

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031234.D
 Acq On : 09 Sep 2022 00:06
 Operator : JC/MD
 Sample : N4360-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20220824RE

Quant Time: Sep 09 01:12:58 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)

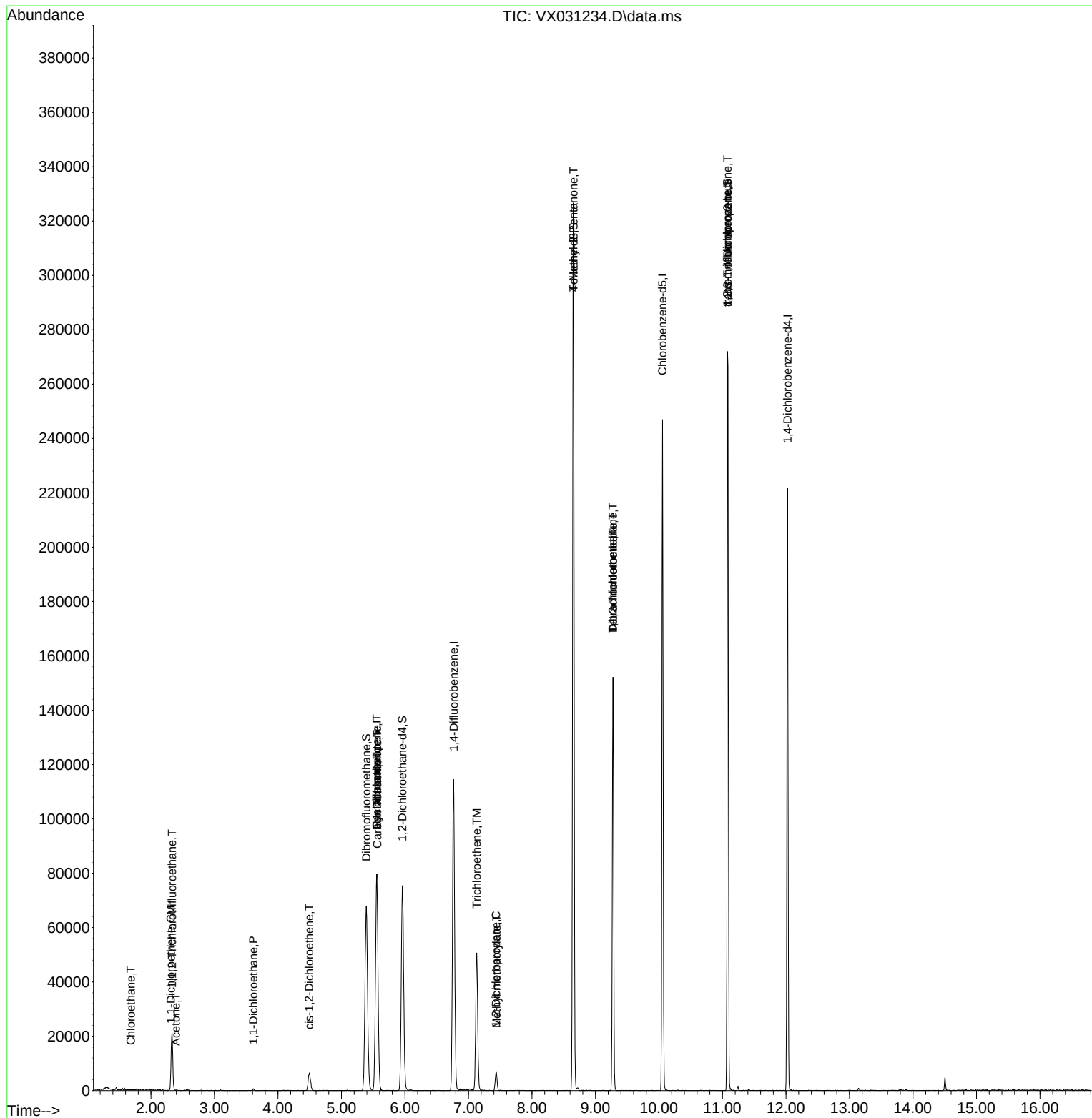
Internal Standards						
1) Pentafluorobenzene	5.556	168	63181	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83672	55.936	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.880%
35) Dibromofluoromethane	5.391	113	58076	48.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	8.653	98	193466	44.553	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.100%
62) 4-Bromofluorobenzene	11.079	95	76477	48.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	279	0.540	ug/l	# 41
9) 1,1,2-Trichlorotrifluo...	2.331	101	8333	7.342	ug/l	95
12) 1,1-Dichloroethene	2.313	96	357	0.335	ug/l	# 73
16) Acetone	2.392	43	370	0.714	ug/l	# 40
24) 1,1-Dichloroethane	3.611	63	753	0.377	ug/l	# 82
27) cis-1,2-Dichloroethene	4.489	96	4431	3.265	ug/l	88
31) Cyclohexane	5.556	56	1641	0.982	ug/l	# 22
36) 1,1-Dichloropropene	5.556	75	6170	3.447	ug/l	# 50
38) Carbon Tetrachloride	5.562	117	8657	4.597	ug/l	# 17
44) Trichloroethene	7.129	130	18919	13.842	ug/l	89
45) 1,2-Dichloropropane	7.434	63	2540	2.126	ug/l	# 84
48) Methyl methacrylate	7.440	41	1738	1.426	ug/l	# 29
51) 4-Methyl-2-Pentanone	8.653	43	803	0.524	ug/l	# 1
55) 1,1,2-Trichloroethane	9.275	97	273	0.207	ug/l	# 30
60) Dibromochloromethane	9.275	129	27852	20.489	ug/l	# 11
64) Tetrachloroethene	9.275	164	26540	25.381	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	43065	36.247	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	43065	116.894	ug/l	# 12

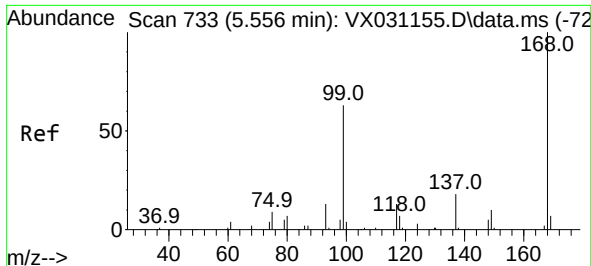
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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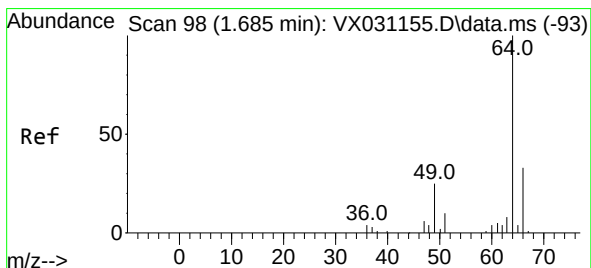
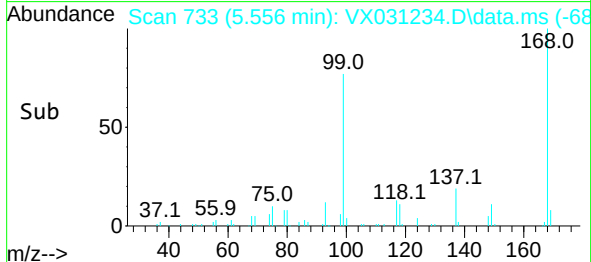
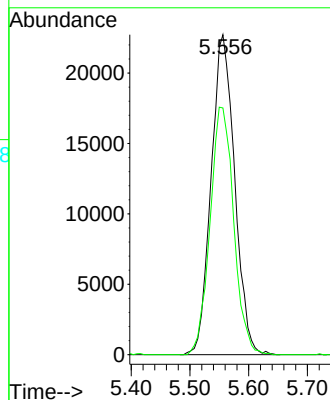
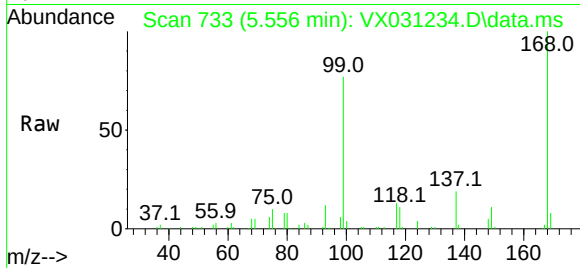




