

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031176.D
 Acq On : 07 Sep 2022 21:56
 Operator : JC/MD
 Sample : N4357-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20220823RE

Quant Time: Sep 07 23:27:39 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)

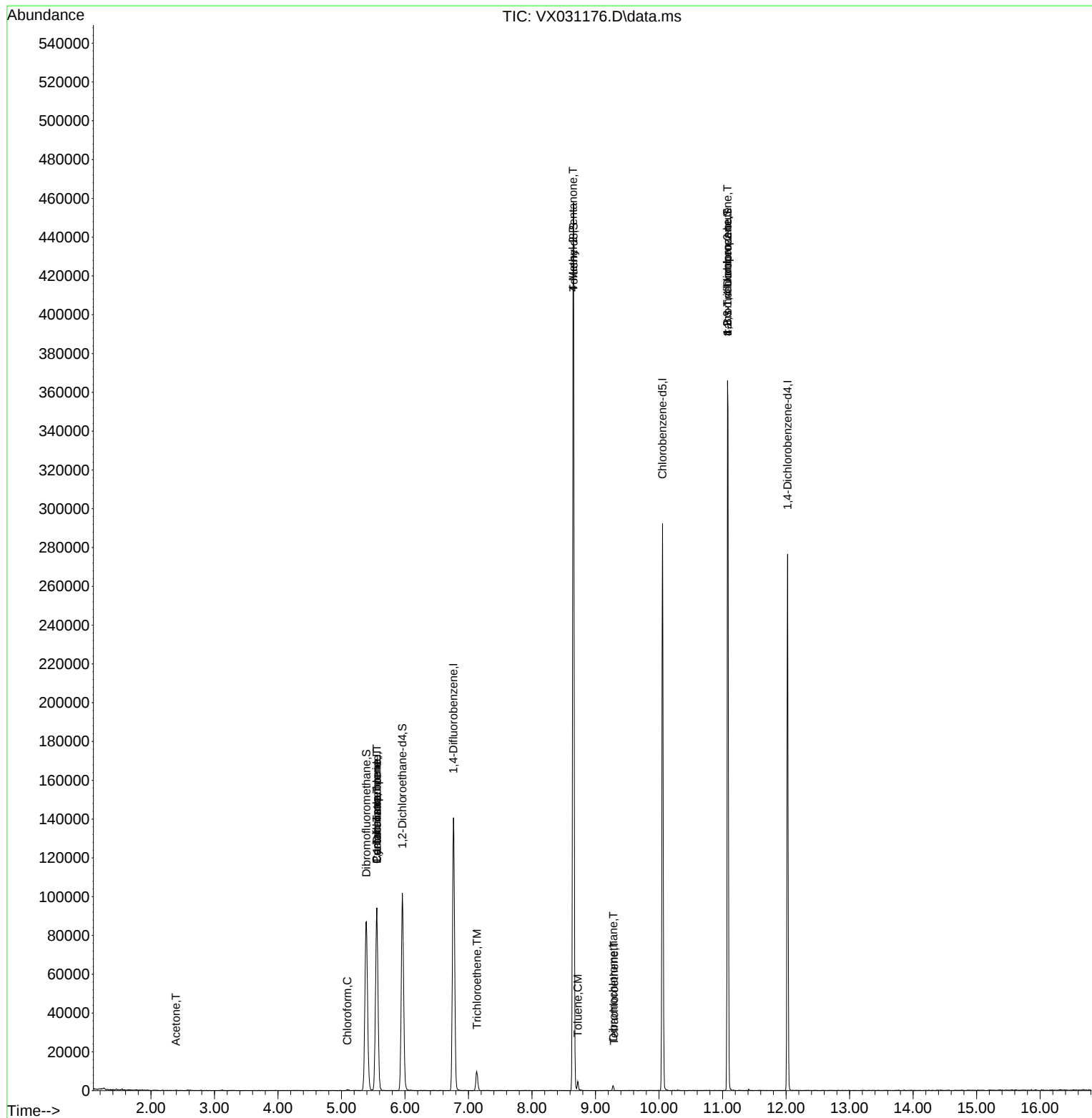
Internal Standards						
1) Pentafluorobenzene	5.556	168	76533	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	137276	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103952	57.370	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.740%	
35) Dibromofluoromethane	5.391	113	77893	52.070	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.140%	
50) Toluene-d8	8.653	98	268230	49.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	11.079	95	101587	51.003	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.000%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	368	0.587	ug/l	# 40
30) Chloroform	5.092	83	686	0.240	ug/l	86
31) Cyclohexane	5.556	56	1836	0.907	ug/l	# 33
36) 1,1-Dichloropropene	5.556	75	6576	2.935	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	9370	3.975	ug/l	# 17
44) Trichloroethene	7.135	130	3488	2.039	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	1174	0.612	ug/l	# 1
52) Toluene	8.720	92	1588	0.396	ug/l	95
60) Dibromochloromethane	9.281	129	512	0.301	ug/l	# 11
64) Tetrachloroethene	9.293	164	494	0.382	ug/l	# 24
76) 1,2,3-Trichloropropane	11.079	75	57936	41.354	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	57936	133.364	ug/l	# 12

