

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027804.D
 Acq On : 30 Mar 2022 12:43
 Operator : JC/MD
 Sample : N2041-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20220317

Quant Time: Mar 31 05:47:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

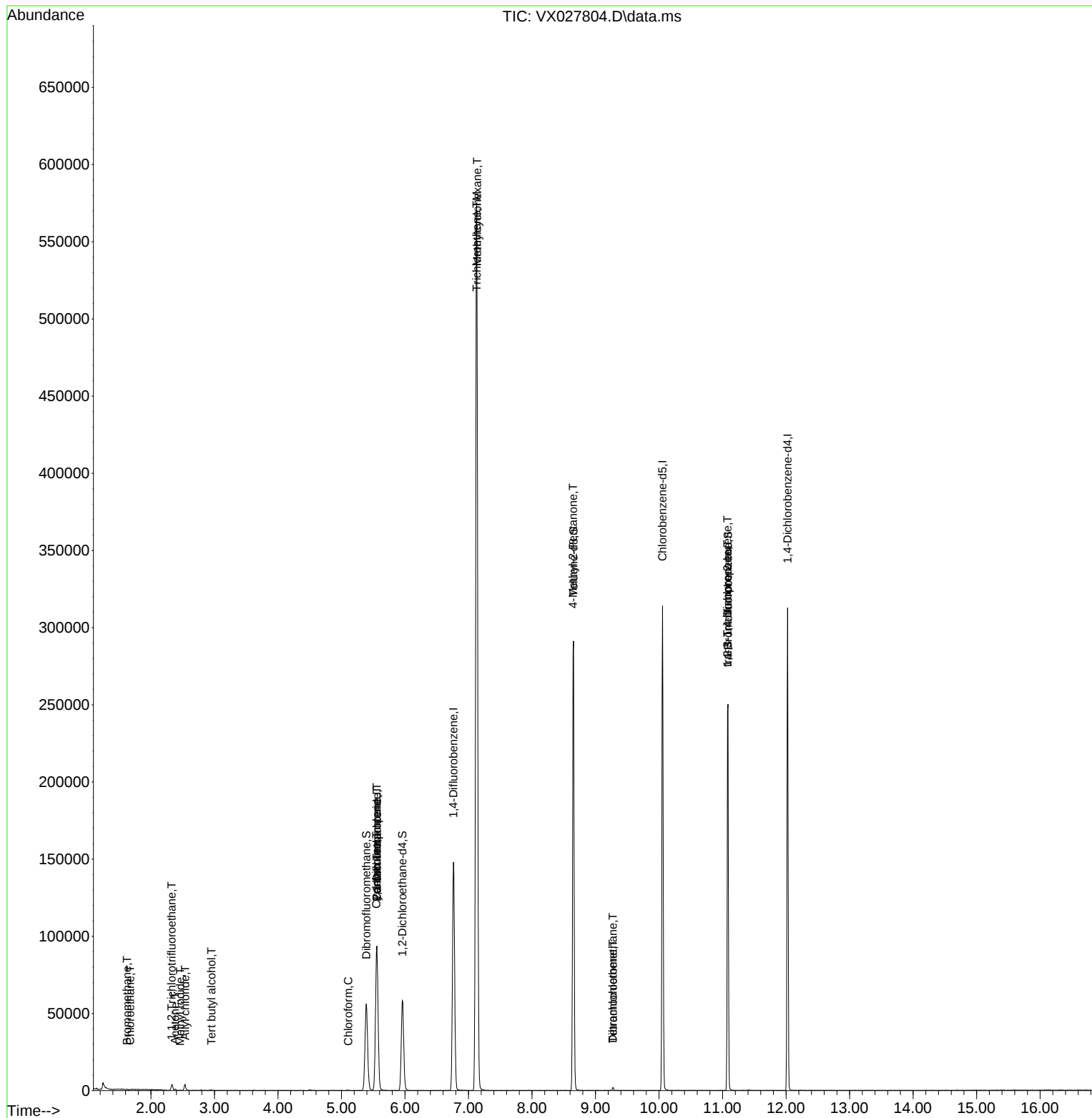
Internal Standards						
1) Pentafluorobenzene	5.556	168	85745	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	148098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58307	52.702	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	105.400%	
35) Dibromofluoromethane	5.391	113	48771	51.019	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	102.040%	
50) Toluene-d8	8.653	98	169274	50.328	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	100.660%	
62) 4-Bromofluorobenzene	11.085	95	68182	47.702	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	95.400%	
Target Compounds						
						Qvalue
5) Bromomethane	1.624	94	132	0.416	ug/l	# 73
6) Chloroethane	1.672	64	158	0.333	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.325	101	1611	2.007	ug/l	95
10) Methyl Iodide	2.459	142	188	0.202	ug/l	# 54
11) Tert butyl alcohol	2.953	59	192	0.903	ug/l	# 72
14) Allyl chloride	2.538	41	346	0.256	ug/l	# 48
16) Acetone	2.380	43	932	1.903	ug/l	# 87
30) Chloroform	5.105	83	345	0.204	ug/l	# 17
31) Cyclohexane	5.550	56	1726	1.411	ug/l	# 13
36) 1,1-Dichloropropene	5.556	75	6792	5.641	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	9434	7.092	ug/l	# 15
39) Methylcyclohexane	7.135	83	2793	1.971	ug/l	# 1
44) Trichloroethene	7.129	130	210931	212.723	ug/l	88
51) 4-Methyl-2-Pentanone	8.647	43	857	0.517	ug/l	# 1
60) Dibromochloromethane	9.275	129	322	0.305	ug/l	# 9
64) Tetrachloroethene	9.275	164	349	0.396	ug/l	# 78
76) 1,2,3-Trichloropropane	11.079	75	38989	29.992	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	38989	87.362	ug/l	# 15

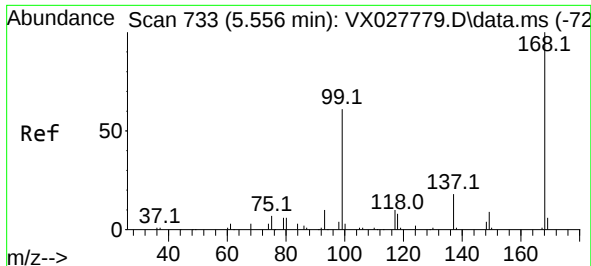
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

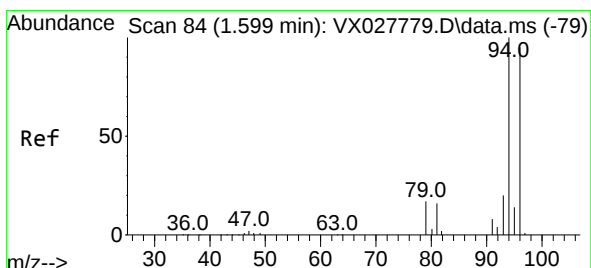
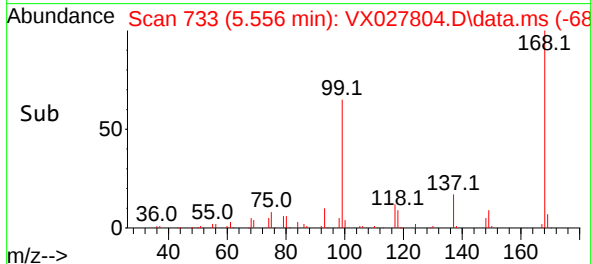
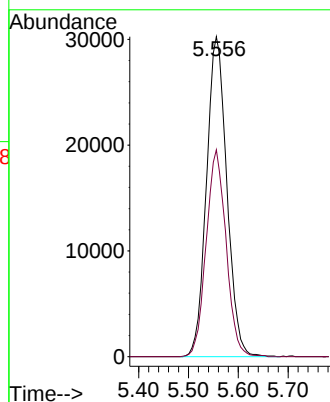
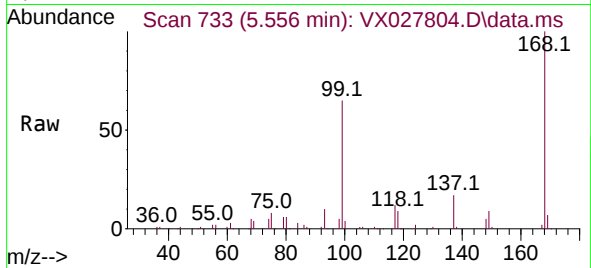