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031234.D
Acq: 09 Sep 2022 00:06

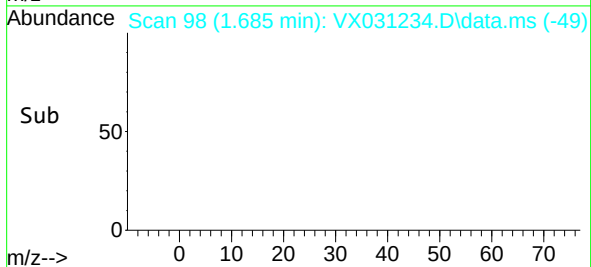
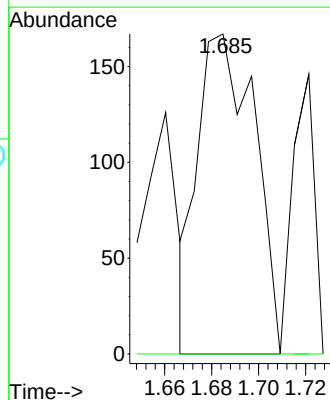
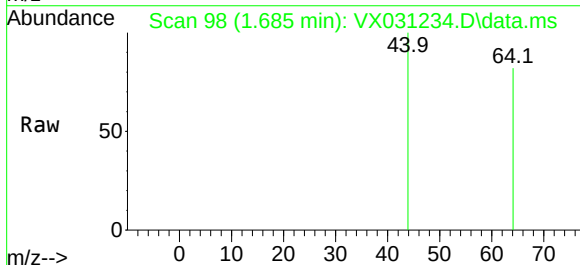
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824RE

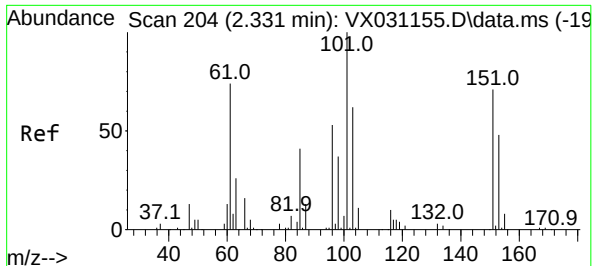
Tgt Ion:168 Resp: 63181
Ion Ratio Lower Upper
168 100
99 77.1 44.0 66.0#



#6
Chloroethane
Concen: 0.540 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX031234.D
Acq: 09 Sep 2022 00:06

Tgt Ion: 64 Resp: 279
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

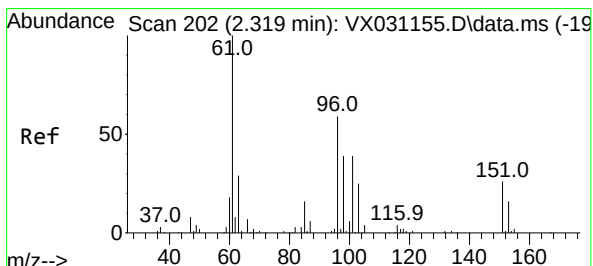
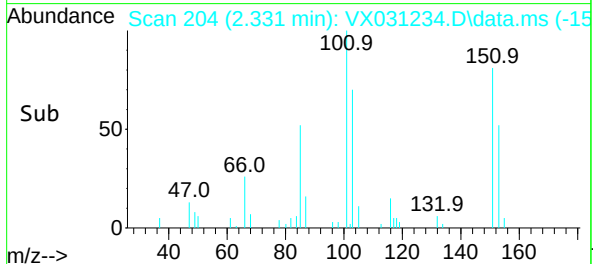
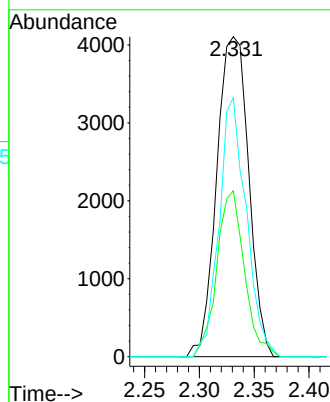
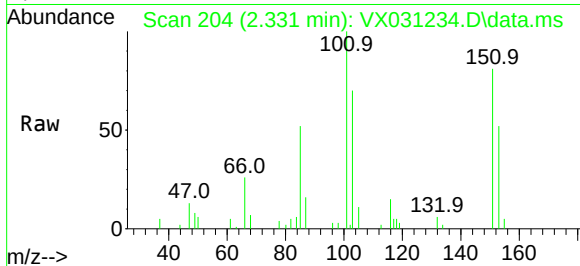




#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.342 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX031234.D
Acq: 09 Sep 2022 00:06

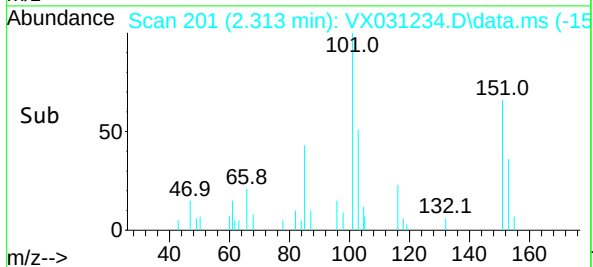
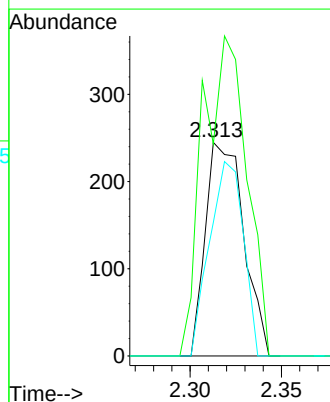
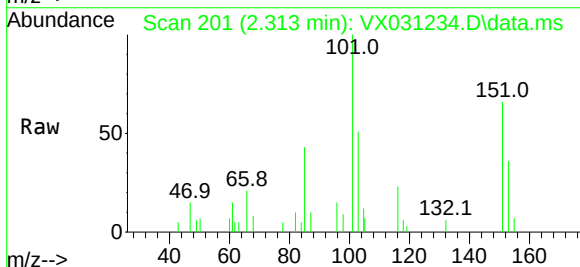
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824RE

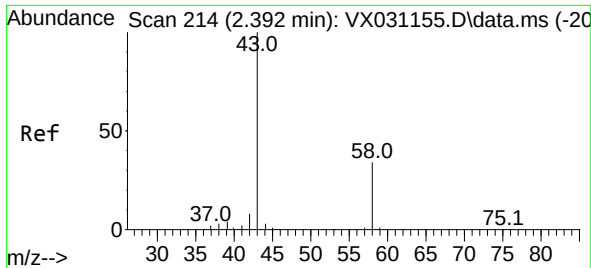
Tgt Ion:101 Resp: 8333
Ion Ratio Lower Upper
101 100
85 44.8 34.0 51.0
151 68.9 59.4 89.0



#12
1,1-Dichloroethene
Concen: 0.335 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX031234.D
Acq: 09 Sep 2022 00:06

Tgt Ion: 96 Resp: 357
Ion Ratio Lower Upper
96 100
61 99.2 117.4 176.0#
98 62.4 52.2 78.4

