

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038433.D
 Acq On : 23 Oct 2023 15:28
 Operator : JC/MD
 Sample : 05007-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:03:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

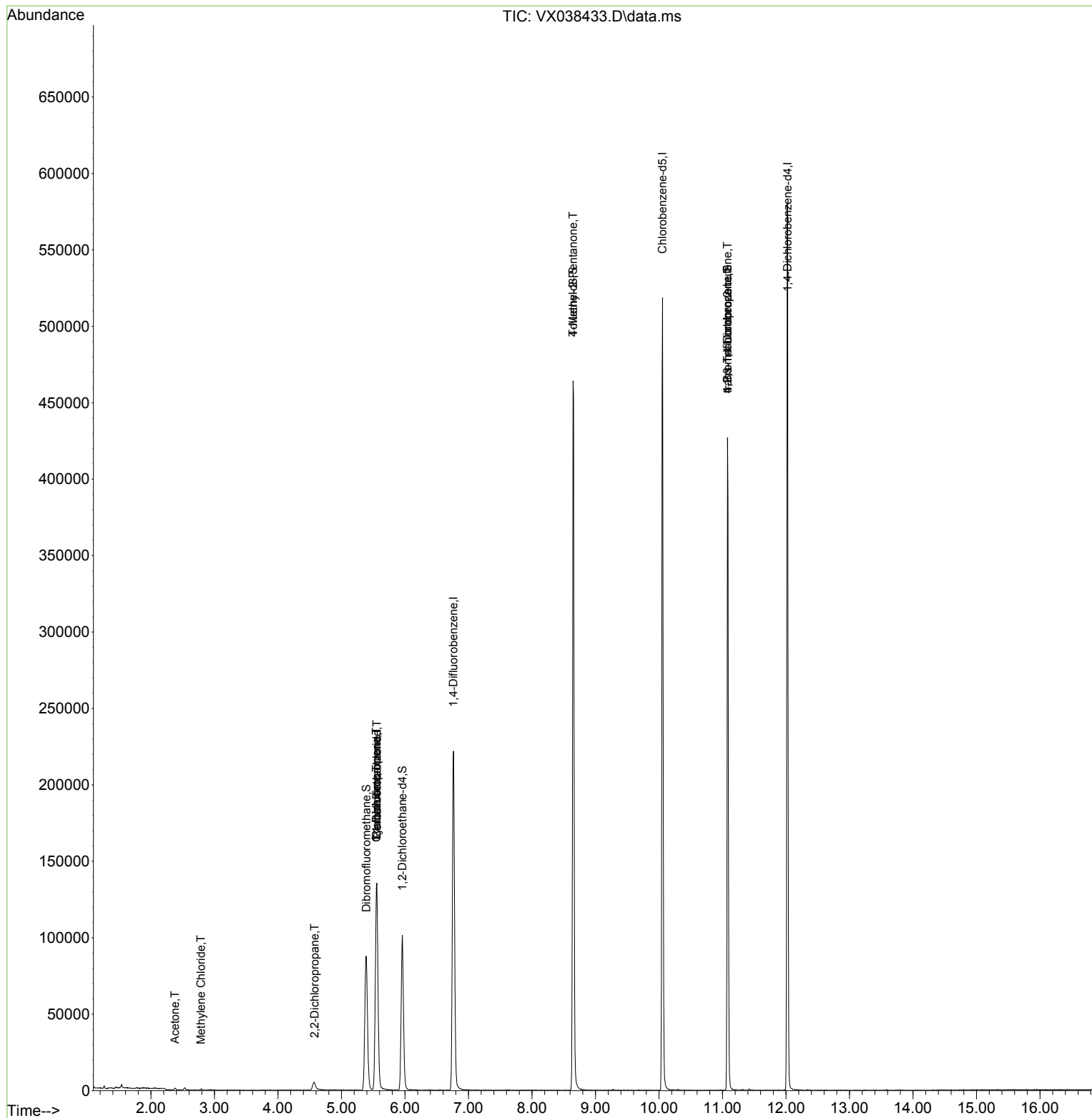
Internal Standards						
1) Pentafluorobenzene	5.556	168	128204	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	234329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92194	44.709	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.420%		
35) Dibromofluoromethane	5.391	113	76955	45.576	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.160%		
50) Toluene-d8	8.647	98	290845	45.077	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.160%#		
62) 4-Bromofluorobenzene	11.079	95	107857	44.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.180%		
Target Compounds						
						Qvalue
5) Bromomethane	1.575	94	23	Below Cal	#	3
6) Chloroethane	1.758	64	44	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	371	Below Cal	#	78
16) Acetone	2.380	43	1470	1.708	ug/l	93
20) Methylene Chloride	2.788	84	458	0.283	ug/l	# 68
26) 2,2-Dichloropropane	4.574	77	436	0.209	ug/l	# 54
31) Cyclohexane	5.550	56	2941	1.316	ug/l	# 5
36) 1,1-Dichloropropene	5.550	75	10575	4.542	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	13355	5.831	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1229	0.432	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	59961	21.344	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	59961	61.330	ug/l	# 5