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

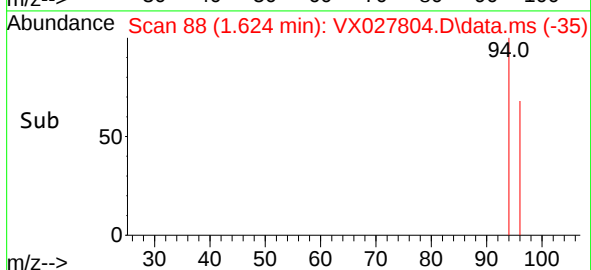
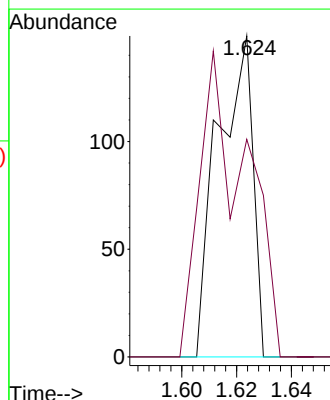
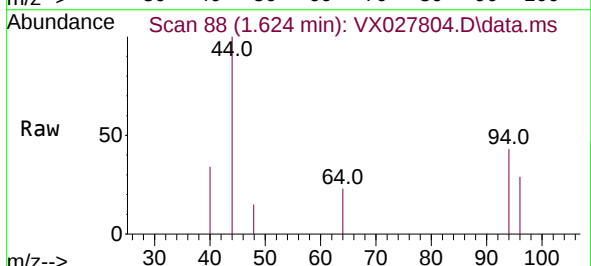
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20220317

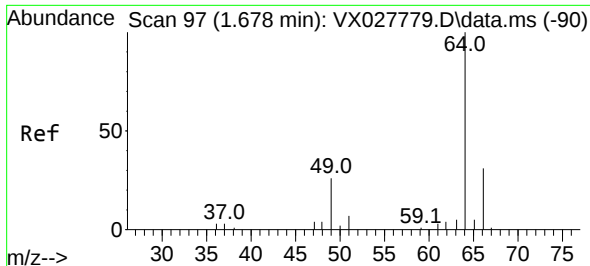
Tgt Ion:168 Resp: 85745
Ion Ratio Lower Upper
168 100
99 64.6 41.7 62.5#



#5
Bromomethane
Concen: 0.416 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

Tgt Ion: 94 Resp: 132
Ion Ratio Lower Upper
94 100
96 67.8 75.3 112.9#

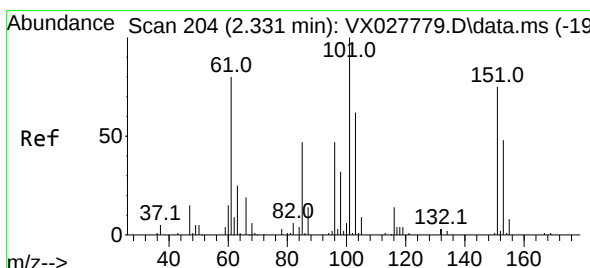
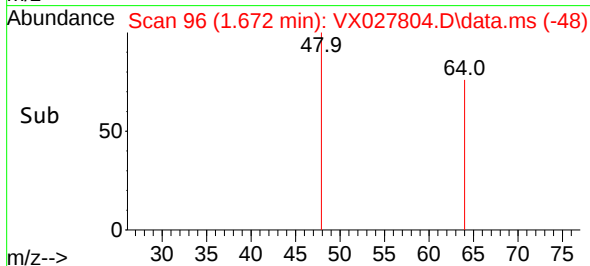
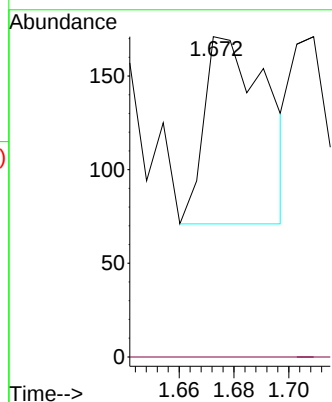
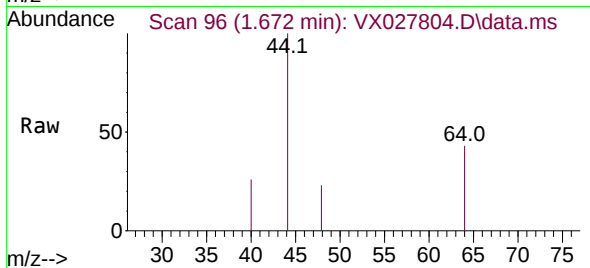




#6
Chloroethane
Concen: 0.333 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

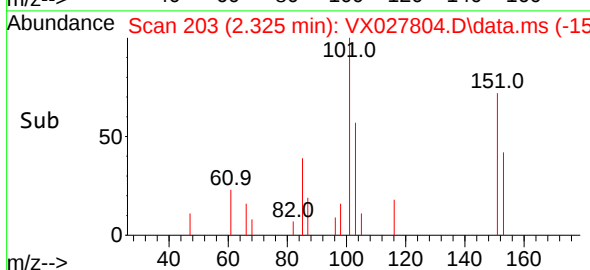
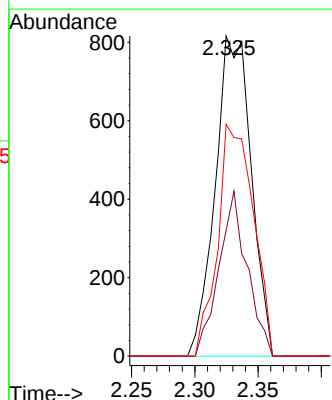
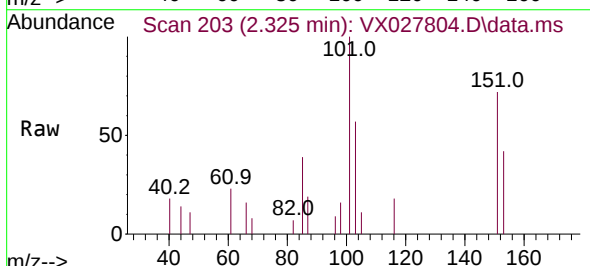
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20220317

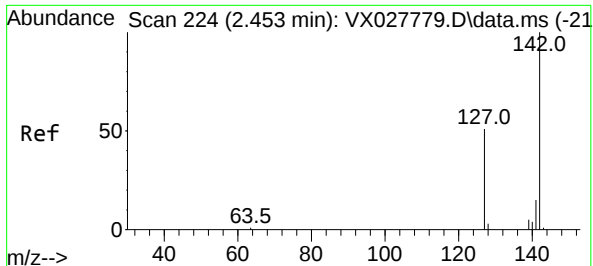
Tgt Ion: 64 Resp: 158
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.007 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

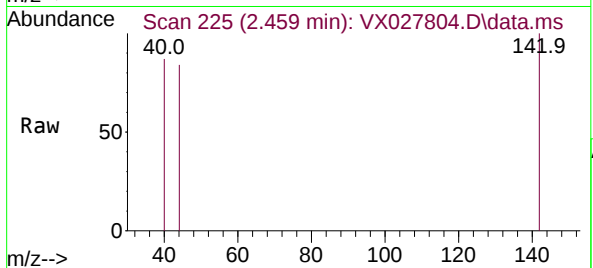
Tgt Ion: 101 Resp: 1611
Ion Ratio Lower Upper
101 100
85 40.5 33.5 50.3
151 71.9 61.8 92.6



