

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032992.D
 Acq On : 22 Nov 2022 20:41
 Operator : JC/MD
 Sample : N5729-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S-20221117RE

Quant Time: Nov 23 05:50:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

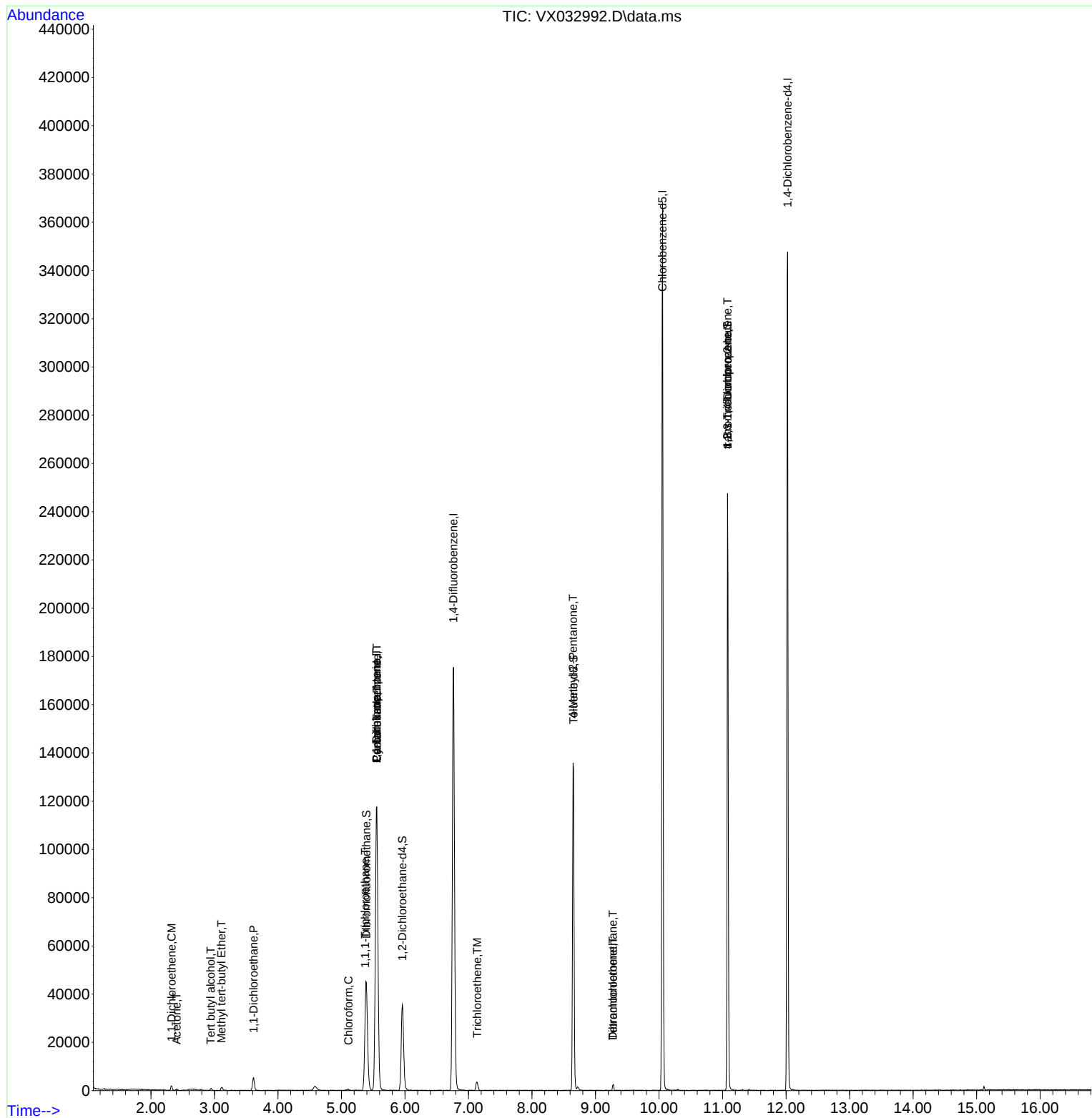
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	112506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35864	31.461	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	62.920%#
35) Dibromofluoromethane	5.391	113	38375	37.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	75.900%
50) Toluene-d8	8.653	98	83072	26.280	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	52.560%#
62) 4-Bromofluorobenzene	11.079	95	61478	46.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	360	2.073	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	653	0.665	ug/l	93
16) Acetone	2.404	43	812	1.587	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	1387	0.407	ug/l	95
20) Methylene Chloride	2.800	84	147	Below Cal	#	66
24) 1,1-Dichloroethane	3.617	63	5936	3.005	ug/l	98
30) Chloroform	5.111	83	719	0.325	ug/l #	71
31) Cyclohexane	5.556	56	2318	1.306	ug/l #	1
32) 1,1,1-Trichloroethane	5.373	97	555	0.280	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	8937	5.527	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11736	6.543	ug/l #	16
44) Trichloroethene	7.135	130	1600	1.258	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	350	0.243	ug/l #	1
60) Dibromochloromethane	9.275	129	340	0.260	ug/l #	11
64) Tetrachloroethene	9.275	164	372	0.326	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	32924	23.997	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32924	78.001	ug/l #	6

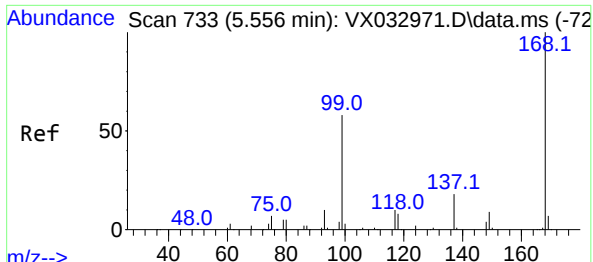
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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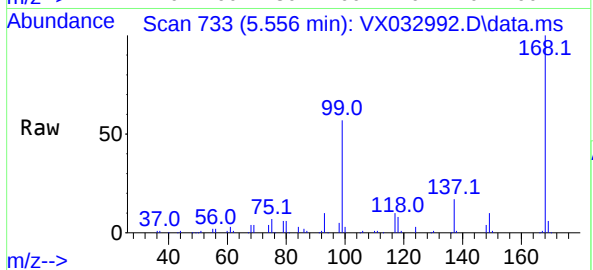
Quant Time: Nov 23 05:50:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
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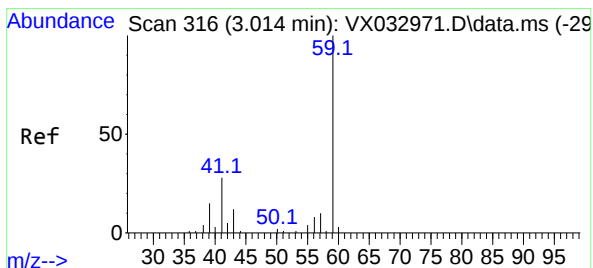
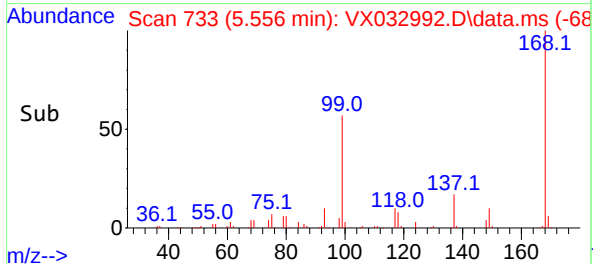
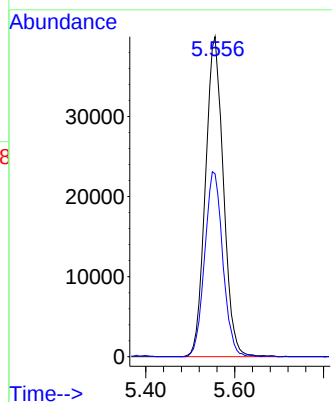


