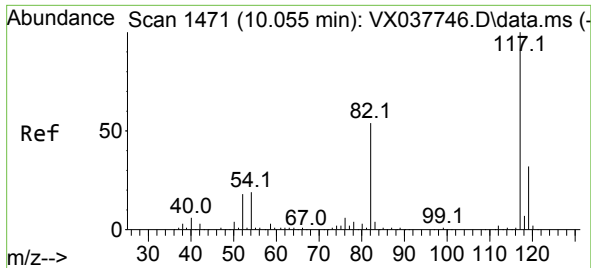
Tgt Ion:129 Resp: 41690
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 50.799 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

Tgt Ion: 95 Resp: 227523
Ion Ratio Lower Upper
95 100
174 82.4 0.0 135.6
176 78.4 0.0 131.0

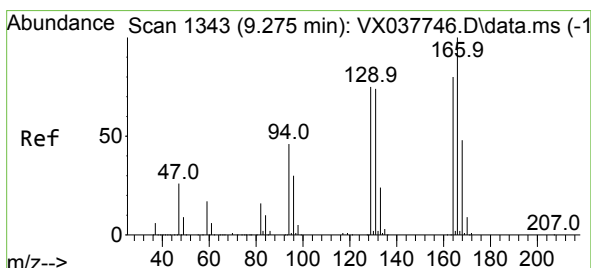
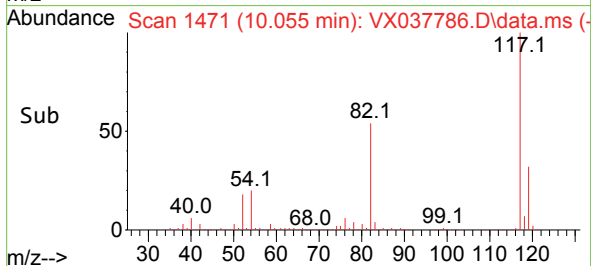
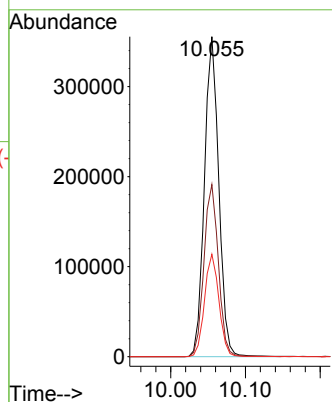
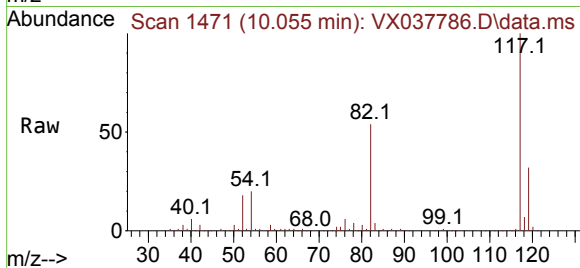




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

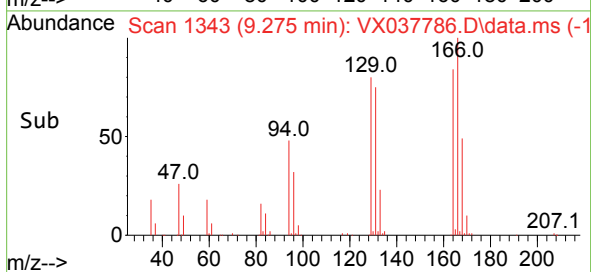
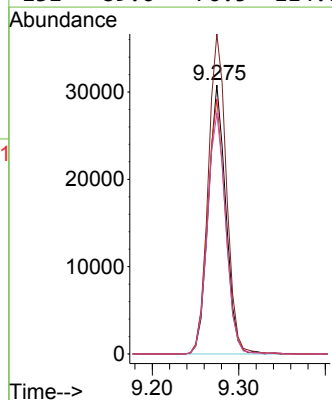
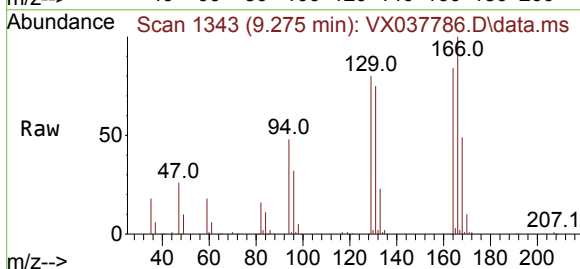
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230907

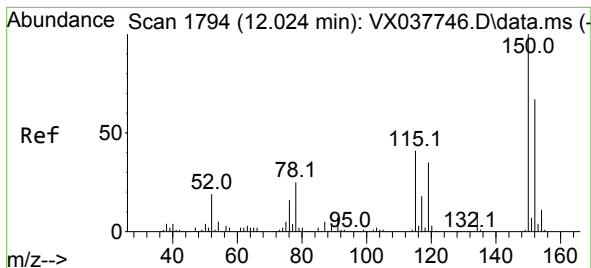
Tgt Ion:117 Resp: 473624
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 13.377 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

Tgt Ion:164 Resp: 43207
Ion Ratio Lower Upper
164 100
166 119.0 102.7 154.1
129 94.8 80.4 120.6
131 89.6 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037786.D

