

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032904.D
 Acq On : 17 Nov 2022 16:49
 Operator : JC/MD
 Sample : N5671-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20221115

Quant Time: Nov 18 01:41:48 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)

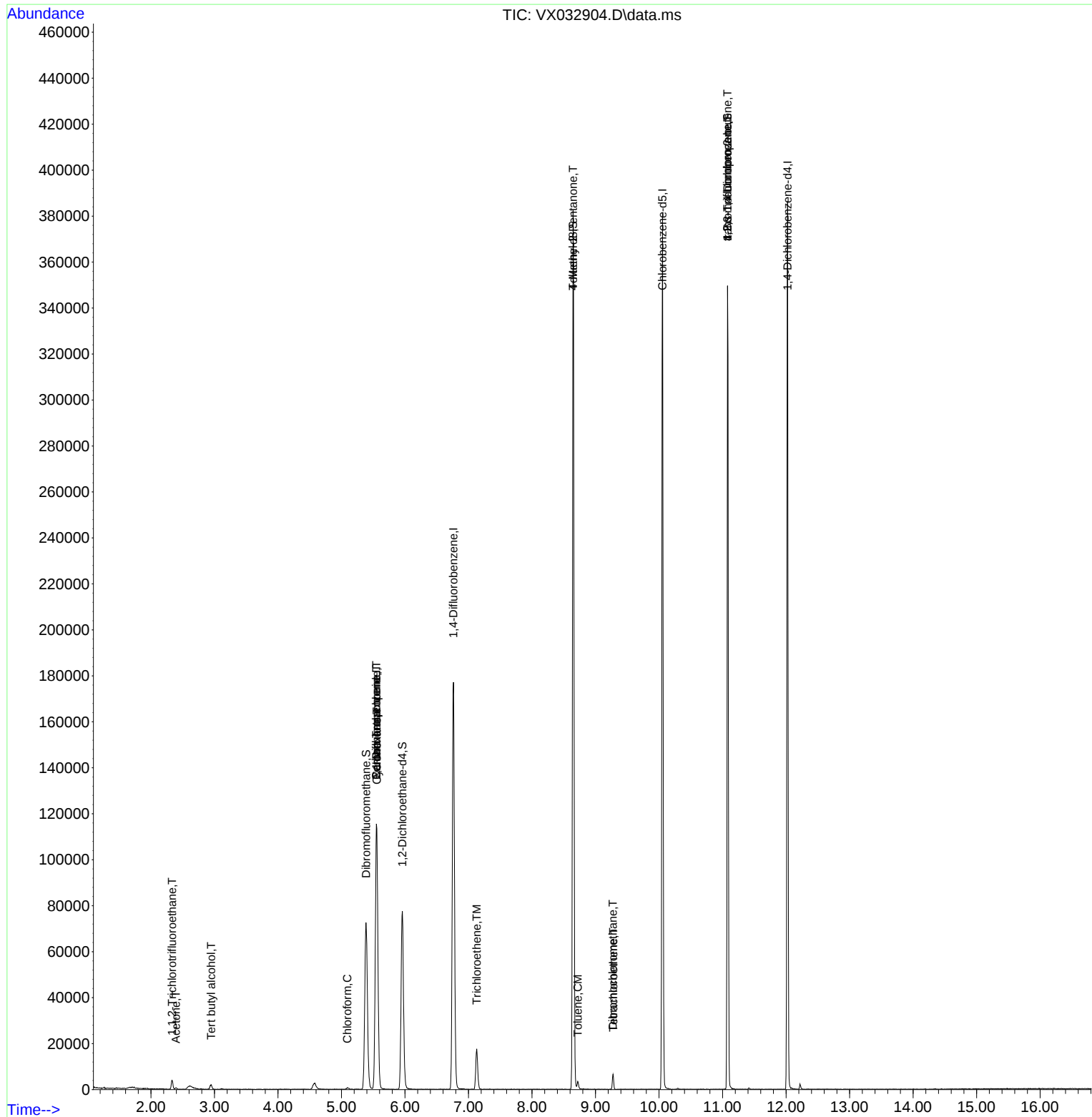
Internal Standards						
1) Pentafluorobenzene	5.550	168	109906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78502	51.405	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.820%	
35) Dibromofluoromethane	5.385	113	63255	48.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.460%	
50) Toluene-d8	8.647	98	226863	50.258	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	11.079	95	88474	50.176	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.360%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	1753	1.486	ug/l	93
11) Tert butyl alcohol	2.946	59	1376	6.191	ug/l #	72
16) Acetone	2.392	43	875	1.576	ug/l	99
30) Chloroform	5.092	83	824	0.344	ug/l	86
31) Cyclohexane	5.556	56	2354	1.271	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	8807	4.872	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11249	5.610	ug/l #	17
44) Trichloroethene	7.129	130	6922	4.807	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	937	0.515	ug/l #	1
52) Toluene	8.720	92	1187	0.356	ug/l	92
60) Dibromochloromethane	9.275	129	1103	0.718	ug/l #	11
64) Tetrachloroethene	9.281	164	1231	1.028	ug/l #	79
76) 1,2,3-Trichloropropane	11.079	75	48435	28.093	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48435	89.391	ug/l #	6

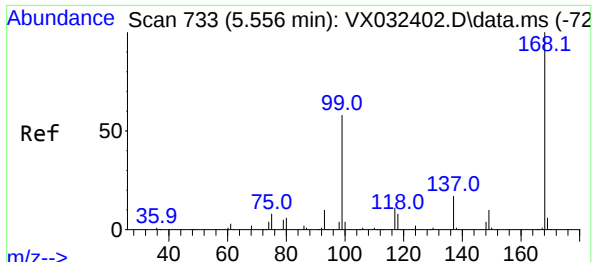
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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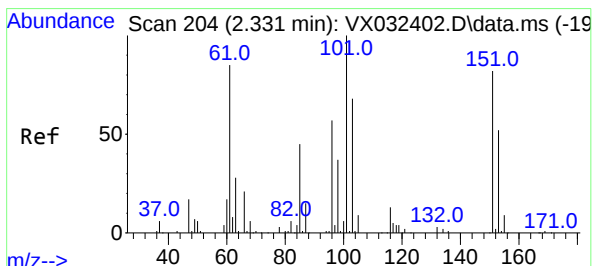
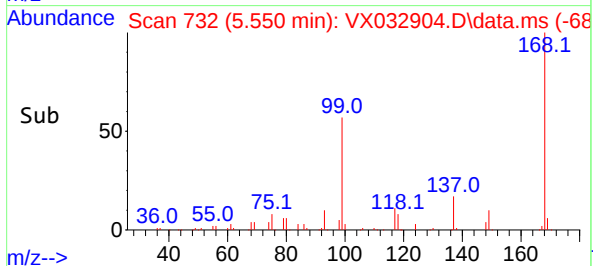
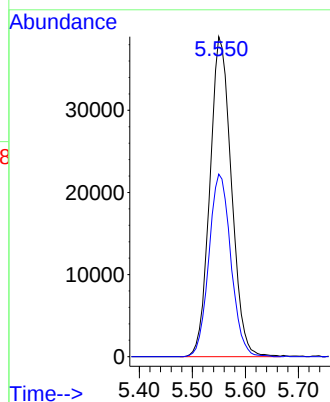
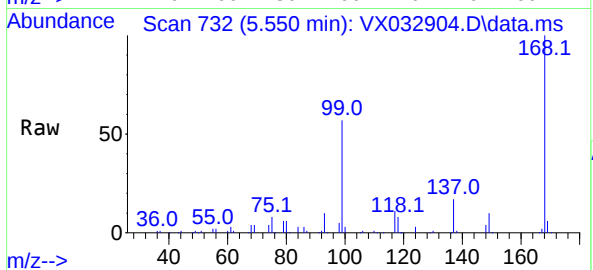