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117RE

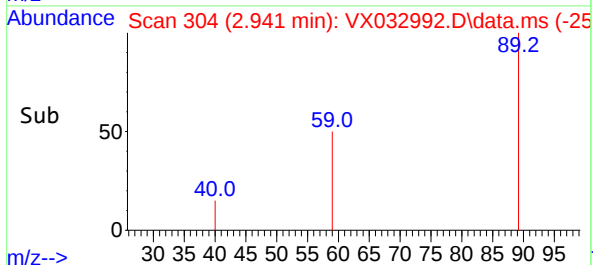
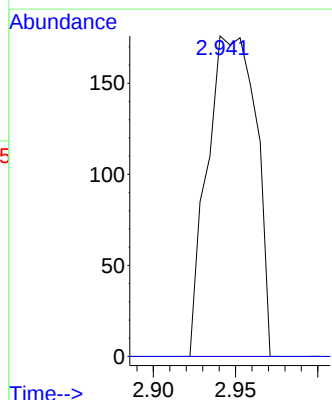
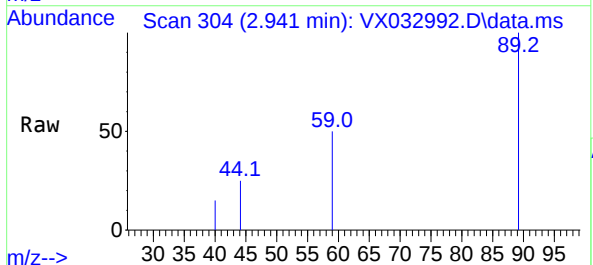


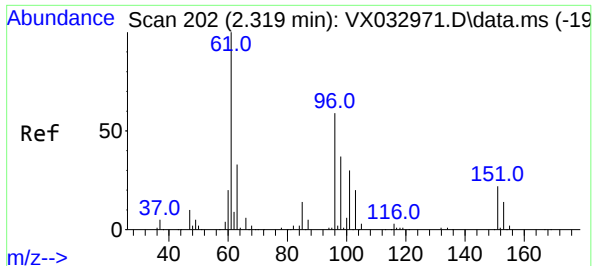
Tgt Ion:168 Resp: 112506
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 2.073 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Tgt Ion: 59 Resp: 360
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#12

1,1-Dichloroethene

Concen: 0.665 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX032992.D

Acq: 22 Nov 2022 20:41

Instrument :

MSVOA_X

ClientSampleId :

TT161S-20221117RE

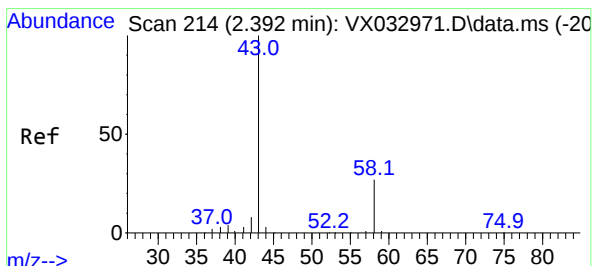
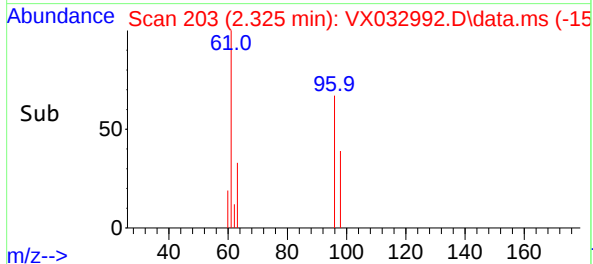
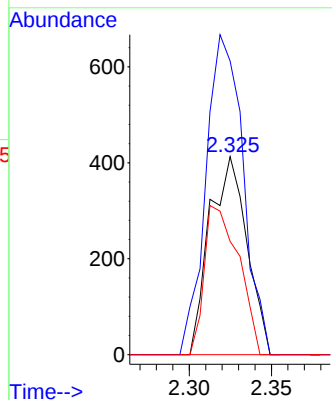
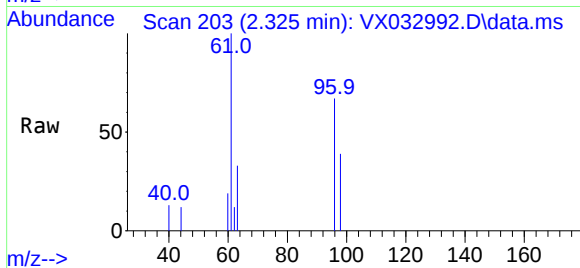
Tgt Ion: 96 Resp: 653

Ion Ratio Lower Upper

96 100

61 148.2 125.1 187.7

98 57.1 50.6 76.0



#16

Acetone

Concen: 1.587 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.024 min

Lab File: VX032992.D

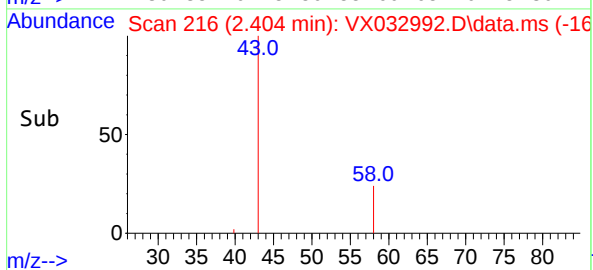
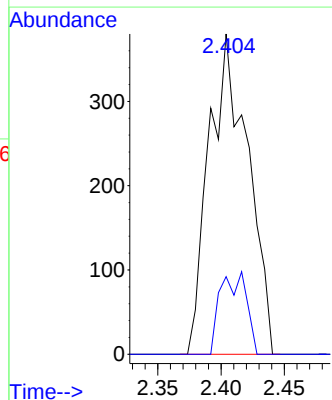
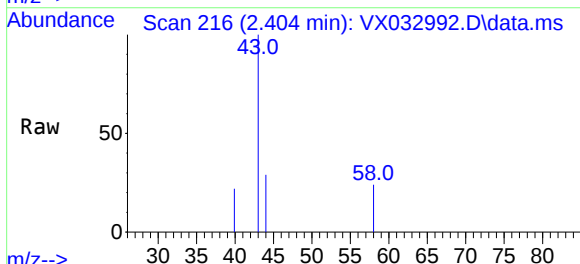
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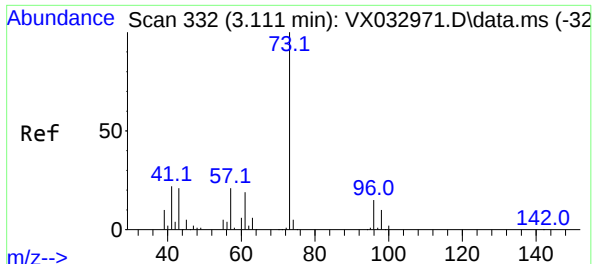
Tgt Ion: 43 Resp: 812

Ion Ratio Lower Upper

43 100

58 24.2 23.8 35.8





#19

Methyl tert-butyl Ether

Concen: 0.407 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX032992.D

Acq: 22 Nov 2022 20:41

Instrument :

