

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038776.D
 Acq On : 13 Nov 2023 13:13
 Operator : JC/MD
 Sample : 05358-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20231108DL

Quant Time: Nov 14 05:31:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

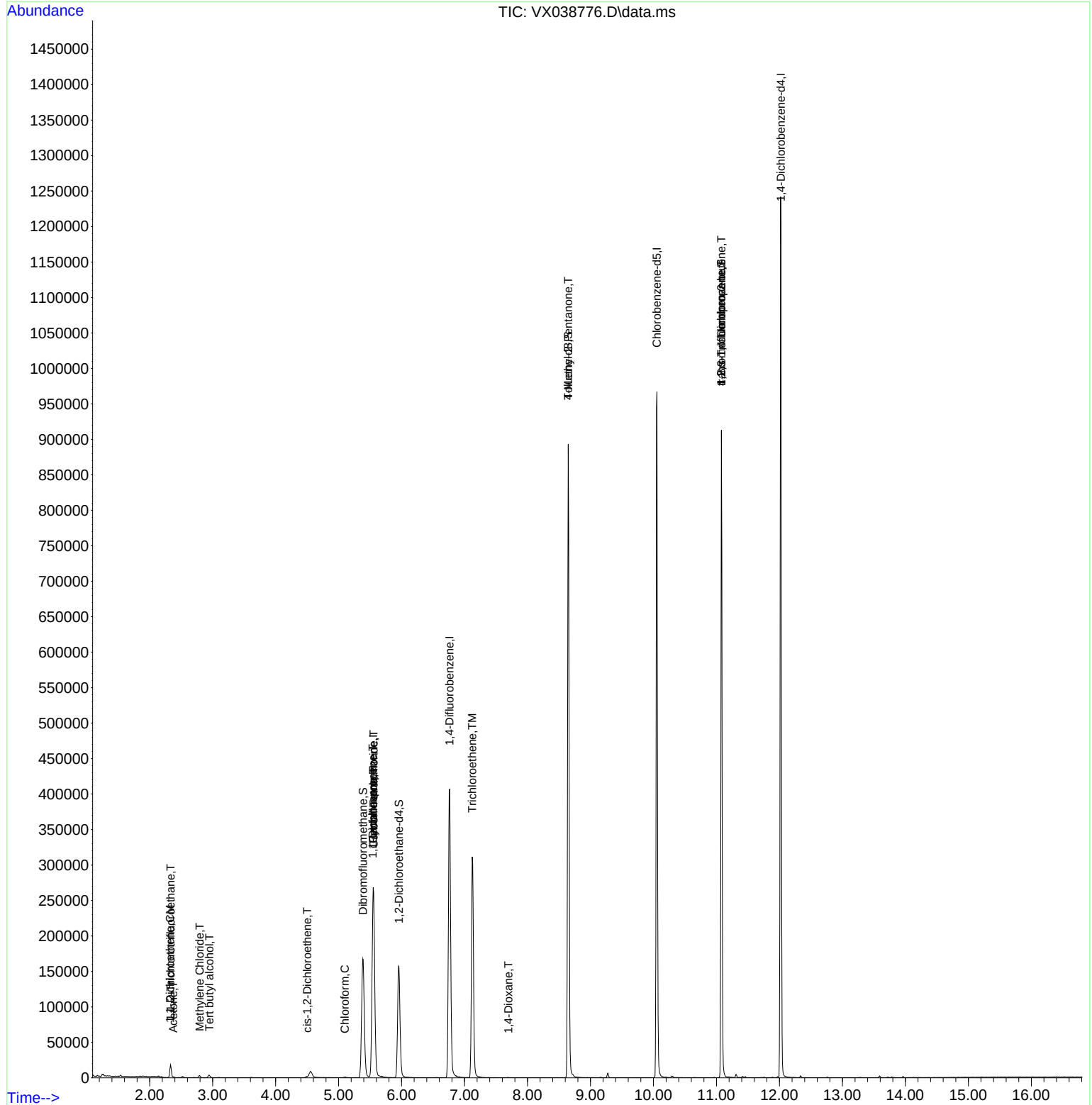
Internal Standards						
1) Pentafluorobenzene	5.550	168	281923	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	462977	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	490894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	291534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160777	45.807	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.620%
35) Dibromofluoromethane	5.385	113	151634	45.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.940%
50) Toluene-d8	8.647	98	554534	46.474	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.940%
62) 4-Bromofluorobenzene	11.079	95	243924	52.726	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.460%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	6004	2.186	ug/l	93
11) Tert butyl alcohol	2.947	59	2286	3.186	ug/l #	78
12) 1,1-Dichloroethene	2.325	96	1229	0.467	ug/l #	78
16) Acetone	2.373	43	787	0.532	ug/l	91
20) Methylene Chloride	2.794	84	1614	0.542	ug/l #	75
27) cis-1,2-Dichloroethene	4.501	96	1240	0.375	ug/l	92
30) Chloroform	5.099	83	1354	0.246	ug/l #	79
31) Cyclohexane	5.550	56	4440	1.143	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	18304	4.419	ug/l #	51
38) Carbon Tetrachloride	5.556	117	26230	5.665	ug/l #	15
44) Trichloroethene	7.123	130	133406	35.939	ug/l	93
49) 1,4-Dioxane	7.696	88	305	4.276	ug/l #	57
51) 4-Methyl-2-Pentanone	8.647	43	1839	0.434	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	118263	20.483	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	118263	62.436	ug/l #	5

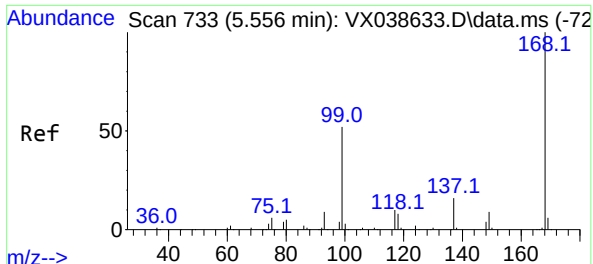
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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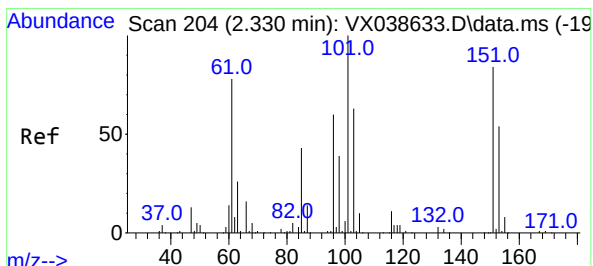
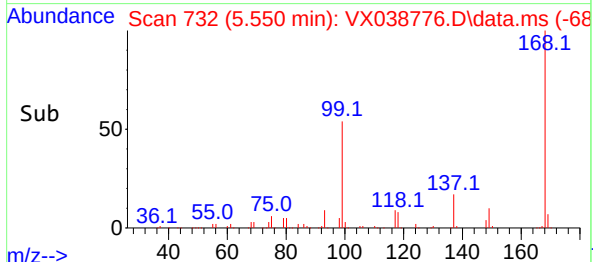
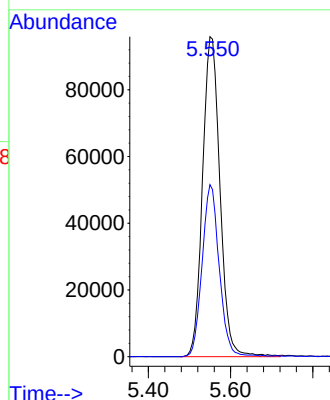
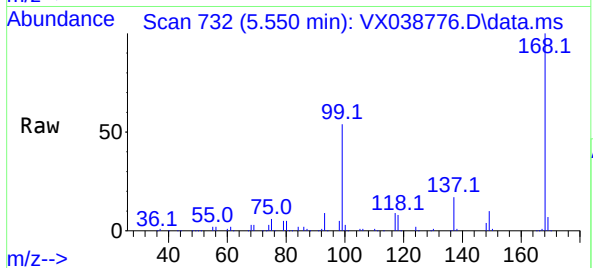