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

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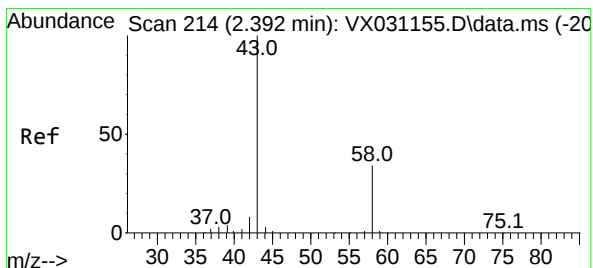
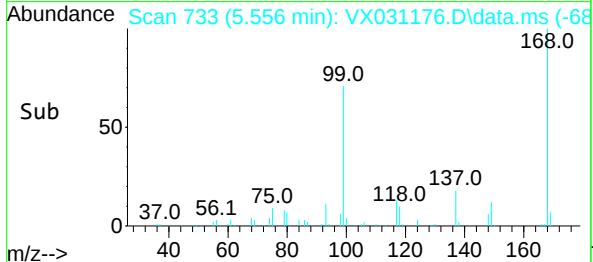
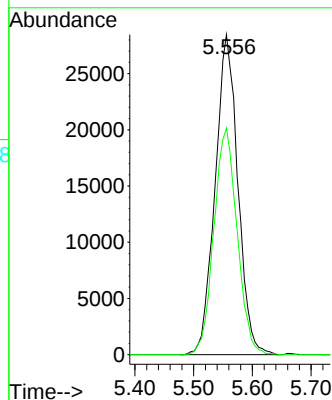
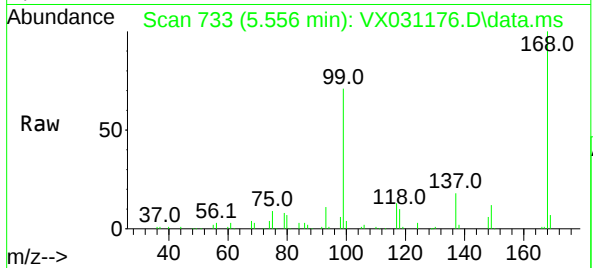




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

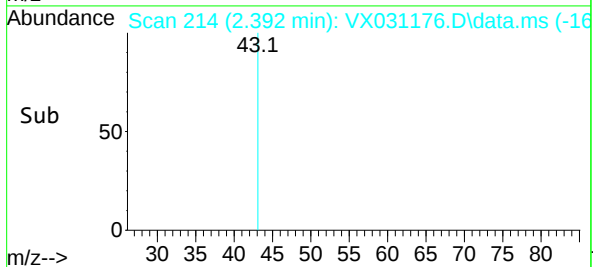
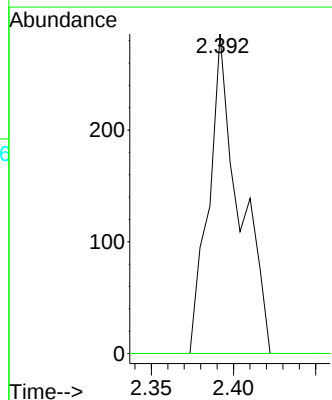
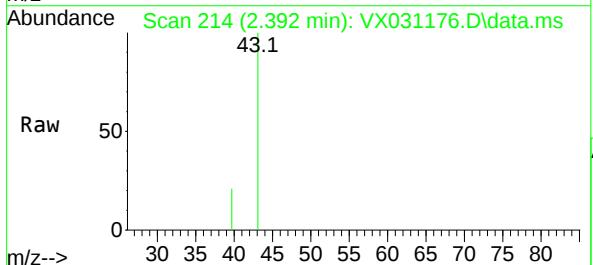
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220823RE

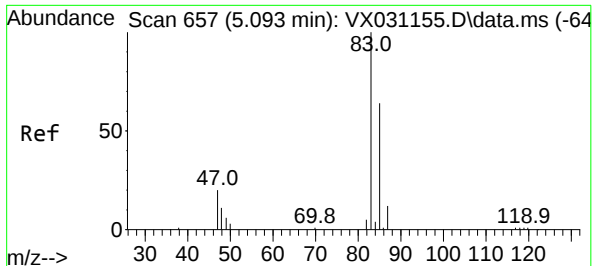
Tgt Ion:168 Resp: 76533
Ion Ratio Lower Upper
168 100
99 70.9 44.0 66.0#



#16
Acetone
Concen: 0.587 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#





#30

Chloroform

Concen: 0.240 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX031176.D

Acq: 07 Sep 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

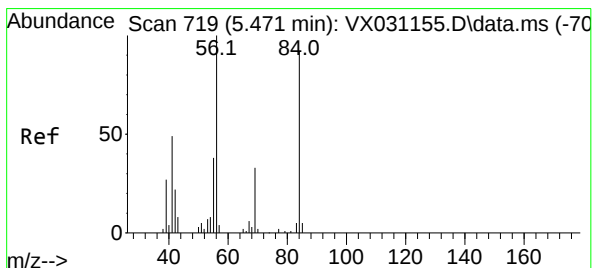
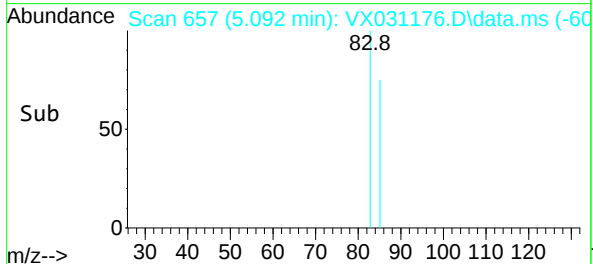
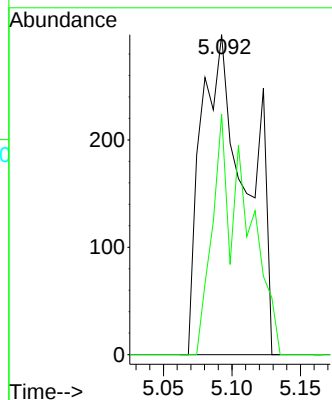
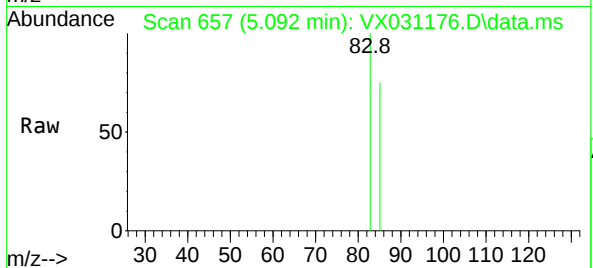
RE134D1-20220823RE