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX038433.D

Acq: 23 Oct 2023 15:28

Instrument :

MSVOA_X

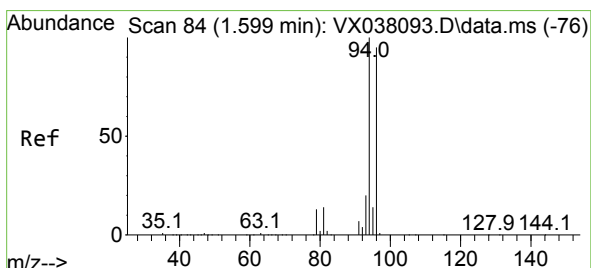
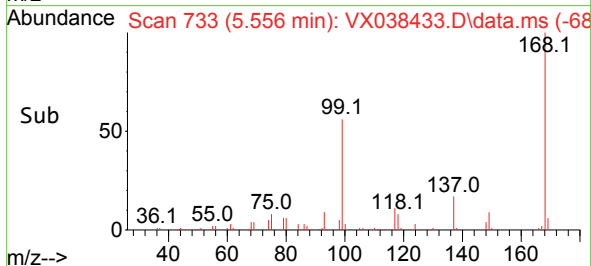
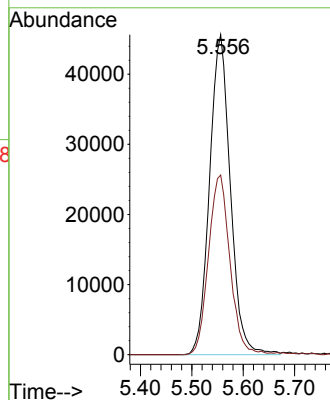
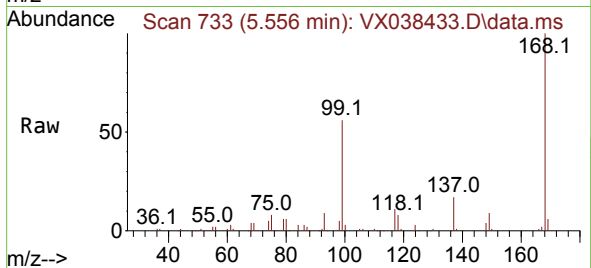
ClientSampleId :

Tgt Ion:168 Resp: 128204

Ion Ratio Lower Upper

168 100

99 56.1 56.6 85.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.575 min Scan# 80

Delta R.T. -0.024 min

Lab File: VX038433.D

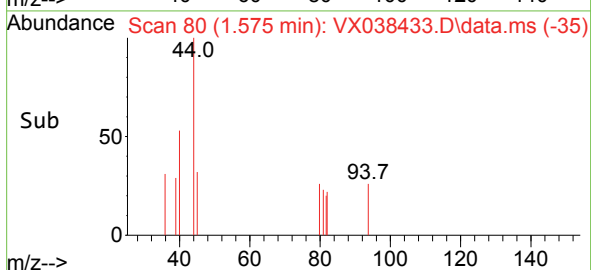
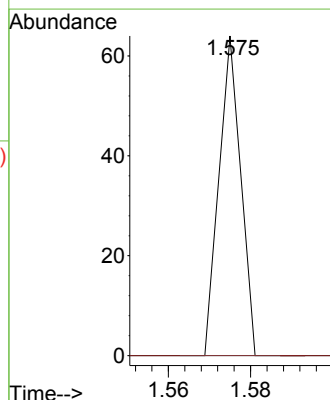
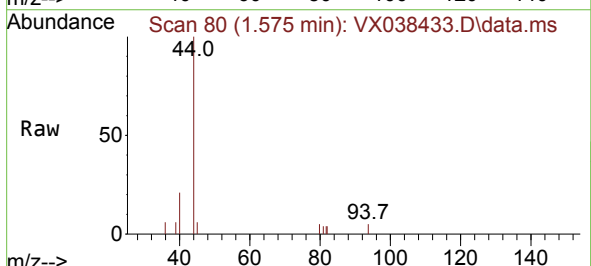
Acq: 23 Oct 2023 15:28