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

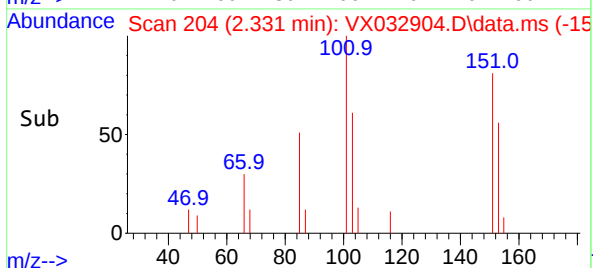
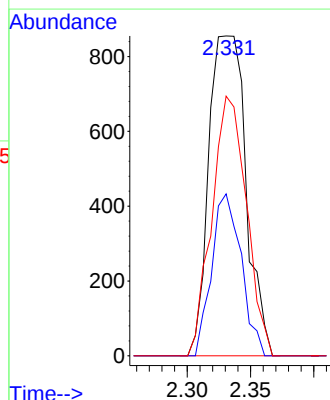
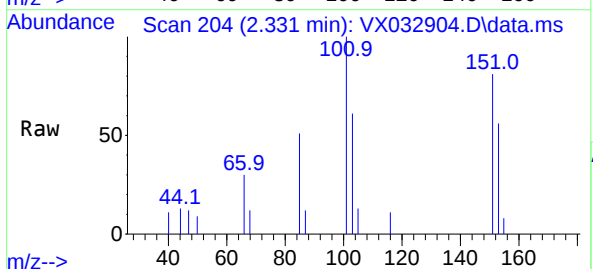
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20221115

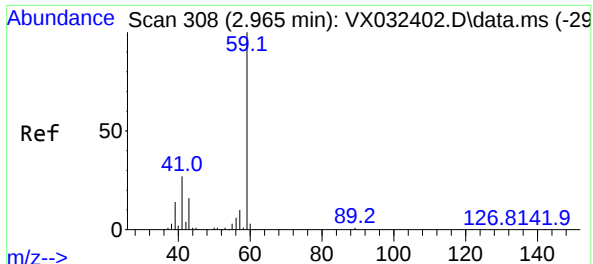
Tgt Ion:168 Resp: 109906
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.486 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

Tgt Ion:101 Resp: 1753
Ion Ratio Lower Upper
101 100
85 40.0 37.0 55.4
151 75.4 64.4 96.6





#11

Tert butyl alcohol

Concen: 6.191 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032904.D

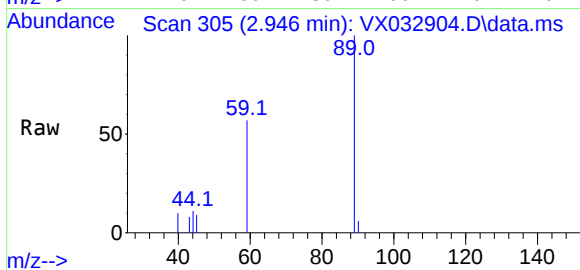
Acq: 17 Nov 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20221115

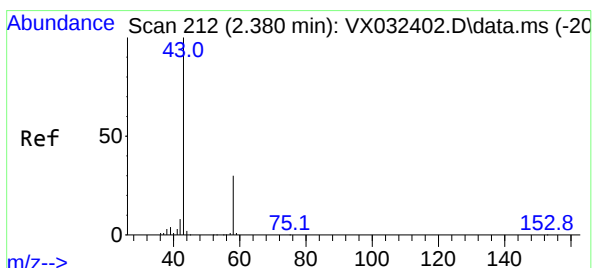
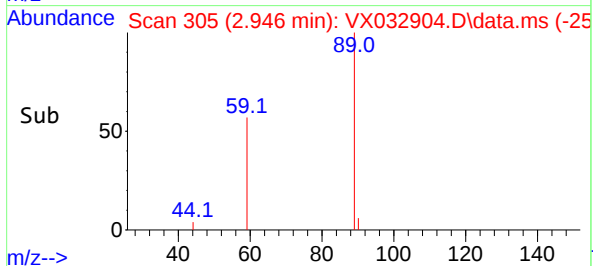
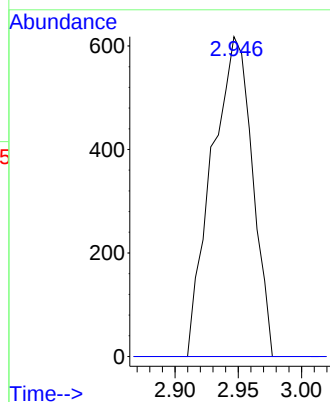


Tgt Ion: 59 Resp: 1376

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 1.576 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX032904.D

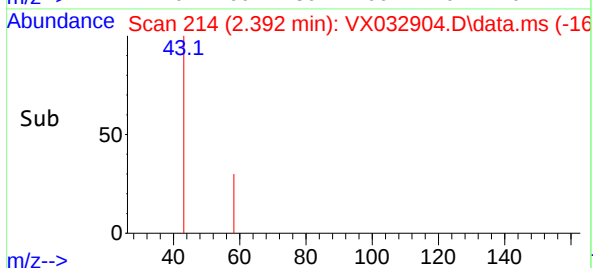
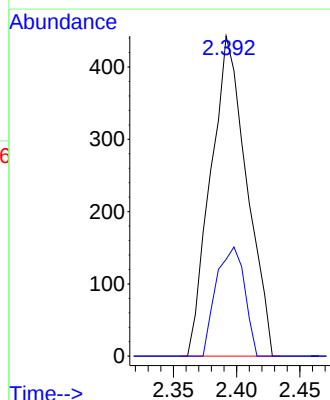
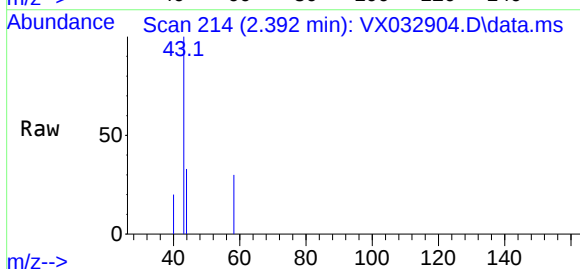
Acq: 17 Nov 2022 16:49