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

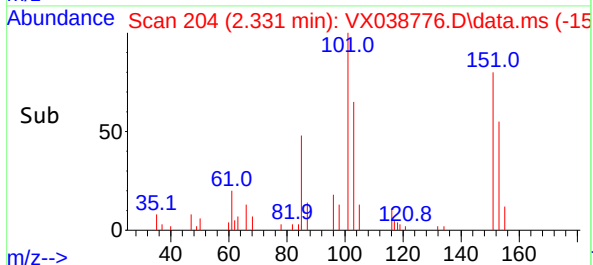
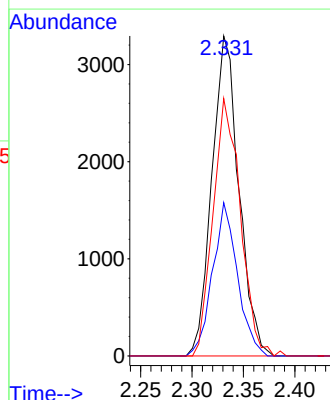
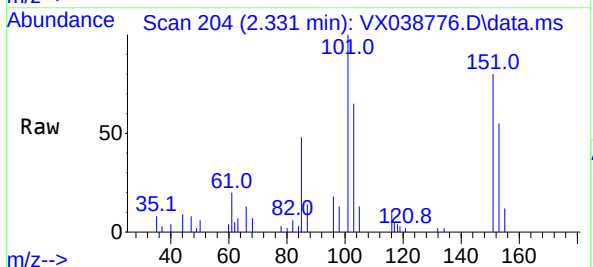
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108DL

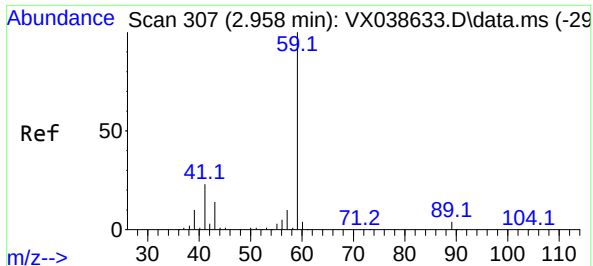
Tgt Ion:168 Resp: 281923
Ion Ratio Lower Upper
168 100
99 53.8 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.186 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Tgt Ion:101 Resp: 6004
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.6
151 81.7 58.6 87.8





#11

Tert butyl alcohol

Concen: 3.186 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX038776.D

Acq: 13 Nov 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

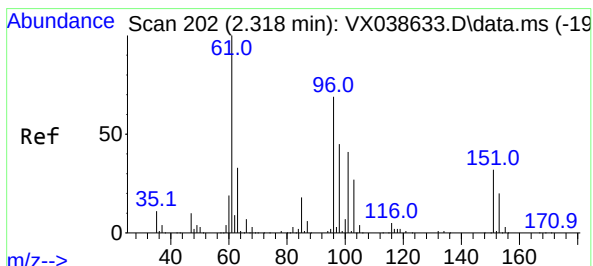
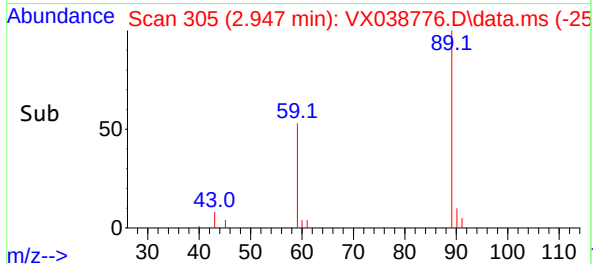
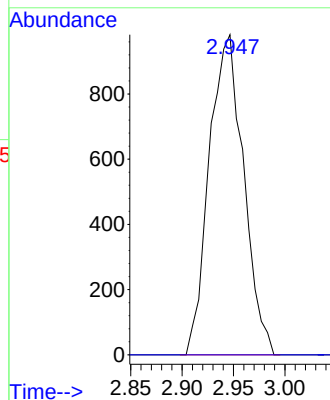
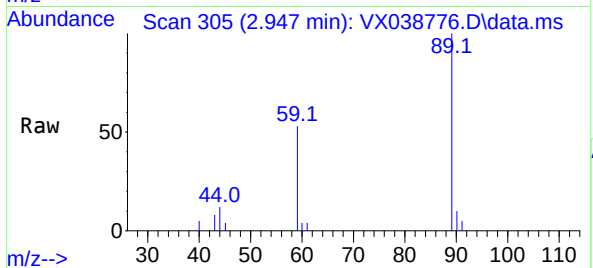
RE132D5-20231108DL

Tgt Ion: 59 Resp: 2286

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.467 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX038776.D

Acq: 13 Nov 2023 13:13

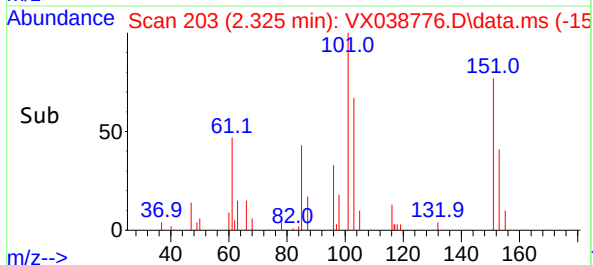
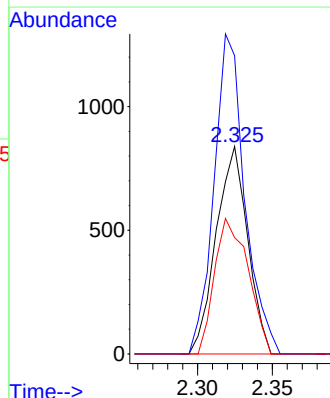
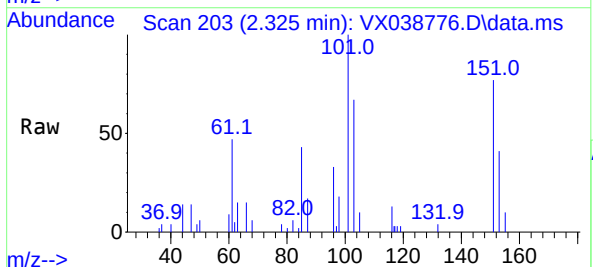
Tgt Ion: 96 Resp: 1229