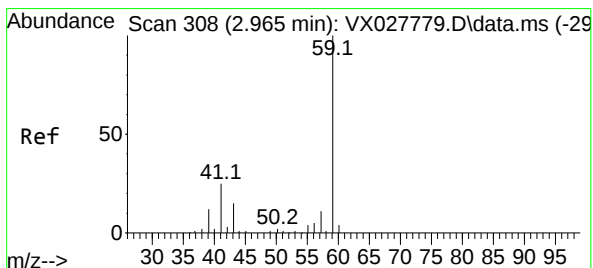
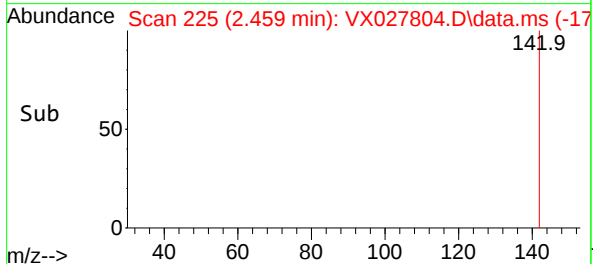
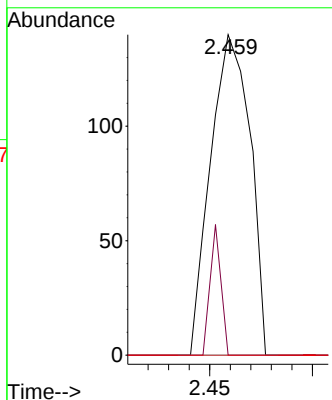


#10
Methyl Iodide
Concen: 0.202 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20220317

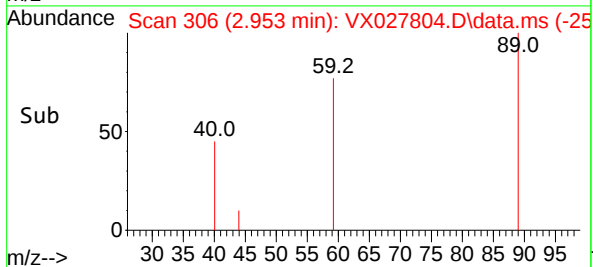
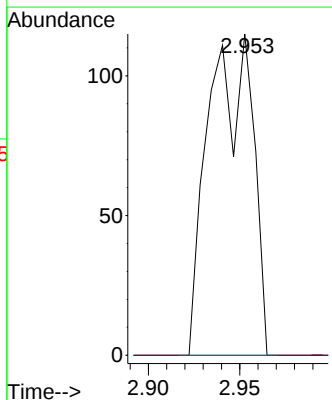
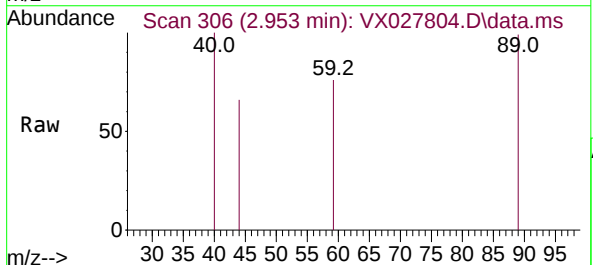


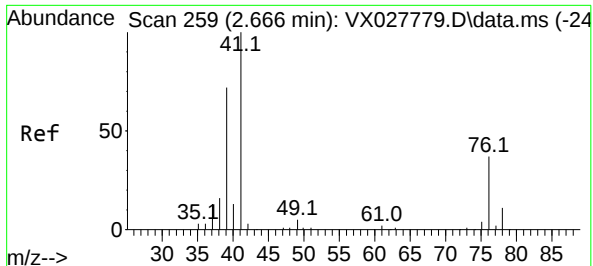
Tgt Ion:142 Resp: 188
Ion Ratio Lower Upper
142 100
127 11.2 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.903 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.256 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.128 min

Lab File: VX027804.D

Acq: 30 Mar 2022 12:43

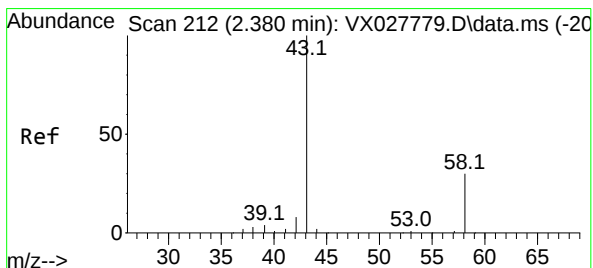
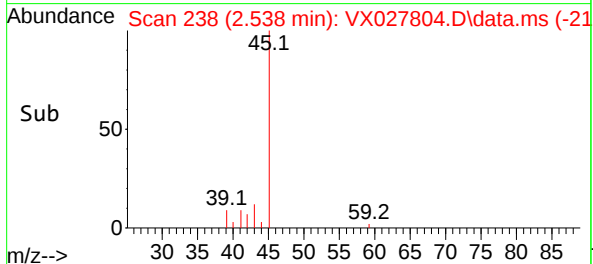
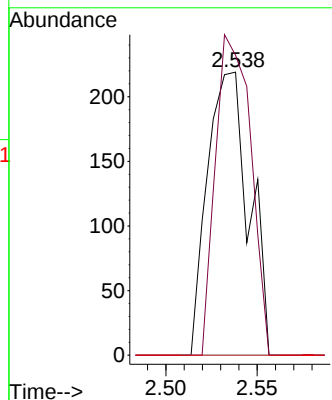
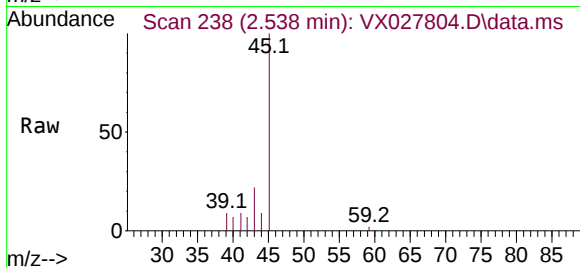
Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20220317

Tgt Ion: 41	Resp:	346
Ion Ratio	Lower	Upper
41	100	
39	96.0	50.4 75.6#
76	0.0	32.7 49.1#



#16

Acetone

Concen: 1.903 ug/l

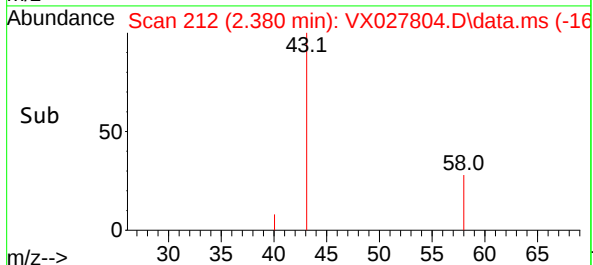
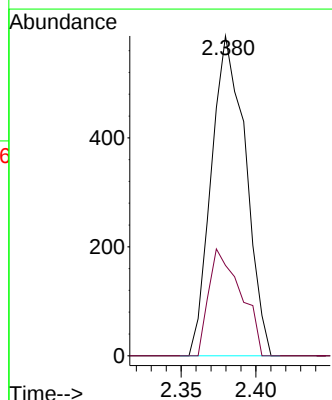
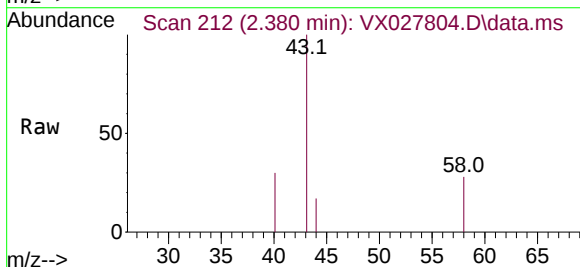
RT: 2.380 min Scan# 212