Acq: 18 Sep 2023 19:10

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20230907

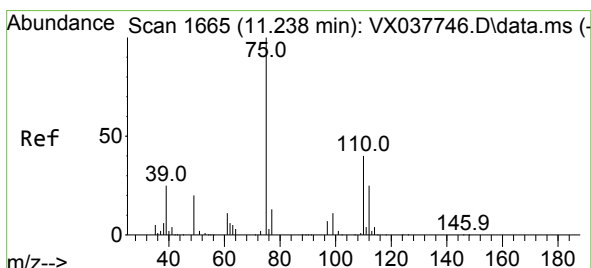
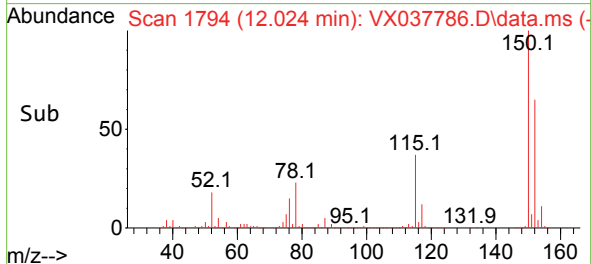
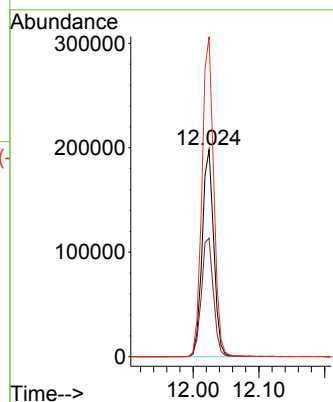
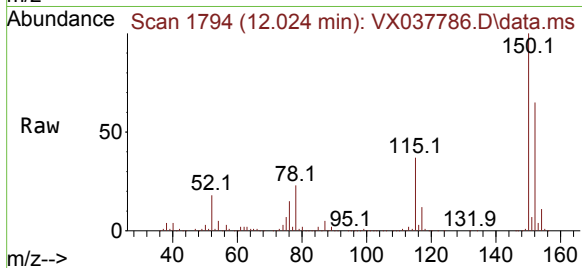
Tgt Ion:152 Resp: 243905

Ion Ratio Lower Upper

152 100

115 59.2 43.3 129.9

150 156.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.398 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037786.D

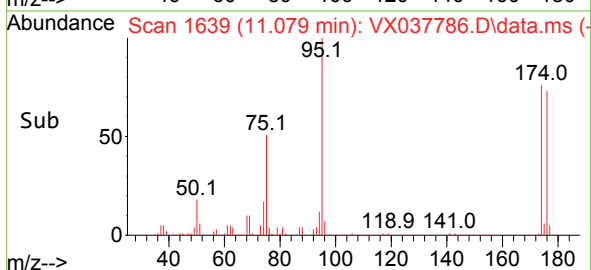
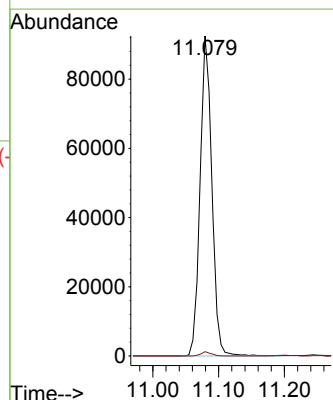
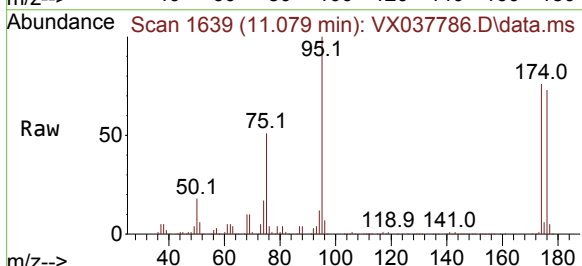
Acq: 18 Sep 2023 19:10

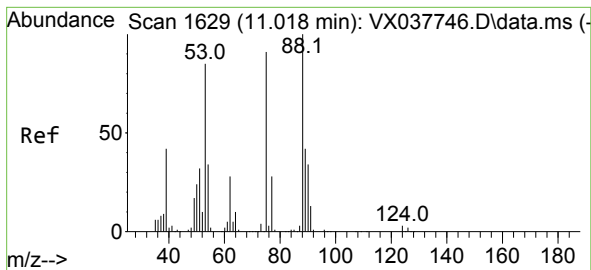
Tgt Ion: 75 Resp: 115069

Ion Ratio Lower Upper

75 100

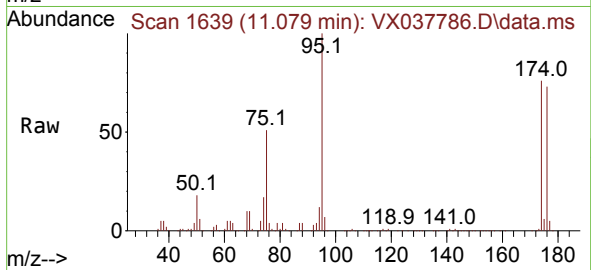
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.341 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230907



Tgt Ion: 75 Resp: 115069
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