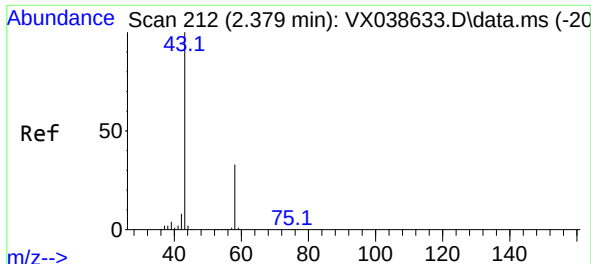
Ion Ratio Lower Upper

96 100

61 143.7 144.6 216.8#

98 56.0 50.4 75.6

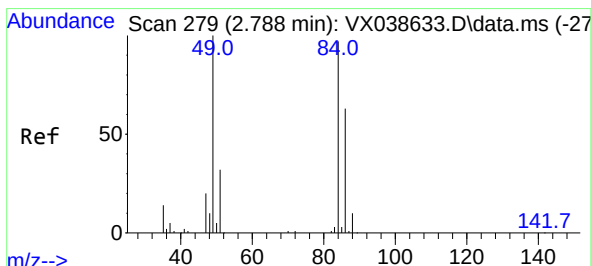
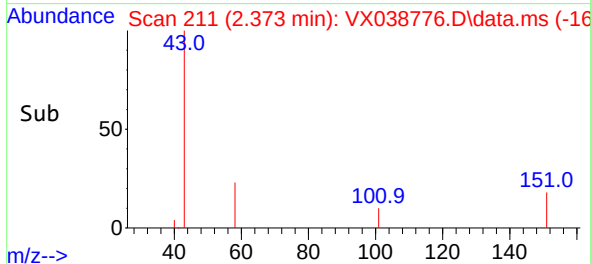
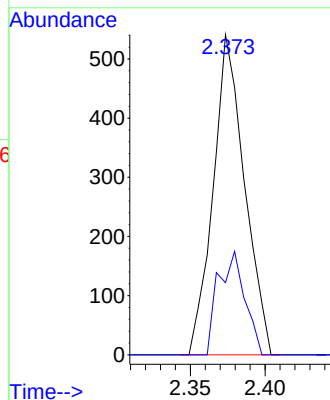
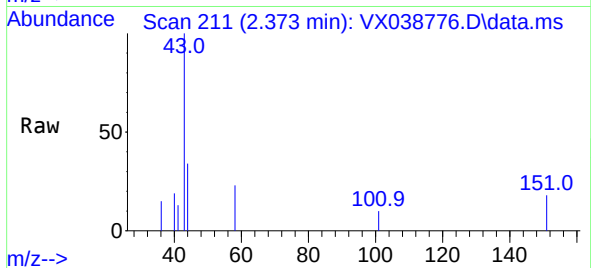




#16
Acetone
Concen: 0.532 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

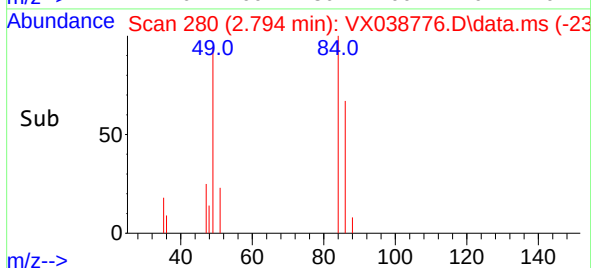
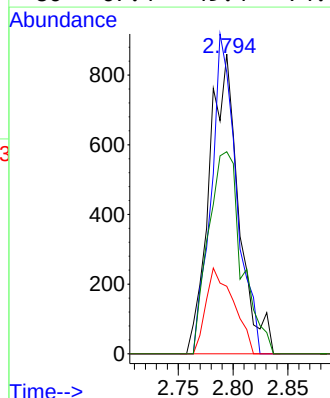
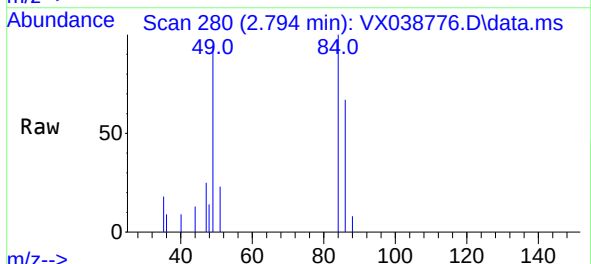
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108DL

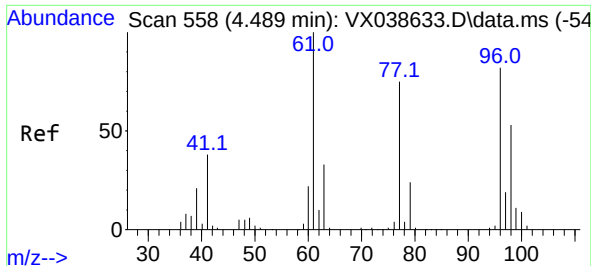
Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
58 22.6 21.9 32.9



#20
Methylene Chloride
Concen: 0.542 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Tgt Ion: 84 Resp: 1614
Ion Ratio Lower Upper
84 100
49 94.0 103.6 155.4#
51 22.6 33.8 50.6#
86 67.4 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 0.375 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.013 min

Lab File: VX038776.D

Acq: 13 Nov 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20231108DL

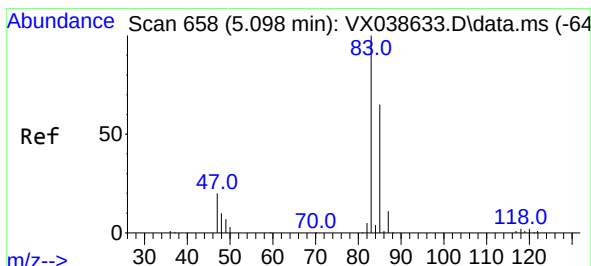
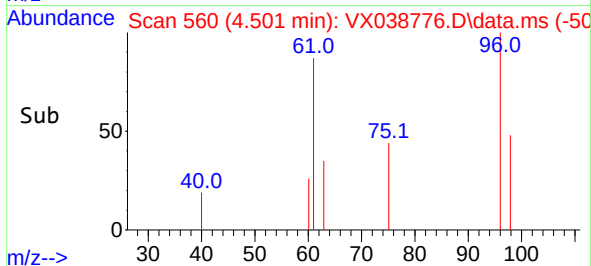
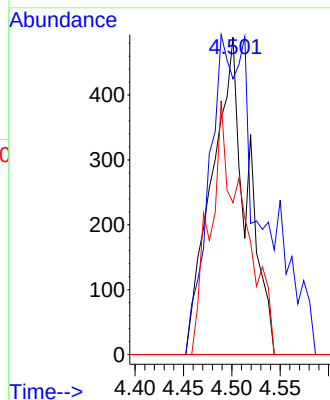
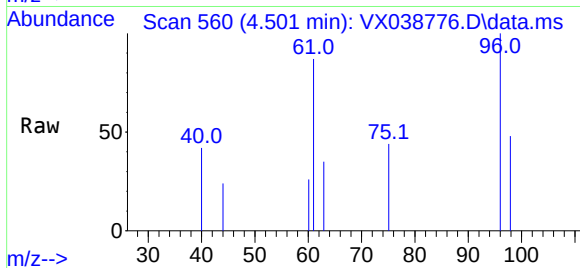
Tgt Ion: 96 Resp: 1240