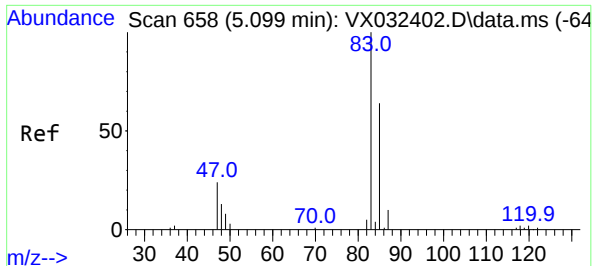
Tgt Ion: 43 Resp: 875

Ion Ratio Lower Upper

43 100

58 30.2 23.8 35.8

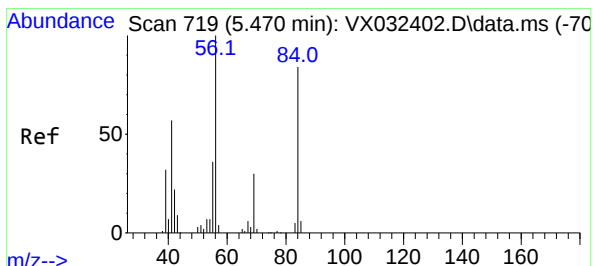
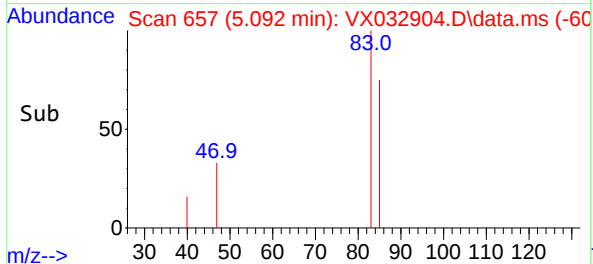
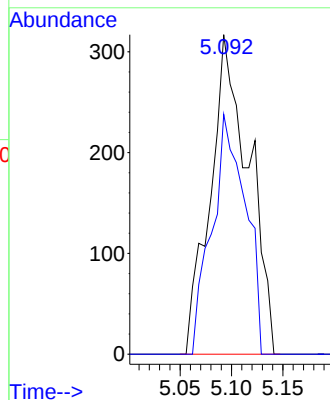
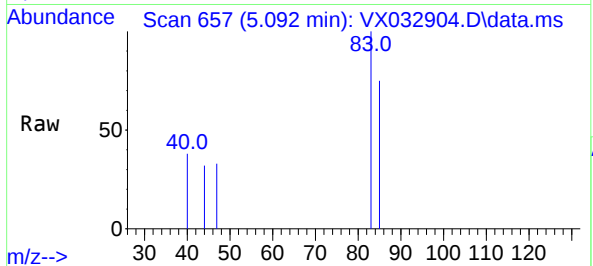




#30
Chloroform
Concen: 0.344 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

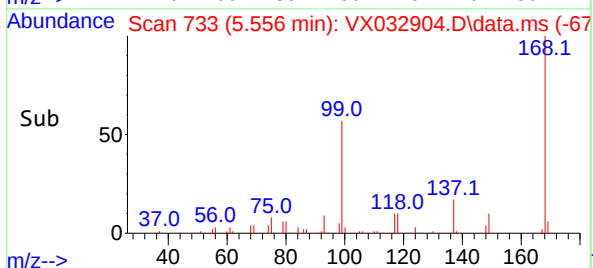
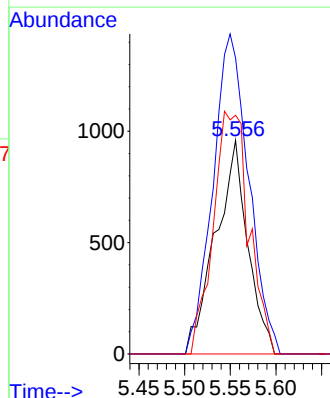
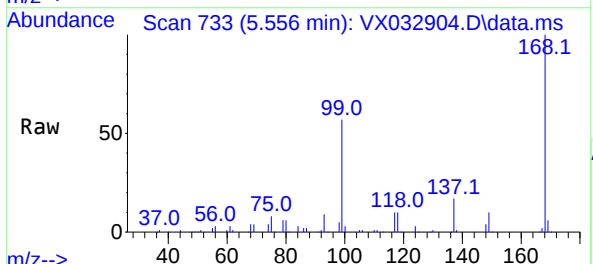
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20221115

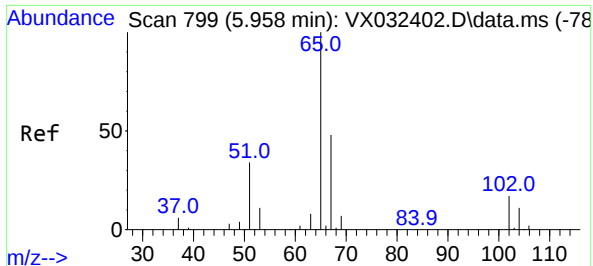
Tgt Ion: 83 Resp: 824
Ion Ratio Lower Upper
83 100
85 75.1 51.1 76.7



#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

Tgt Ion: 56 Resp: 2354
Ion Ratio Lower Upper
56 100
69 138.6 24.1 36.1#
84 111.8 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 51.405 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032904.D

