

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032910.D
 Acq On : 17 Nov 2022 19:07
 Operator : JC/MD
 Sample : N5672-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20221116

Quant Time: Nov 18 01:42:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

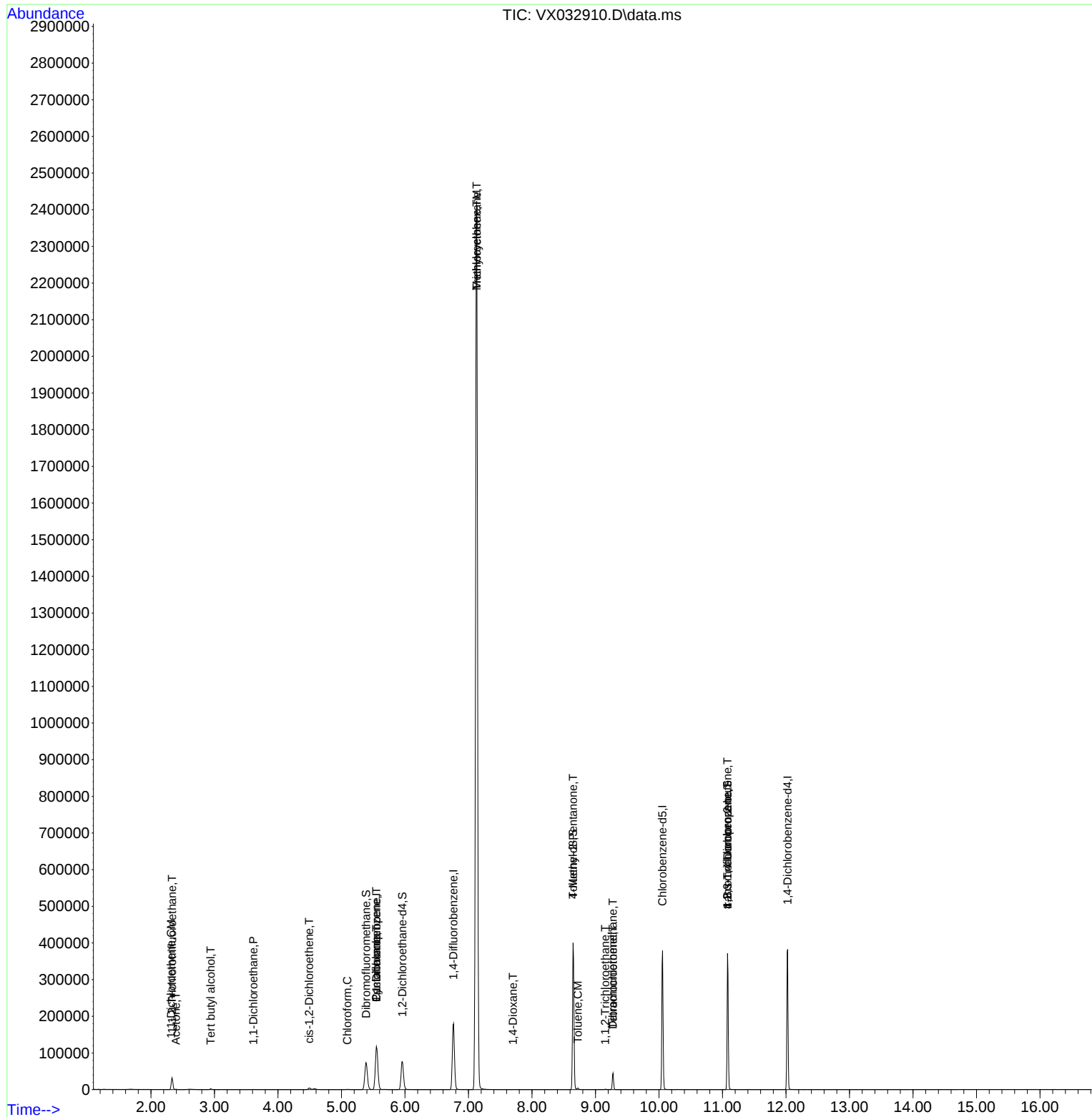
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	111305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79069	51.126	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.260%
35) Dibromofluoromethane	5.385	113	63316	48.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	8.647	98	234588	51.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.520%
62) 4-Bromofluorobenzene	11.079	95	90081	50.393	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.780%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	11006	9.211	ug/l	99
11) Tert butyl alcohol	2.941	59	1257	5.584	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	1512	1.355	ug/l	97
16) Acetone	2.392	43	804	1.430	ug/l	91
24) 1,1-Dichloroethane	3.611	63	887	0.401	ug/l #	82
27) cis-1,2-Dichloroethene	4.489	96	2808	1.999	ug/l	90
30) Chloroform	5.093	83	1041	0.429	ug/l	98
31) Cyclohexane	5.550	56	2396	1.278	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	8537	4.658	ug/l #	50
39) Methylcyclohexane	7.129	83	11164	5.149	ug/l #	1
44) Trichloroethene	7.129	130	928039	635.676	ug/l	99
49) 1,4-Dioxane	7.702	88	143	4.960	ug/l #	56
51) 4-Methyl-2-Pentanone	8.647	43	1093	0.592	ug/l #	1
52) Toluene	8.720	92	1741	0.515	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	457	0.321	ug/l #	78
60) Dibromochloromethane	9.275	129	7713	4.956	ug/l #	11
64) Tetrachloroethene	9.275	164	7726	6.256	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	49010	26.868	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49010	85.495	ug/l #	6

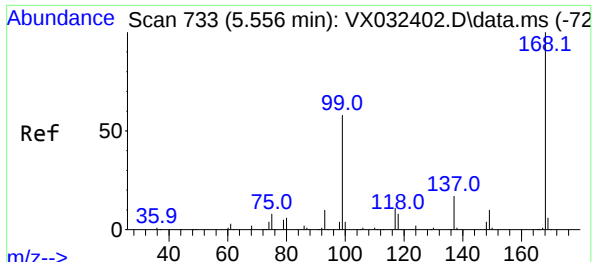
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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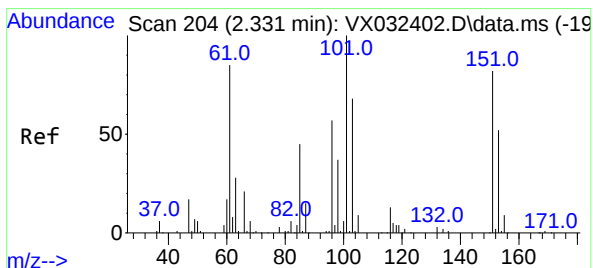
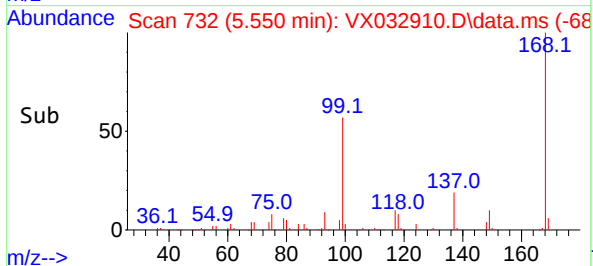
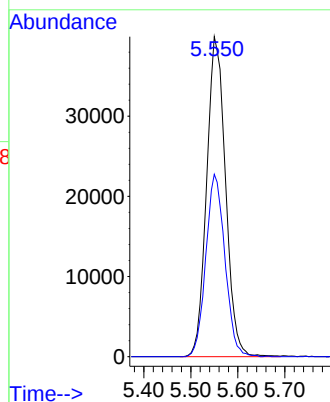
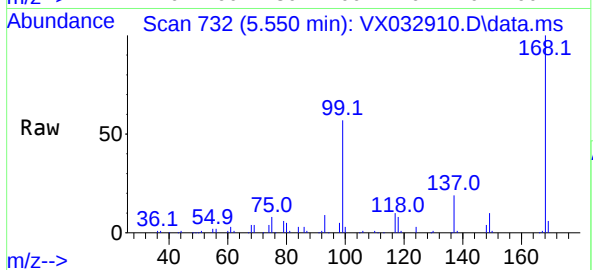