Ion Ratio Lower Upper

96 100

61 149.6 0.0 312.2

98 75.6 0.0 129.0



#30

Chloroform

Concen: 0.246 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX038776.D

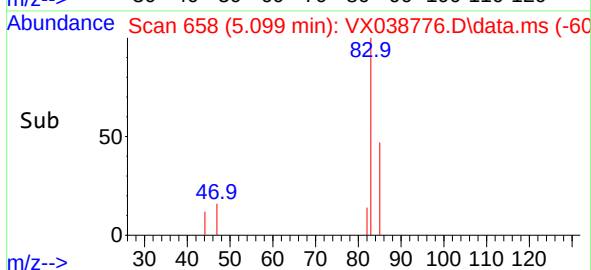
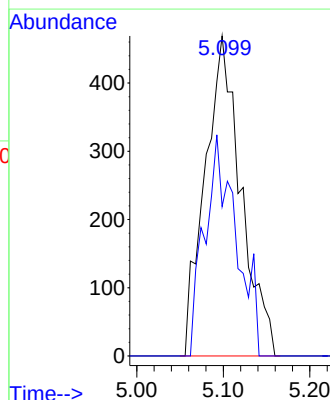
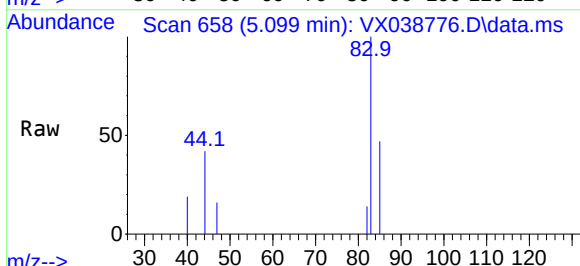
Acq: 13 Nov 2023 13:13

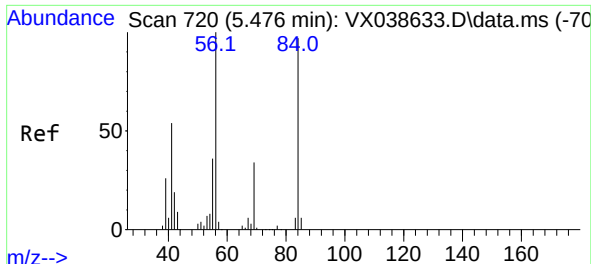
Tgt Ion: 83 Resp: 1354

Ion Ratio Lower Upper

83 100

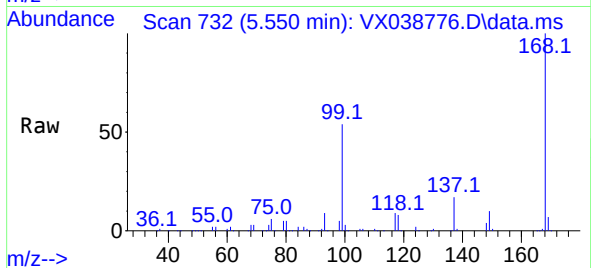
85 46.7 50.3 75.5#



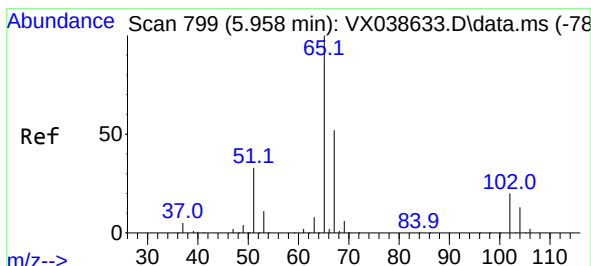
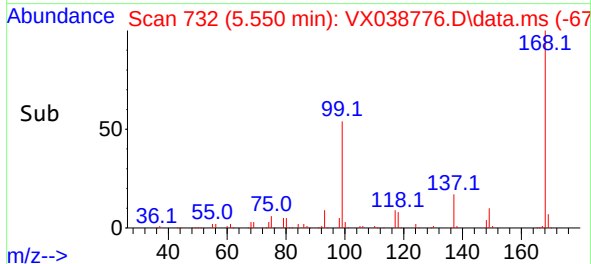
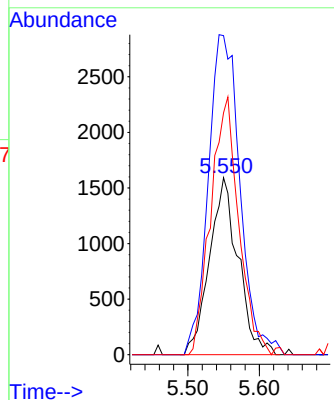


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108DL

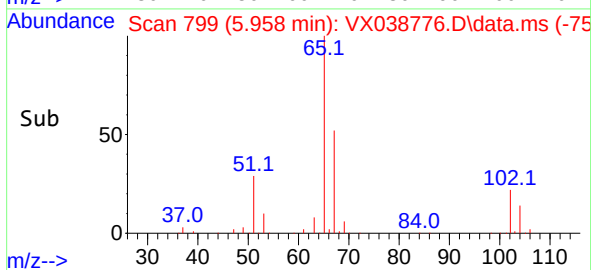
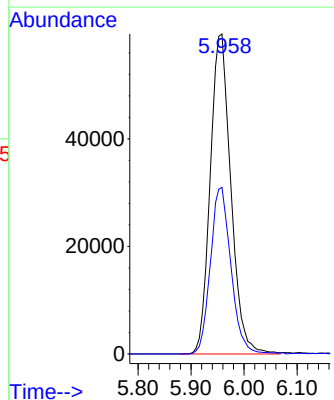
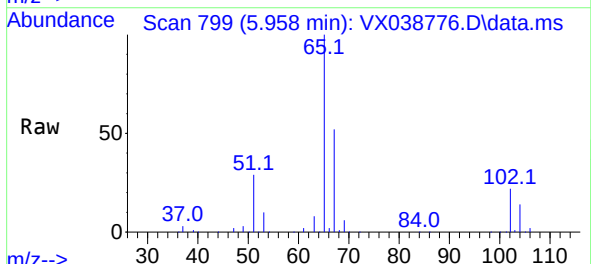