Tgt Ion: 94 Resp: 23

Ion Ratio Lower Upper

94 100

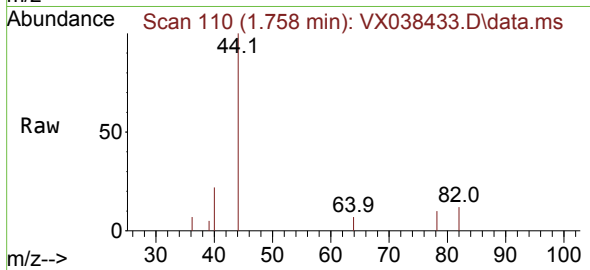
96 0.0 74.6 111.8#



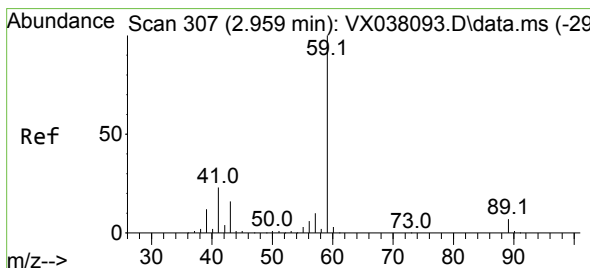
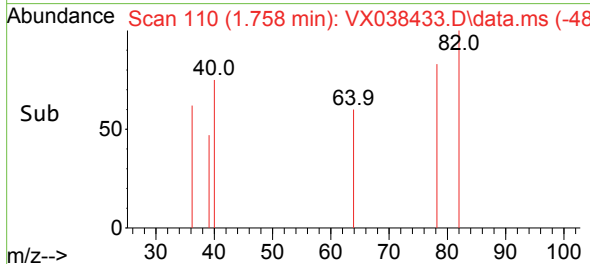
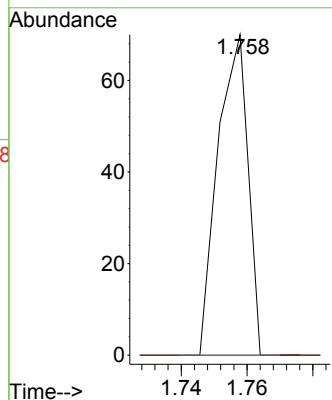


#6
Chloroethane
Concen: Below Cal
RT: 1.758 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX038433.D
Acq: 23 Oct 2023 15:28

Instrument :
MSVOA_X
ClientSampleId :

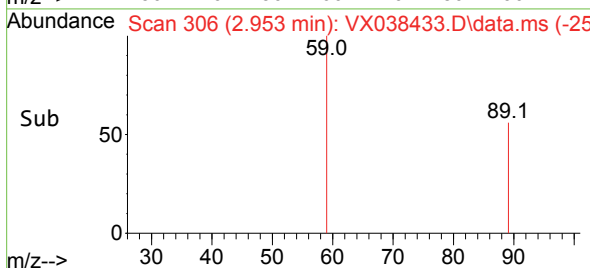
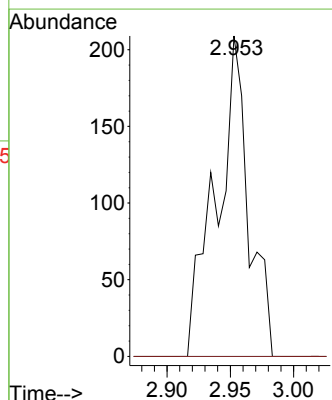
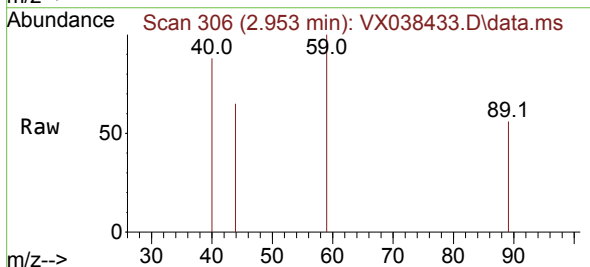


Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038433.D
Acq: 23 Oct 2023 15:28

Tgt Ion: 59 Resp: 371
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.708 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038433.D

Acq: 23 Oct 2023 15:28

Instrument :

MSVOA_X

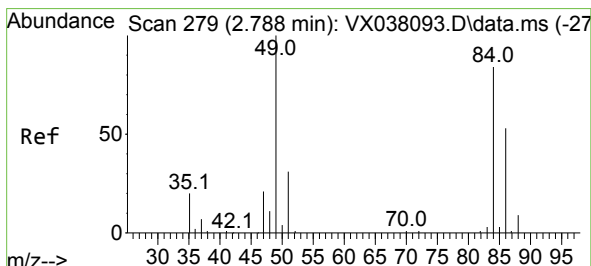
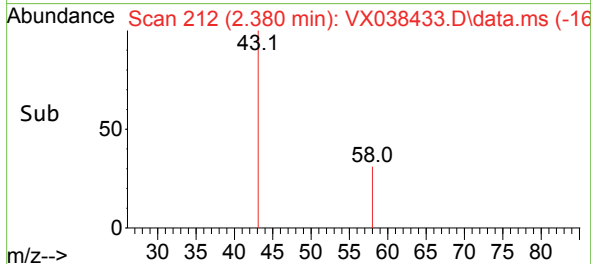
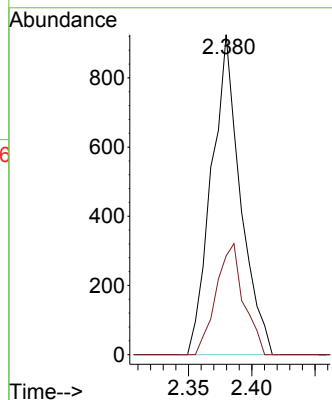
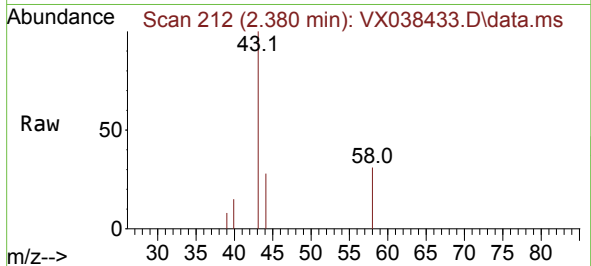
ClientSampleId :

Tgt Ion: 43 Resp: 1470

Ion Ratio Lower Upper

43 100

58 30.8 21.9 32.9



#20

Methylene Chloride

Concen: 0.283 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038433.D

Acq: 23 Oct 2023 15:28

Tgt Ion: 84 Resp: 458

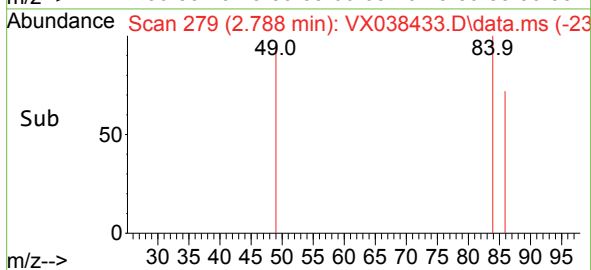
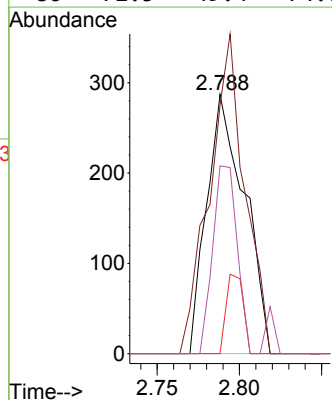
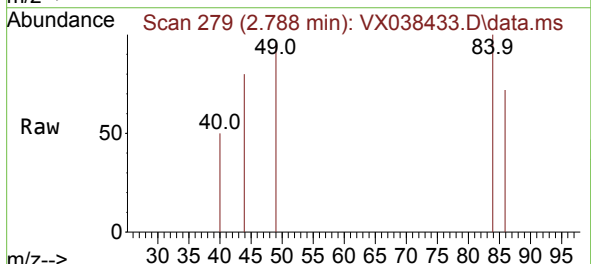
Ion Ratio Lower Upper