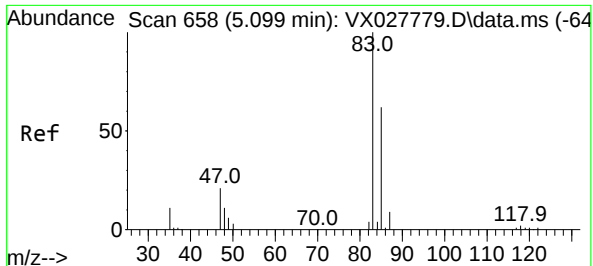
Delta R.T. -0.000 min

Lab File: VX027804.D

Acq: 30 Mar 2022 12:43

Tgt Ion: 43	Resp:	932
Ion Ratio	Lower	Upper
43	100	
58	28.3	28.8 43.2#





#30

Chloroform

Concen: 0.204 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX027804.D

Acq: 30 Mar 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

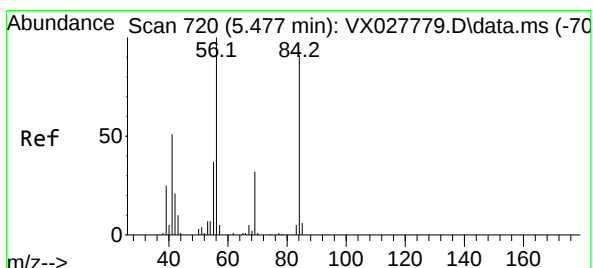
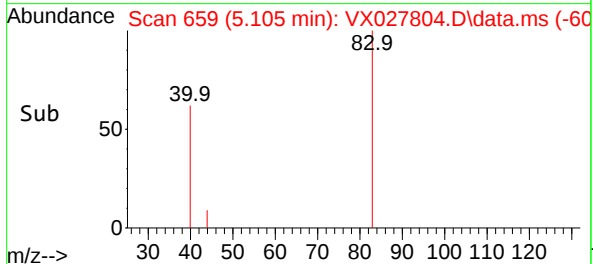
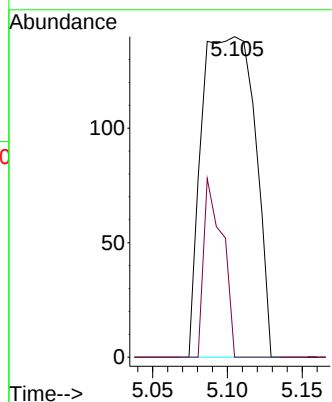
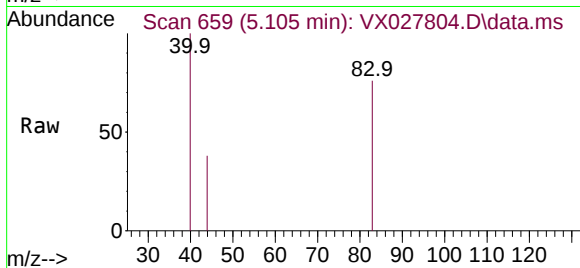
RE103D3-20220317

Tgt Ion: 83 Resp: 345

Ion Ratio Lower Upper

83 100

85 0.0 52.7 79.1#



#31

Cyclohexane

Concen: 1.411 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX027804.D

Acq: 30 Mar 2022 12:43

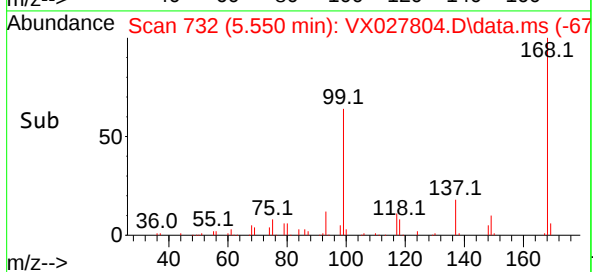
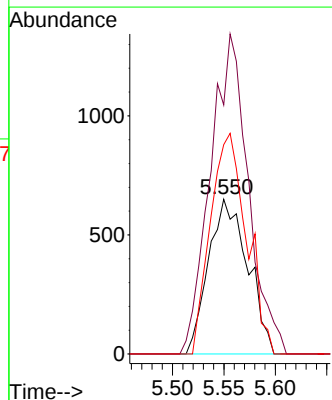
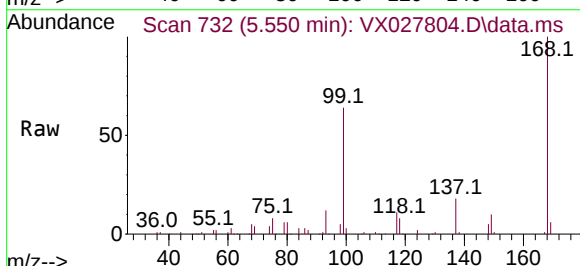
Tgt Ion: 56 Resp: 1726

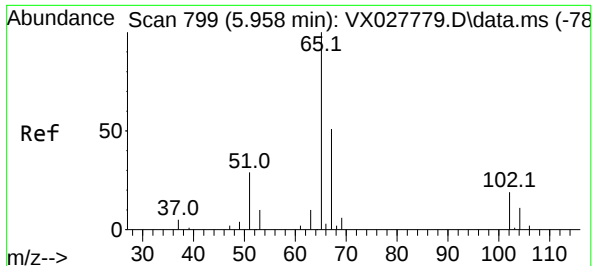
Ion Ratio Lower Upper

56 100

69 160.9 26.7 40.1#

84 135.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 52.702 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027804.D

Acq: 30 Mar 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

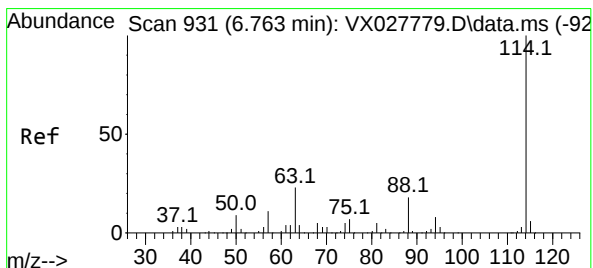
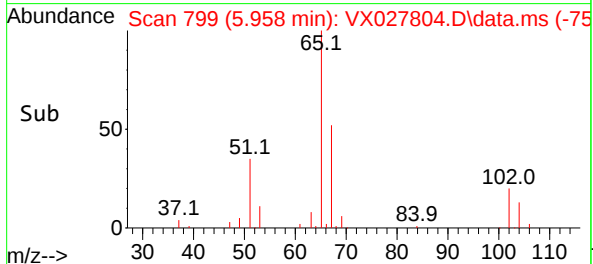
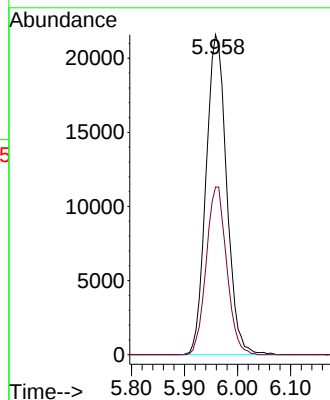
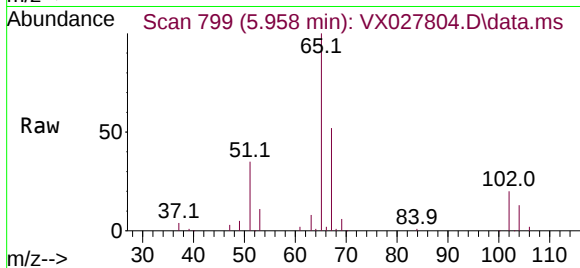
RE103D3-20220317