Tgt Ion: 83 Resp: 686

Ion Ratio Lower Upper

83 100

85 75.2 51.5 77.3



#31

Cyclohexane

Concen: 0.907 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX031176.D

Acq: 07 Sep 2022 21:56

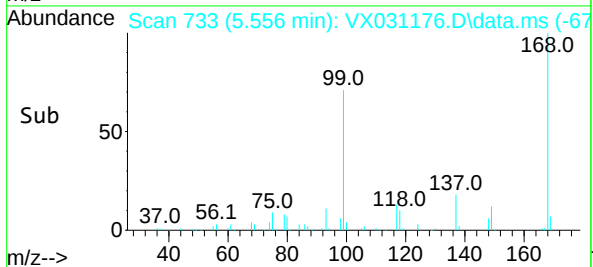
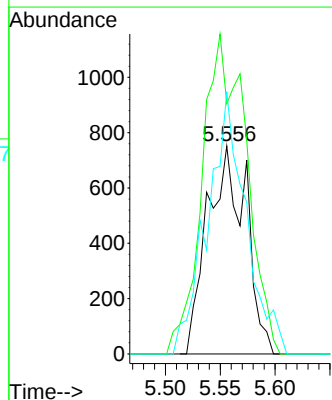
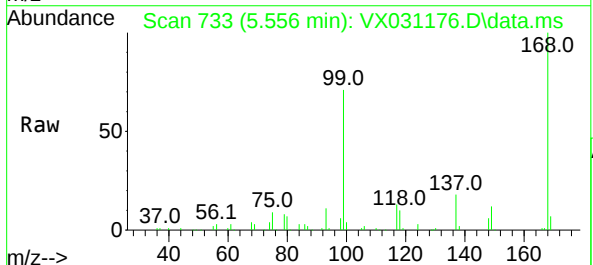
Tgt Ion: 56 Resp: 1836

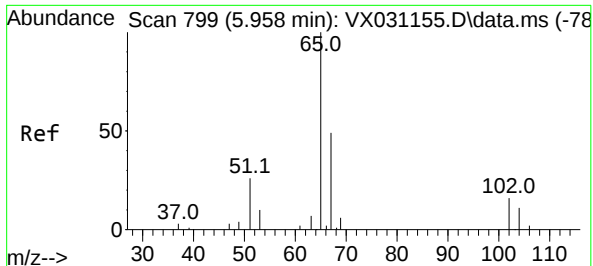
Ion Ratio Lower Upper

56 100

69 120.3 25.4 38.0#

84 116.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 57.370 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031176.D

Acq: 07 Sep 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

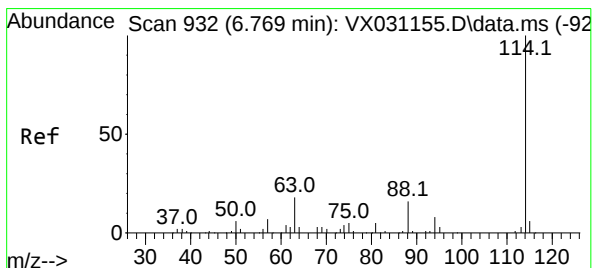
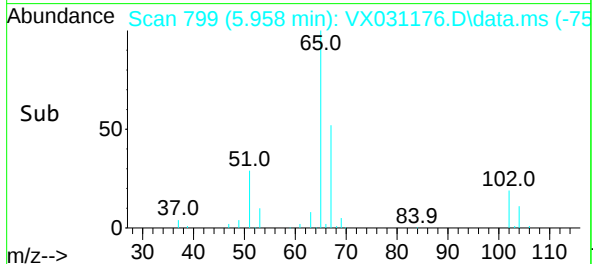
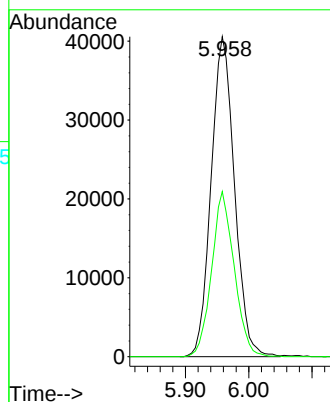
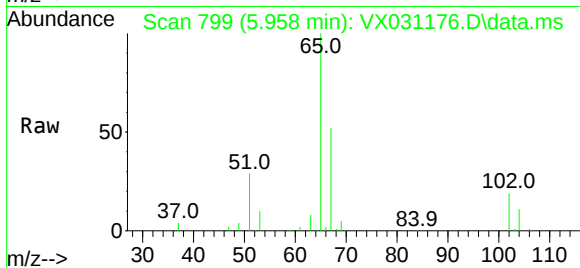
RE134D1-20220823RE

Tgt Ion: 65 Resp: 103952

Ion Ratio Lower Upper

65 100

67 49.9 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: VX031176.D

Acq: 07 Sep 2022 21:56

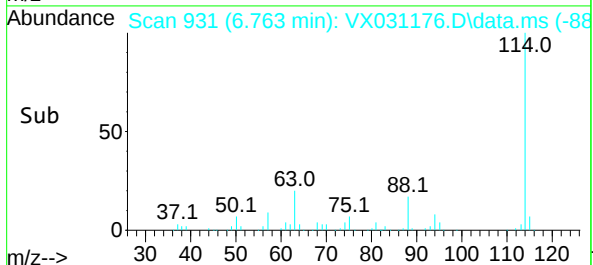
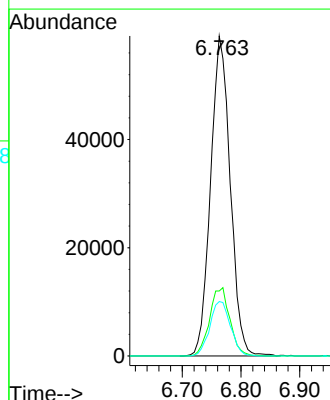
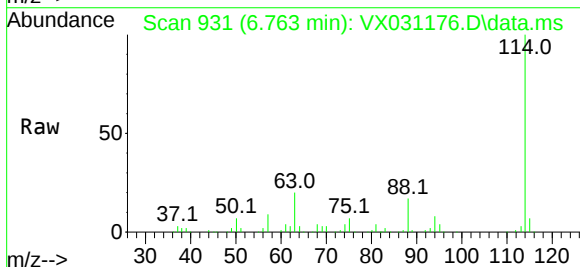
Tgt Ion: 114 Resp: 137276