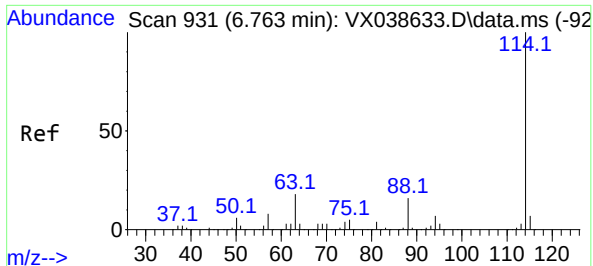
Tgt Ion: 56 Resp: 4440
Ion Ratio Lower Upper
56 100
69 180.3 23.4 35.2#
84 136.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.807 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Tgt Ion: 65 Resp: 160777
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

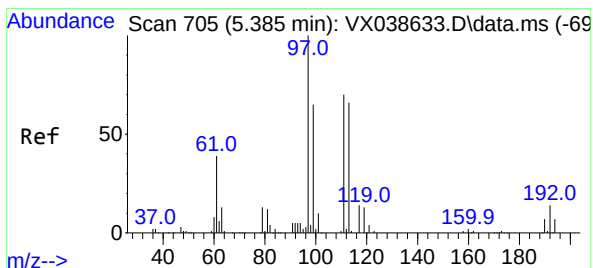
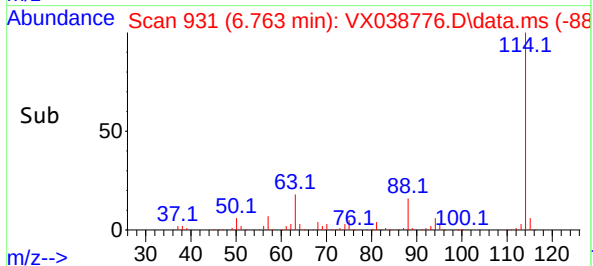
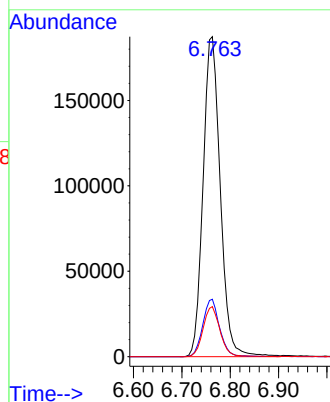
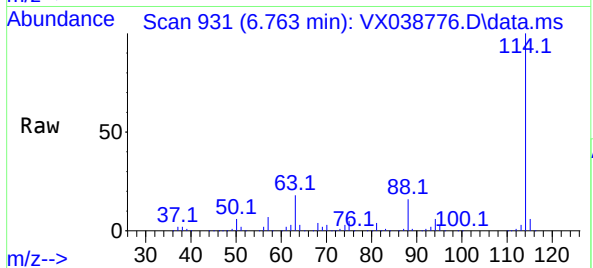




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

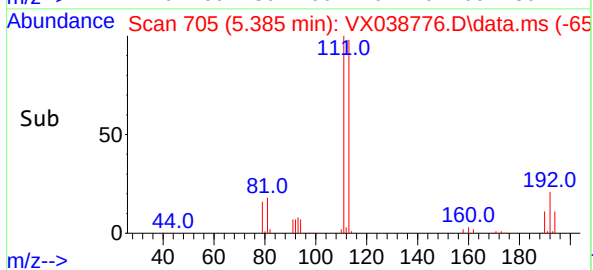
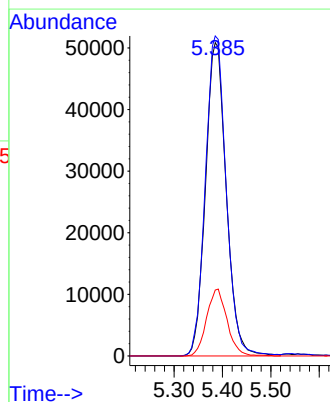
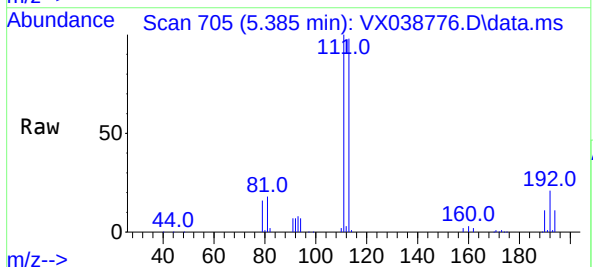
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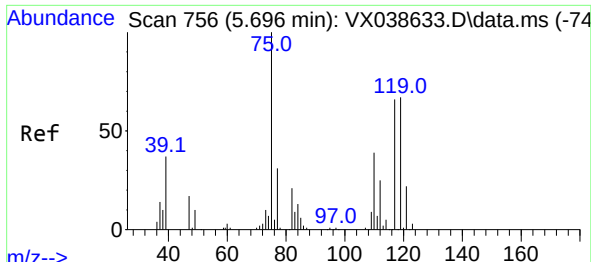
Tgt Ion:114 Resp: 462977
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.474 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Tgt Ion:113 Resp: 151634
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 21.1 13.3 19.9#

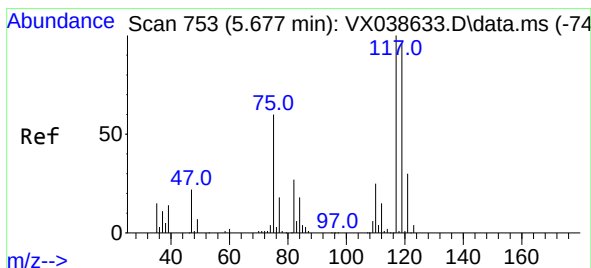
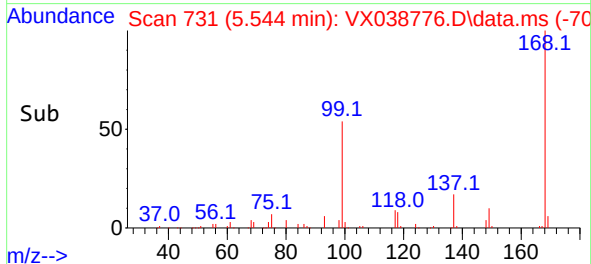
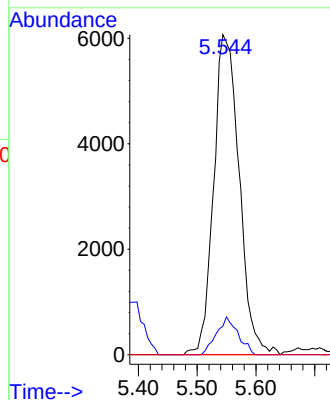
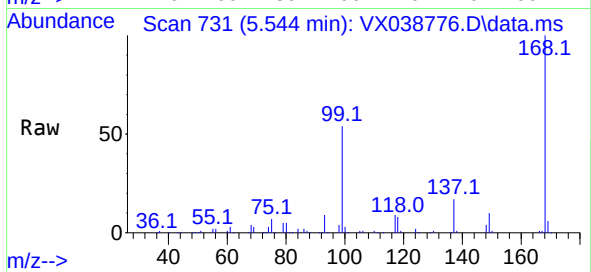