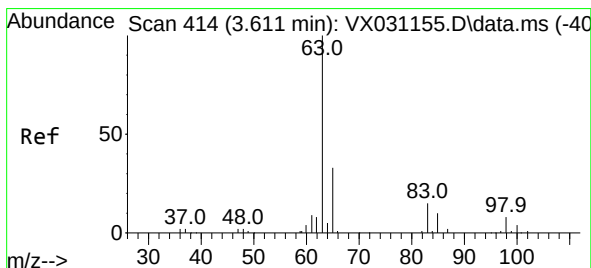
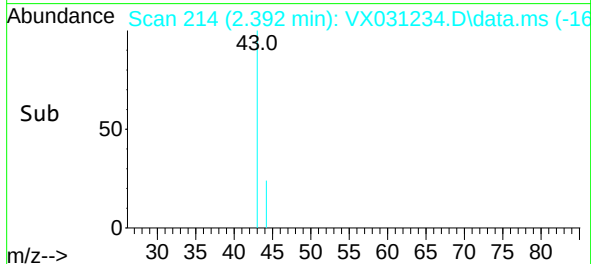
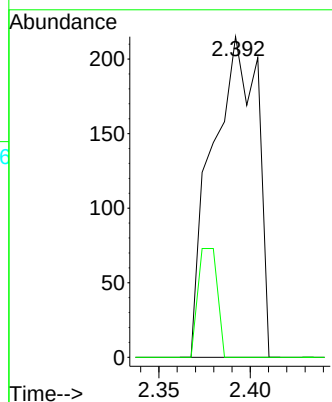
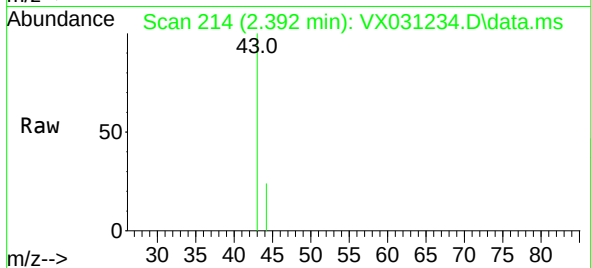




#16
Acetone
Concen: 0.714 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX031234.D
Acq: 09 Sep 2022 00:06

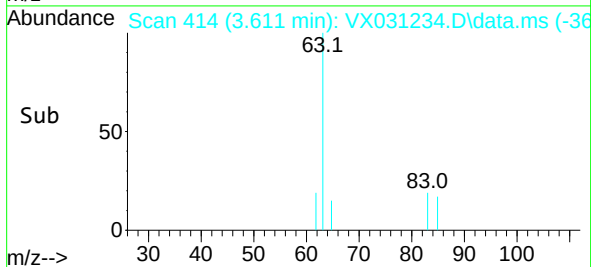
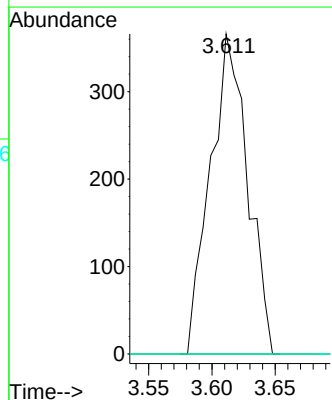
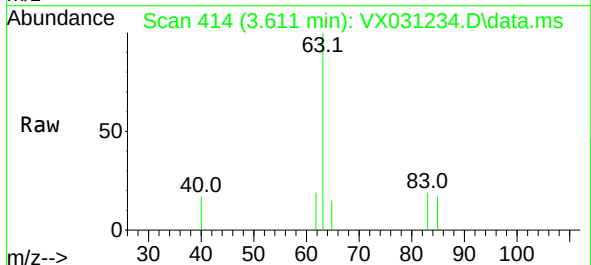
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824RE

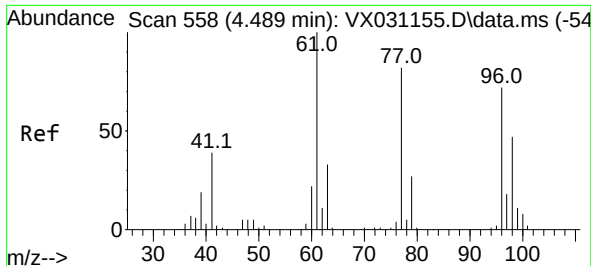
Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#24
1,1-Dichloroethane
Concen: 0.377 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX031234.D
Acq: 09 Sep 2022 00:06

Tgt Ion: 63 Resp: 753
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.5#
100 0.0 2.3 6.9#





#27

cis-1,2-Dichloroethene

Concen: 3.265 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031234.D

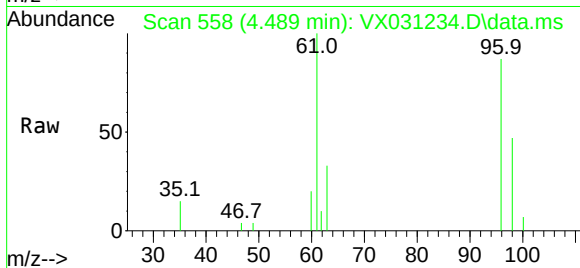
Acq: 09 Sep 2022 00:06

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20220824RE



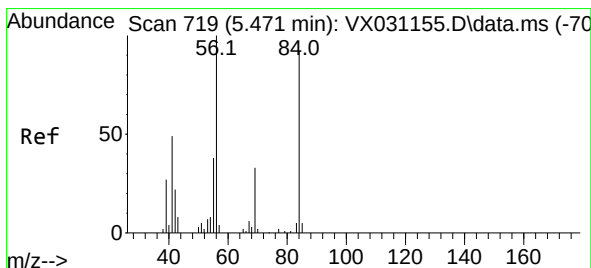
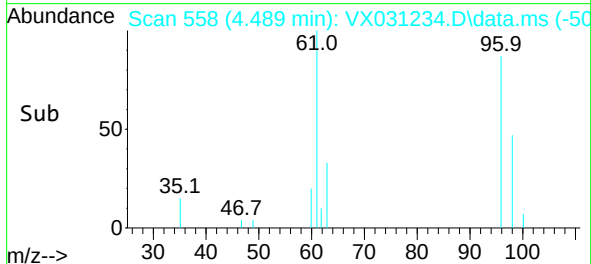
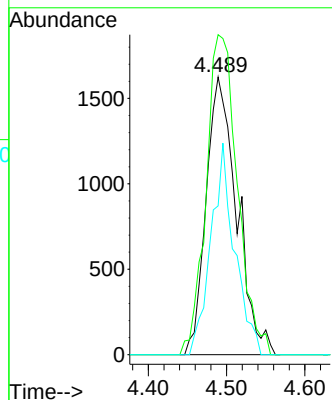
Tgt Ion: 96 Resp: 4431

Ion Ratio Lower Upper

96 100

61 117.4 0.0 270.0

98 58.6 0.0 127.8



#31

Cyclohexane

Concen: 0.982 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX031234.D

Acq: 09 Sep 2022 00:06

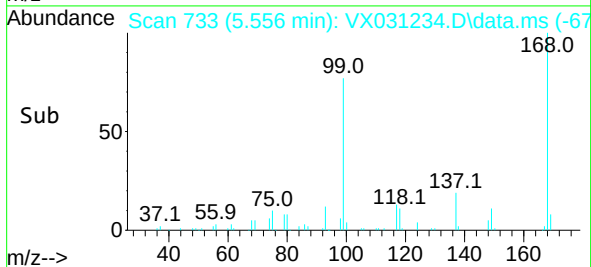
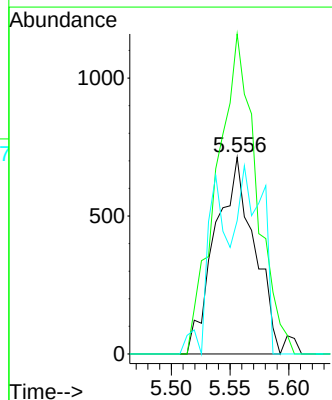
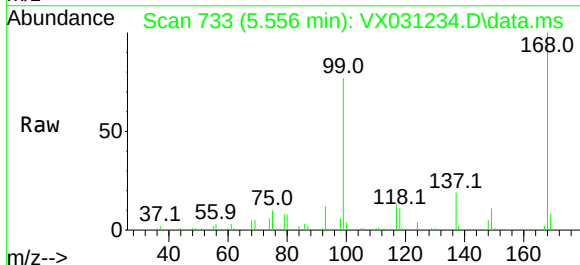
Tgt Ion: 56 Resp: 1641