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

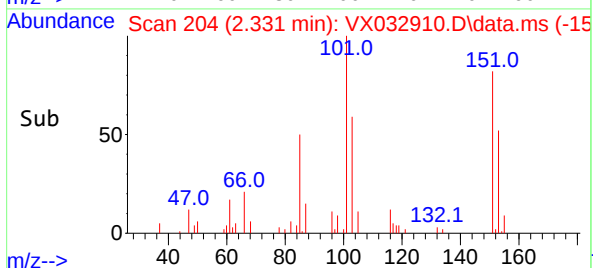
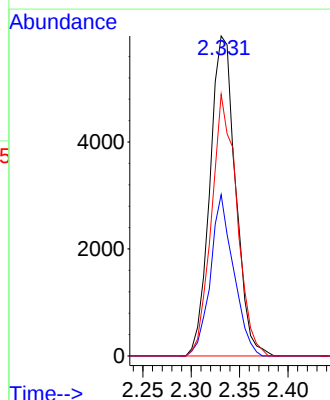
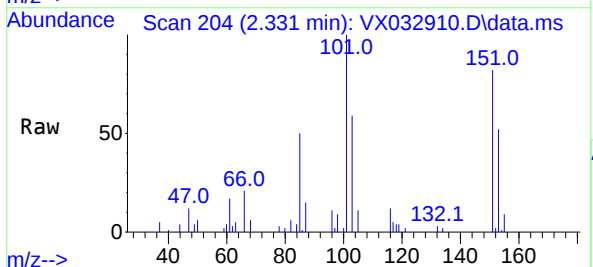
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116

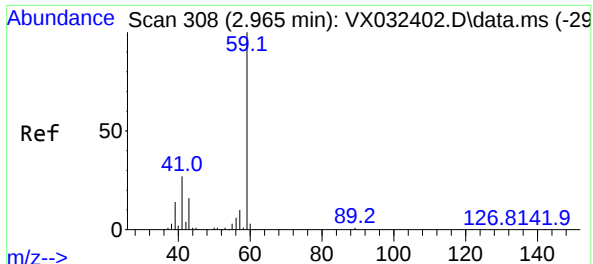
Tgt Ion:168 Resp: 111305
Ion Ratio Lower Upper
168 100
99 57.0 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.211 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Tgt Ion:101 Resp: 11006
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.4
151 80.9 64.4 96.6

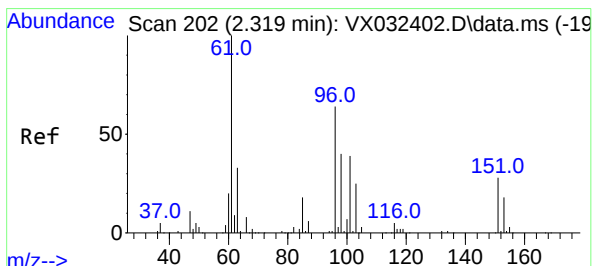
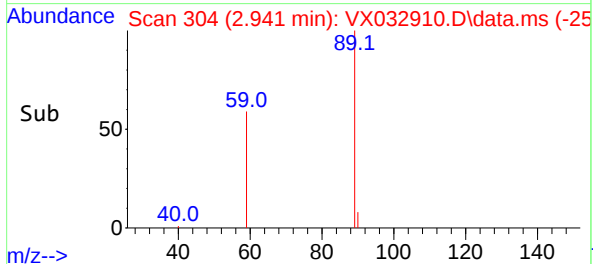
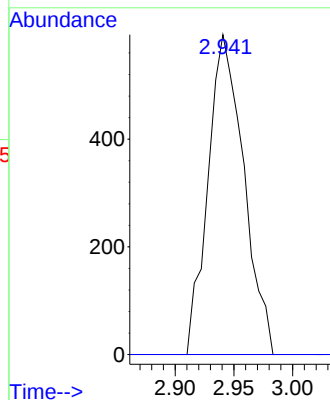
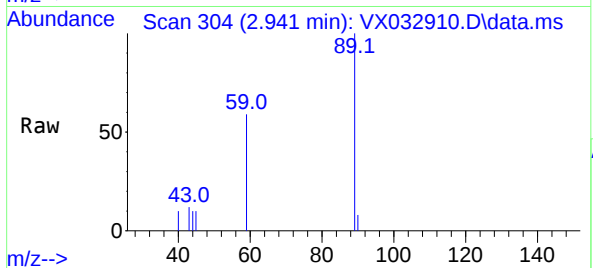




#11
Tert butyl alcohol
Concen: 5.584 ug/l
RT: 2.941 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

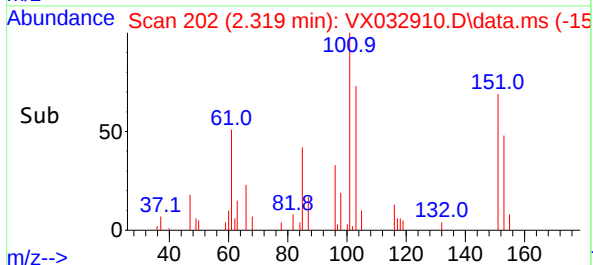
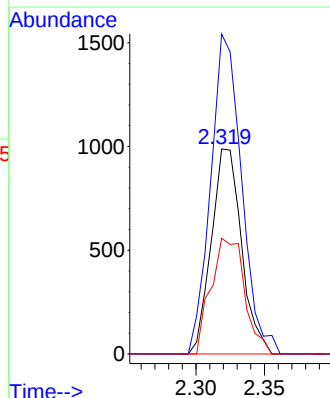
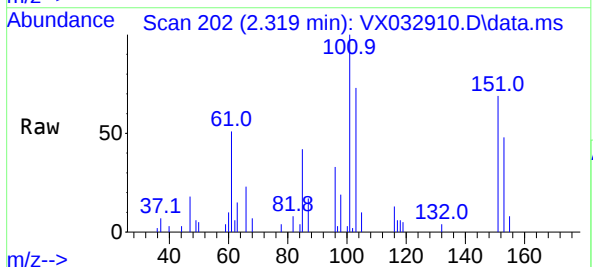
Instrument :
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RE103D1-20221116

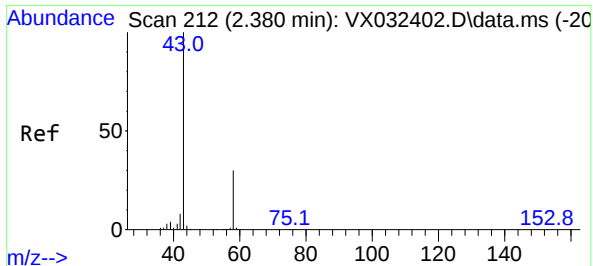
Tgt Ion: 59 Resp: 1257
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 1.355 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Tgt Ion: 96 Resp: 1512
Ion Ratio Lower Upper
96 100
61 156.1 125.1 187.7
98 56.5 50.6 76.0

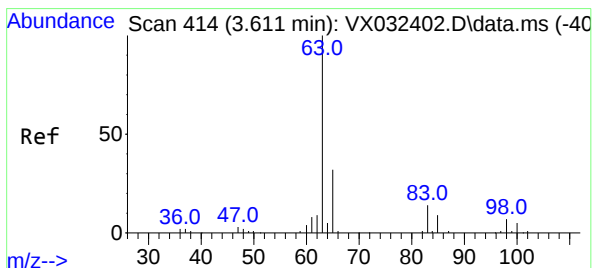
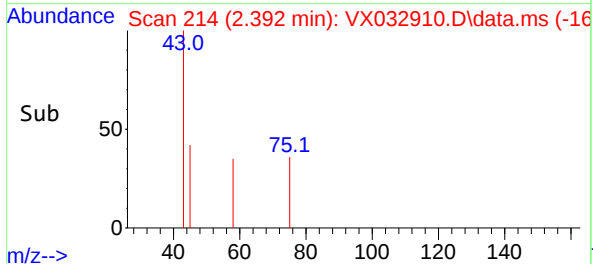
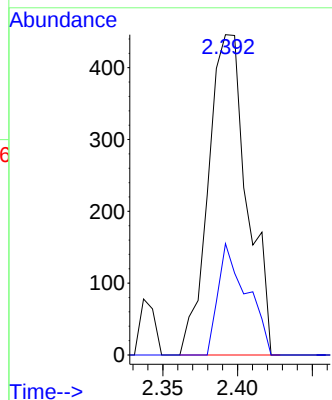
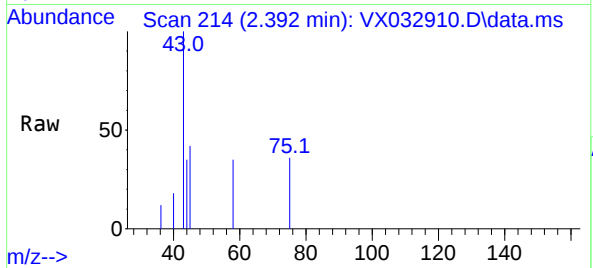