Tgt Ion: 65 Resp: 58307

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027804.D

Acq: 30 Mar 2022 12:43

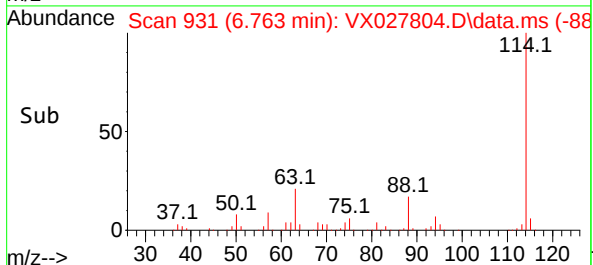
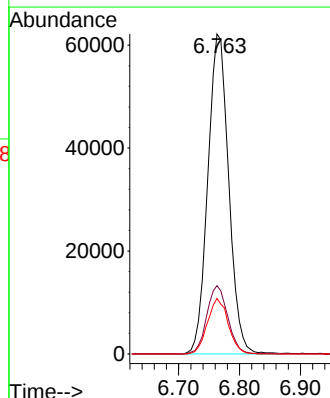
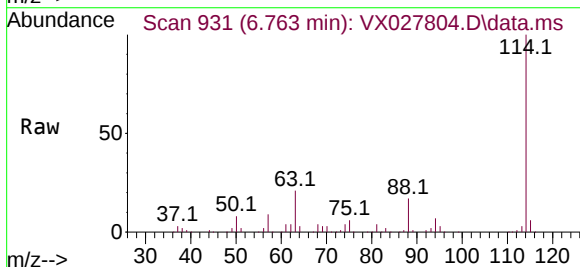
Tgt Ion: 114 Resp: 148098

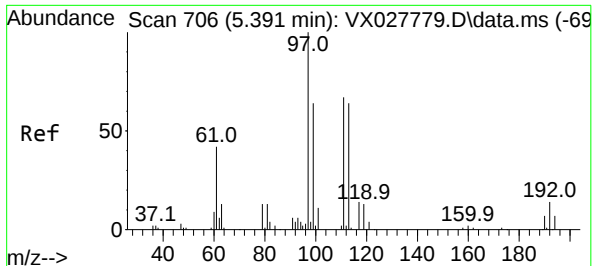
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.8

88 17.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.019 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027804.D

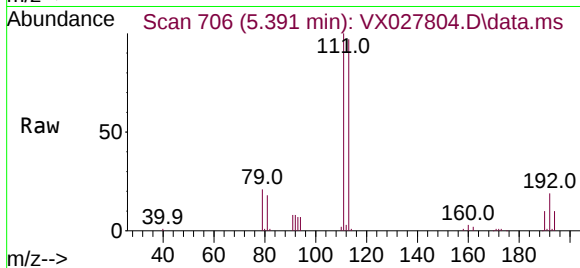
Acq: 30 Mar 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20220317



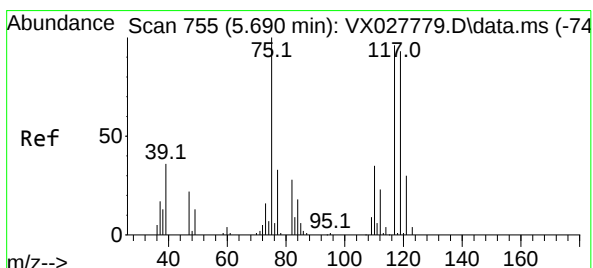
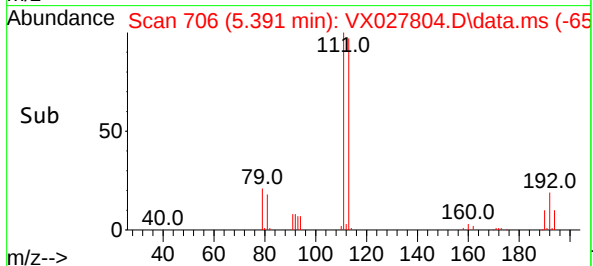
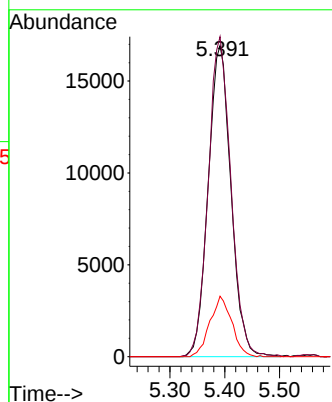
Tgt Ion:113 Resp: 48771

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 18.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.641 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027804.D

Acq: 30 Mar 2022 12:43

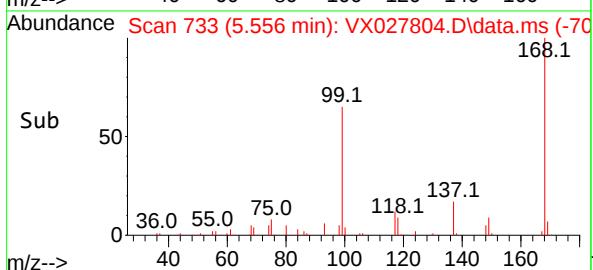
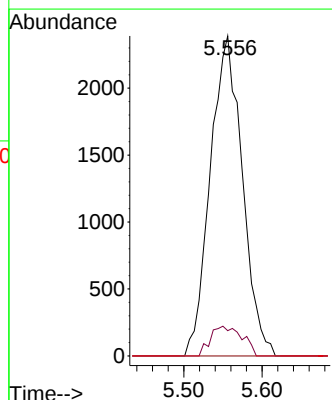
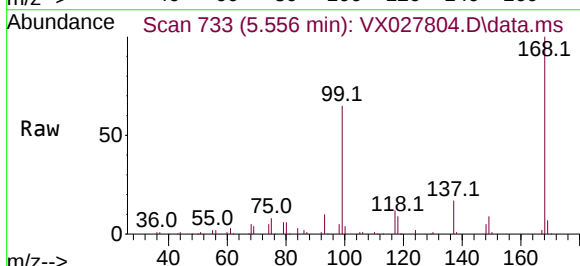
Tgt Ion: 75 Resp: 6792

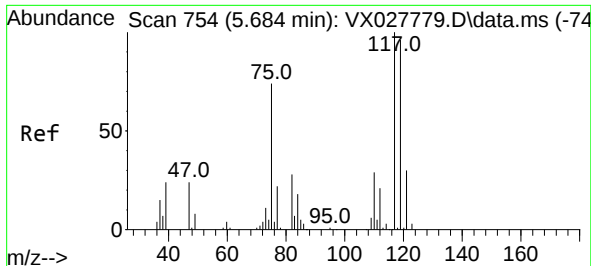
Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 24.8 37.2#

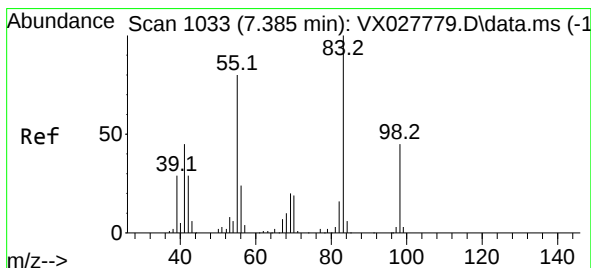
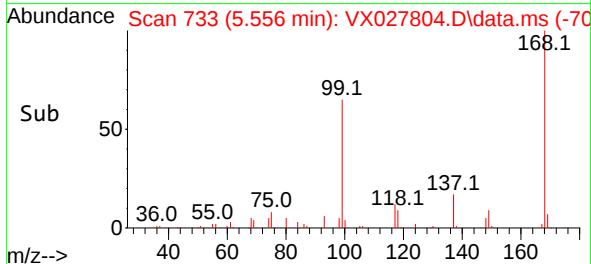
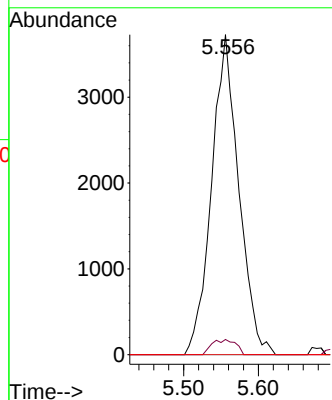
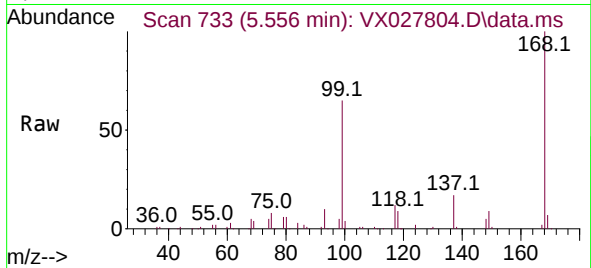