#36
1,1-Dichloropropene
Concen: 4.419 ug/l
RT: 5.544 min Scan# 713
Delta R.T. -0.152 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

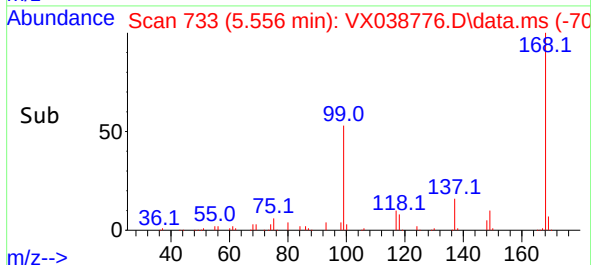
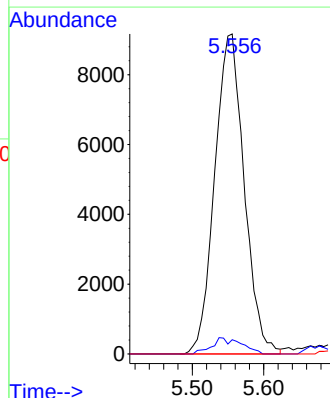
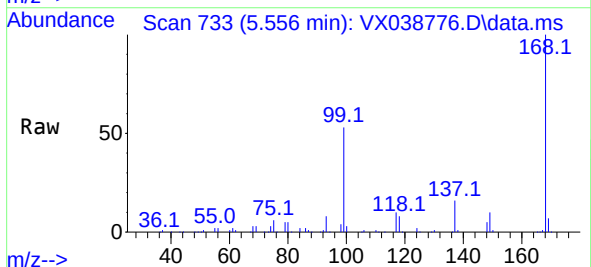
Instrument :
MSVOA_X
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RE132D5-20231108DL

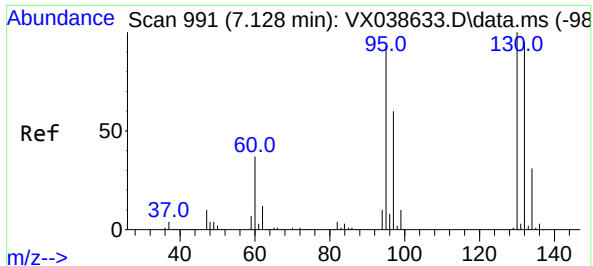
Tgt Ion: 75 Resp: 18304
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.665 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Tgt Ion: 117 Resp: 26230
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#

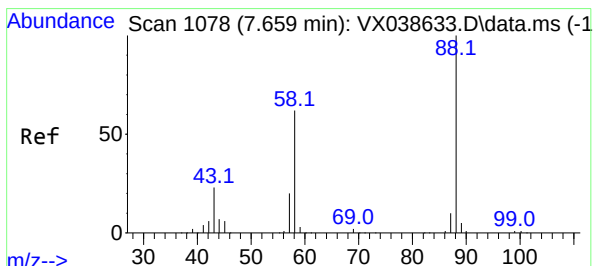
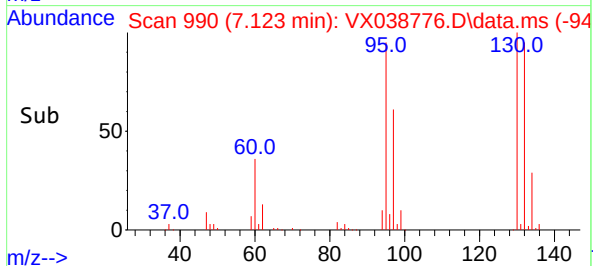
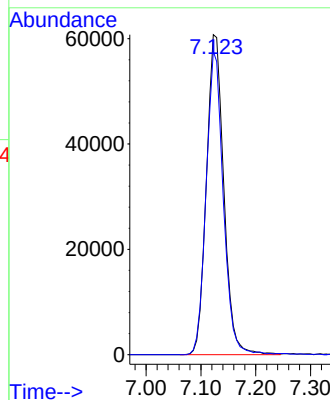
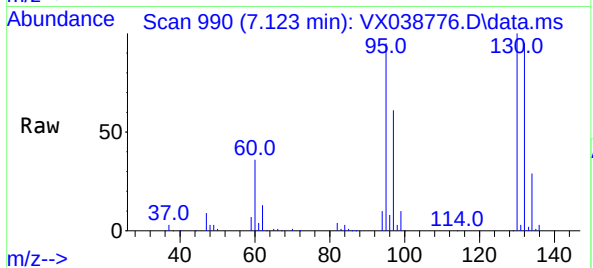




#44
Trichloroethene
Concen: 35.939 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

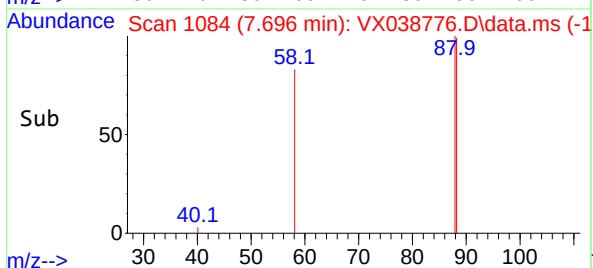
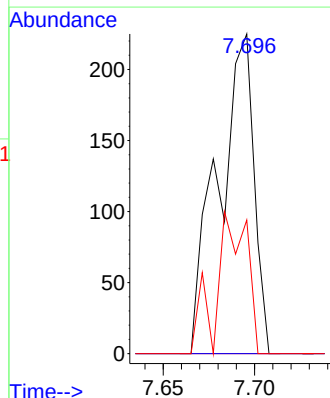
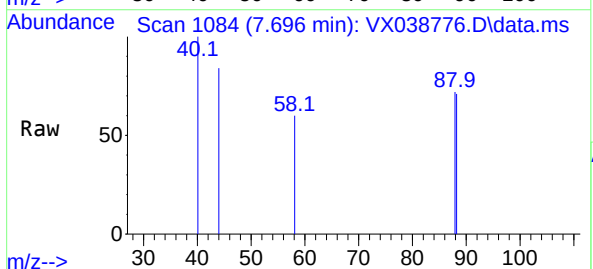
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108DL

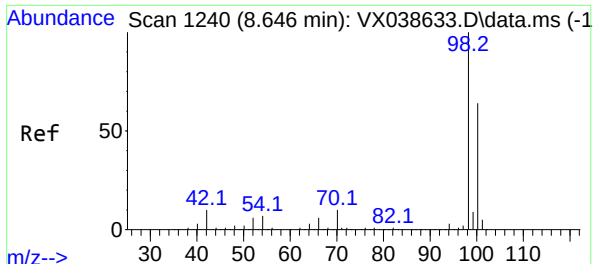
Tgt Ion:130 Resp: 133406
Ion Ratio Lower Upper
130 100
95 94.8 0.0 204.4