#16
Acetone
Concen: 1.430 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

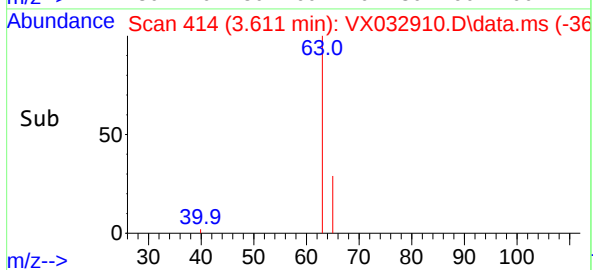
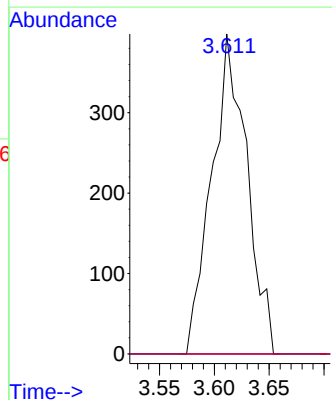
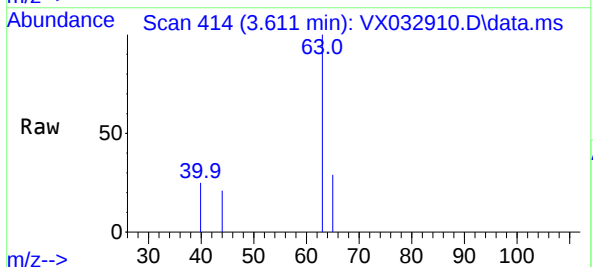
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116

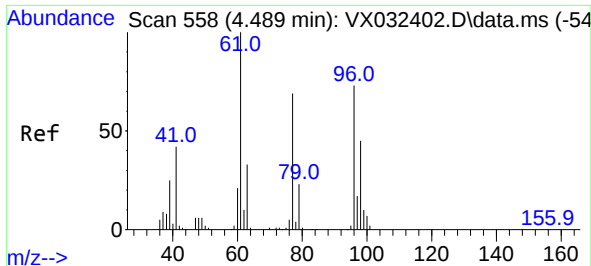
Tgt Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
58 34.8 23.8 35.8



#24
1,1-Dichloroethane
Concen: 0.401 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Tgt Ion: 63 Resp: 887
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.8#

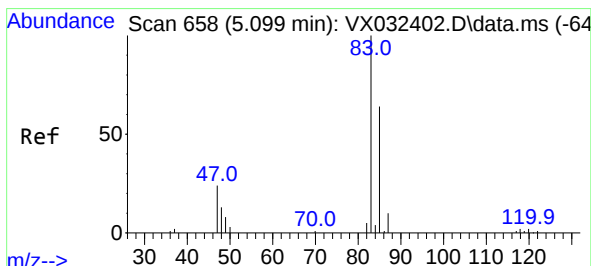
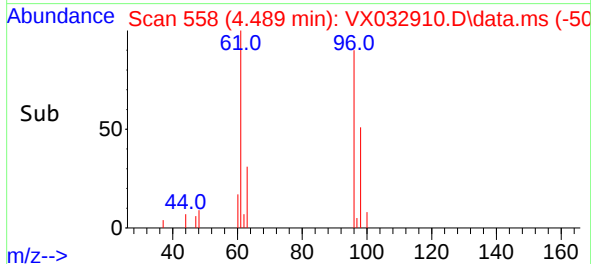
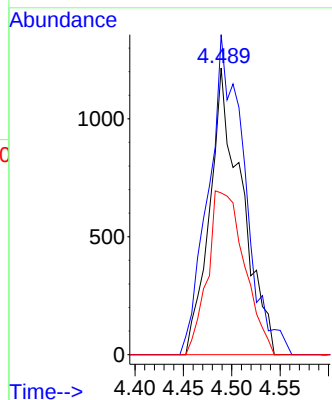
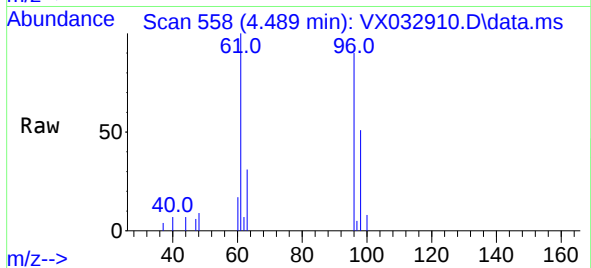




#27
cis-1,2-Dichloroethene
Concen: 1.999 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

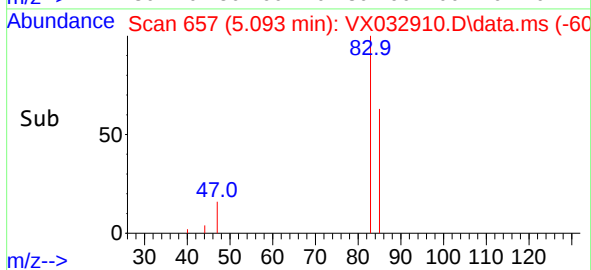
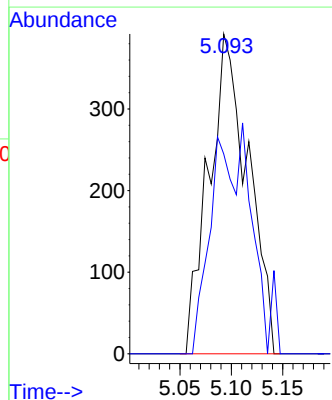
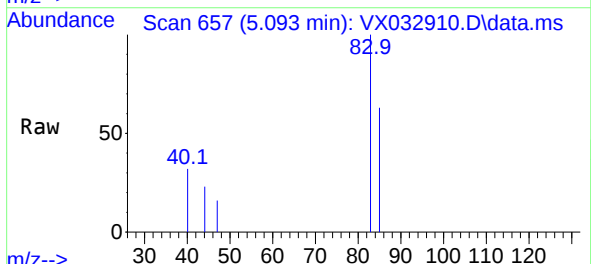
Instrument :
MSVOA_X
ClientSampleId :
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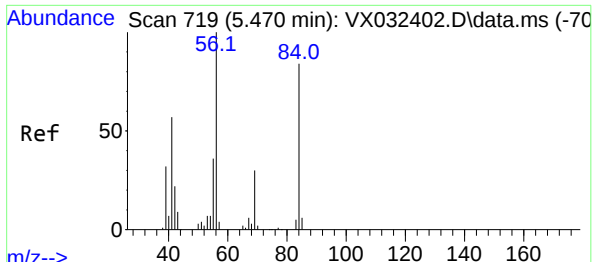
Tgt Ion: 96 Resp: 2808
Ion Ratio Lower Upper
96 100
61 124.7 0.0 286.0
98 65.3 0.0 129.6



#30
Chloroform
Concen: 0.429 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