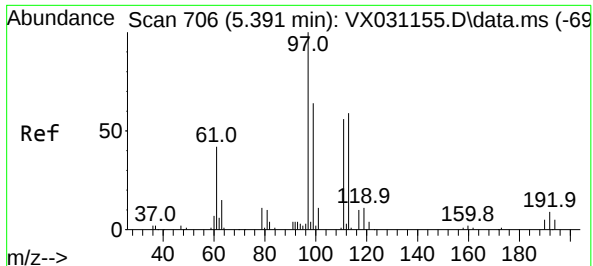
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

88 17.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.070 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031176.D

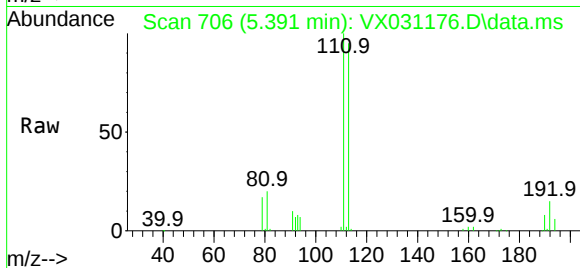
Acq: 07 Sep 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20220823RE



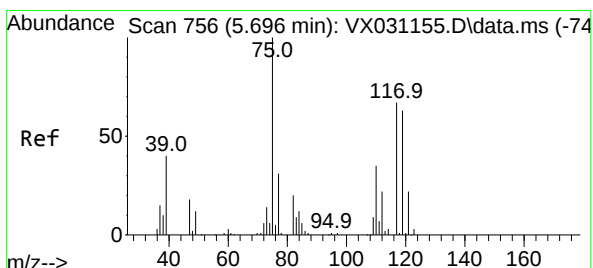
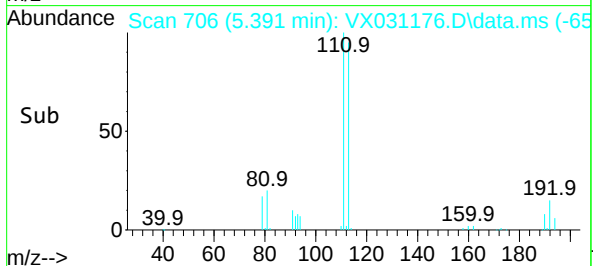
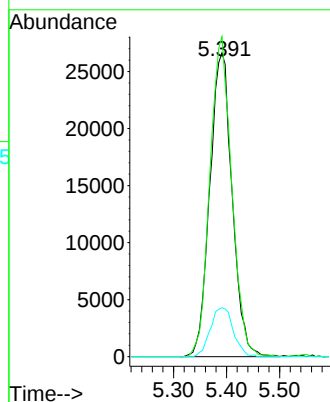
Tgt Ion:113 Resp: 77893

Ion Ratio Lower Upper

113 100

111 103.0 83.2 124.8

192 16.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 2.935 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX031176.D

Acq: 07 Sep 2022 21:56

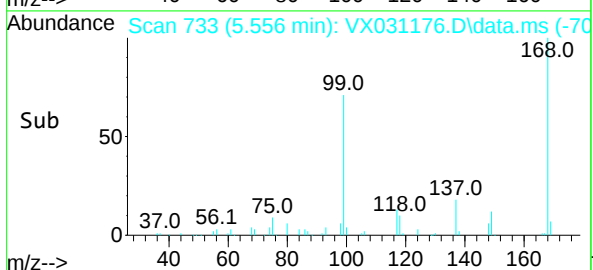
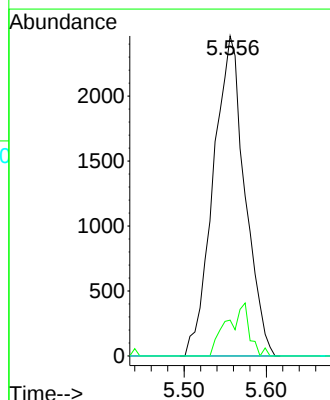
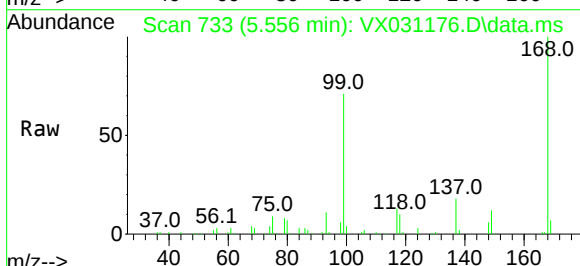
Tgt Ion: 75 Resp: 6576