#49
1,4-Dioxane
Concen: 4.276 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.037 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Tgt Ion: 88 Resp: 305
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 38.4 60.1 90.1#

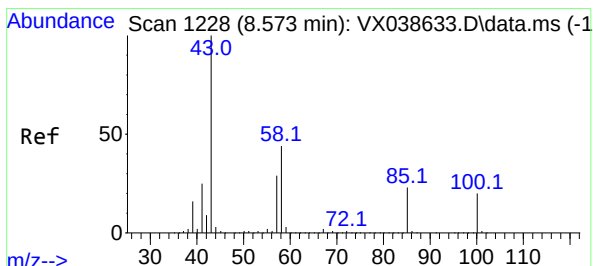
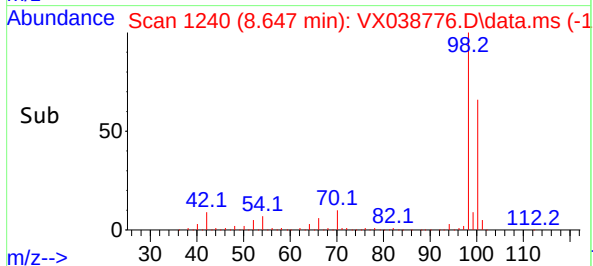
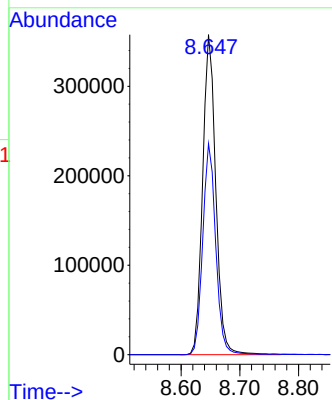
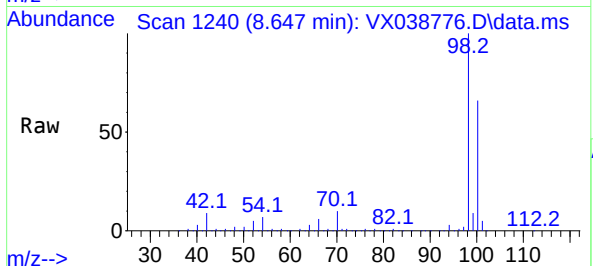




#50
Toluene-d8
Concen: 46.474 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

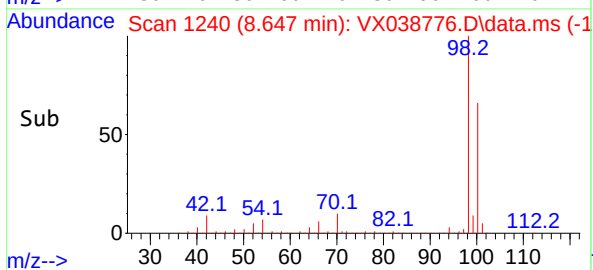
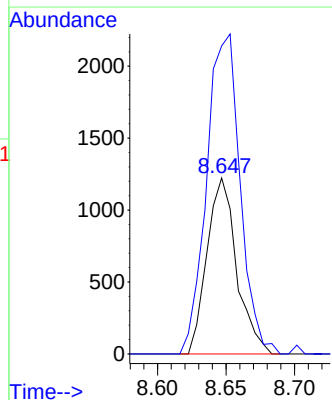
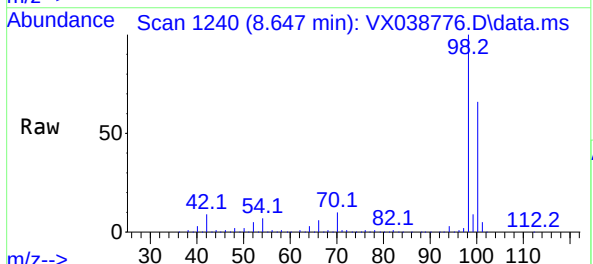
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108DL

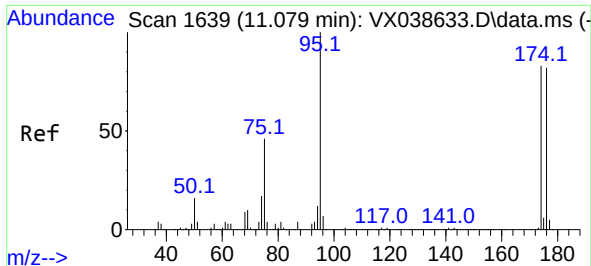
Tgt Ion: 98 Resp: 554534
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.434 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
58 205.6 30.4 45.6#

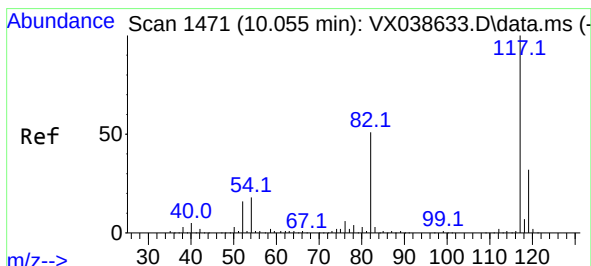
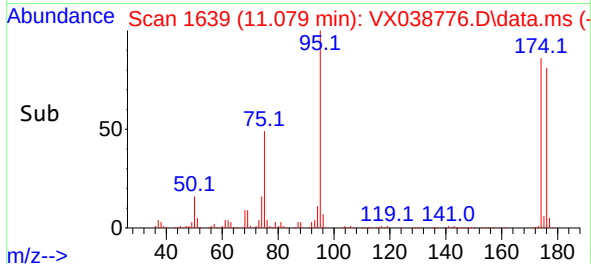
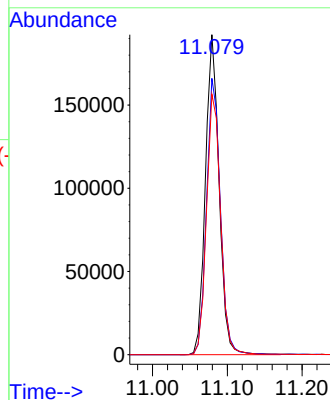
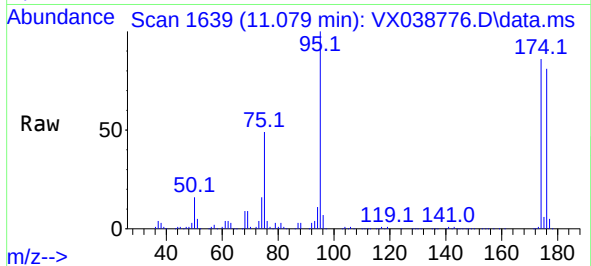




#62
4-Bromofluorobenzene
Concen: 52.726 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