Acq: 17 Nov 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

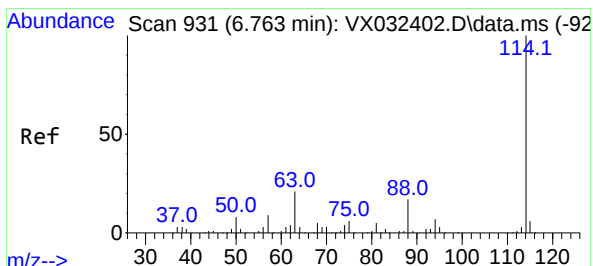
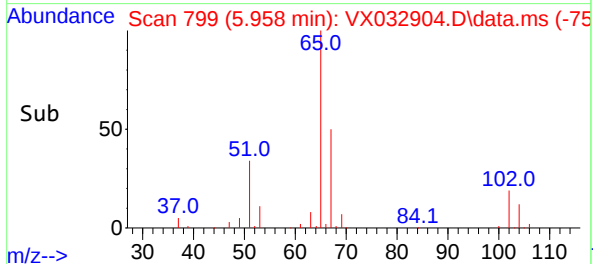
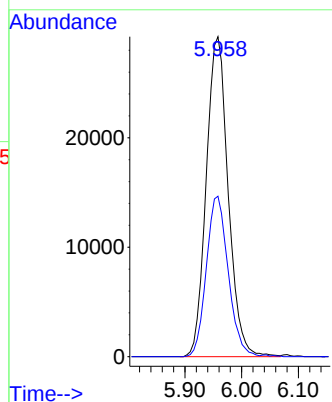
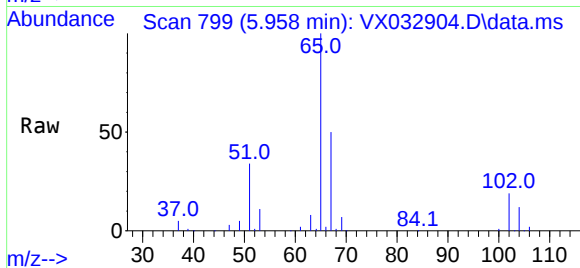
RE134D1-20221115

Tgt Ion: 65 Resp: 78502

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032904.D

Acq: 17 Nov 2022 16:49

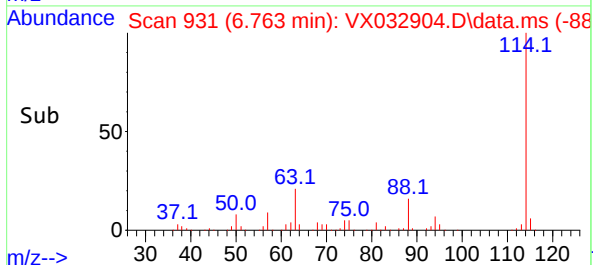
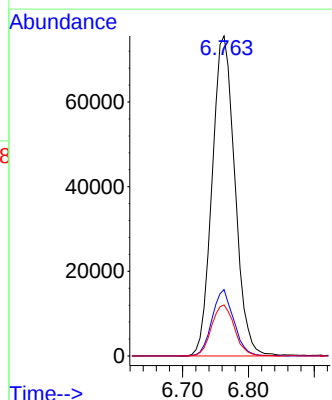
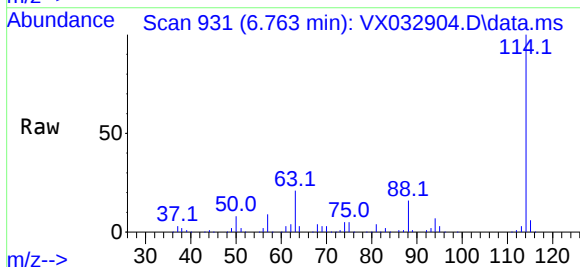
Tgt Ion: 114 Resp: 181990

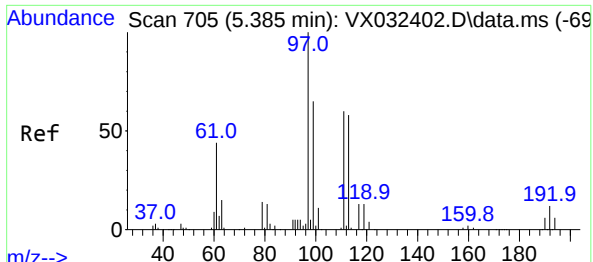
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

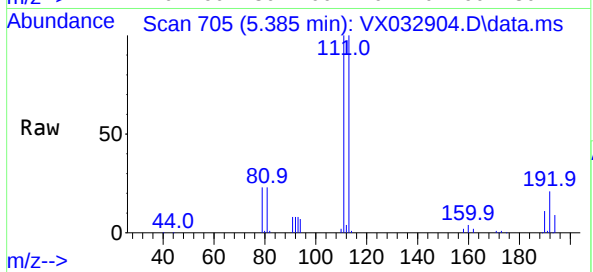
88 15.9 0.0 33.4



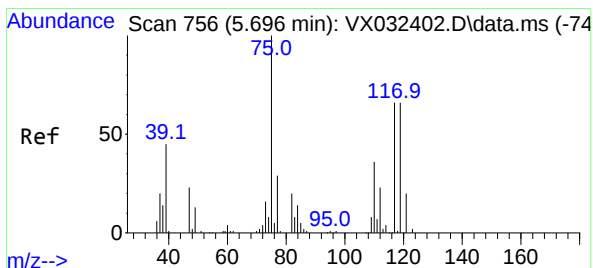
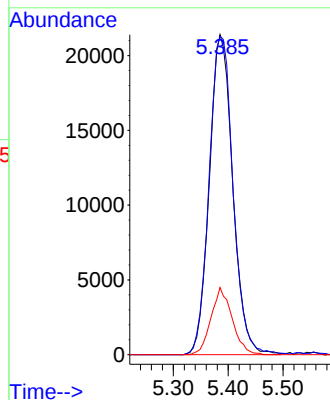
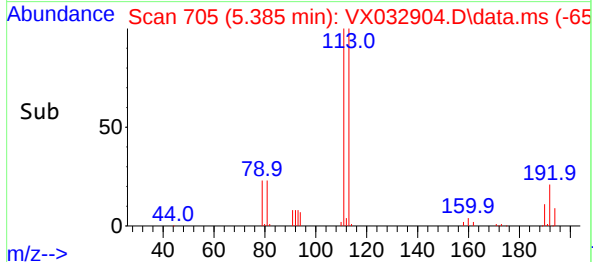


#35
Dibromofluoromethane
Concen: 48.727 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20221115

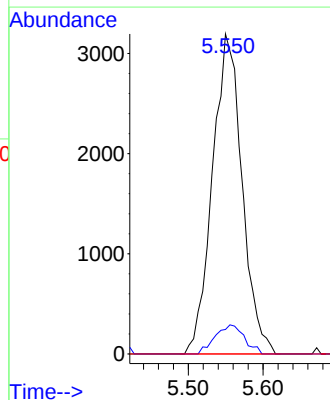
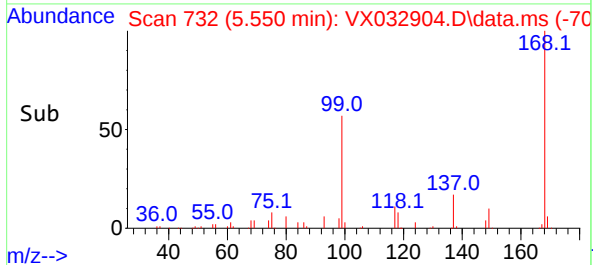
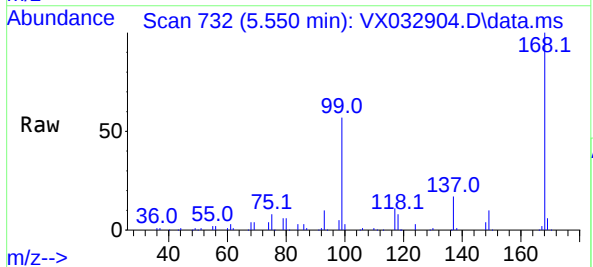