#38
Carbon Tetrachloride
Concen: 7.092 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

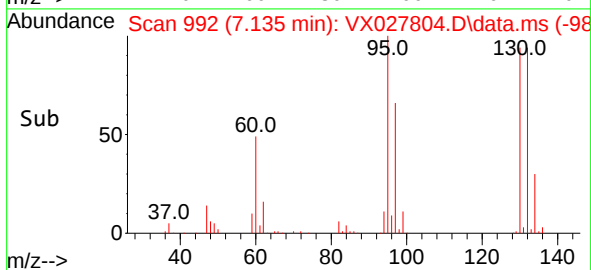
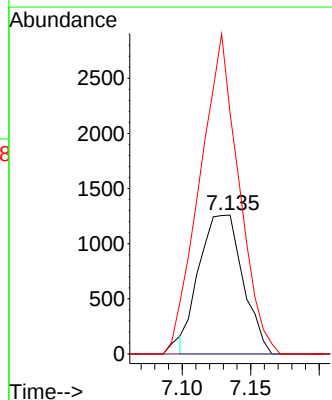
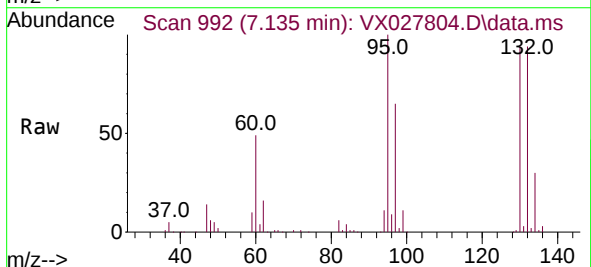
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20220317

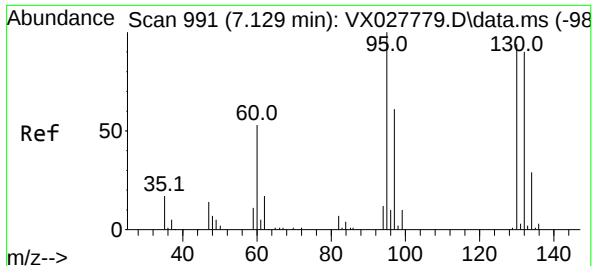
Tgt Ion:117 Resp: 9434
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.971 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

Tgt Ion: 83 Resp: 2793
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 173.2 37.4 56.2#

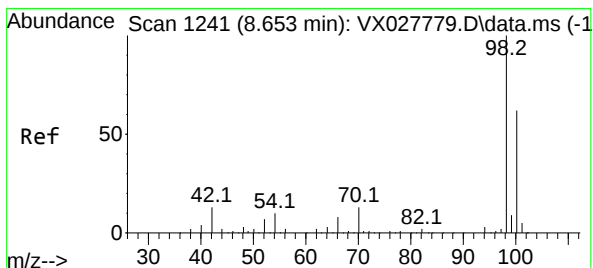
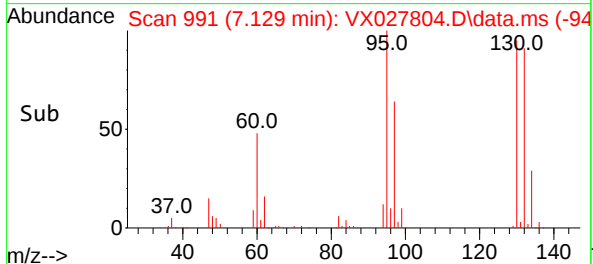
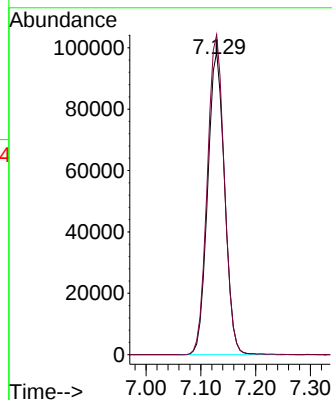
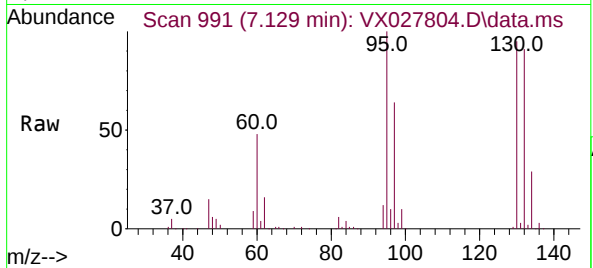




#44
Trichloroethene
Concen: 212.723 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

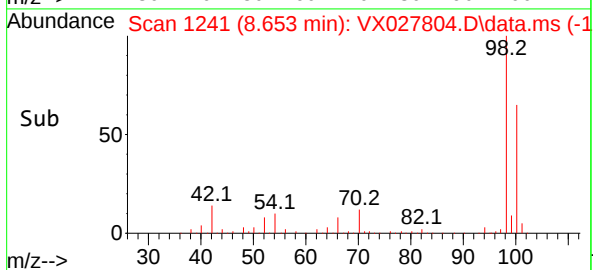
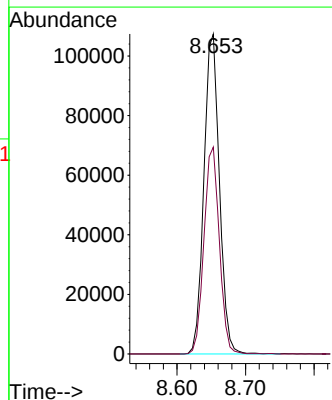
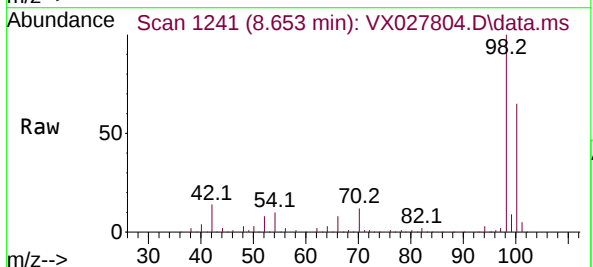
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20220317

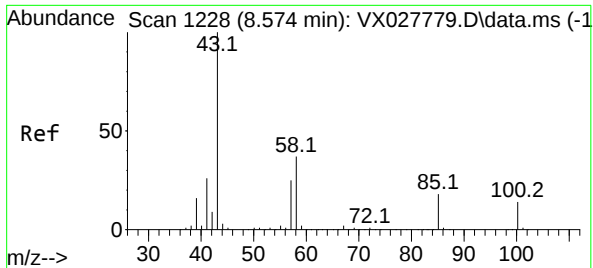
Tgt Ion:130 Resp: 210931
Ion Ratio Lower Upper
130 100
95 105.7 0.0 188.8



#50
Toluene-d8
Concen: 50.328 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