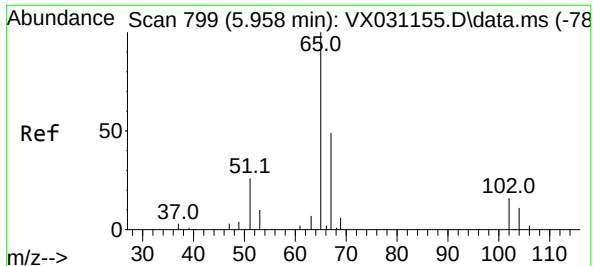
Ion Ratio Lower Upper

56 100

69 162.7 25.4 38.0#

84 67.7 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 55.936 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031234.D

Acq: 09 Sep 2022 00:06

Instrument :

MSVOA_X

ClientSampleId :

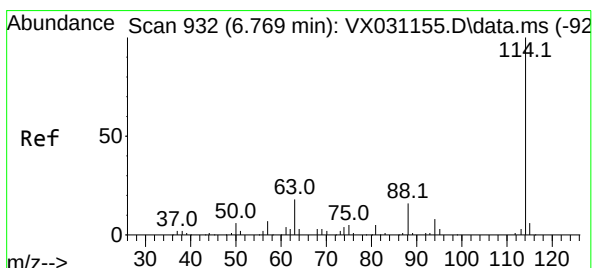
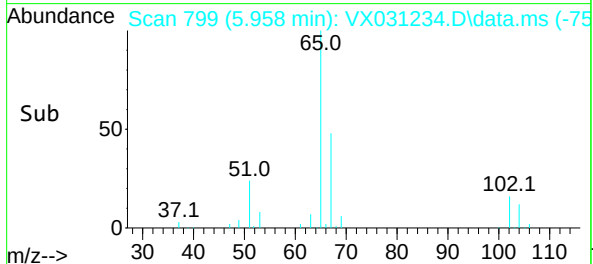
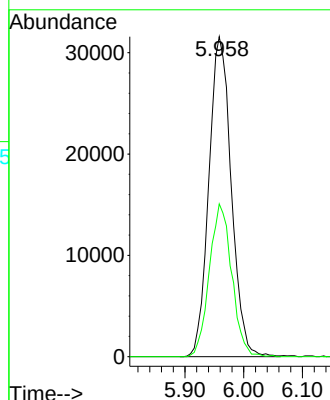
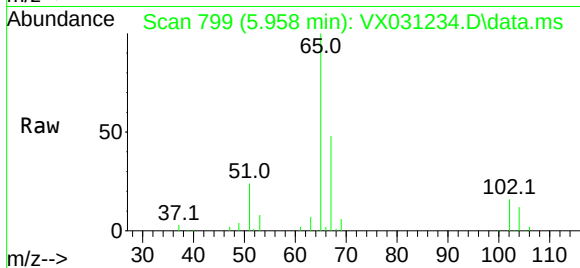
RE135D3-20220824RE

Tgt Ion: 65 Resp: 83672

Ion Ratio Lower Upper

65 100

67 47.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031234.D

Acq: 09 Sep 2022 00:06

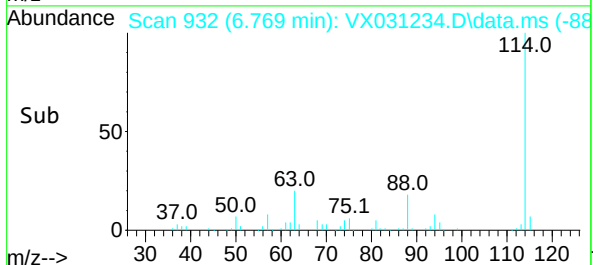
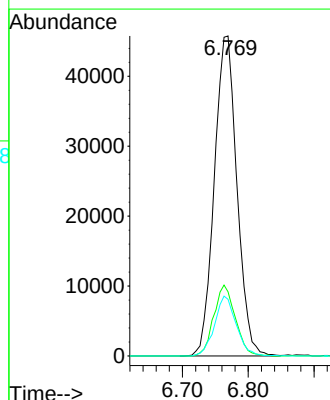
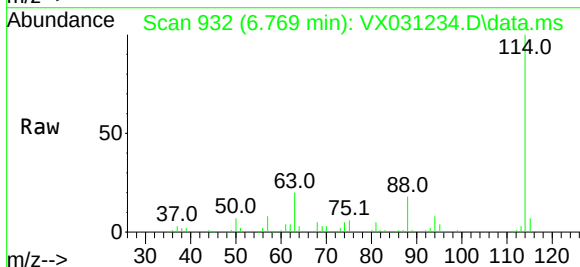
Tgt Ion: 114 Resp: 109677

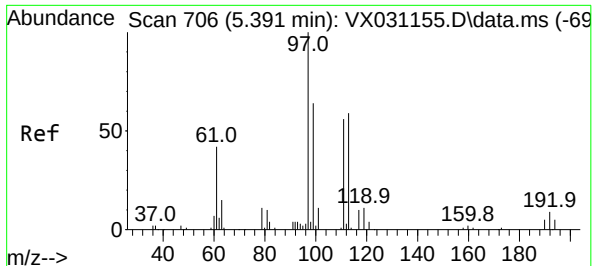
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

88 17.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.592 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031234.D

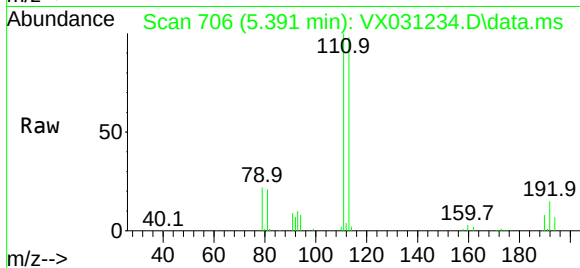
Acq: 09 Sep 2022 00:06

Instrument :

MSVOA_X

ClientSampleId :

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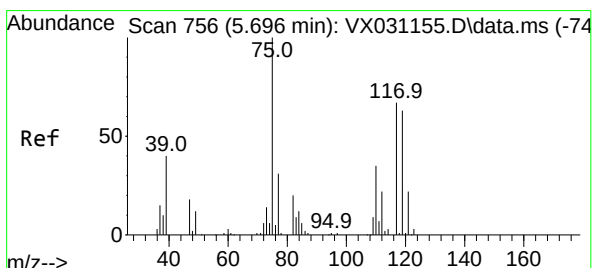
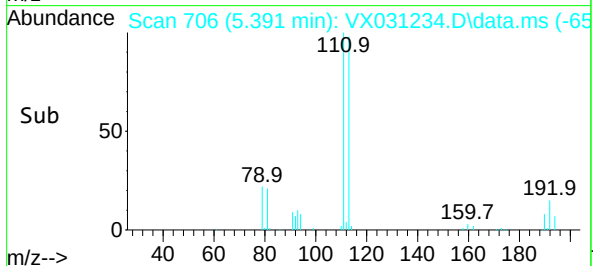
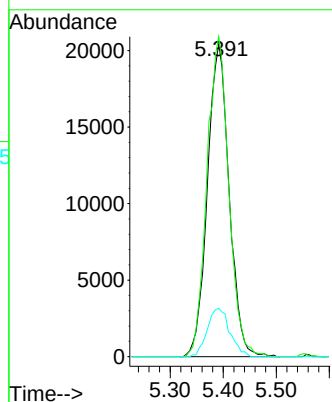
Tgt Ion:113 Resp: 58076

Ion Ratio Lower Upper

113 100

111 102.8 83.2 124.8

192 16.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.447 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX031234.D