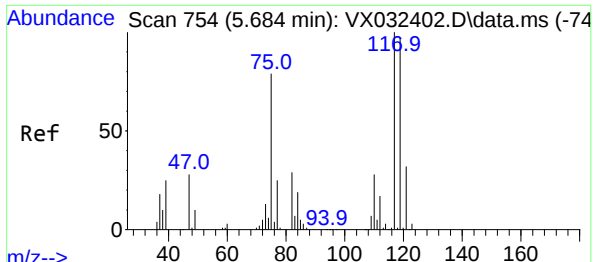
Tgt Ion:113 Resp: 63255
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.872 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

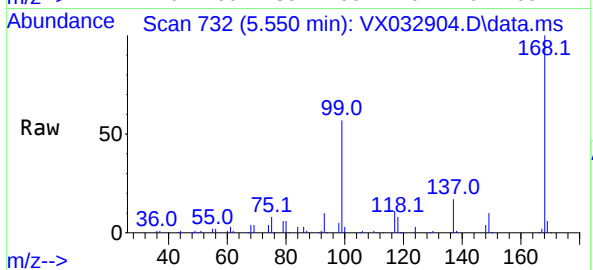
Tgt Ion: 75 Resp: 8807
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.5 36.7#



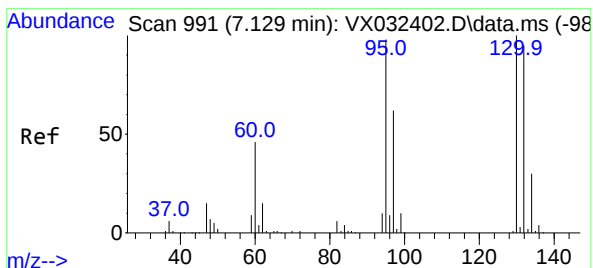
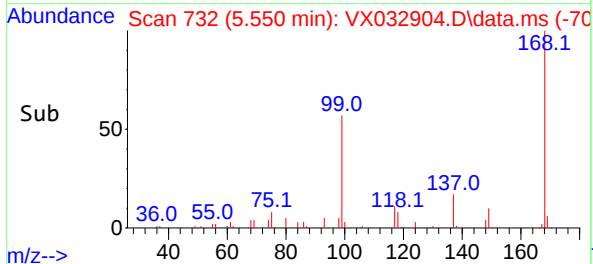
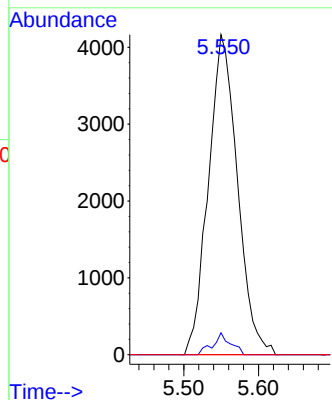


#38
Carbon Tetrachloride
Concen: 5.610 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

Instrument :
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ClientSampleId :
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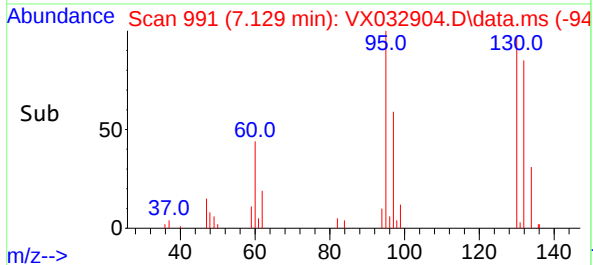
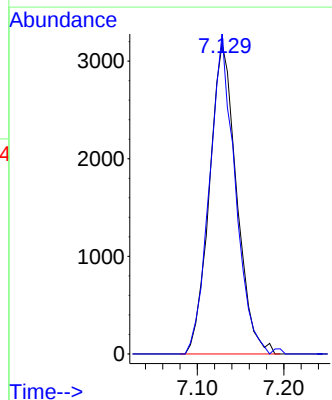
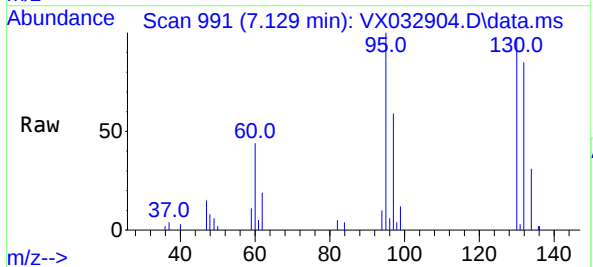


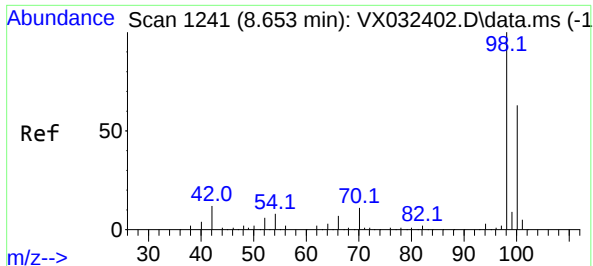
Tgt Ion:117 Resp: 11249
Ion Ratio Lower Upper
117 100
119 6.8 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 4.807 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