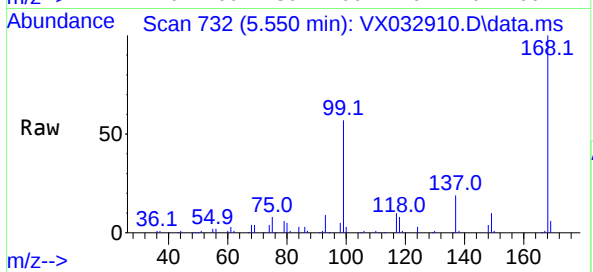
Tgt Ion: 83 Resp: 1041
Ion Ratio Lower Upper
83 100
85 62.5 51.1 76.7



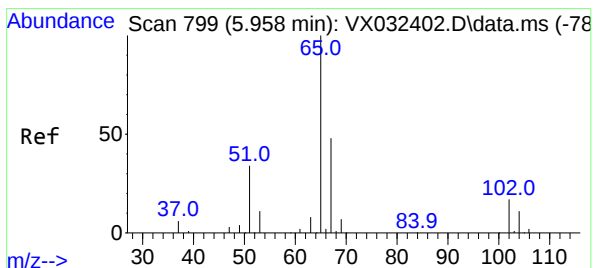
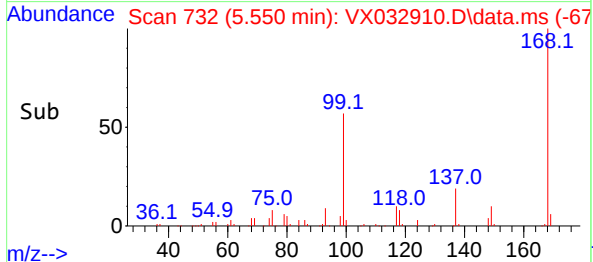
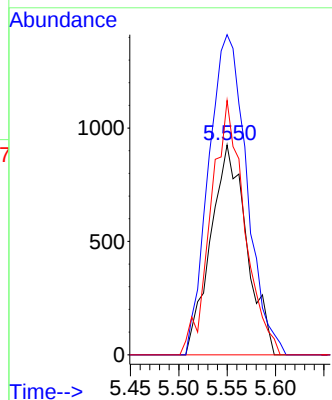


#31
Cyclohexane
Concen: 1.278 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116

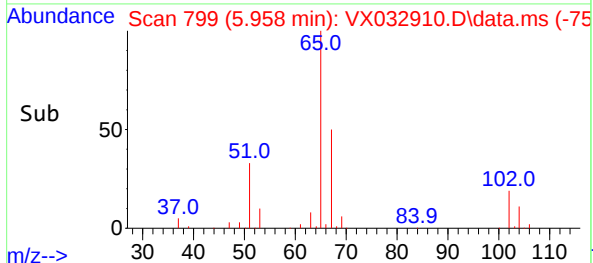
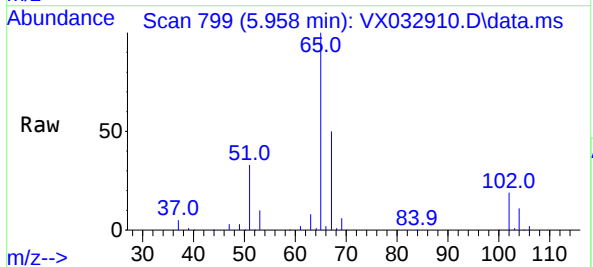
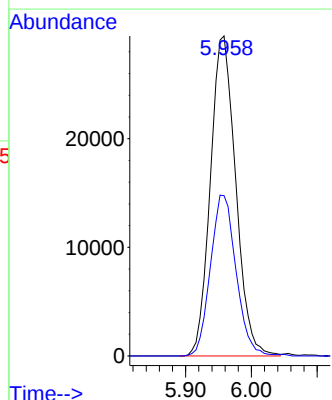


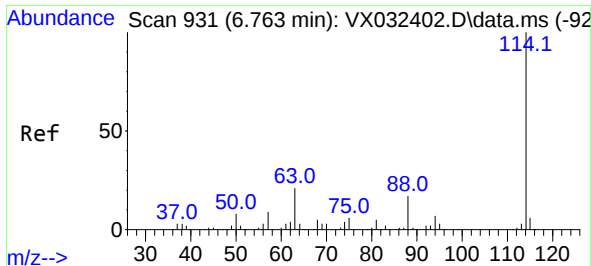
Tgt Ion: 56 Resp: 2396
Ion Ratio Lower Upper
56 100
69 152.5 24.1 36.1#
84 121.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.126 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Tgt Ion: 65 Resp: 79069
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

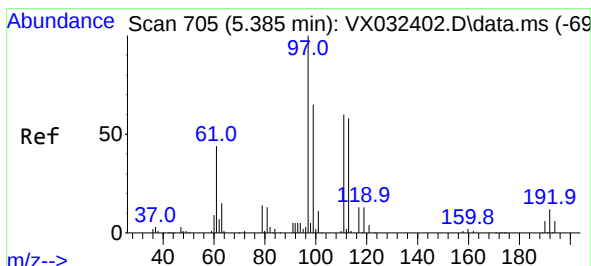
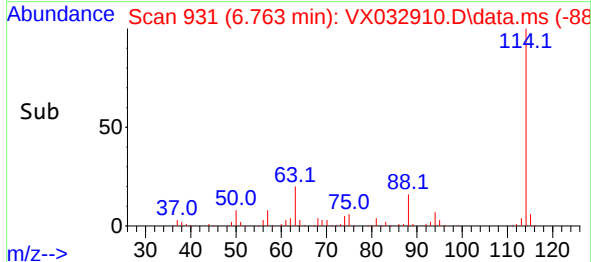
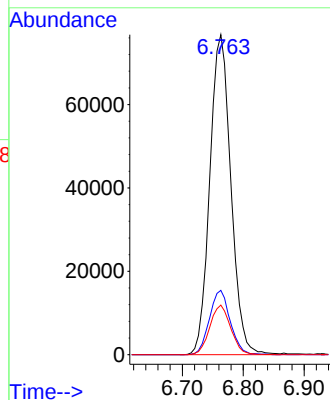
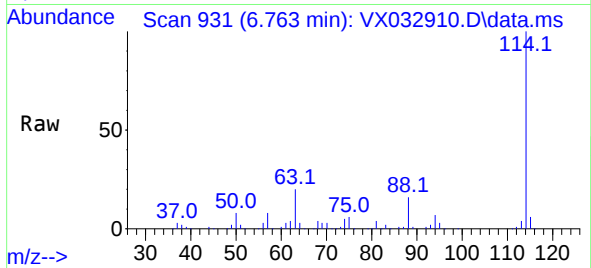




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

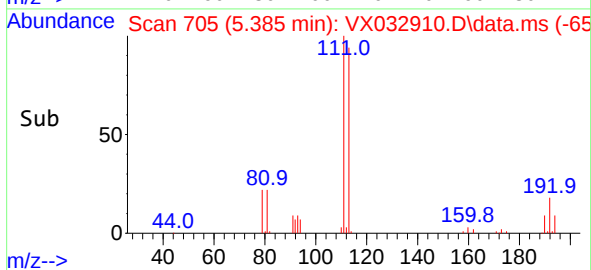
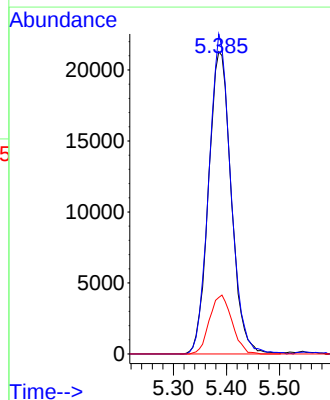
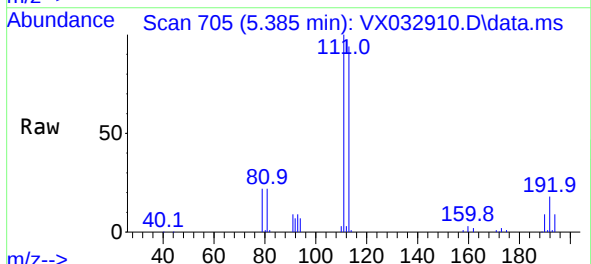
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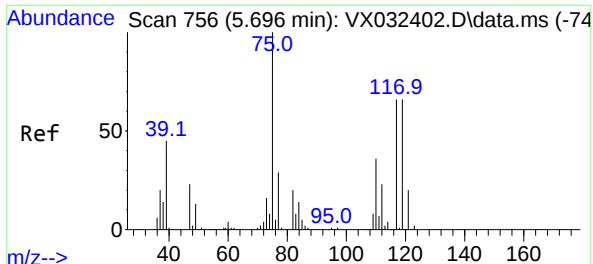
Tgt Ion:114 Resp: 184498
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.111 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Tgt Ion:113 Resp: 63316
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.3 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.658 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032910.D