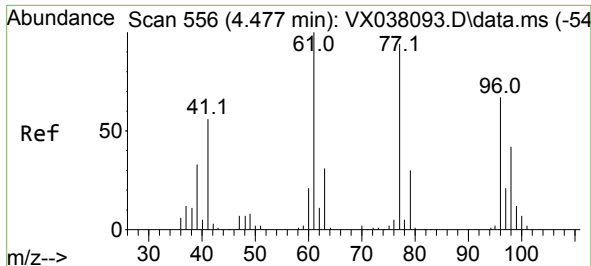
84 100

49 95.8 103.6 155.4#

51 0.0 33.8 50.6#

86 72.5 49.4 74.0





#26

2,2-Dichloropropane

Concen: 0.209 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.097 min

Lab File: VX038433.D

Acq: 23 Oct 2023 15:28

Instrument :

MSVOA_X

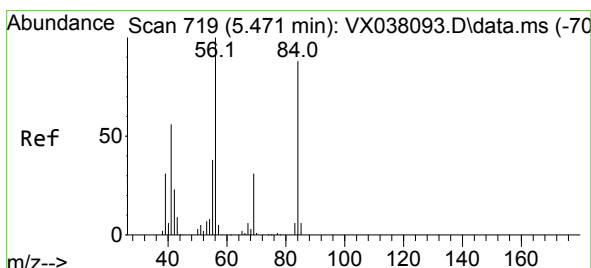
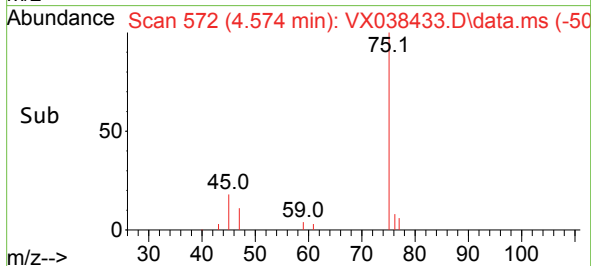
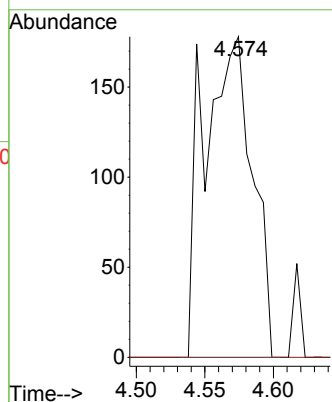
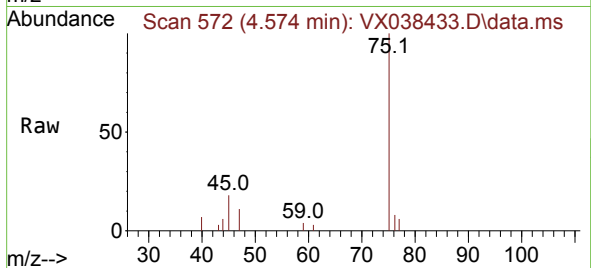
ClientSampleId :

Tgt Ion: 77 Resp: 436

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.316 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038433.D

Acq: 23 Oct 2023 15:28

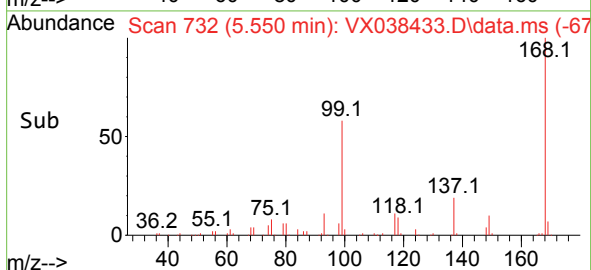
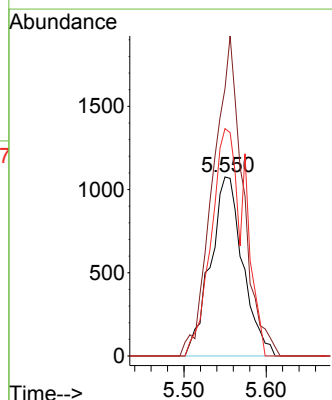
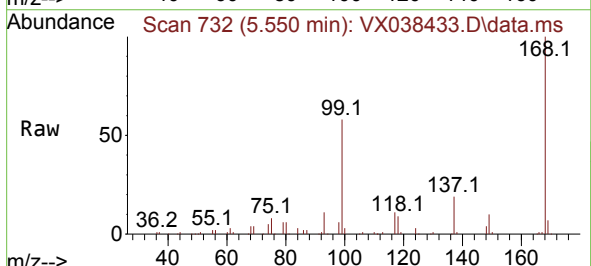
Tgt Ion: 56 Resp: 2941