Tgt Ion:130 Resp: 6922
Ion Ratio Lower Upper
130 100
95 103.0 0.0 195.2





#50

Toluene-d8

Concen: 50.258 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032904.D

Acq: 17 Nov 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

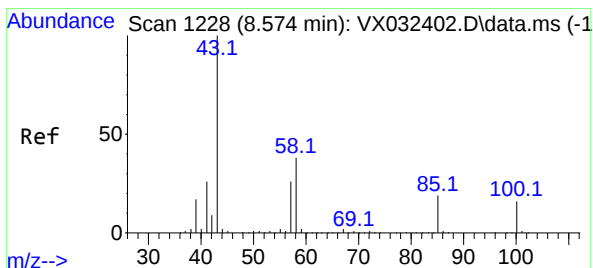
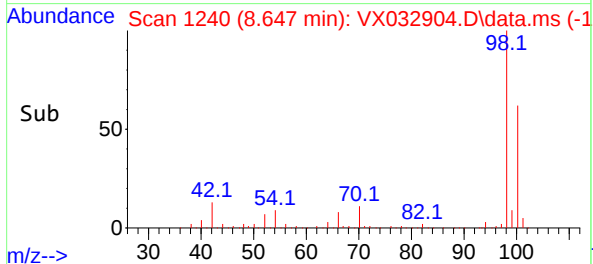
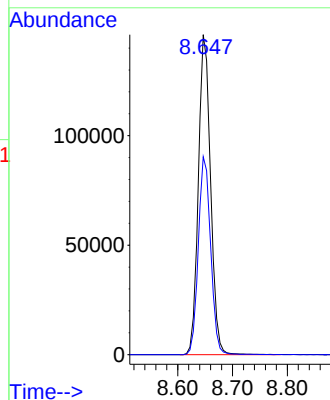
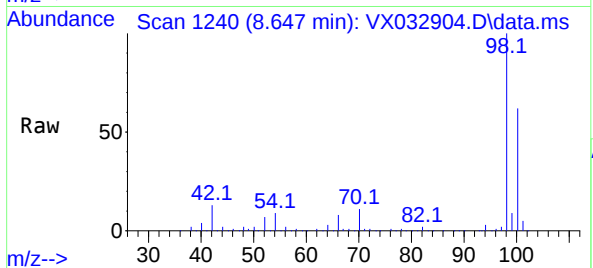
RE134D1-20221115

Tgt Ion: 98 Resp: 226863

Ion Ratio Lower Upper

98 100

100 62.4 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.515 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032904.D

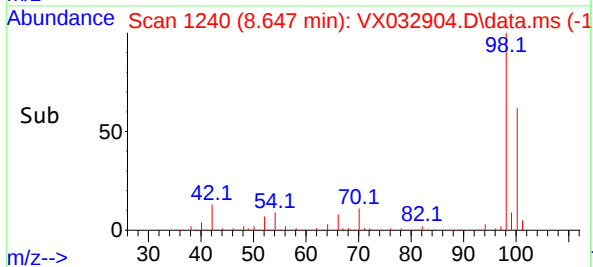
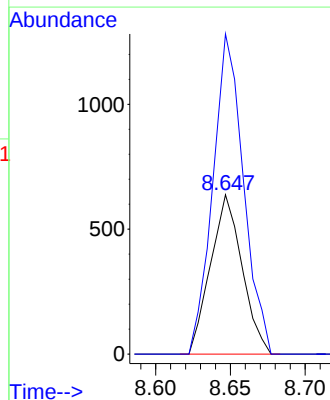
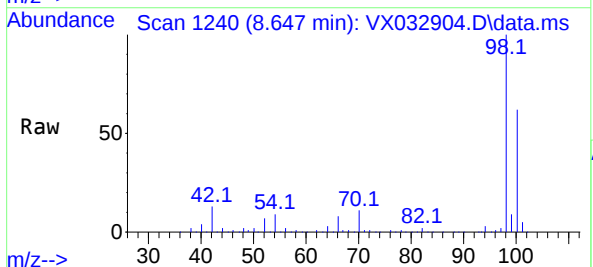
Acq: 17 Nov 2022 16:49

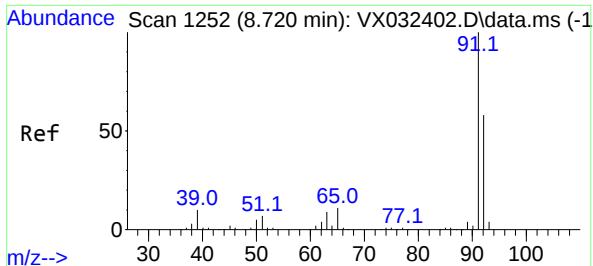
Tgt Ion: 43 Resp: 937

Ion Ratio Lower Upper

43 100

58 194.9 30.9 46.3#

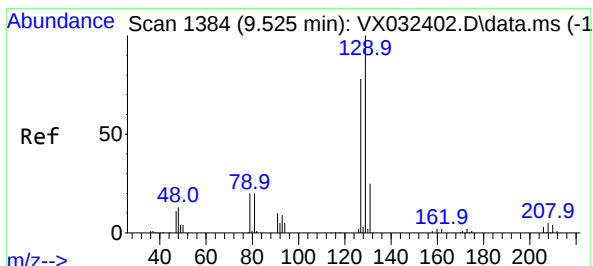
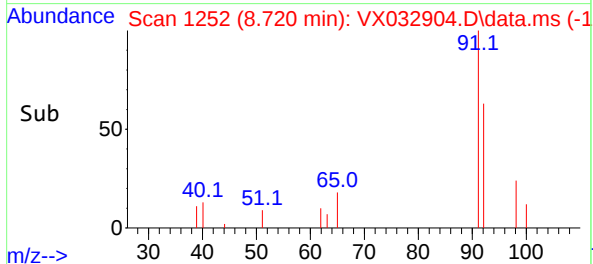
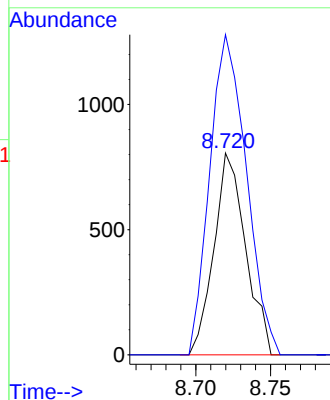
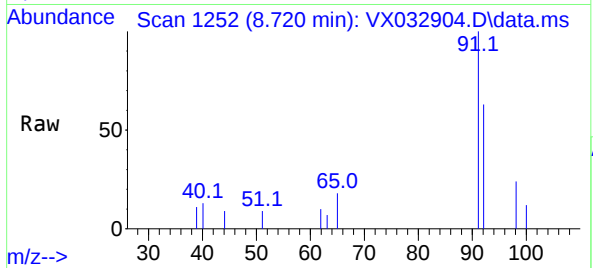




#52
Toluene
Concen: 0.356 ug/l
RT: 8.720 min Scan# 1187
Delta R.T. -0.000 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