MSVOA_X

ClientSampleId :

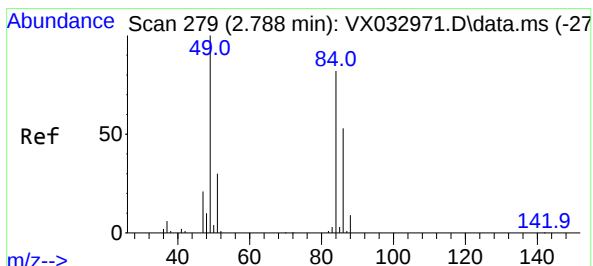
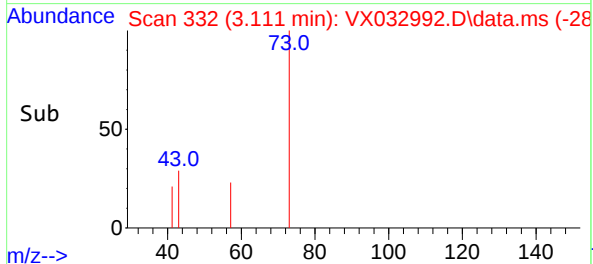
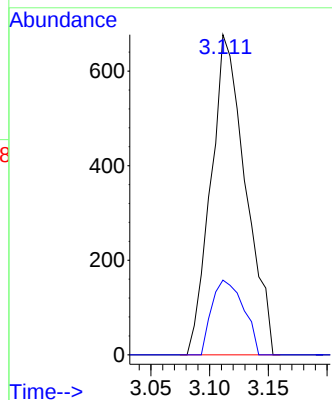
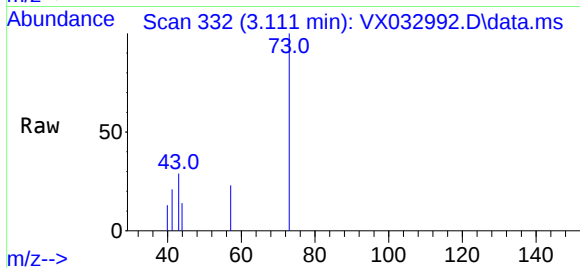
TT161S-20221117RE

Tgt Ion: 73 Resp: 1387

Ion Ratio Lower Upper

73 100

57 23.3 16.6 25.0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX032992.D

Acq: 22 Nov 2022 20:41

Tgt Ion: 84 Resp: 147

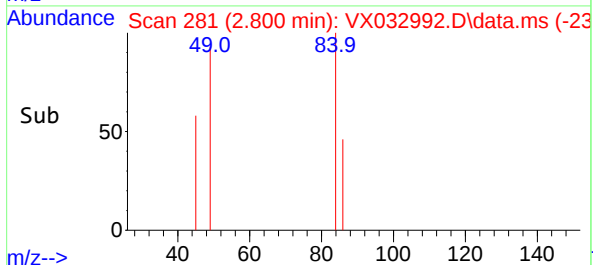
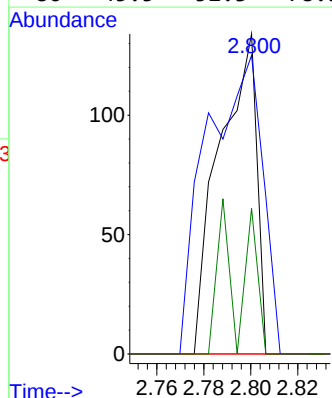
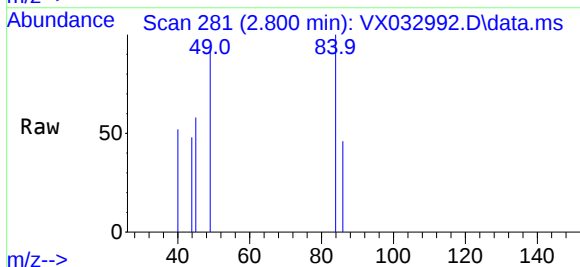
Ion Ratio Lower Upper

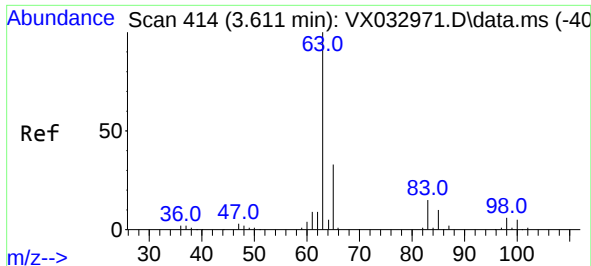
84 100

49 93.3 101.0 151.6#

51 0.0 31.1 46.7#

86 45.5 52.3 78.5#

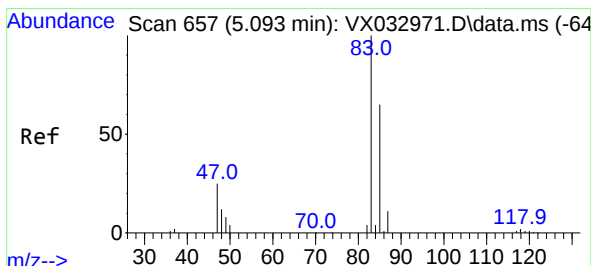
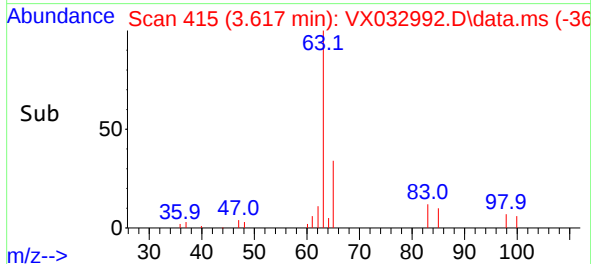
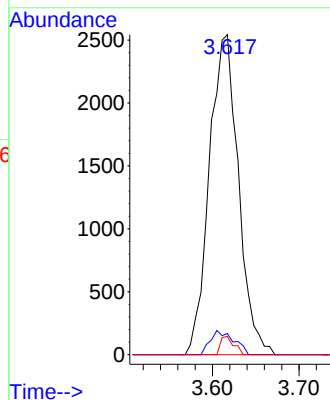
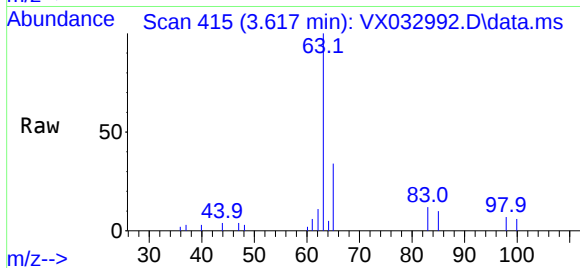




#24
1,1-Dichloroethane
Concen: 3.005 ug/l
RT: 3.617 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