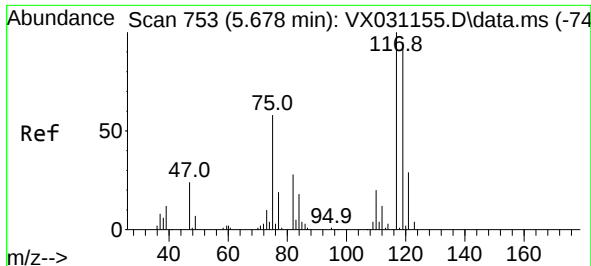
Ion Ratio Lower Upper

75 100

110 11.8 19.3 57.9#

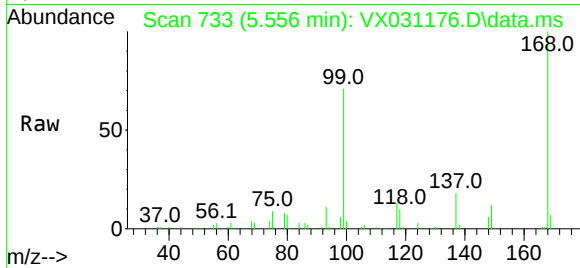
77 0.0 24.4 36.6#



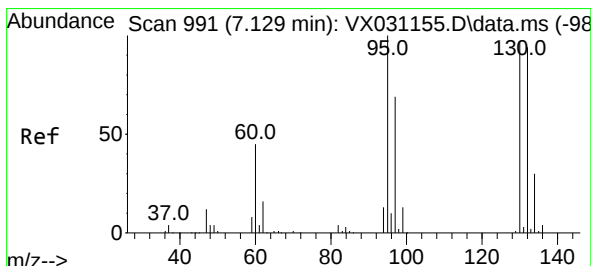
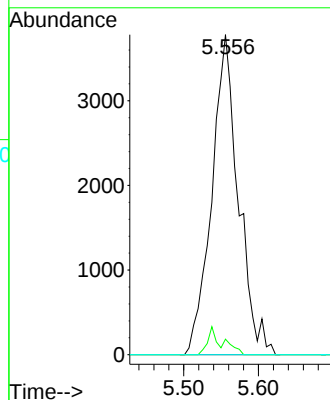
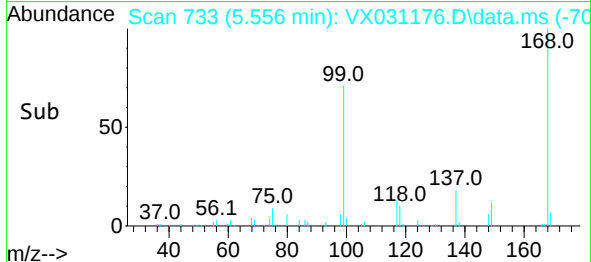


#38
Carbon Tetrachloride
Concen: 3.975 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220823RE

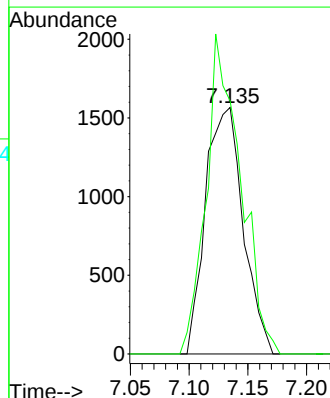
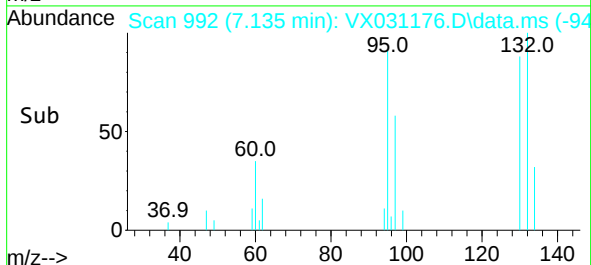
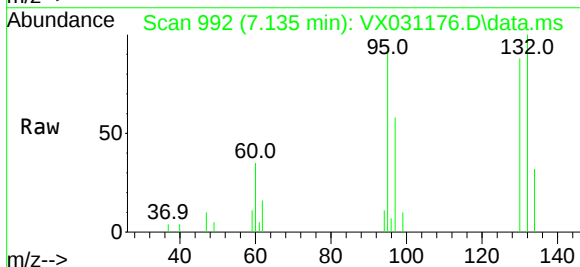


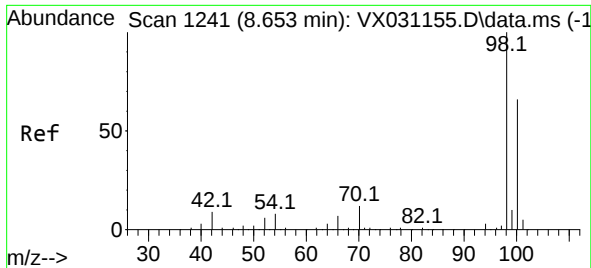
Tgt Ion:117 Resp: 9370
Ion Ratio Lower Upper
117 100
119 4.8 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 2.039 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

Tgt Ion:130 Resp: 3488
Ion Ratio Lower Upper
130 100
95 102.6 0.0 194.8

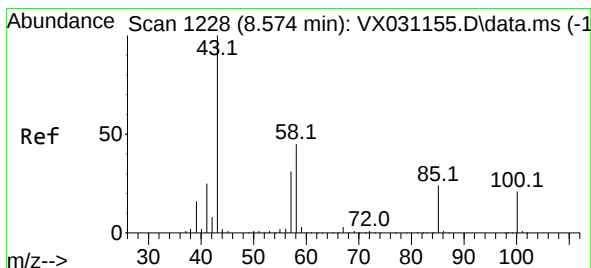
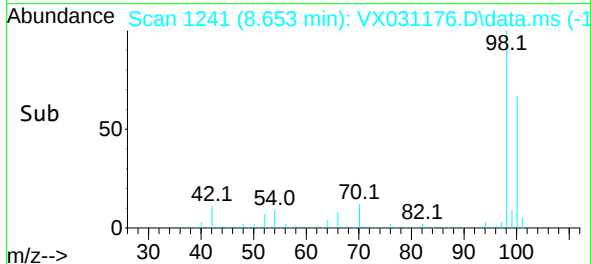
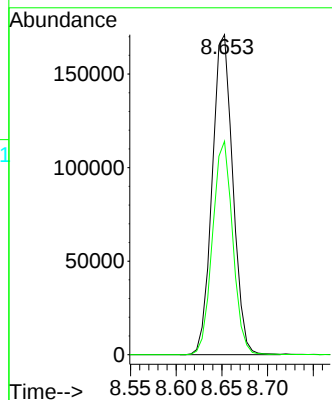
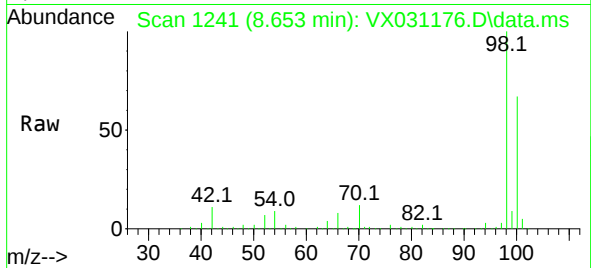




#50
Toluene-d8
Concen: 49.352 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