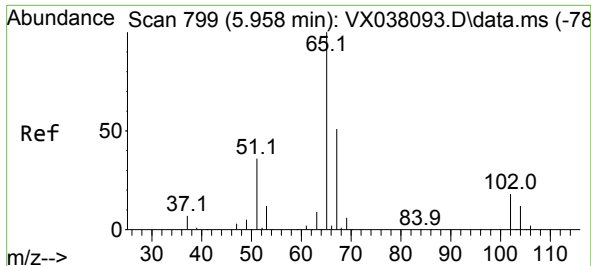
Ion Ratio Lower Upper

56 100

69 149.3 23.4 35.2#

84 127.0 65.9 98.9#

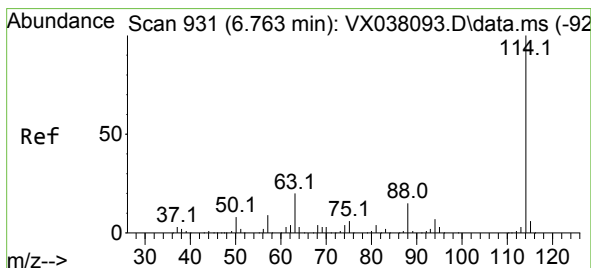
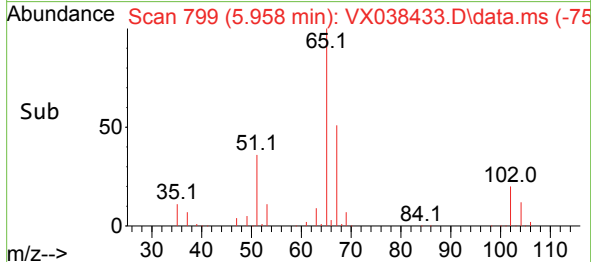
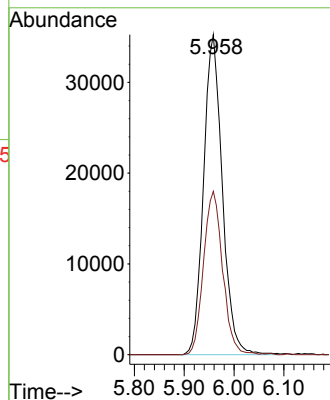
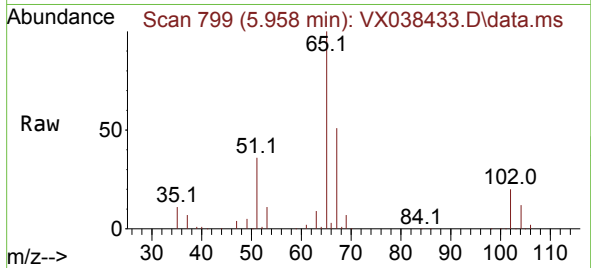




#33
1,2-Dichloroethane-d4
Concen: 44.709 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038433.D
Acq: 23 Oct 2023 15:28