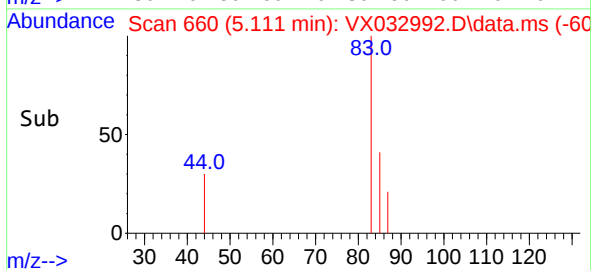
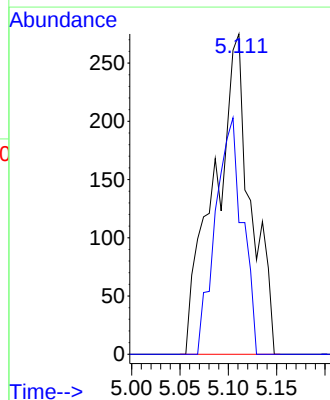
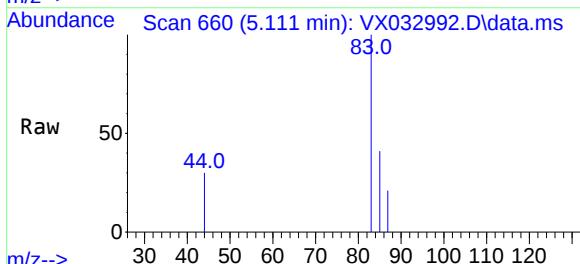
Instrument :
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ClientSampleId :
TT161S-20221117RE

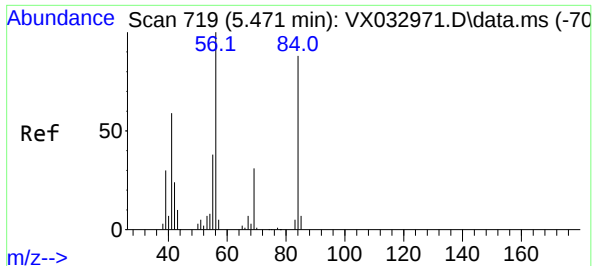
Tgt Ion: 63 Resp: 5936
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.4
100 5.7 2.3 6.8



#30
Chloroform
Concen: 0.325 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.012 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

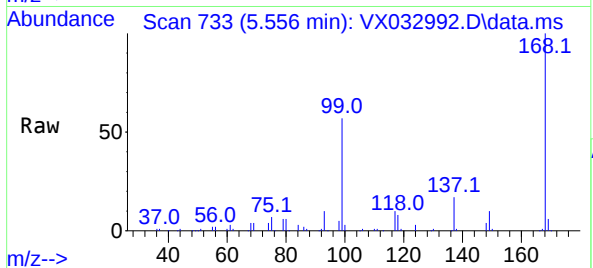
Tgt Ion: 83 Resp: 719
Ion Ratio Lower Upper
83 100
85 41.1 51.1 76.7#



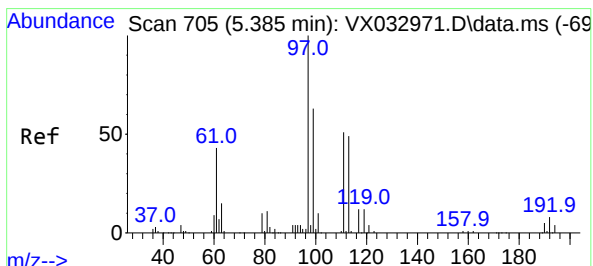
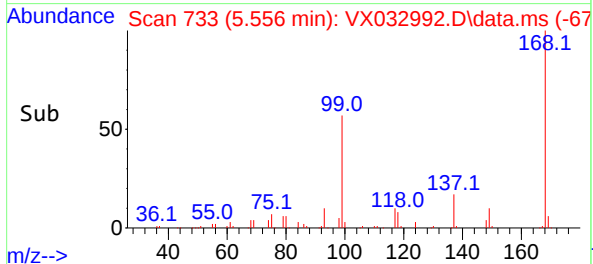
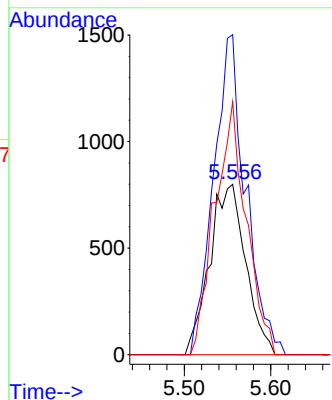


#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117RE

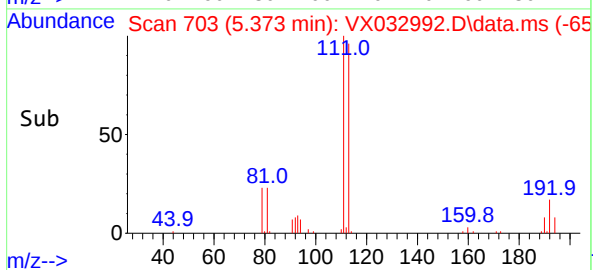
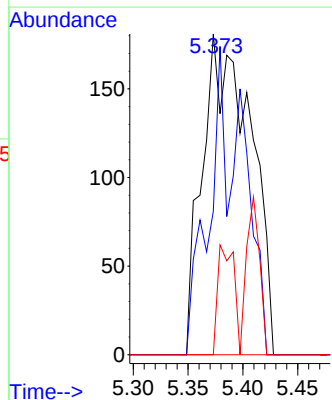
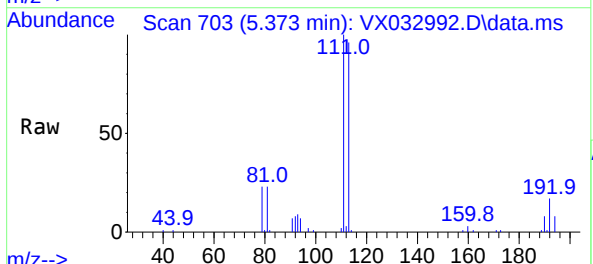


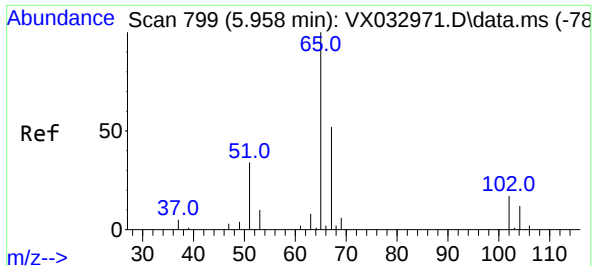
Tgt Ion: 56 Resp: 2318
Ion Ratio Lower Upper
56 100
69 187.8 24.1 36.1#
84 148.4 66.9 100.3#



#32
1,1,1-Trichloroethane
Concen: 0.280 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Tgt Ion: 97 Resp: 555
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 0.0 35.2 52.8#

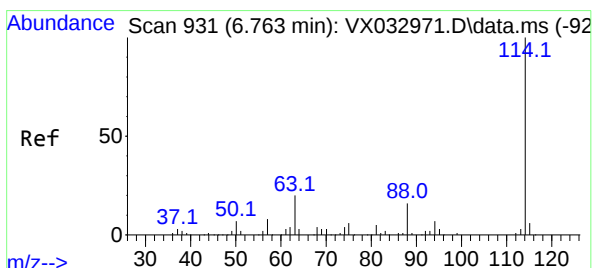
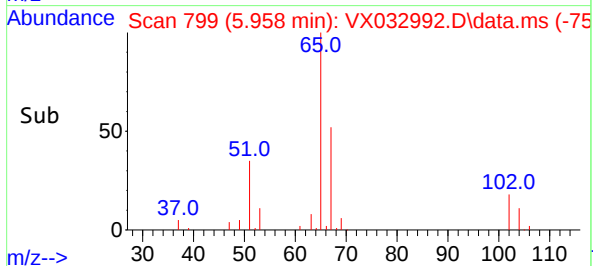
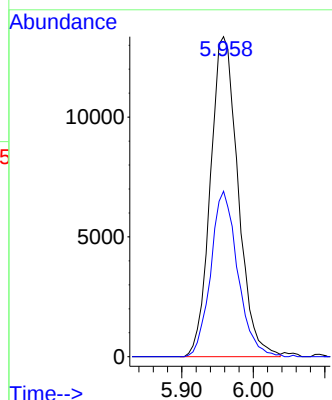
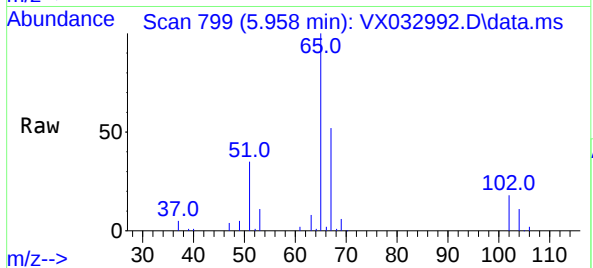