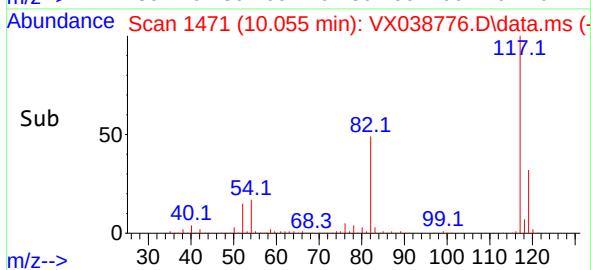
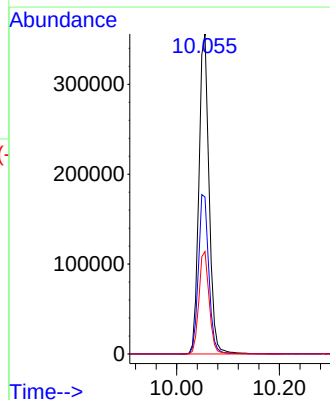
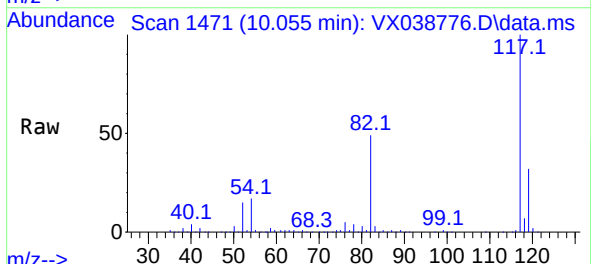
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108DL

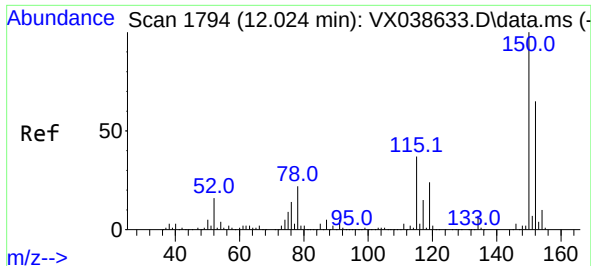
Tgt Ion: 95 Resp: 243924
Ion Ratio Lower Upper
95 100
174 87.9 0.0 135.6
176 84.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Tgt Ion: 117 Resp: 490894
Ion Ratio Lower Upper
117 100
82 49.1 46.2 69.4
119 32.0 25.5 38.3

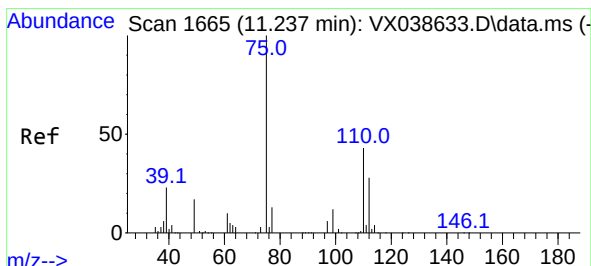
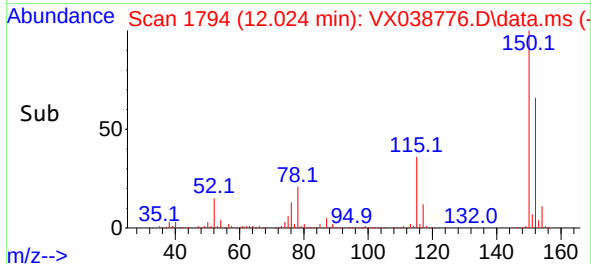
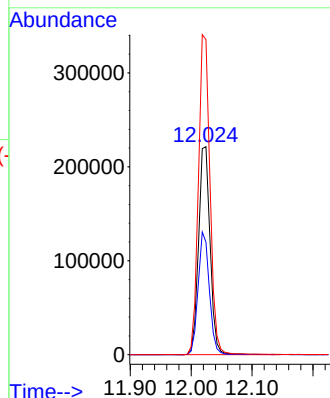
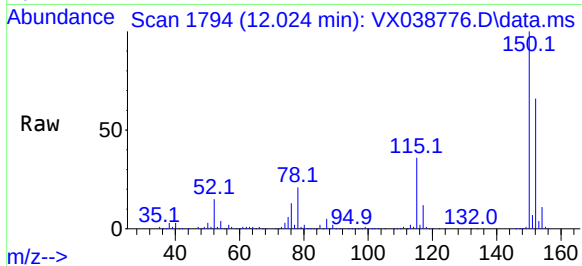




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

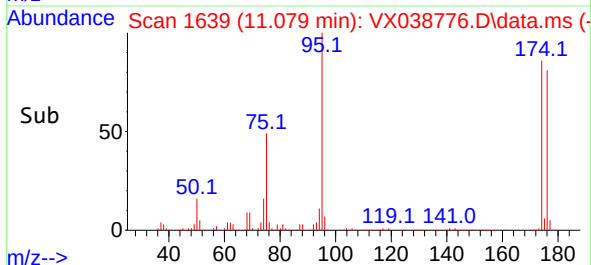
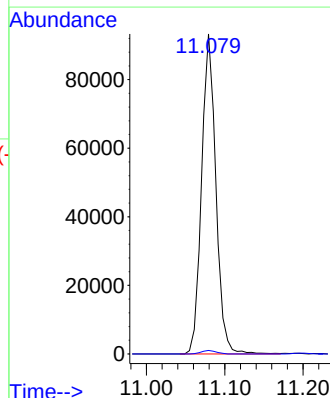
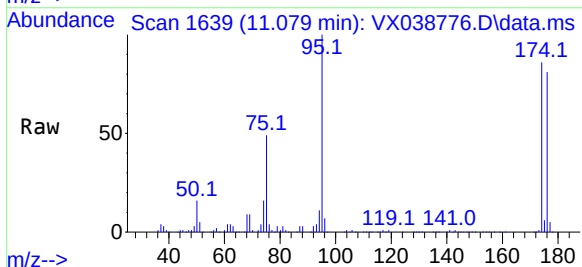
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108DL

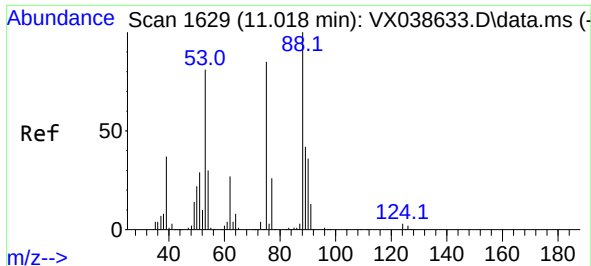
Tgt Ion:152 Resp: 291534
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.9
150 154.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.483 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

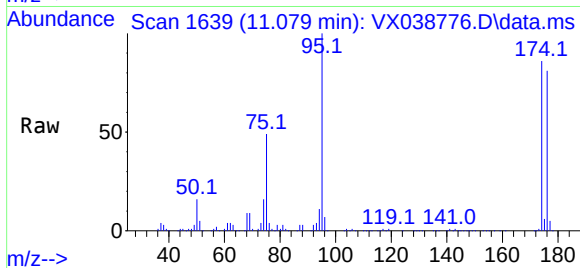
Tgt Ion: 75 Resp: 118263
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.436 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108DL



Tgt Ion: 75 Resp: 118263
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