Acq: 09 Sep 2022 00:06

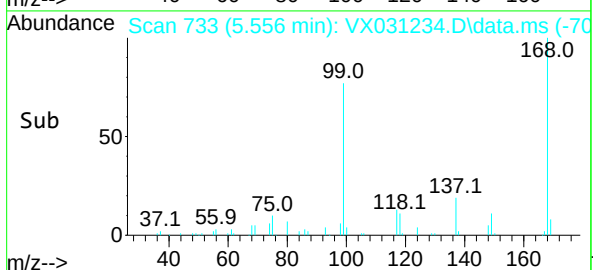
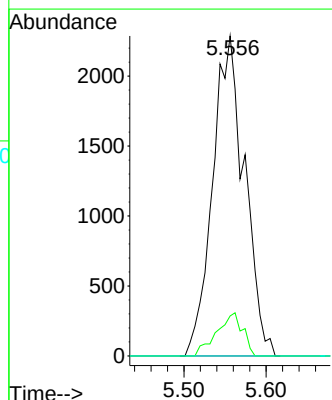
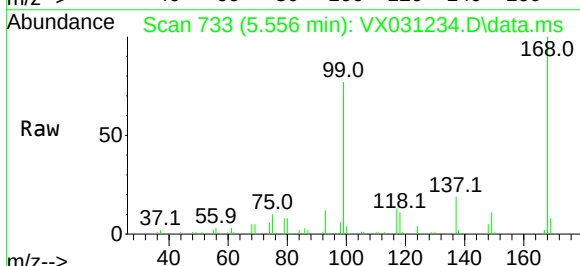
Tgt Ion: 75 Resp: 6170

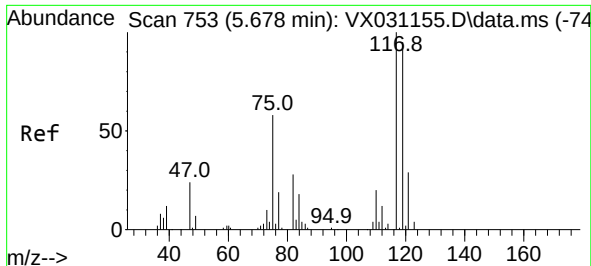
Ion Ratio Lower Upper

75 100

110 11.0 19.3 57.9#

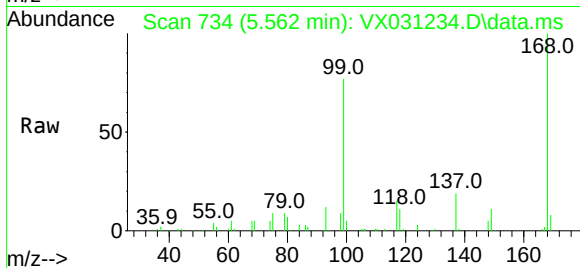
77 0.0 24.4 36.6#



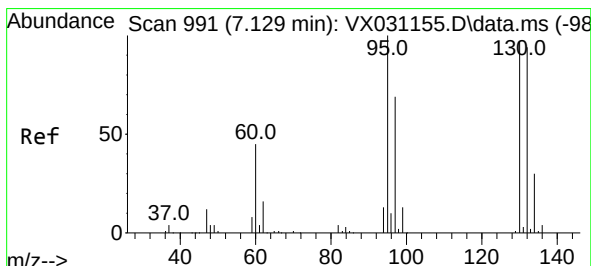
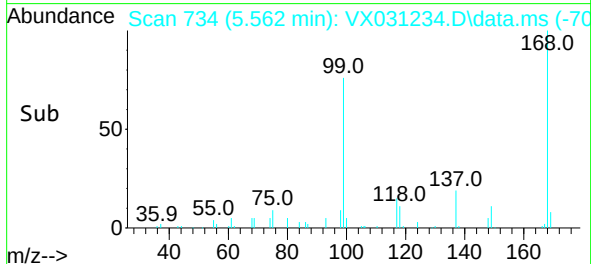
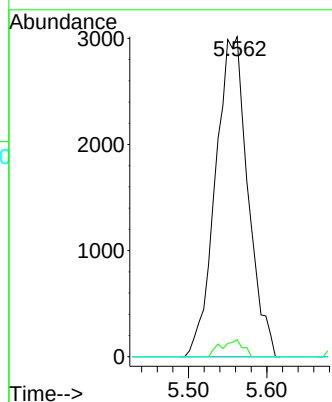


#38
Carbon Tetrachloride
Concen: 4.597 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX031234.D
Acq: 09 Sep 2022 00:06

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824RE

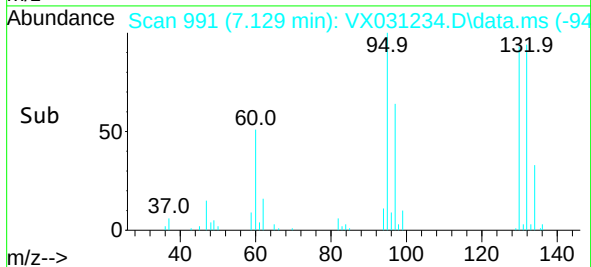
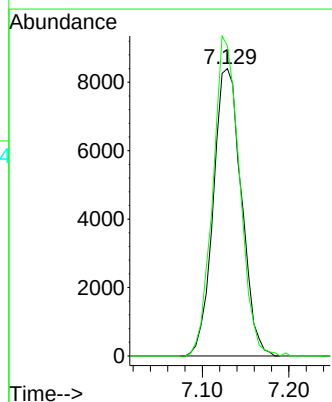
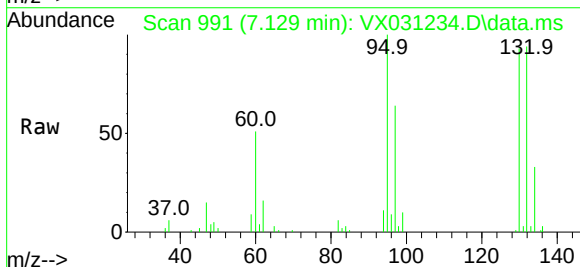


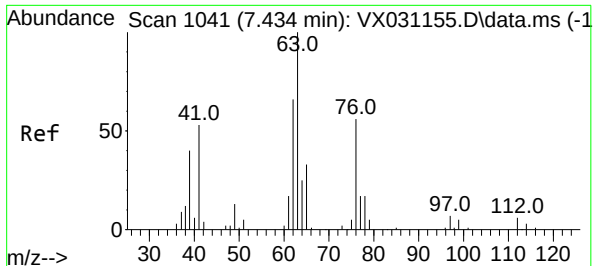
Tgt Ion:117 Resp: 8657
Ion Ratio Lower Upper
117 100
119 5.3 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 13.842 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031234.D
Acq: 09 Sep 2022 00:06

Tgt Ion:130 Resp: 18919
Ion Ratio Lower Upper
130 100
95 108.0 0.0 194.8





#45

1,2-Dichloropropane

Concen: 2.126 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031234.D

Acq: 09 Sep 2022 00:06

Instrument :

MSVOA_X

ClientSampleId :

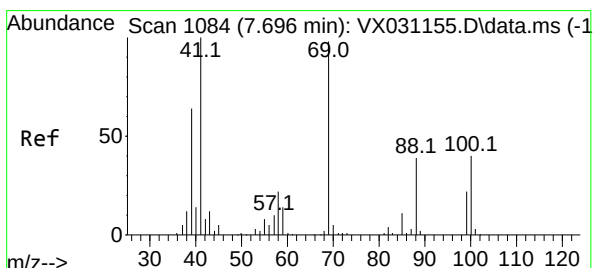
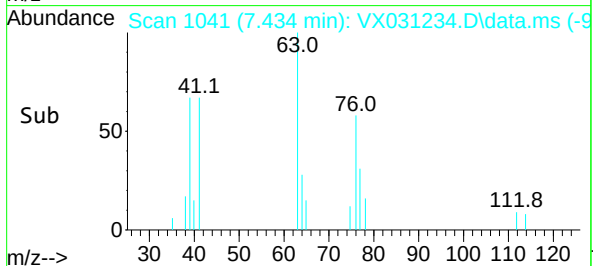
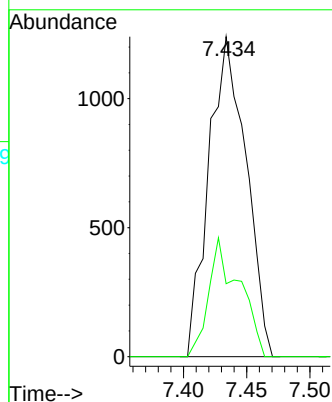
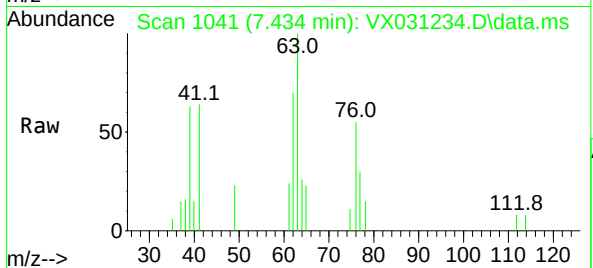
RE135D3-20220824RE