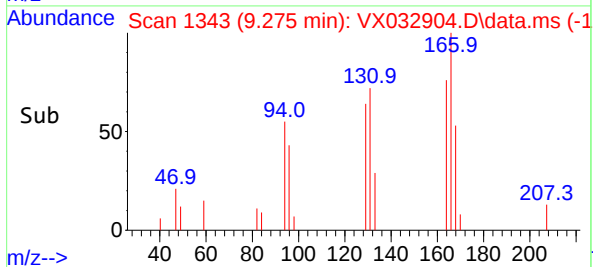
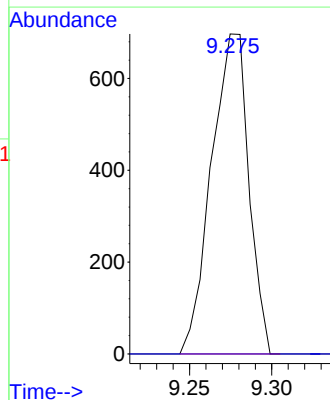
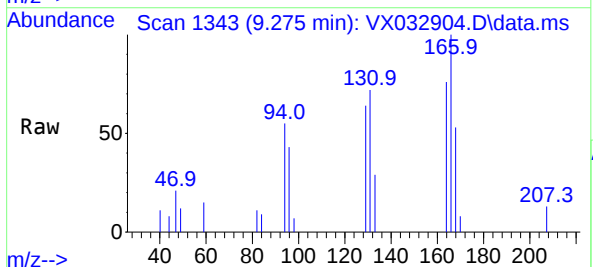
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20221115

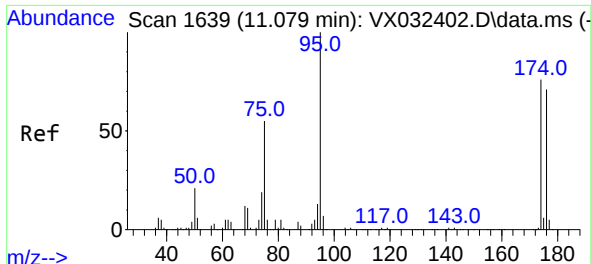
Tgt Ion: 92 Resp: 1187
Ion Ratio Lower Upper
92 100
91 183.3 138.3 207.5



#60
Dibromochloromethane
Concen: 0.718 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

Tgt Ion: 129 Resp: 1103
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

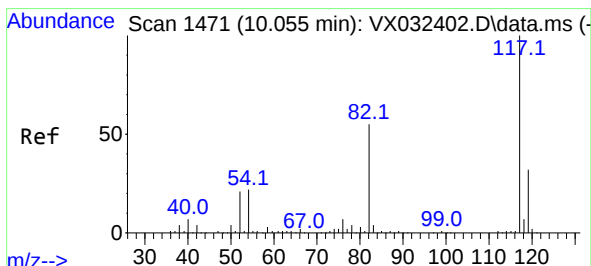
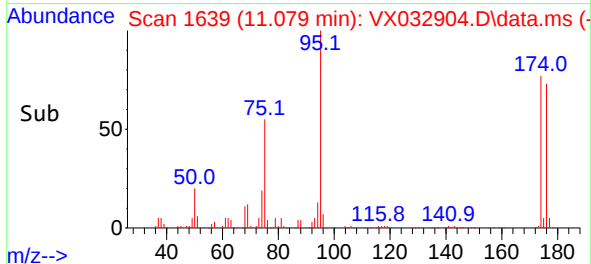
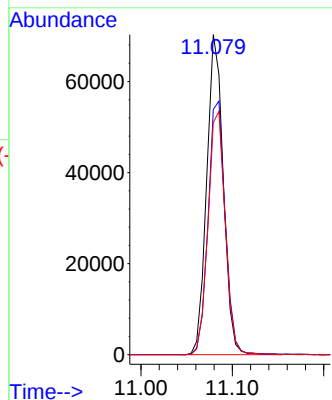
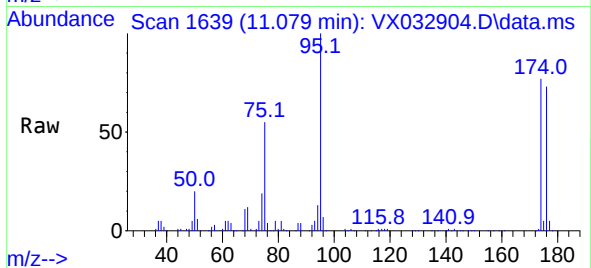




#62
4-Bromofluorobenzene
Concen: 50.176 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

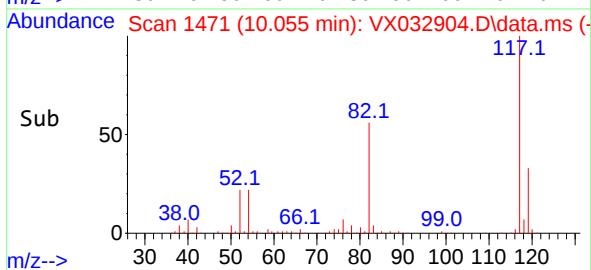
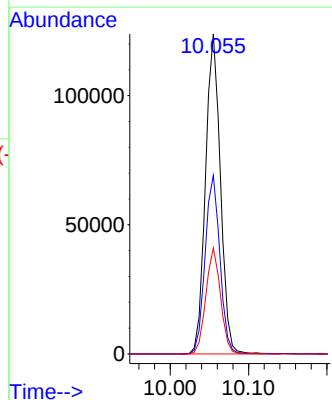
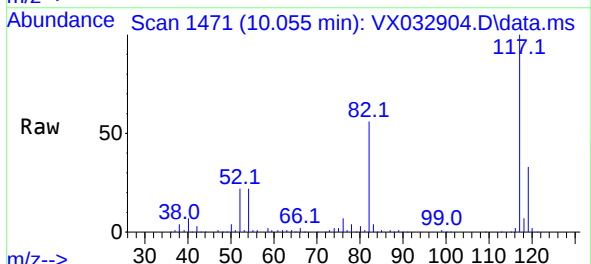
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20221115

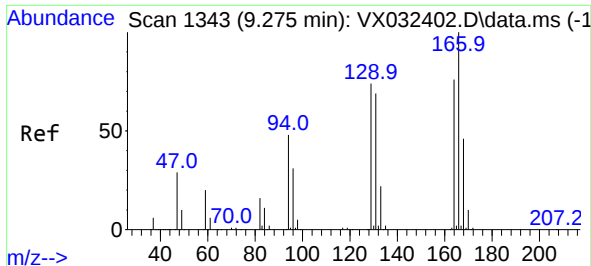
Tgt Ion: 95 Resp: 88474
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 78.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

Tgt Ion: 117 Resp: 163621
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 33.1 25.7 38.5