Tgt Ion: 98 Resp: 169274
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

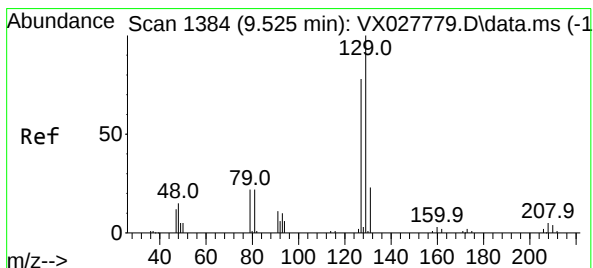
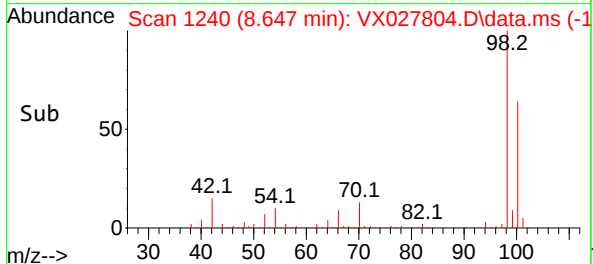
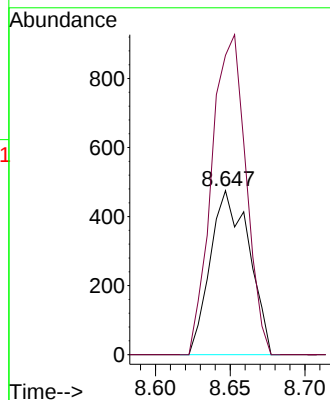
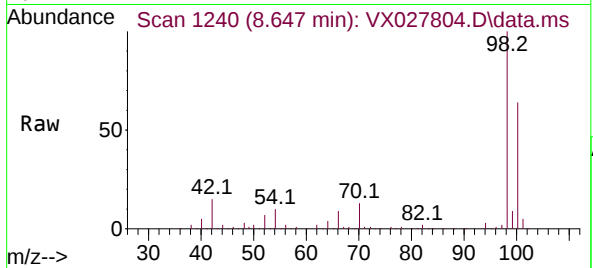




#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

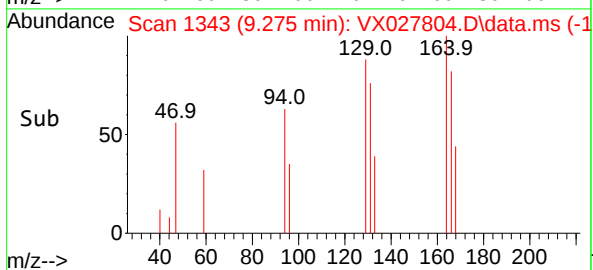
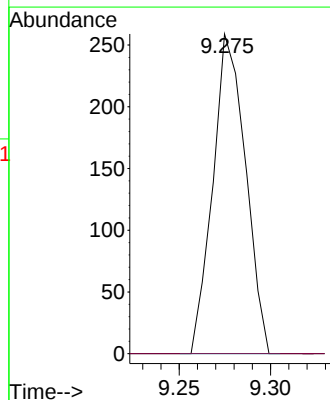
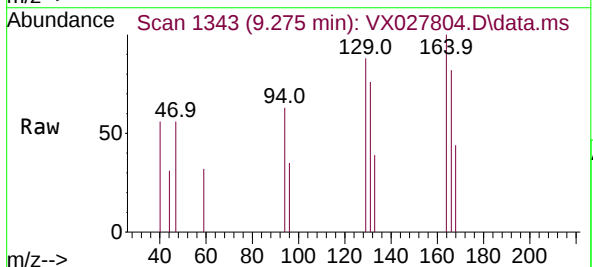
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20220317

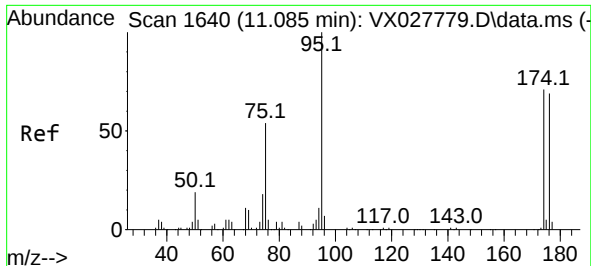
Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 172.0 36.1 54.1#



#60
Dibromochloromethane
Concen: 0.305 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

Tgt Ion: 129 Resp: 322
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

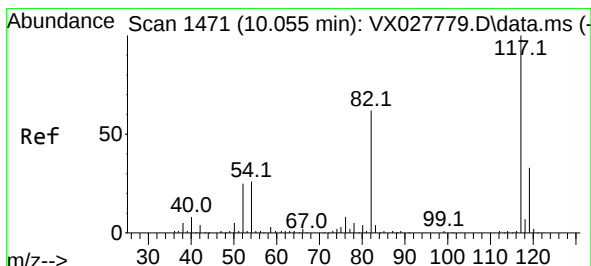
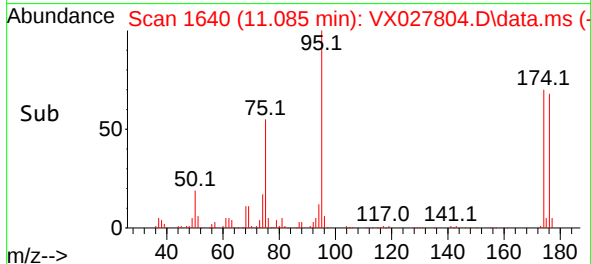
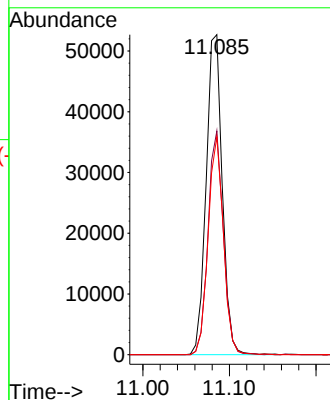
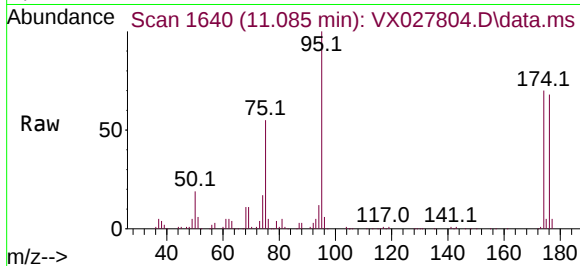




#62
4-Bromofluorobenzene
Concen: 47.702 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

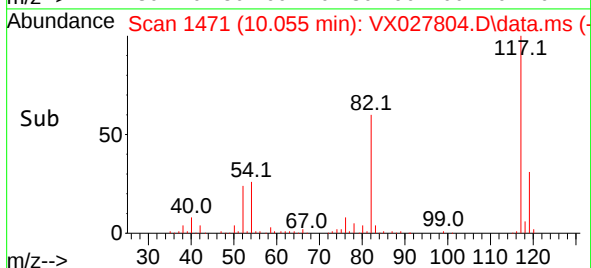
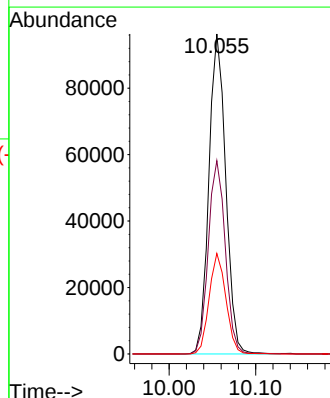
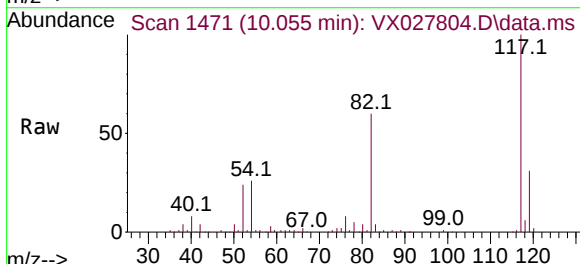
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20220317