Tgt Ion: 63 Resp: 2540

Ion Ratio Lower Upper

63 100

65 22.8 25.2 37.8#



#48

Methyl methacrylate

Concen: 1.426 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. -0.256 min

Lab File: VX031234.D

Acq: 09 Sep 2022 00:06

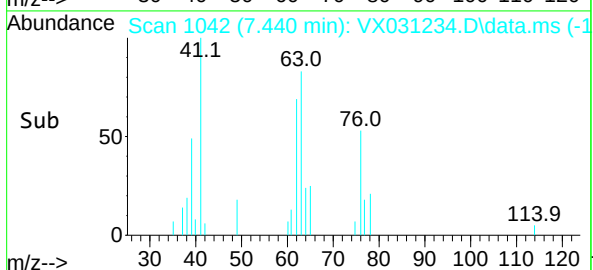
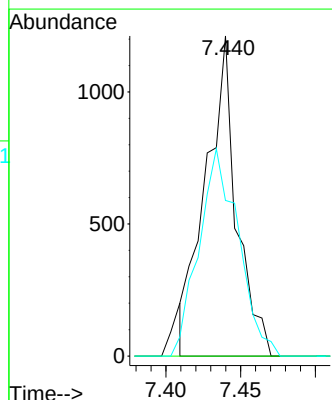
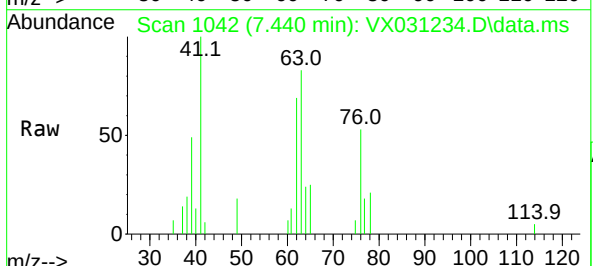
Tgt Ion: 41 Resp: 1738

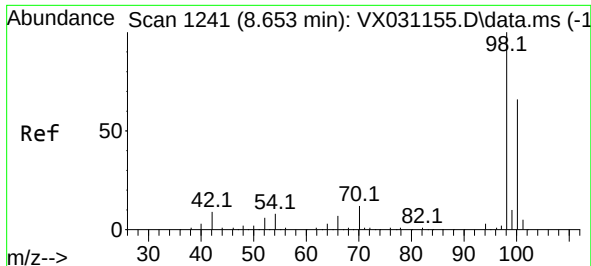
Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

39 81.2 44.6 66.8#





#50

Toluene-d8

Concen: 44.553 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031234.D

Acq: 09 Sep 2022 00:06

Instrument :

MSVOA_X

ClientSampleId :

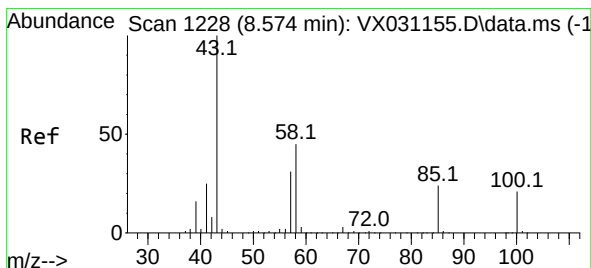
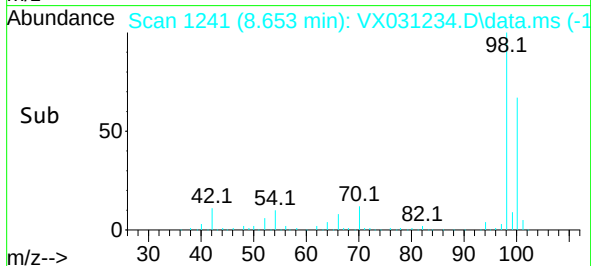
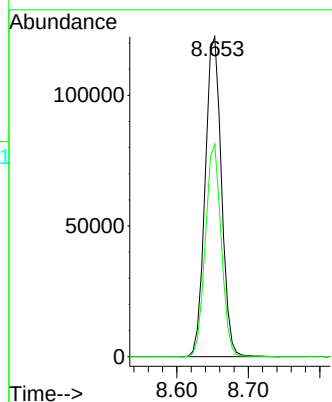
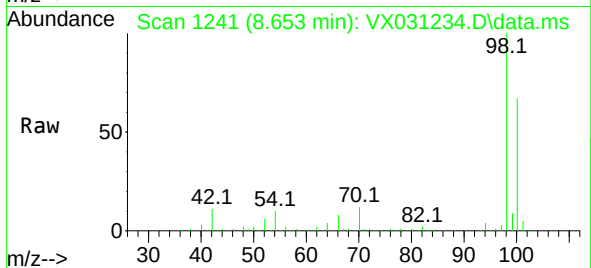
RE135D3-20220824RE

Tgt Ion: 98 Resp: 193466

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.524 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX031234.D

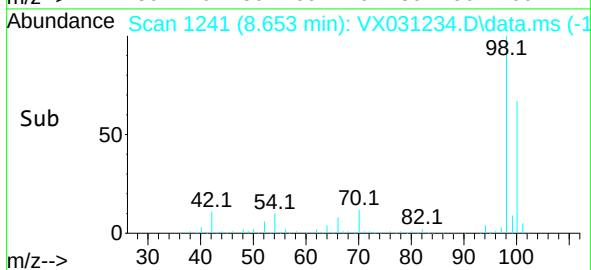
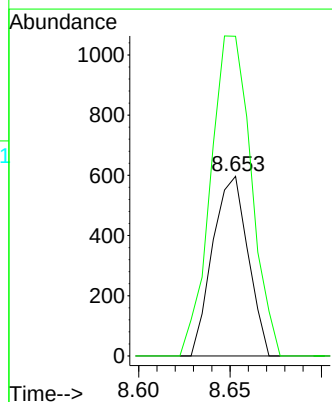
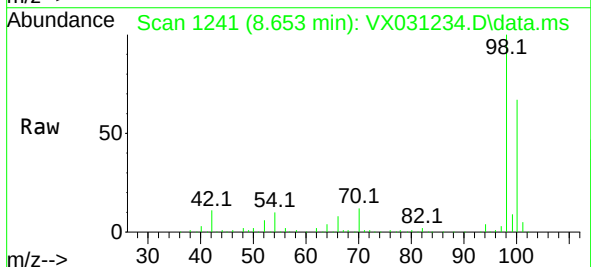
Acq: 09 Sep 2022 00:06