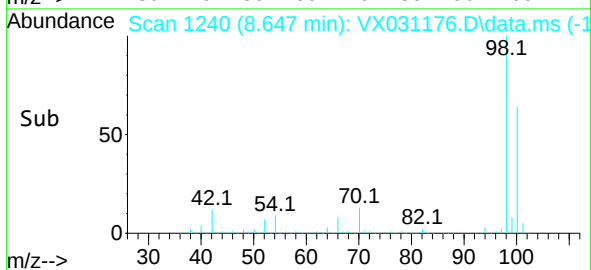
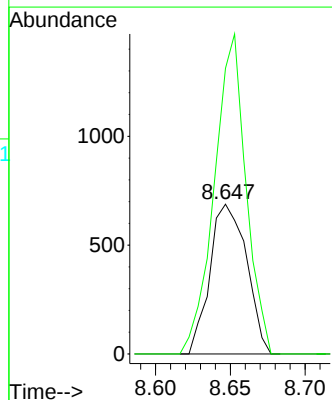
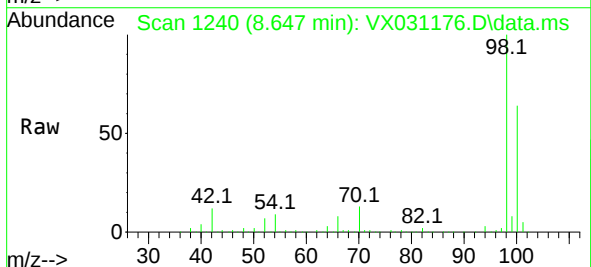
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RE134D1-20220823RE

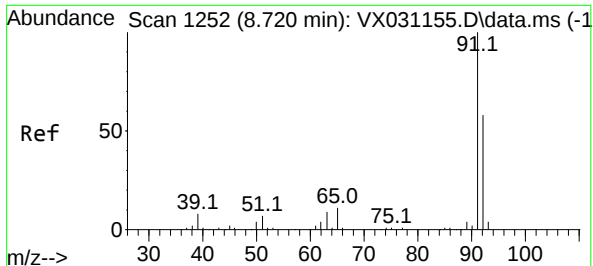
Tgt Ion: 98 Resp: 268230
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.612 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

Tgt Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
58 184.7 31.4 47.2#

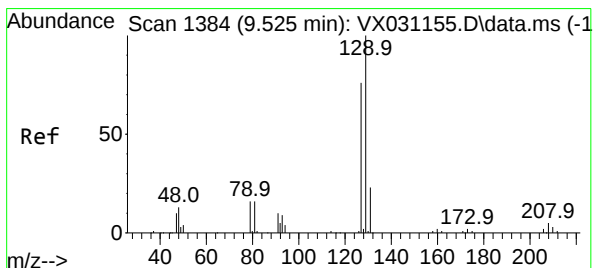
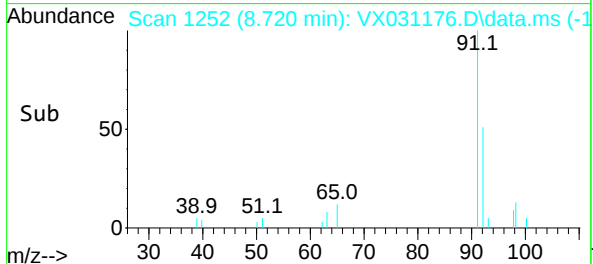
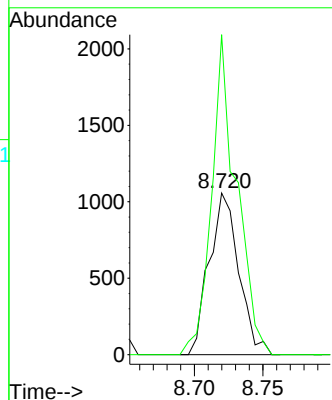
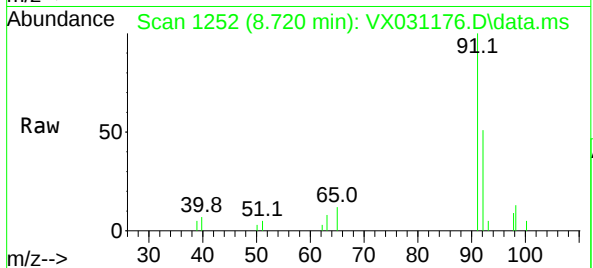




#52
Toluene
Concen: 0.396 ug/l
RT: 8.720 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

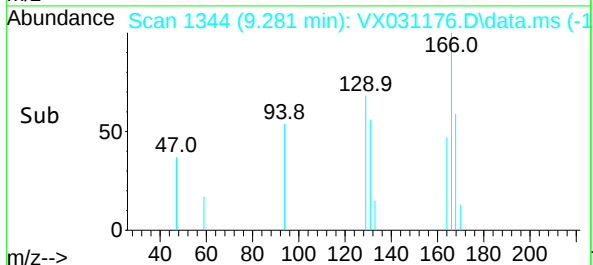
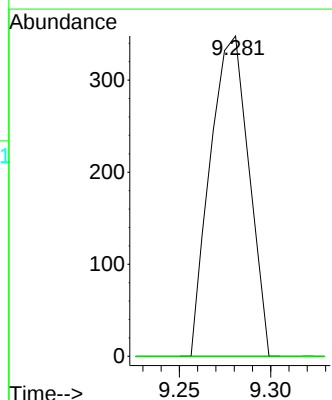
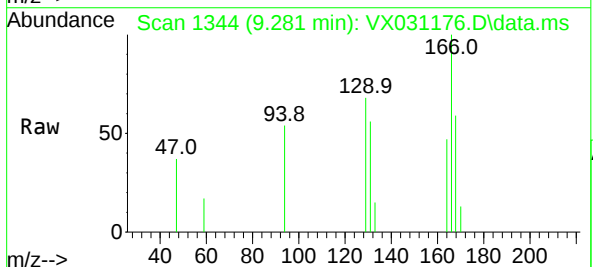
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220823RE