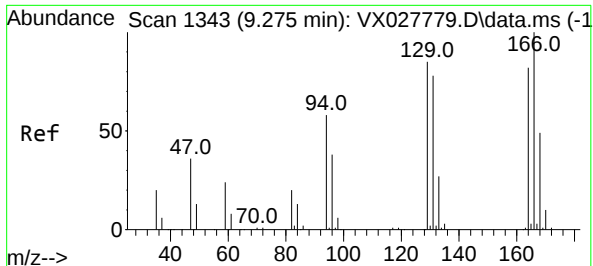
Tgt Ion: 95 Resp: 68182
Ion Ratio Lower Upper
95 100
174 66.2 0.0 163.0
176 64.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

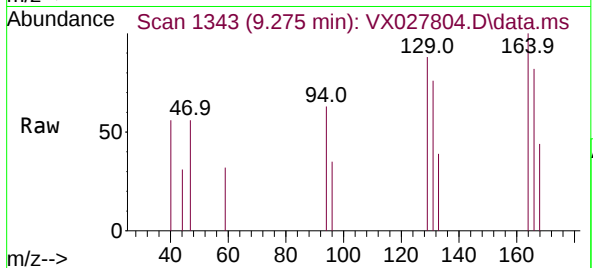
Tgt Ion: 117 Resp: 129855
Ion Ratio Lower Upper
117 100
82 60.4 41.8 62.8
119 31.4 24.8 37.2



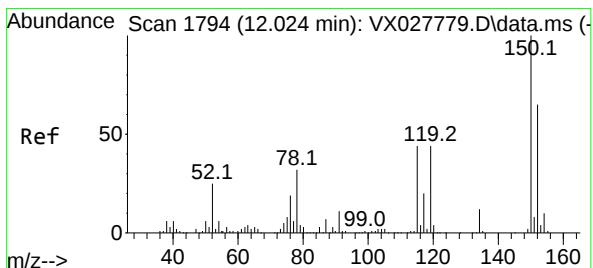
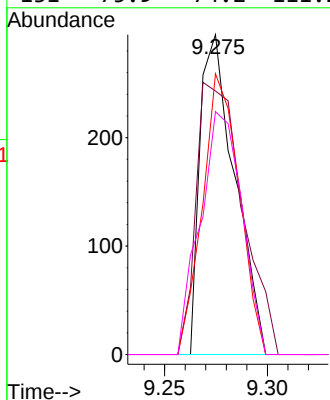
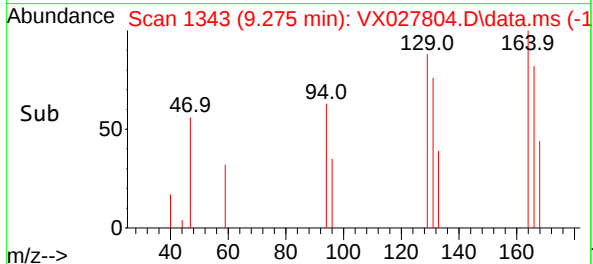


#64
Tetrachloroethene
Concen: 0.396 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

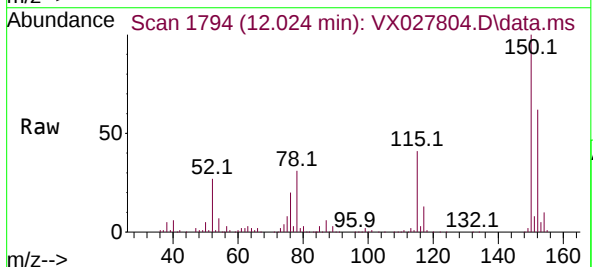
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20220317



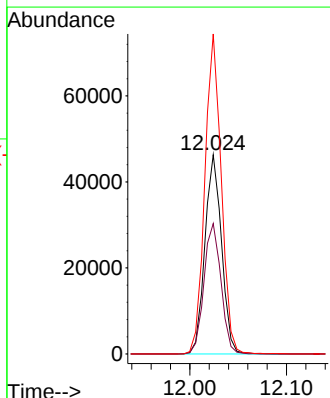
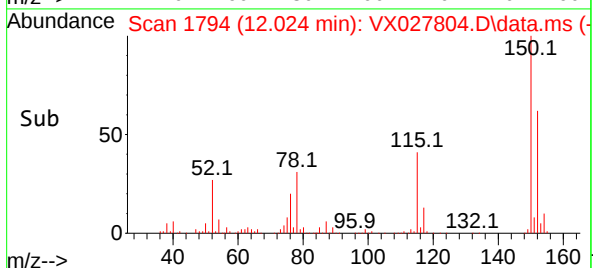
Tgt Ion	Ratio	Lower	Upper
164	100		
166	82.4	101.2	151.8#
129	87.8	73.0	109.4
131	75.9	74.2	111.2

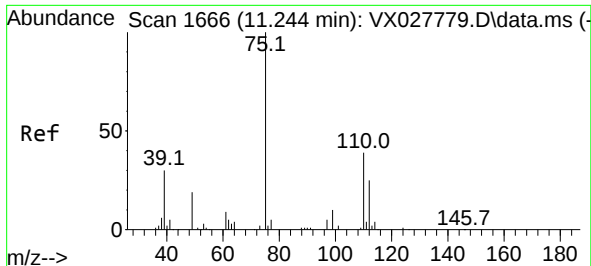


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43



Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.0	37.5	112.7
150	158.5	0.0	338.2

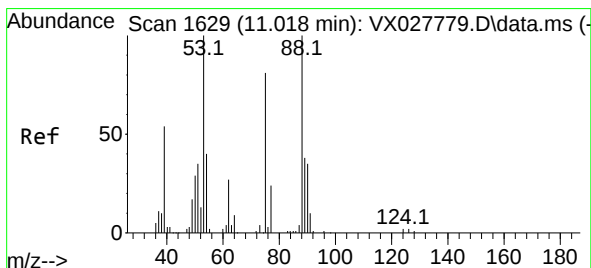
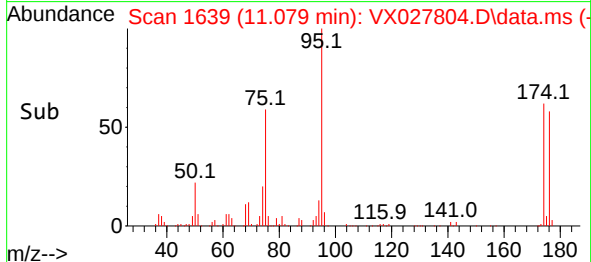
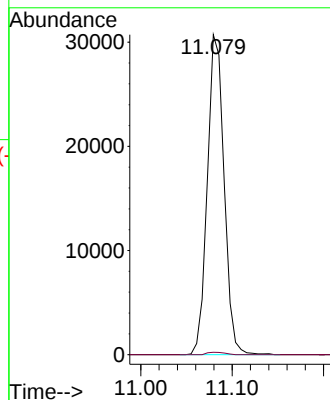
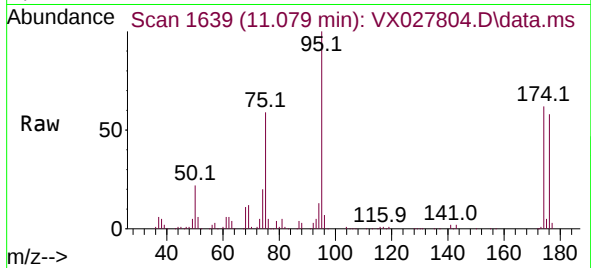




#76
1,2,3-Trichloropropane
Concen: 29.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20220317

Tgt Ion: 75 Resp: 38989
Ion Ratio Lower Upper
75 100
77 0.8 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027804.D
Acq: 30 Mar 2022 12:43

Tgt Ion: 75 Resp: 38989
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