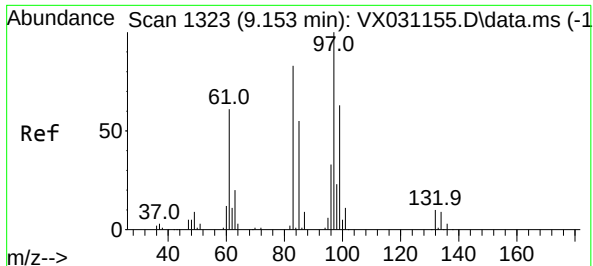
Tgt Ion: 43 Resp: 803

Ion Ratio Lower Upper

43 100

58 204.9 31.4 47.2#





#55

1,1,2-Trichloroethane

Concen: 0.207 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.122 min

Lab File: VX031234.D

Acq: 09 Sep 2022 00:06

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20220824RE

Tgt Ion: 97 Resp: 273

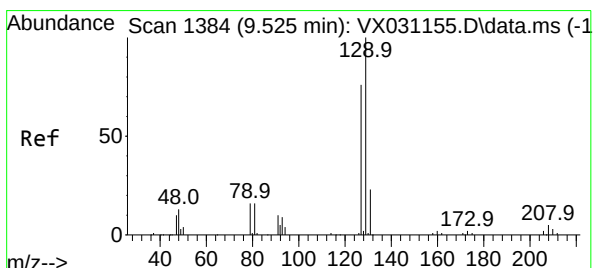
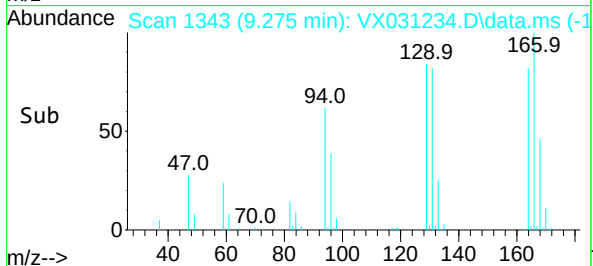
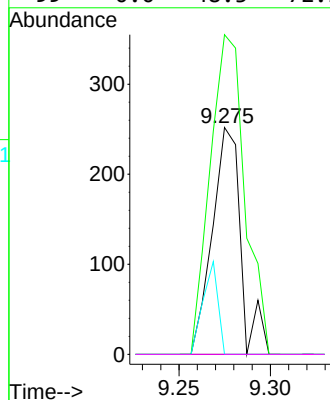
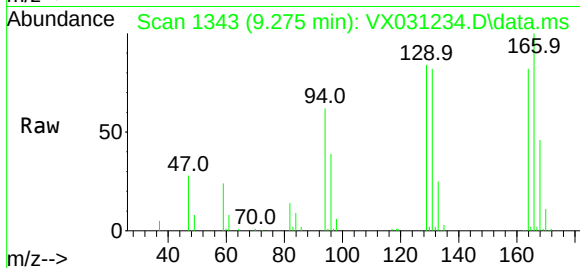
Ion Ratio Lower Upper

97 100

83 140.9 68.9 103.3#

85 0.0 44.0 66.0#

99 0.0 48.3 72.5#



#60

Dibromochloromethane

Concen: 20.489 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX031234.D

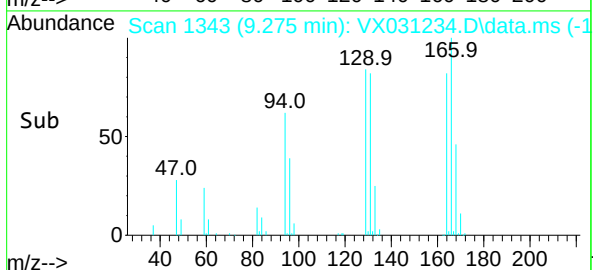
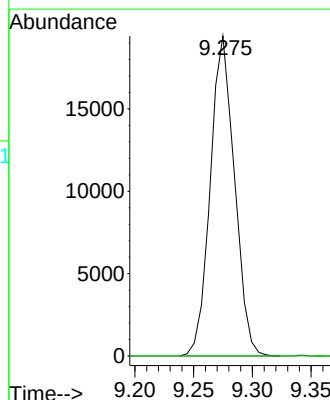
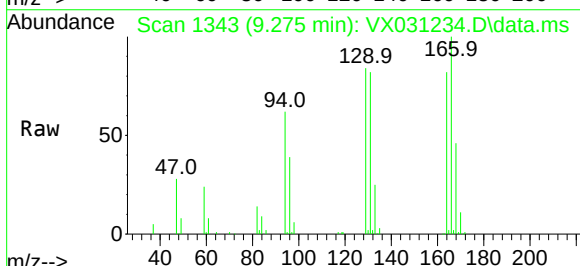
Acq: 09 Sep 2022 00:06

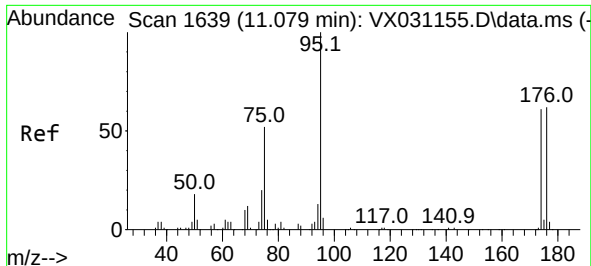
Tgt Ion: 129 Resp: 27852

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 48.058 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031234.D

Acq: 09 Sep 2022 00:06

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20220824RE

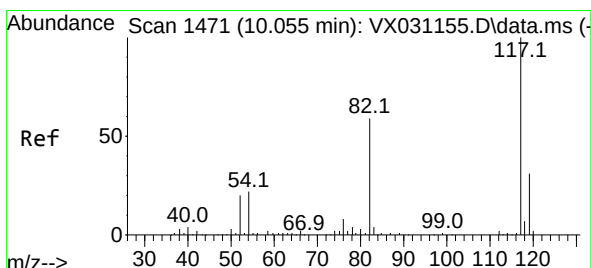
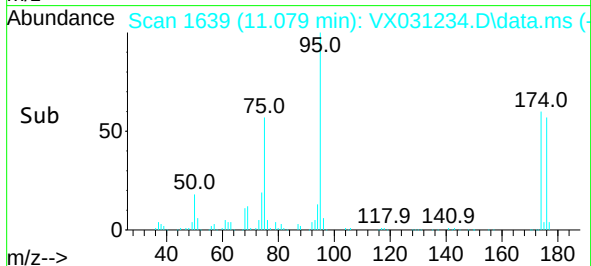
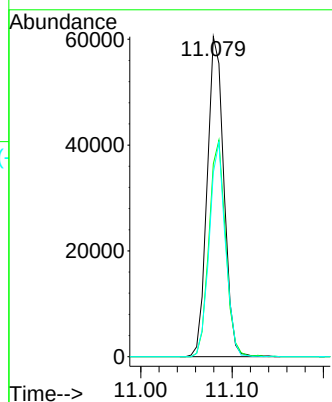
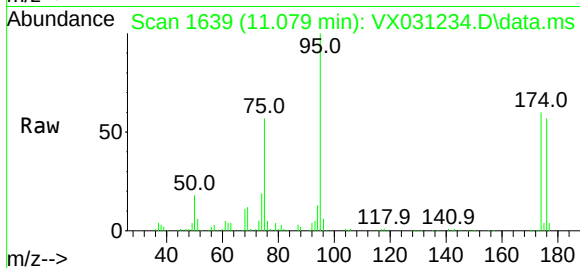
Tgt Ion: 95 Resp: 76477

Ion Ratio Lower Upper

95 100

174 67.1 0.0 149.0

176 64.5 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: VX031234.D

Acq: 09 Sep 2022 00:06

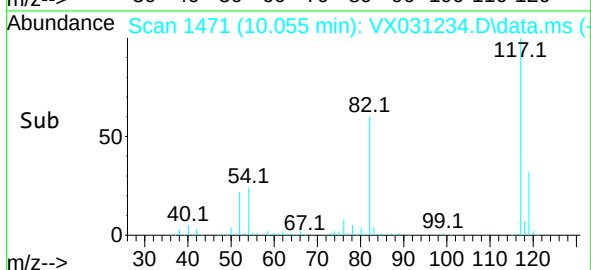
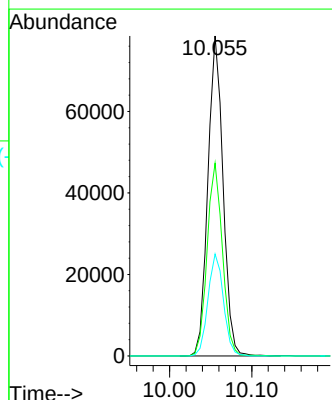
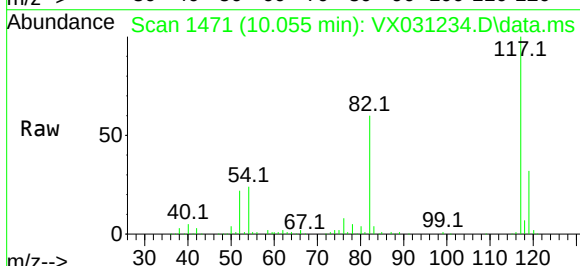
Tgt Ion: 117 Resp: 100446