#33
 1,2-Dichloroethane-d4
 Concen: 31.461 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032992.D
 Acq: 22 Nov 2022 20:41

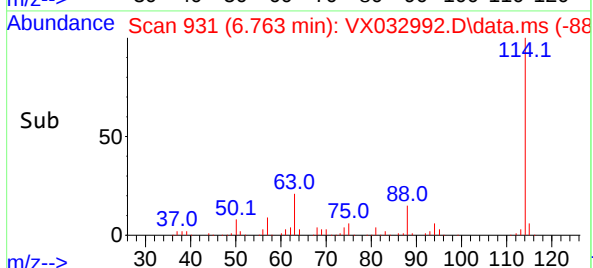
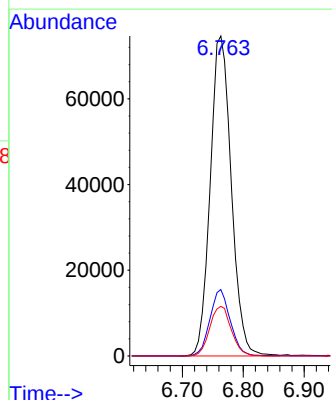
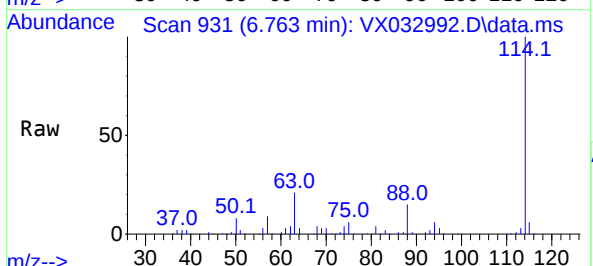
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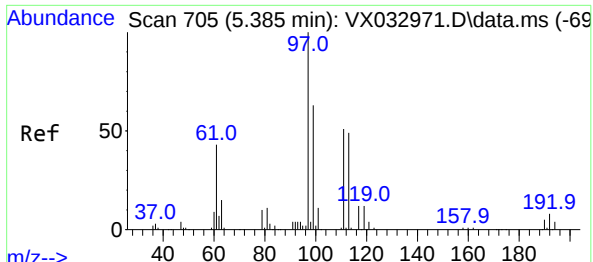
Tgt Ion: 65 Resp: 35864
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032992.D
 Acq: 22 Nov 2022 20:41

Tgt Ion: 114 Resp: 179365
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.6
 88 15.5 0.0 33.4

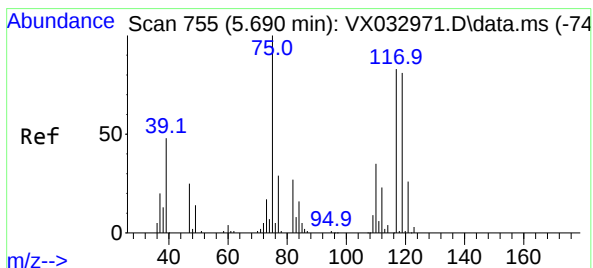
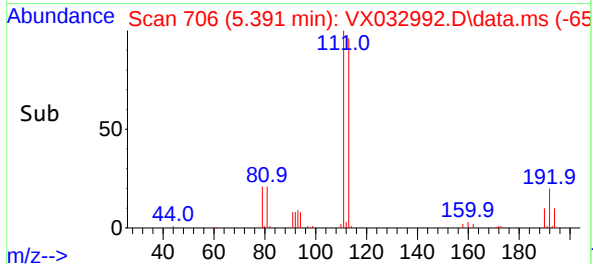
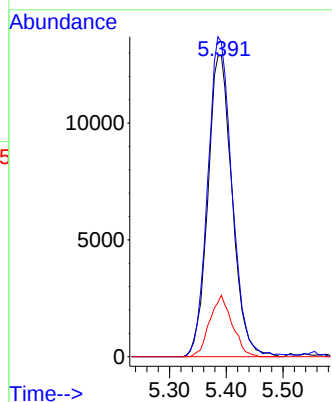
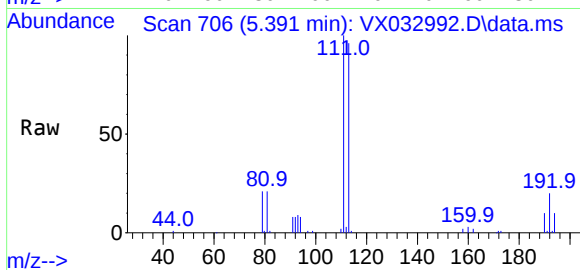




#35
Dibromofluoromethane
Concen: 37.950 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

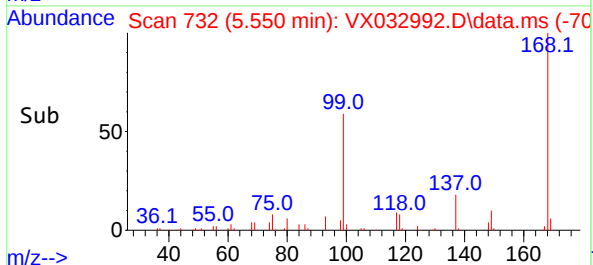
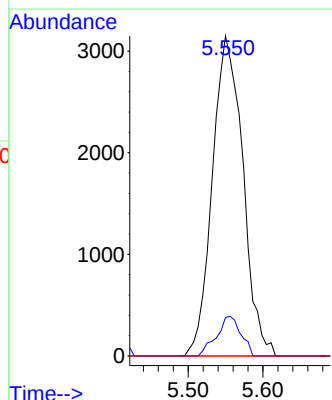
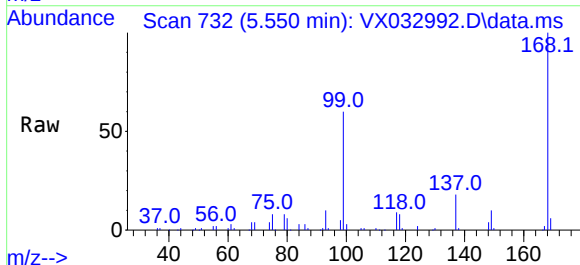
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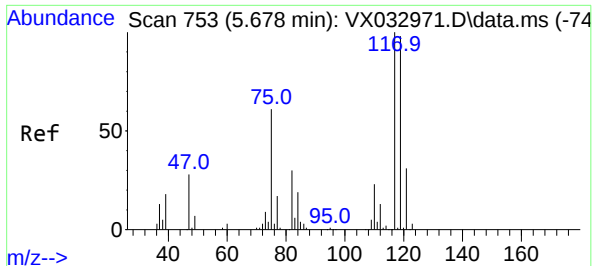
Tgt Ion:113 Resp: 38375
Ion Ratio Lower Upper
113 100
111 106.3 82.4 123.6
192 18.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.527 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