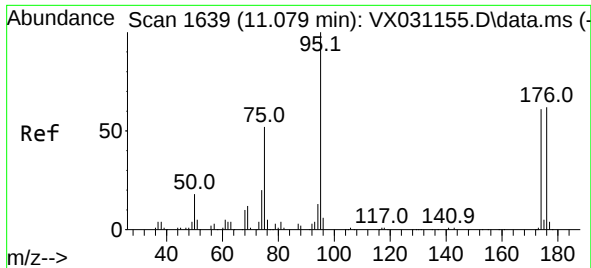
Tgt Ion: 92 Resp: 1588
Ion Ratio Lower Upper
92 100
91 166.7 139.2 208.8



#60
Dibromochloromethane
Concen: 0.301 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

Tgt Ion: 129 Resp: 512
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

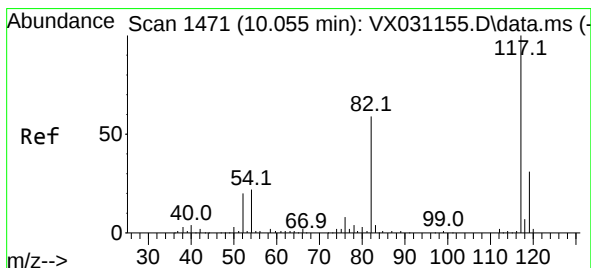
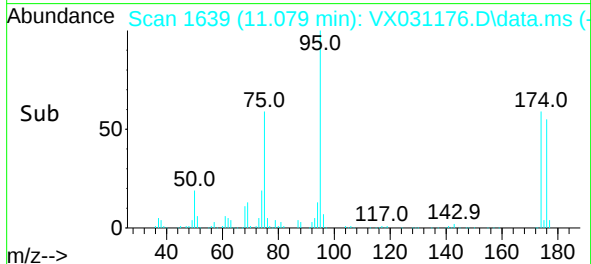
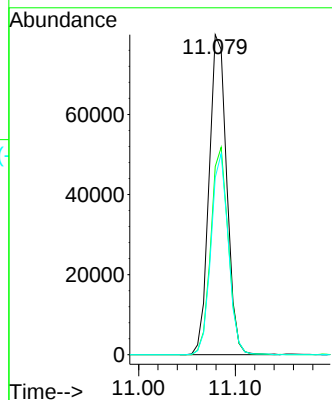
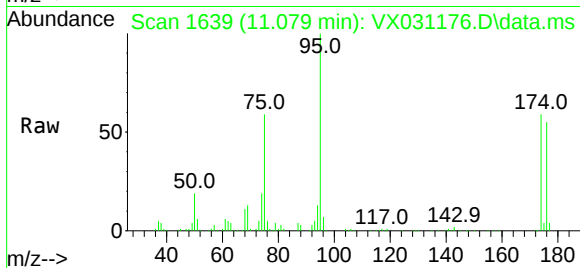




#62
4-Bromofluorobenzene
Concen: 51.003 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

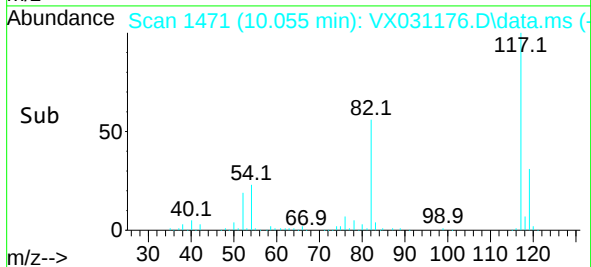
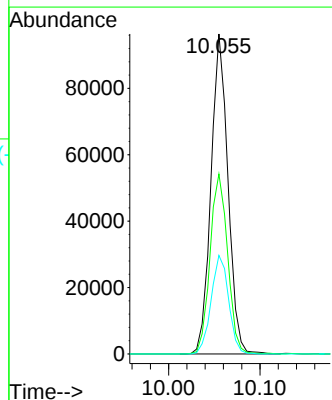
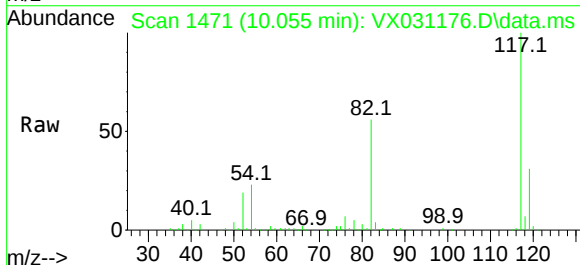
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220823RE

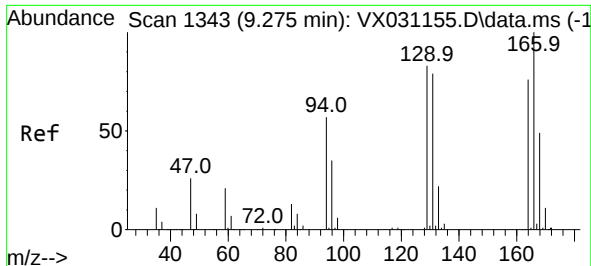
Tgt Ion: 95 Resp: 101587
Ion Ratio Lower Upper
95 100
174 64.1 0.0 149.0
176 61.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

Tgt Ion: 117 Resp: 124110
Ion Ratio Lower Upper
117 100
82 56.2 42.7 64.1
119 30.8 25.4 38.2