Acq: 17 Nov 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20221116

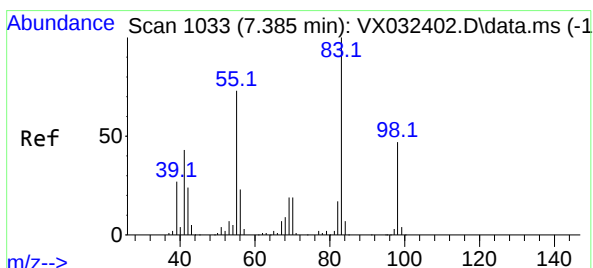
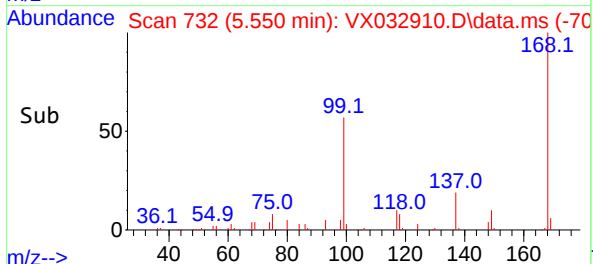
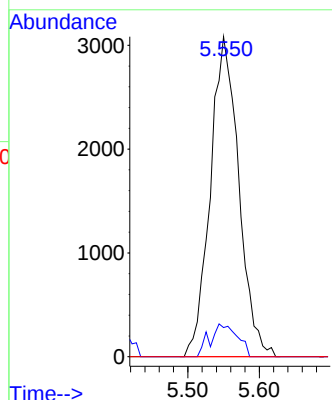
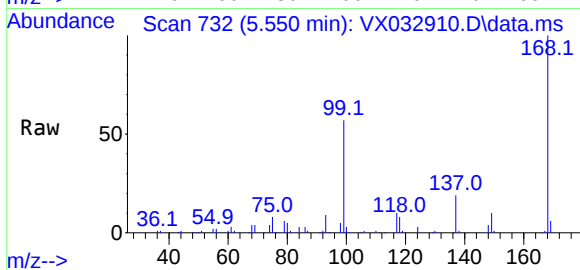
Tgt Ion: 75 Resp: 8537

Ion Ratio Lower Upper

75 100

110 9.8 18.4 55.2#

77 0.0 24.5 36.7#



#39

Methylcyclohexane

Concen: 5.149 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX032910.D

Acq: 17 Nov 2022 19:07

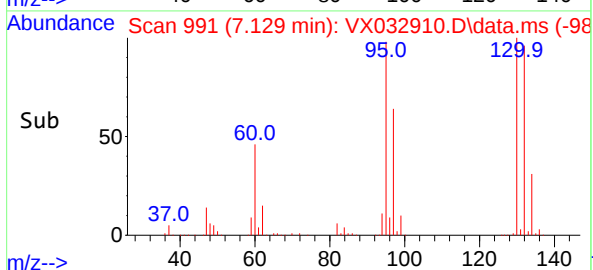
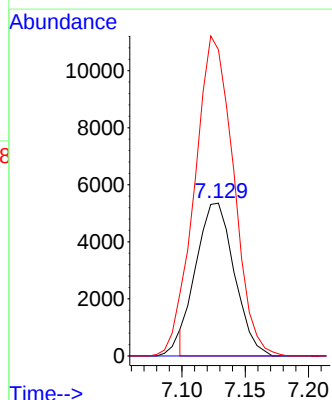
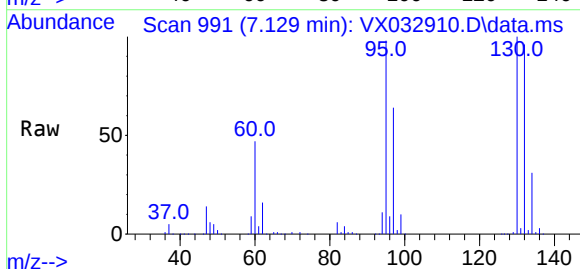
Tgt Ion: 83 Resp: 11164

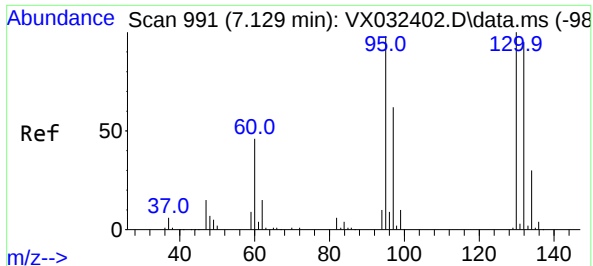
Ion Ratio Lower Upper

83 100

55 0.0 58.4 87.6#

98 199.4 37.2 55.8#

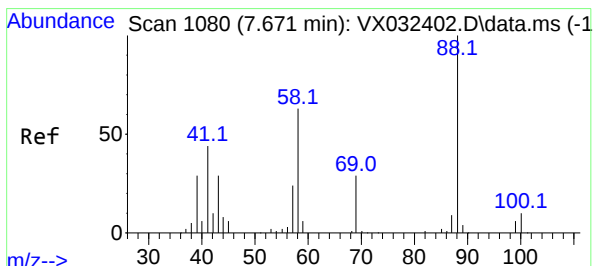
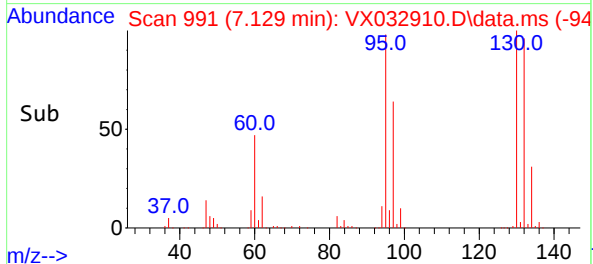
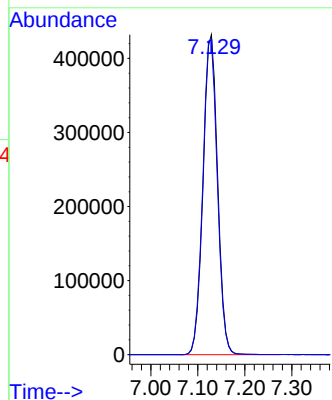
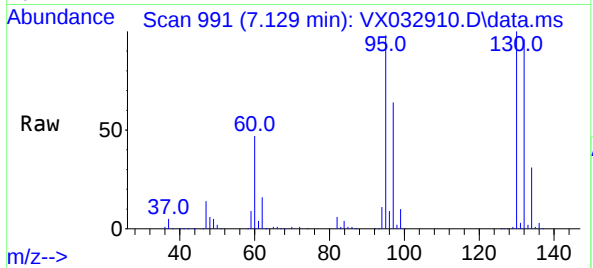




#44
Trichloroethene
Concen: 635.676 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