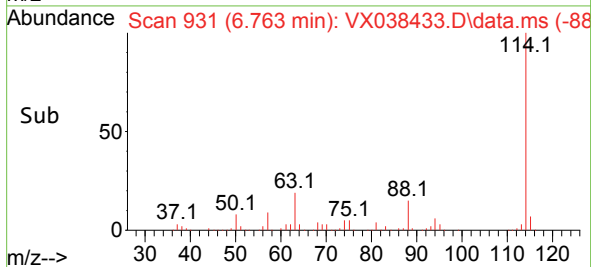
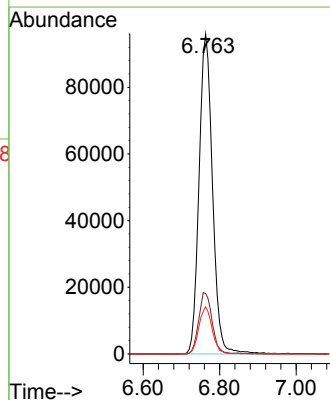
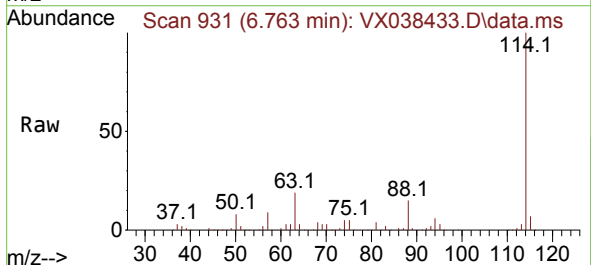
Instrument :
MSVOA_X
ClientSampleId :

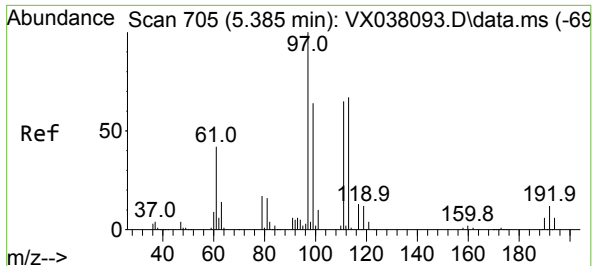
Tgt Ion: 65 Resp: 92194
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038433.D
Acq: 23 Oct 2023 15:28

Tgt Ion:114 Resp: 234329
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 14.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.576 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

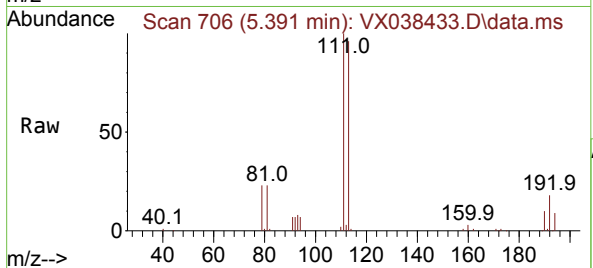
Lab File: VX038433.D

Acq: 23 Oct 2023 15:28

Instrument :

MSVOA_X

ClientSampleId :



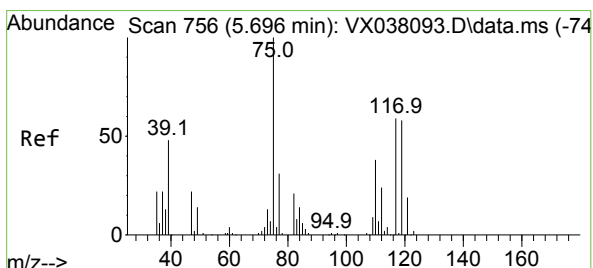
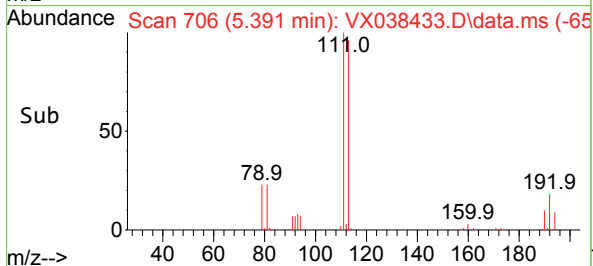
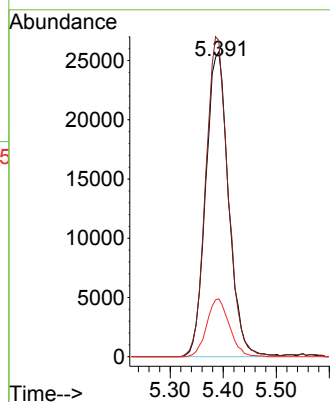
Tgt Ion:113 Resp: 76955

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 18.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.542 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX038433.D