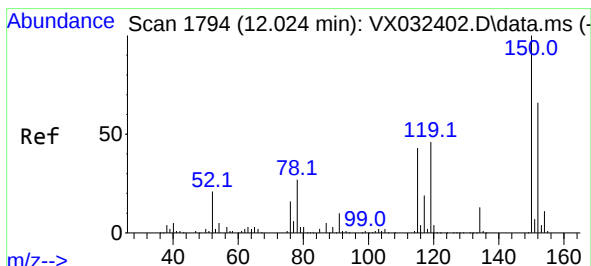
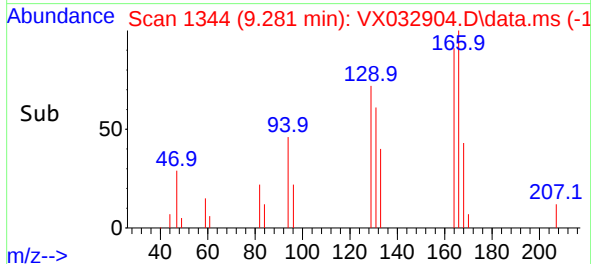
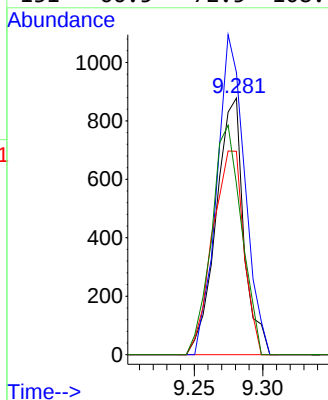
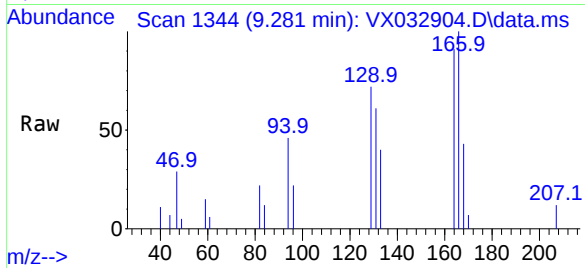


#64
Tetrachloroethene
Concen: 1.028 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20221115

Tgt Ion:164 Resp: 1231

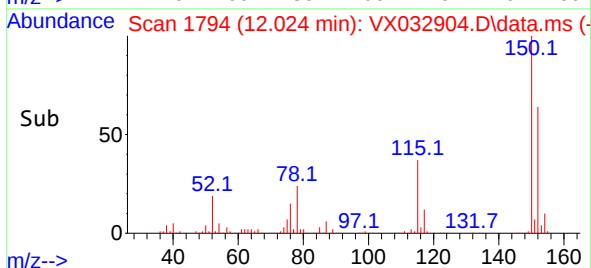
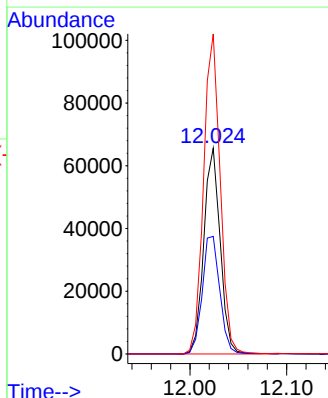
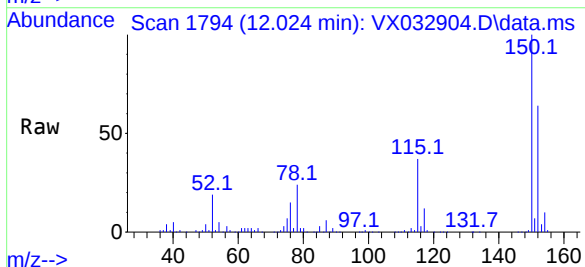
Ion	Ratio	Lower	Upper
164	100		
166	109.9	105.4	158.2
129	79.3	78.2	117.2
131	66.5	72.5	108.7#

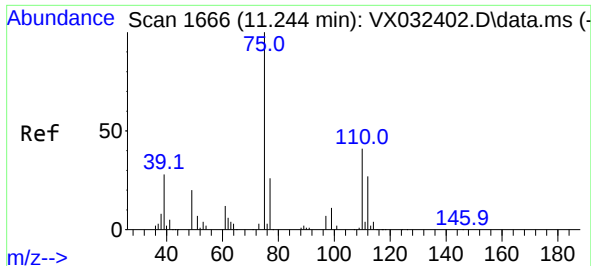


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

Tgt Ion:152 Resp: 77497

Ion	Ratio	Lower	Upper
152	100		
115	61.0	44.0	132.0
150	157.6	0.0	351.8

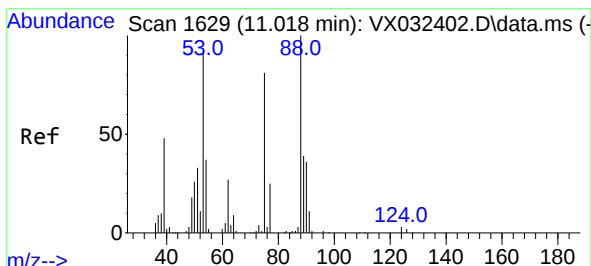
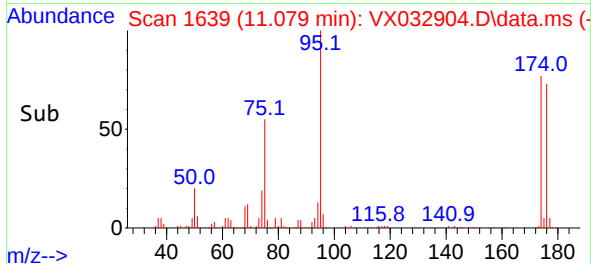
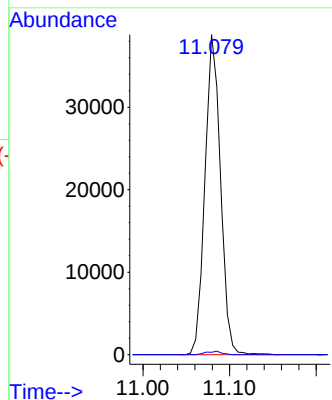
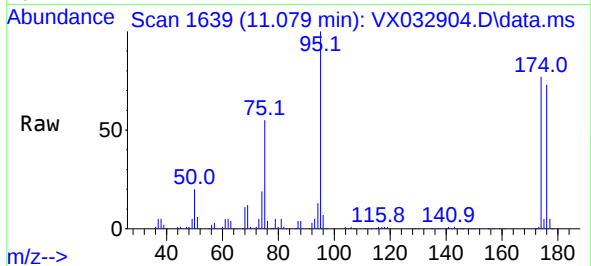




#76
1,2,3-Trichloropropane
Concen: 28.093 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20221115

Tgt Ion: 75 Resp: 48435
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.391 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032904.D
Acq: 17 Nov 2022 16:49

Tgt Ion: 75 Resp: 48435
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