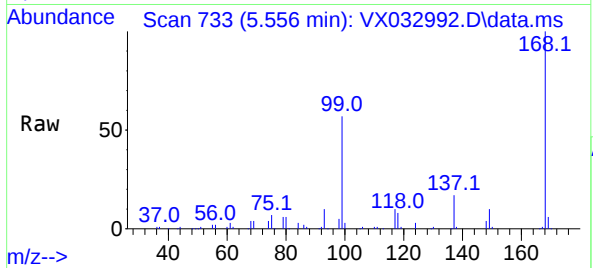
Tgt Ion: 75 Resp: 8937
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



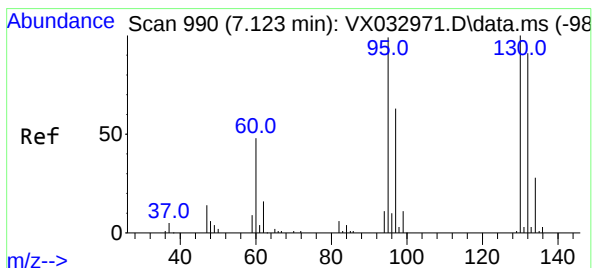
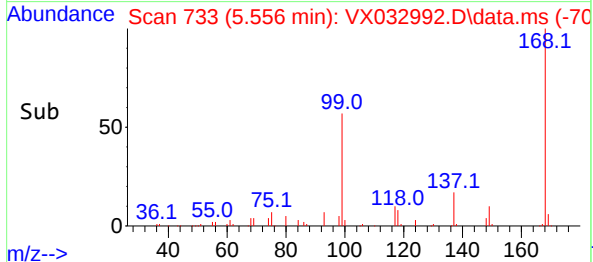
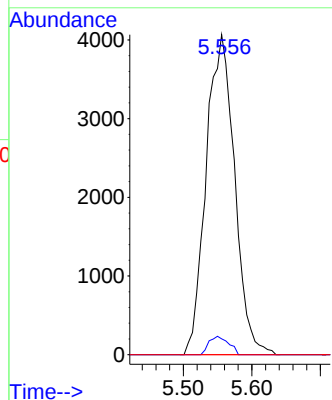


#38
Carbon Tetrachloride
Concen: 6.543 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117RE

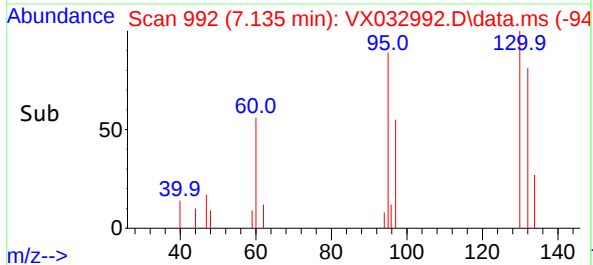
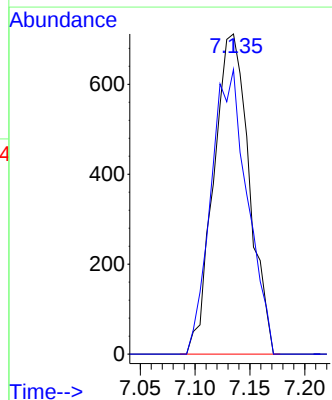
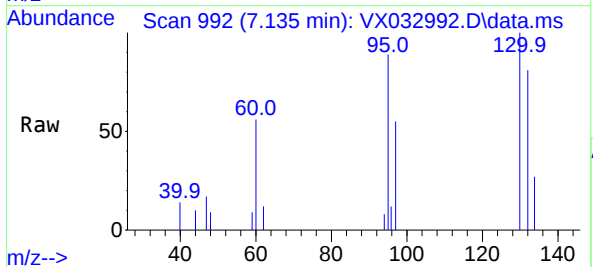


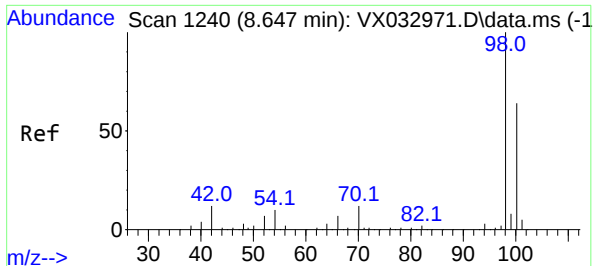
Tgt Ion:117 Resp: 11736
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 1.258 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Tgt Ion:130 Resp: 1600
Ion Ratio Lower Upper
130 100
95 88.9 0.0 195.2

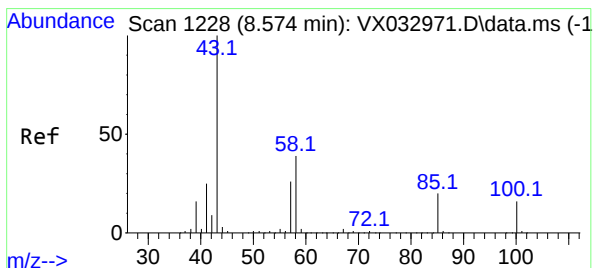
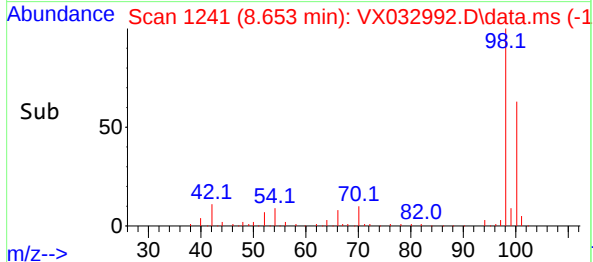
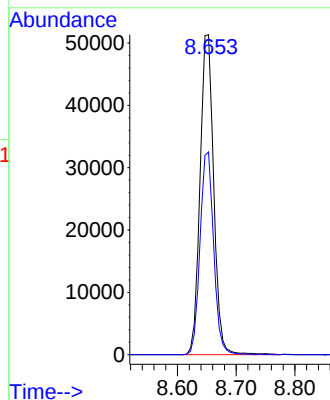
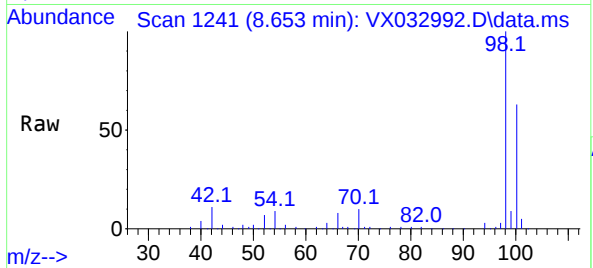




#50
Toluene-d8
Concen: 26.280 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