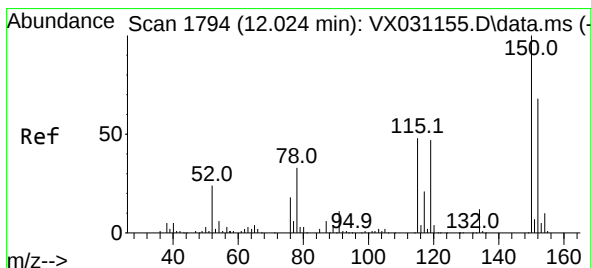
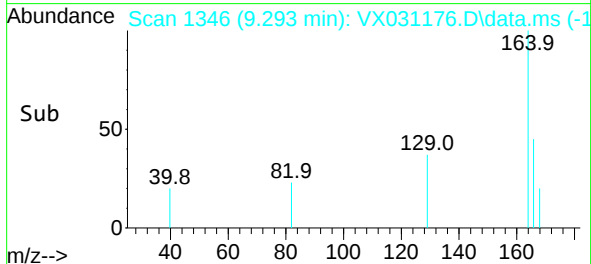
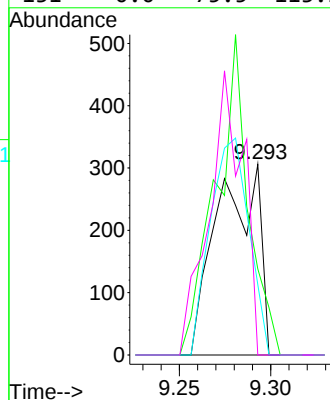
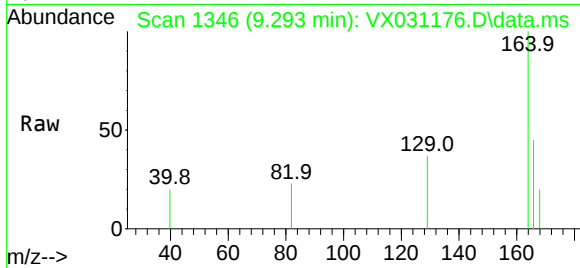




#64
Tetrachloroethene
Concen: 0.382 ug/l
RT: 9.293 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

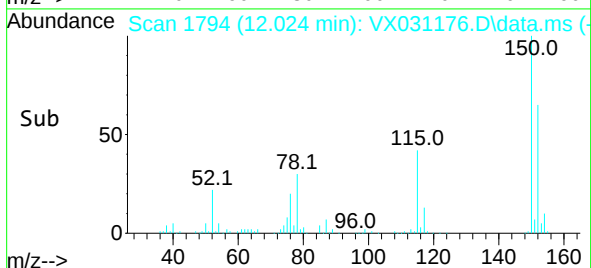
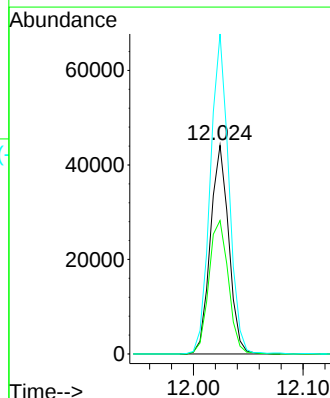
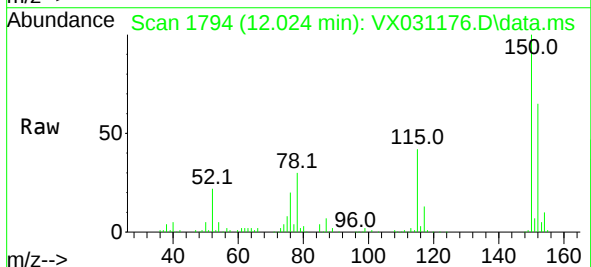
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220823RE

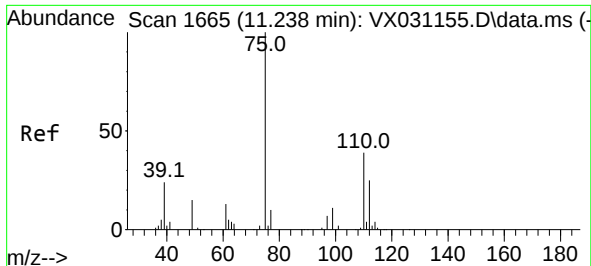
Tgt Ion:164	Resp:	494
Ion	Ratio	Lower Upper
164	100	
166	45.1	98.2 147.4#
129	36.9	80.8 121.2#
131	0.0	75.5 113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

Tgt Ion:152	Resp:	51333
Ion	Ratio	Lower Upper
152	100	
115	68.2	40.5 121.5
150	154.9	0.0 347.0

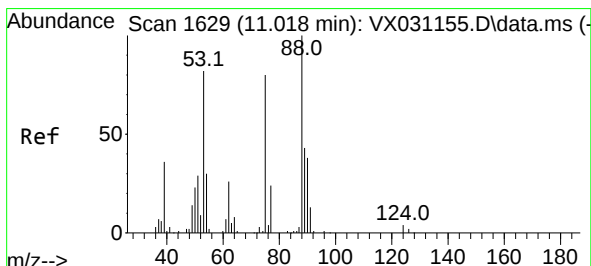
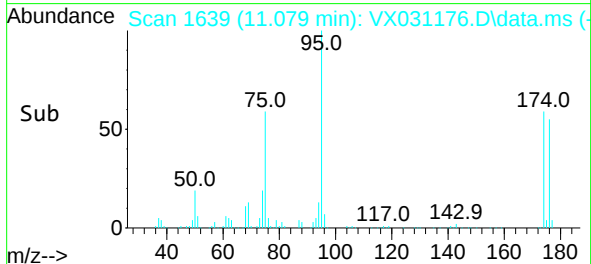
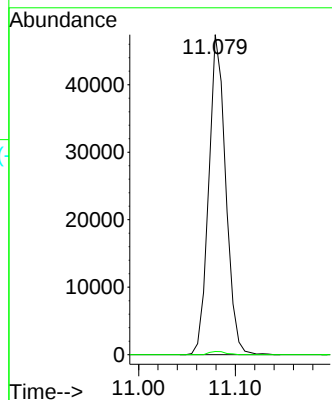
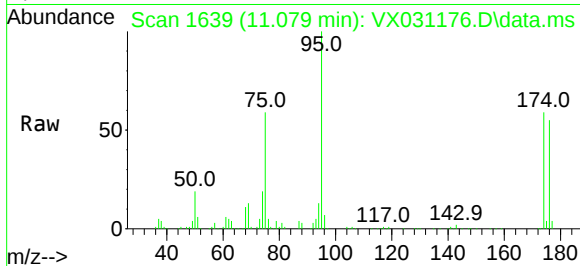




#76
1,2,3-Trichloropropane
Concen: 41.354 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220823RE

Tgt Ion: 75 Resp: 57936
Ion Ratio Lower Upper
75 100
77 1.0 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031176.D
Acq: 07 Sep 2022 21:56

Tgt Ion: 75 Resp: 57936
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