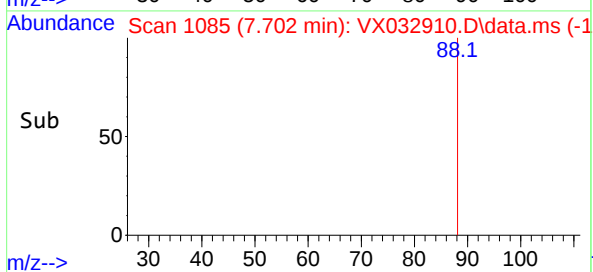
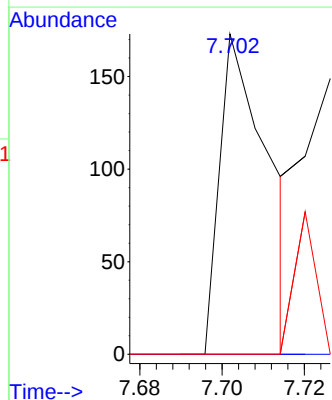
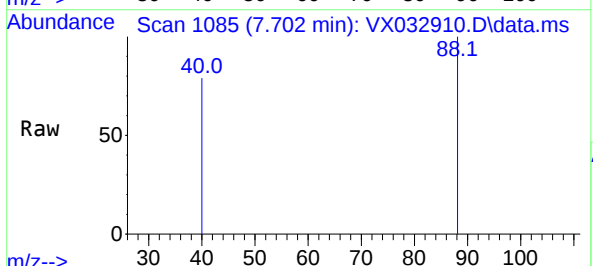
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116

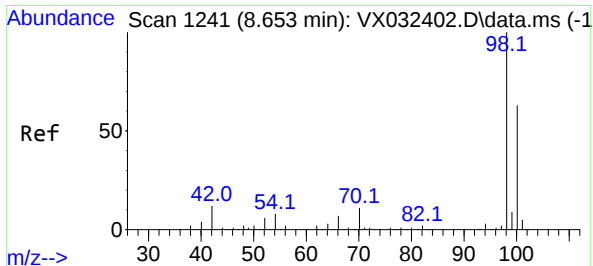
Tgt Ion:130 Resp: 928039
Ion Ratio Lower Upper
130 100
95 98.3 0.0 195.2



#49
1,4-Dioxane
Concen: 4.960 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.031 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Tgt Ion: 88 Resp: 143
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 36.4 51.7 77.5#





#50

Toluene-d8

Concen: 51.263 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032910.D

Acq: 17 Nov 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

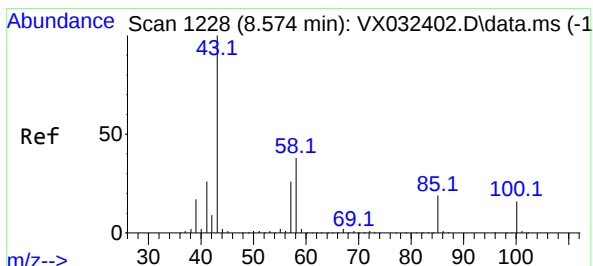
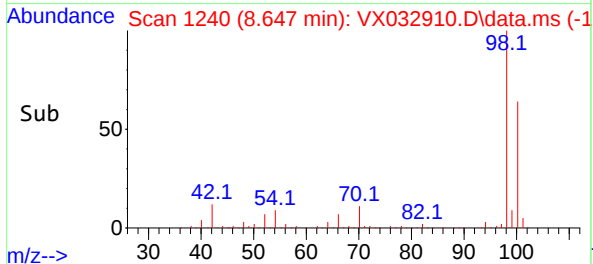
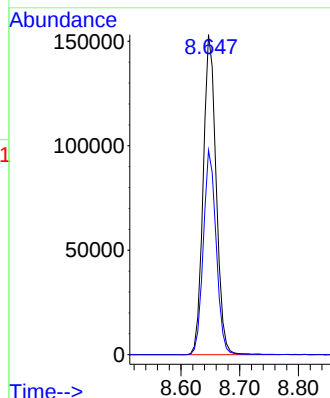
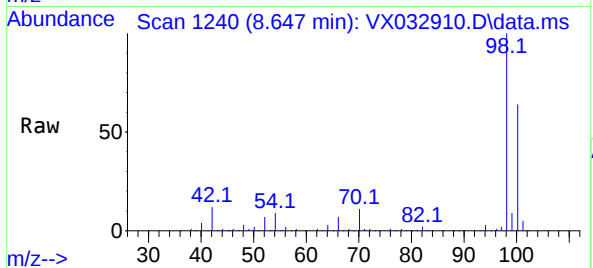
RE103D1-20221116

Tgt Ion: 98 Resp: 234588

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.592 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032910.D

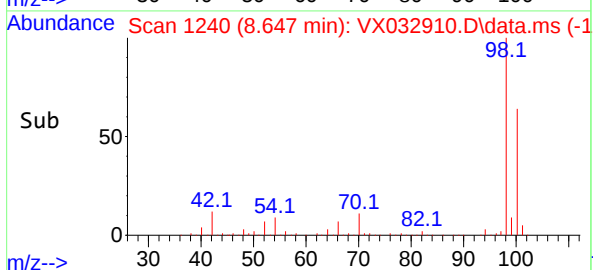
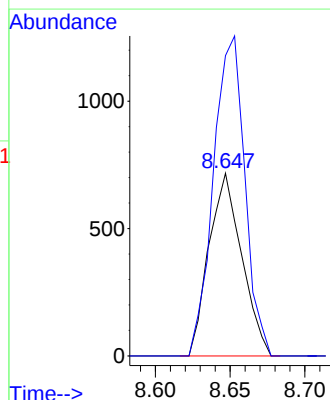
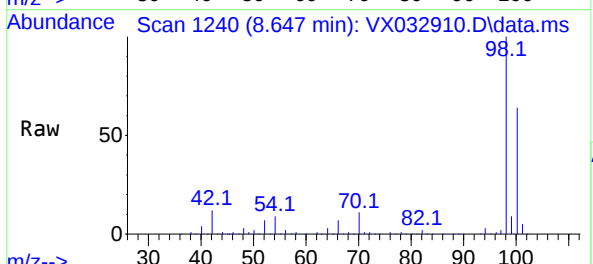
Acq: 17 Nov 2022 19:07

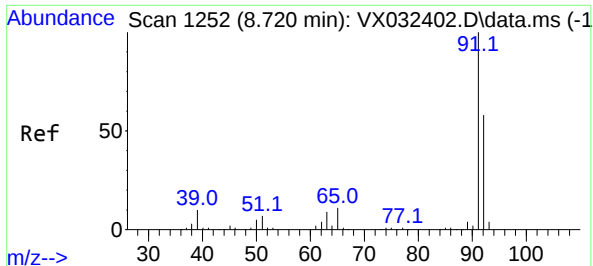
Tgt Ion: 43 Resp: 1093

Ion Ratio Lower Upper

43 100

58 167.9 30.9 46.3#





#52

Toluene

Concen: 0.515 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032910.D

Acq: 17 Nov 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

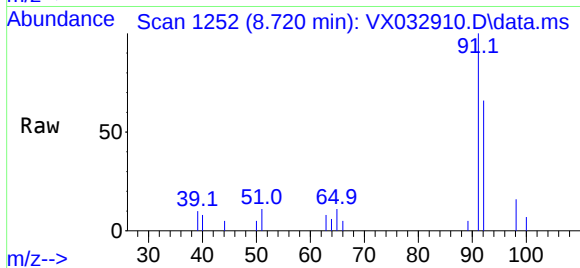
RE103D1-20221116

Tgt Ion: 92 Resp: 1741

Ion Ratio Lower Upper

92 100

91 162.8 138.3 207.5



Abundance

1500

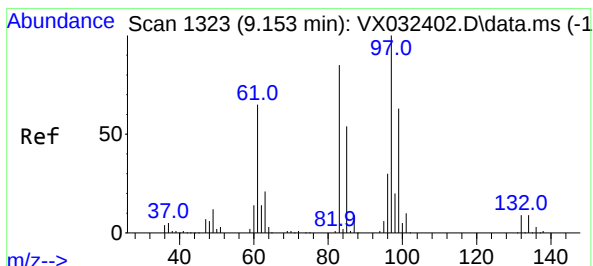
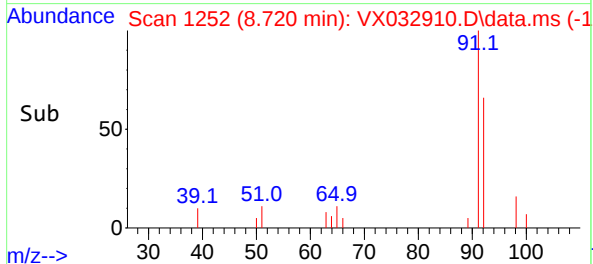
8.720