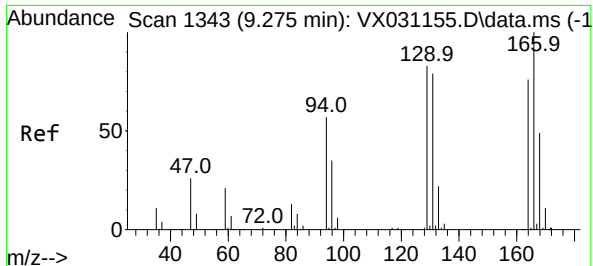
Ion Ratio Lower Upper

117 100

82 60.3 42.7 64.1

119 31.8 25.4 38.2

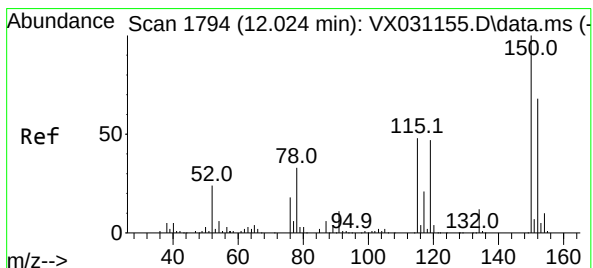
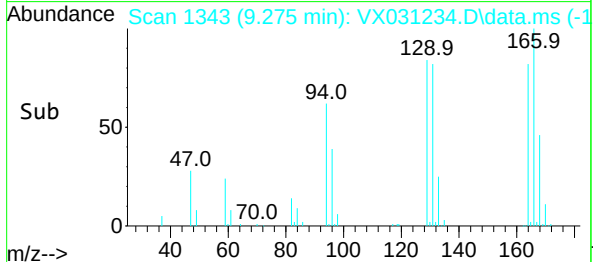
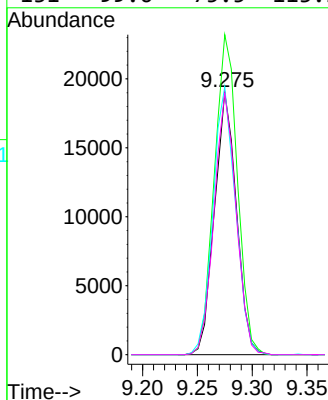
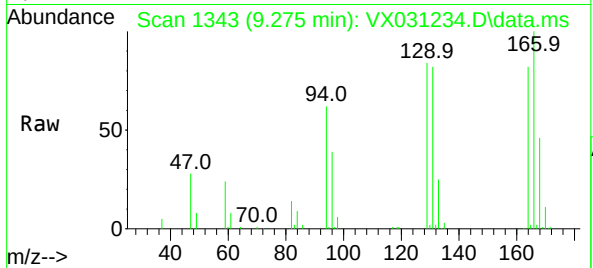




#64
Tetrachloroethene
Concen: 25.381 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031234.D
Acq: 09 Sep 2022 00:06

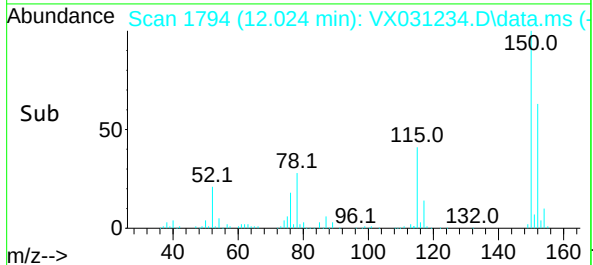
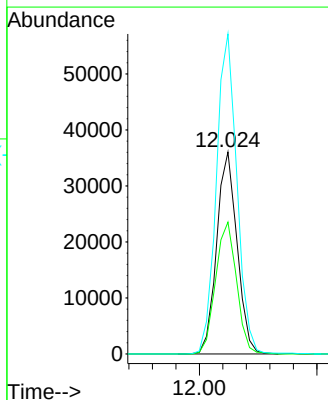
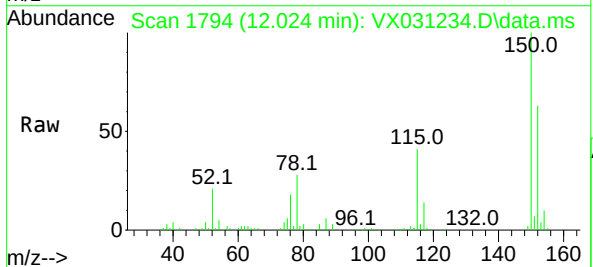
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824RE

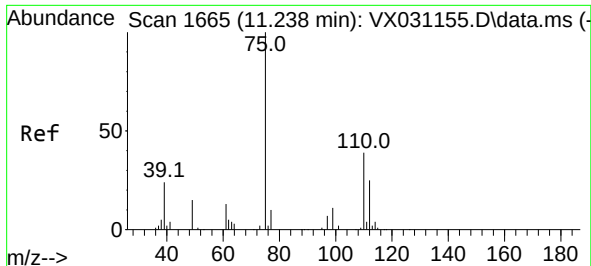
Tgt	Ion:164	Resp:	26540
Ion	Ratio	Lower	Upper
164	100		
166	121.8	98.2	147.4
129	102.0	80.8	121.2
131	99.6	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031234.D
Acq: 09 Sep 2022 00:06

Tgt Ion:152	Resp:	43533	
Ion	Ratio	Lower	Upper
152	100		
115	67.1	40.5	121.5
150	160.0	0.0	347.0

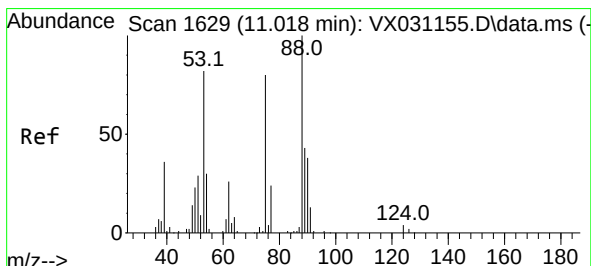
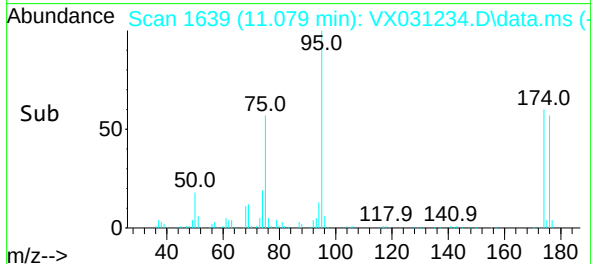
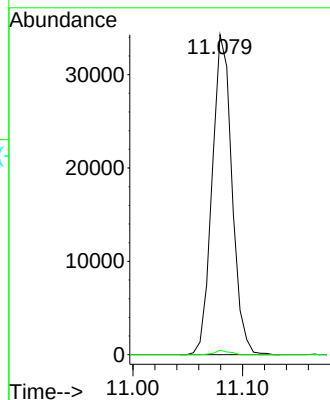
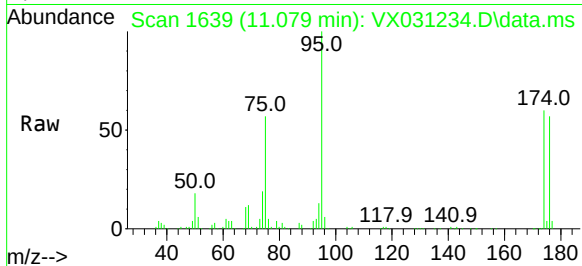




#76
1,2,3-Trichloropropane
Concen: 36.247 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031234.D
Acq: 09 Sep 2022 00:06

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824RE

Tgt Ion: 75 Resp: 43065
Ion Ratio Lower Upper
75 100
77 1.0 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031234.D
Acq: 09 Sep 2022 00:06

Tgt Ion: 75 Resp: 43065
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