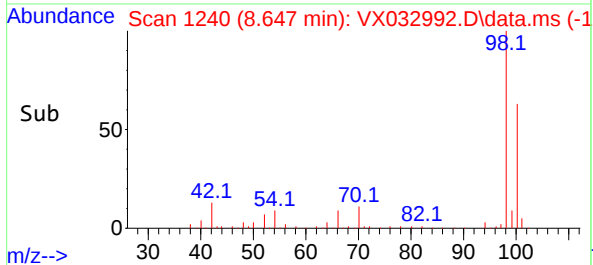
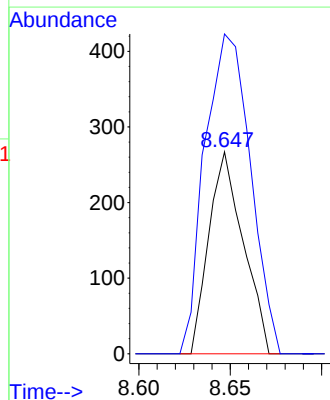
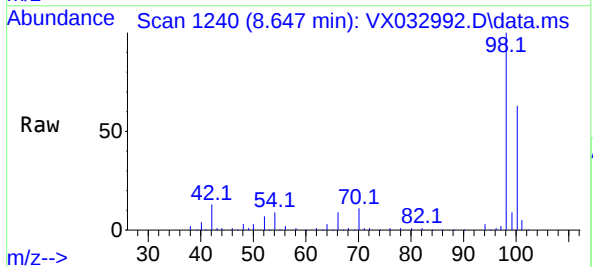
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117RE

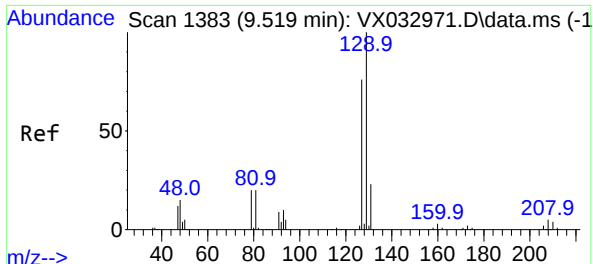
Tgt Ion: 98 Resp: 83072
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.243 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Tgt Ion: 43 Resp: 350
Ion Ratio Lower Upper
43 100
58 209.7 30.9 46.3#

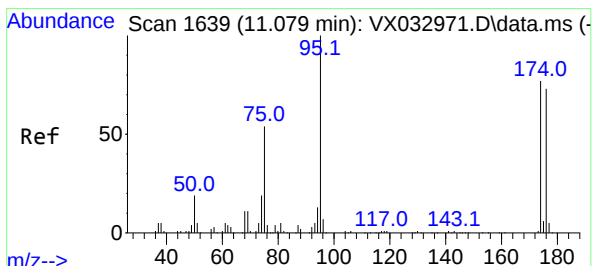
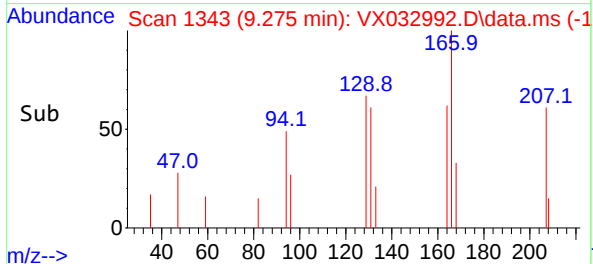
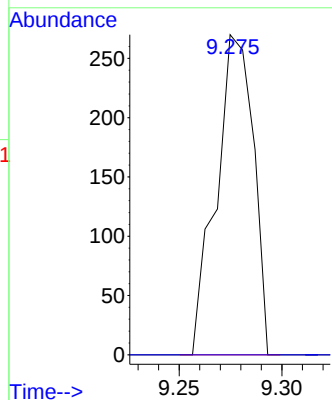
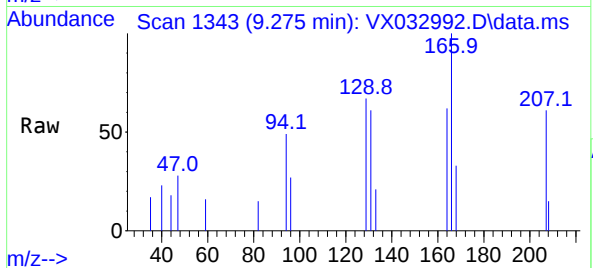




#60
Dibromochloromethane
Concen: 0.260 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

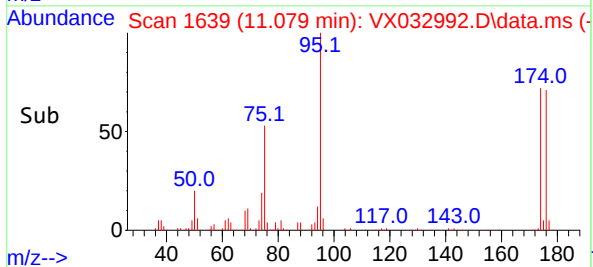
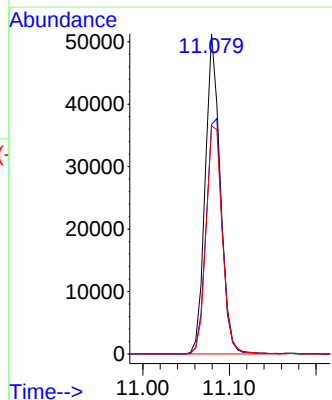
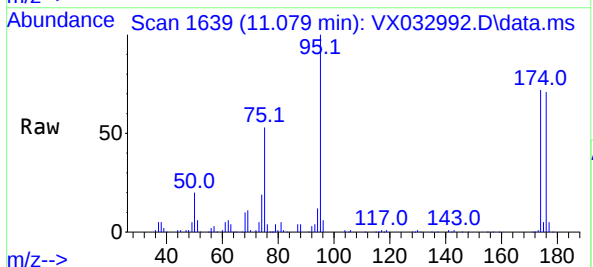
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117RE

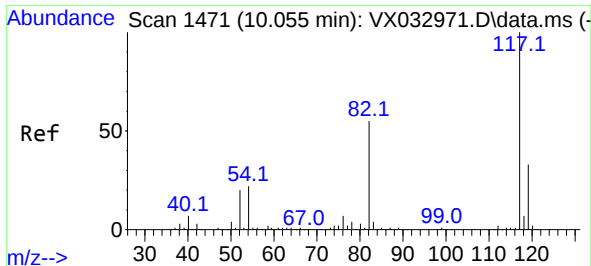
Tgt Ion:129 Resp: 340
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 46.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Tgt Ion: 95 Resp: 61478
Ion Ratio Lower Upper
95 100
174 80.0 0.0 164.0
176 77.4 0.0 154.4

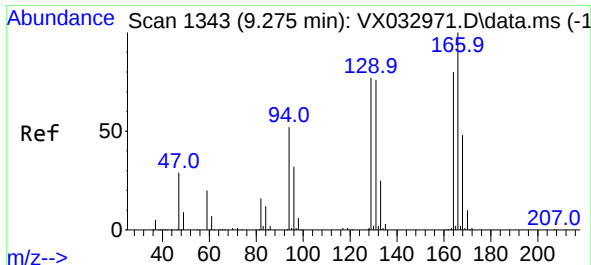
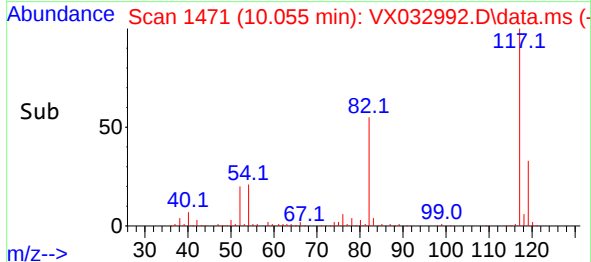
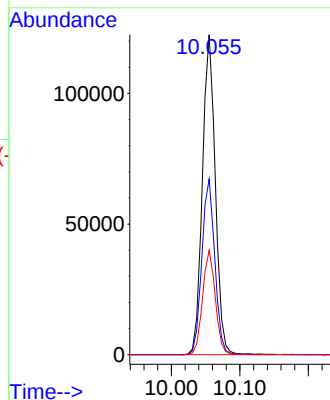
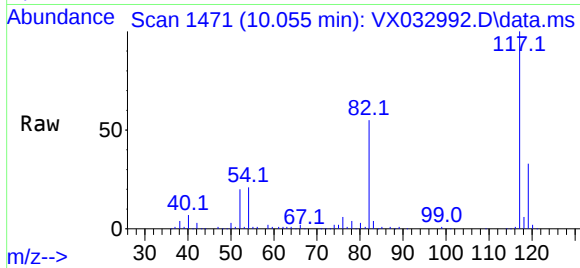