1000

500

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.321 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX032910.D

Acq: 17 Nov 2022 19:07

Tgt Ion: 97 Resp: 457

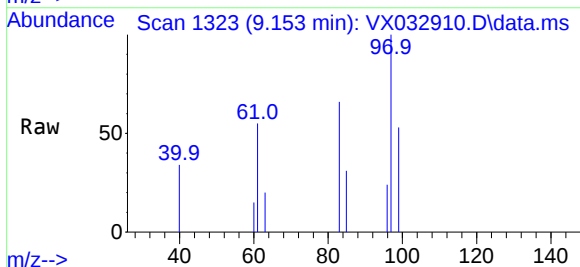
Ion Ratio Lower Upper

97 100

83 66.0 68.1 102.1#

85 30.6 43.3 64.9#

99 52.6 50.4 75.6



Abundance

300

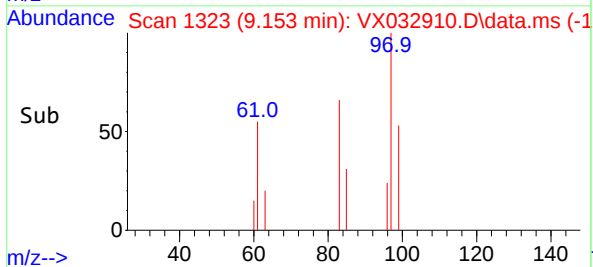
9.153

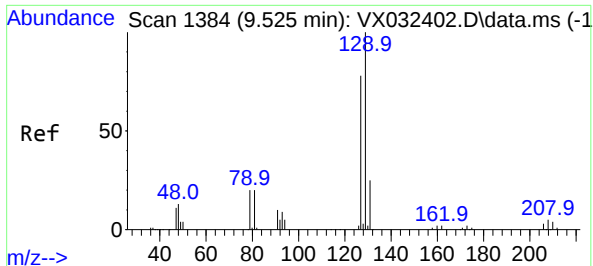
200

100

0

Time-->

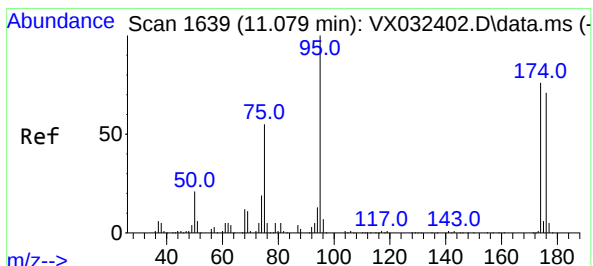
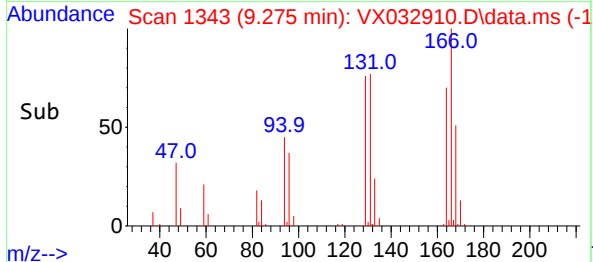
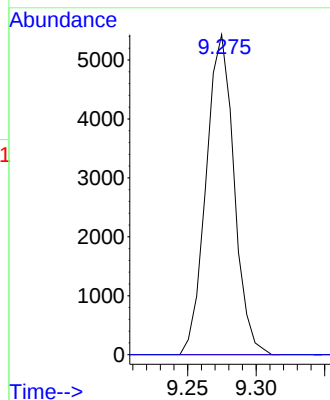
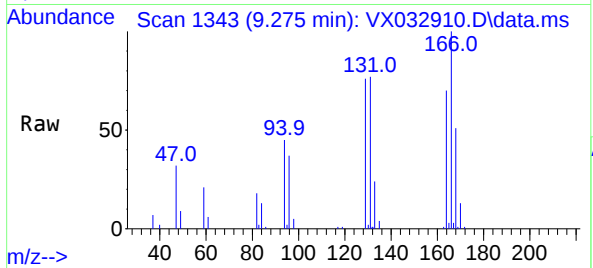




#60
Dibromochloromethane
Concen: 4.956 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

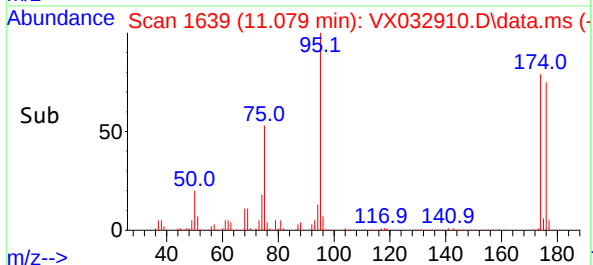
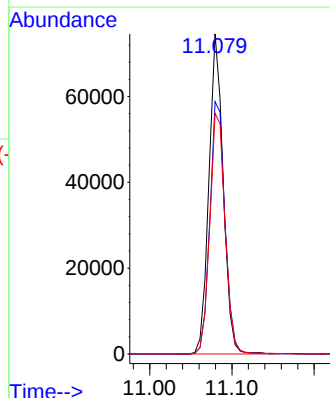
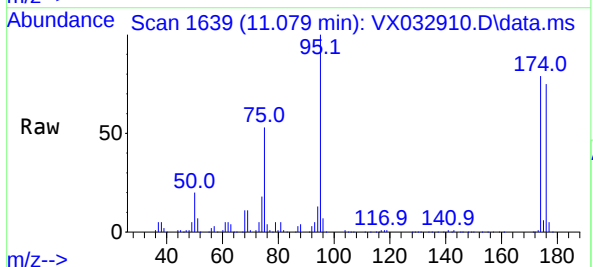
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116

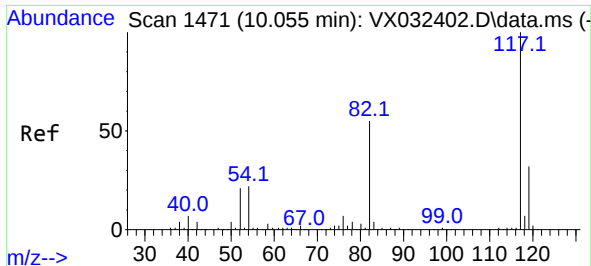
Tgt Ion:129 Resp: 7713
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 50.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Tgt Ion: 95 Resp: 90081
Ion Ratio Lower Upper
95 100
174 83.4 0.0 164.0
176 80.3 0.0 154.4

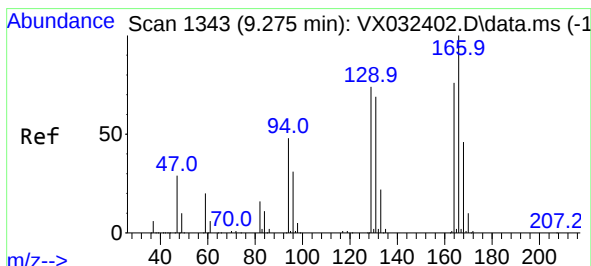
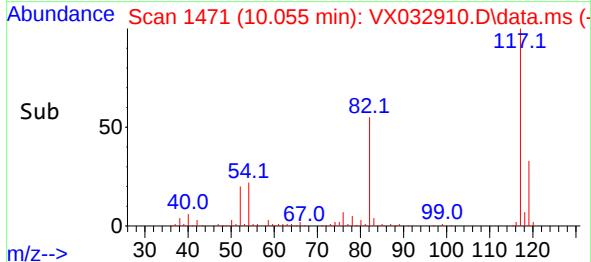
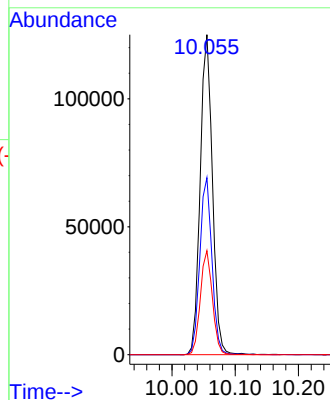
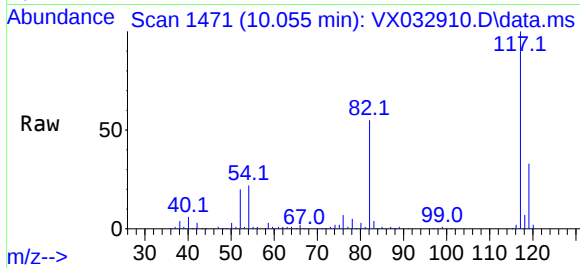