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

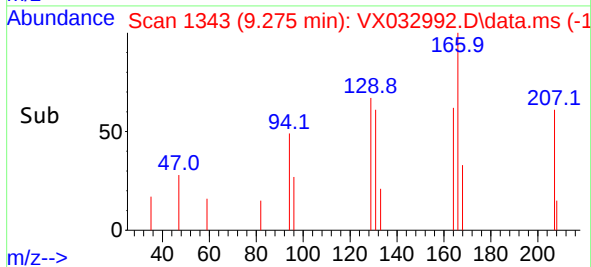
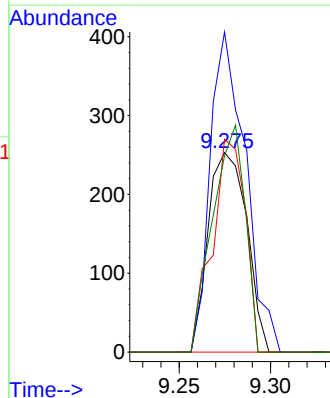
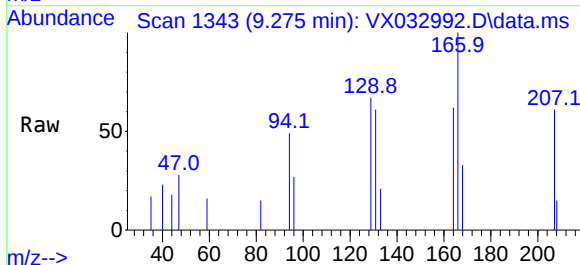
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117RE

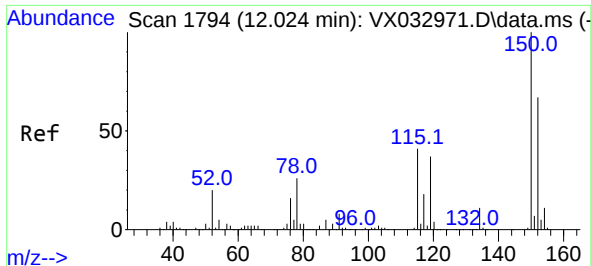
Tgt Ion:117 Resp: 161007
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 0.326 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Tgt Ion:164 Resp: 372
Ion Ratio Lower Upper
164 100
166 160.5 105.4 158.2#
129 106.7 78.2 117.2
131 98.4 72.5 108.7

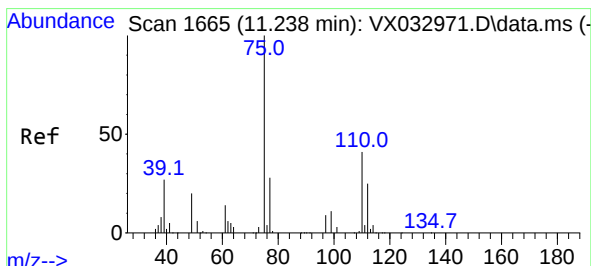
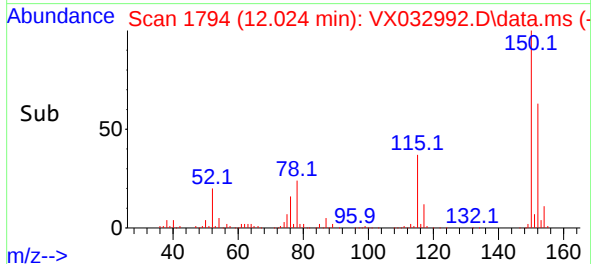
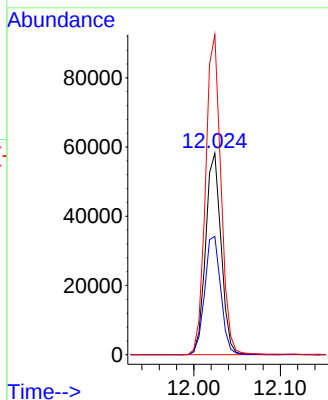
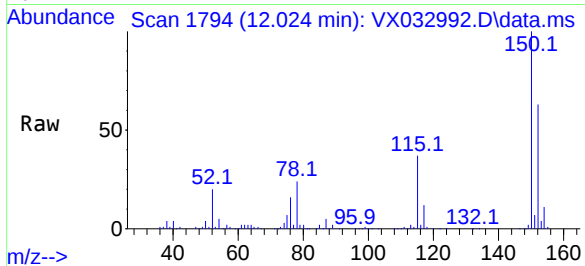




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

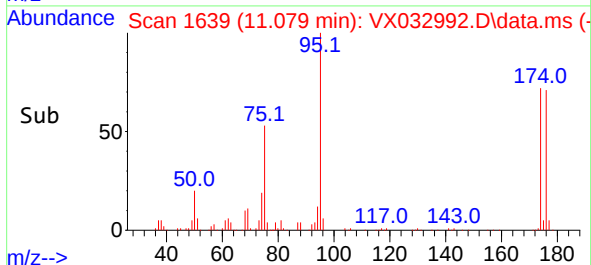
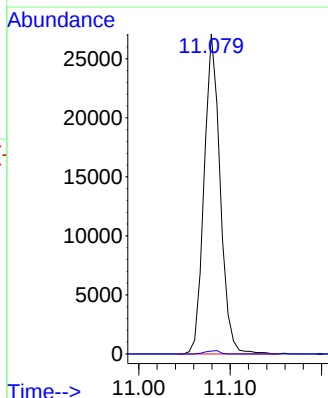
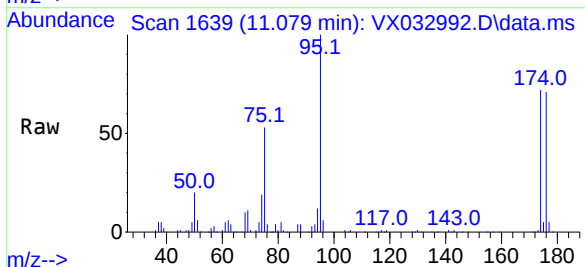
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117RE

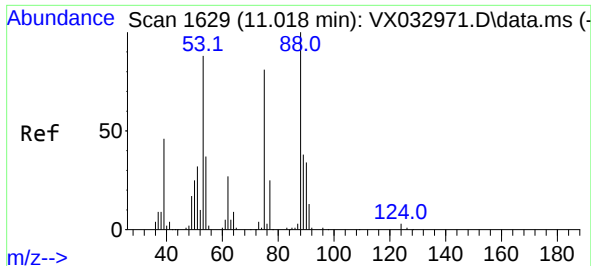
Tgt Ion:152 Resp: 72446
Ion Ratio Lower Upper
152 100
115 61.0 44.0 132.0
150 157.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 23.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Tgt Ion: 75 Resp: 32924
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.001 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117RE

Tgt Ion: 75 Resp: 32924
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