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

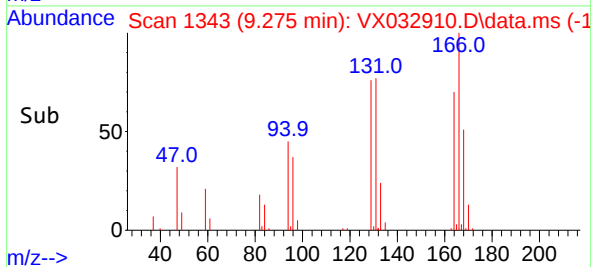
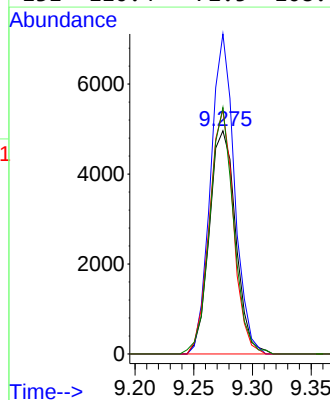
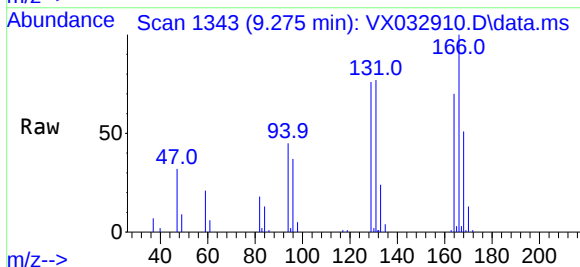
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116

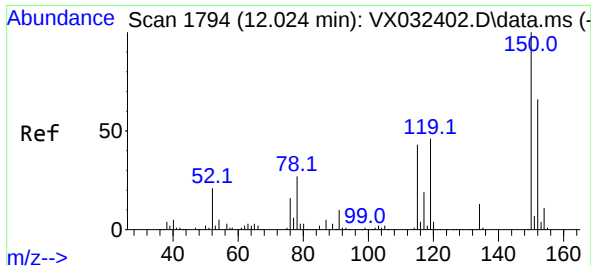
Tgt Ion:117 Resp: 168720
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 6.256 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

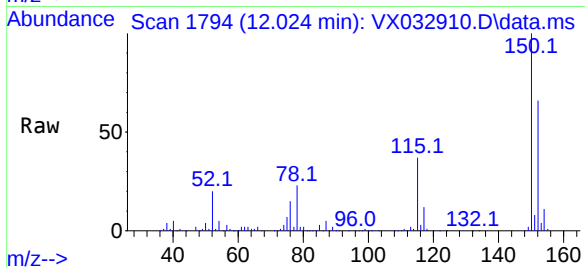
Tgt Ion:164 Resp: 7726
Ion Ratio Lower Upper
164 100
166 143.3 105.4 158.2
129 109.4 78.2 117.2
131 110.4 72.5 108.7#



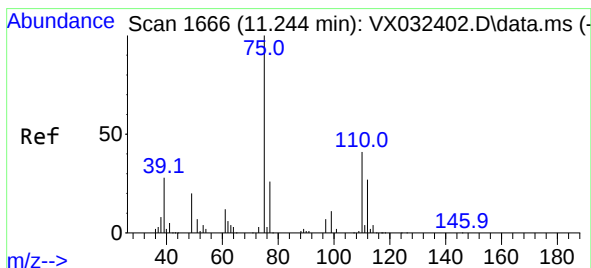
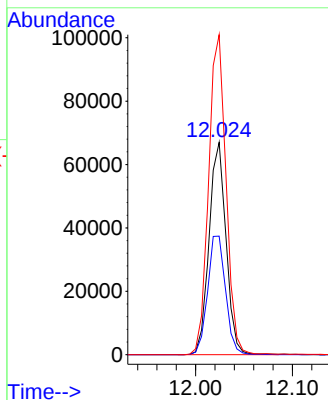
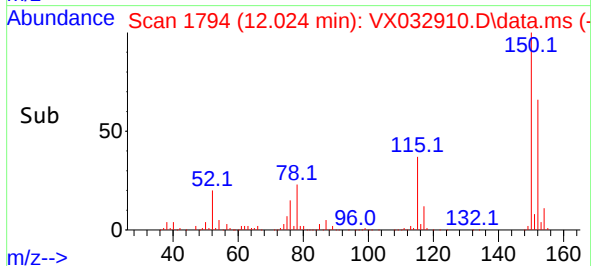


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116

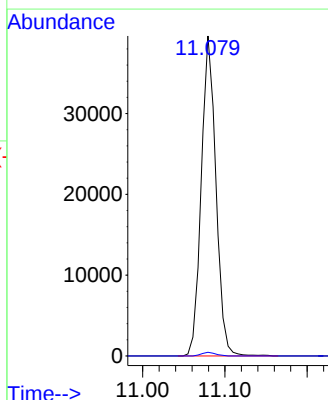
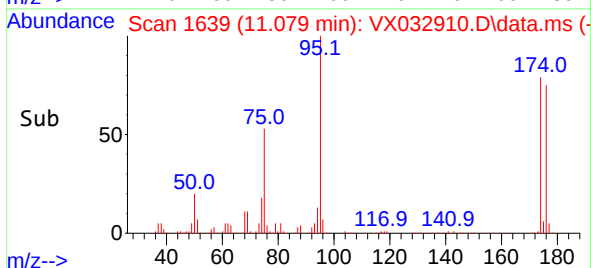
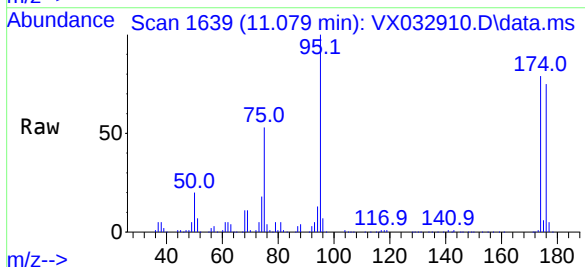


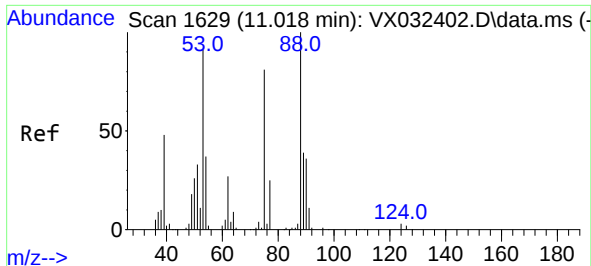
Tgt Ion:152 Resp: 81991
Ion Ratio Lower Upper
152 100
115 59.0 44.0 132.0
150 154.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.868 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

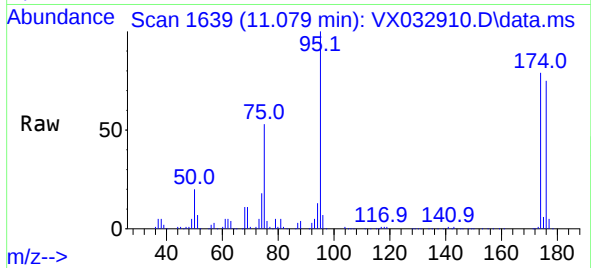
Tgt Ion: 75 Resp: 49010
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.495 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116



Tgt Ion: 75 Resp: 49010
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