Acq: 23 Oct 2023 15:28

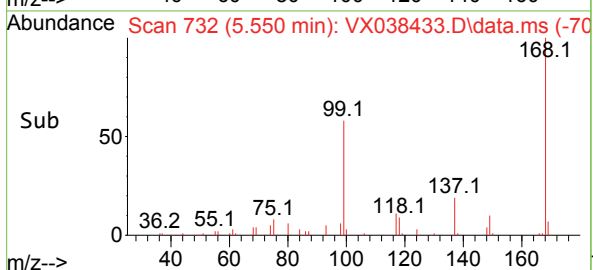
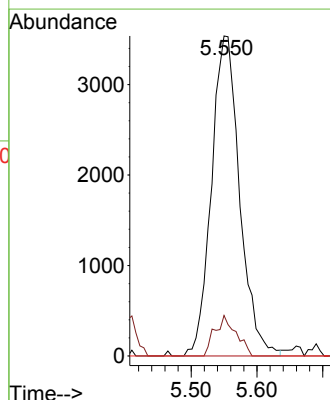
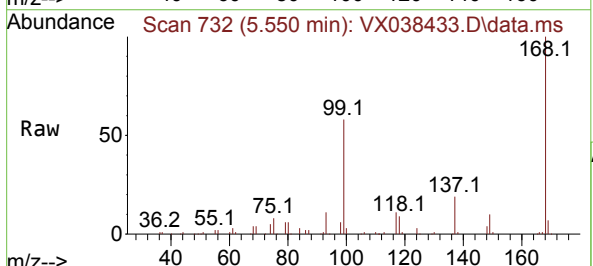
Tgt Ion: 75 Resp: 10575

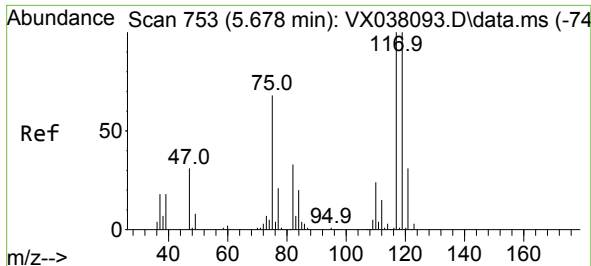
Ion Ratio Lower Upper

75 100

110 9.5 17.0 50.9#

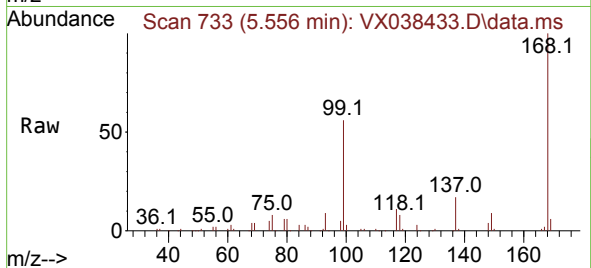
77 0.0 24.7 37.1#



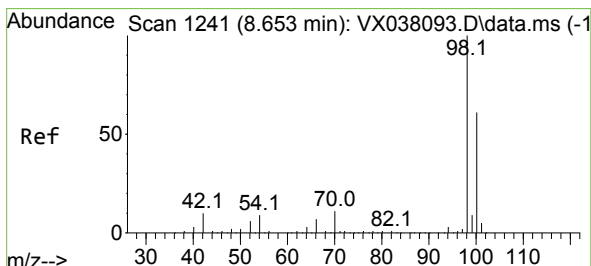
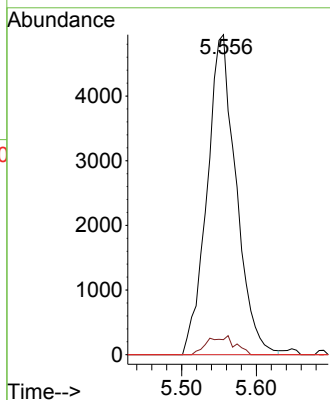
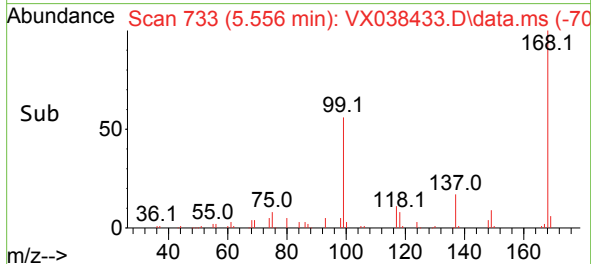


#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038433.D
Acq: 23 Oct 2023 15:28

Instrument :
MSVOA_X
ClientSampleId :

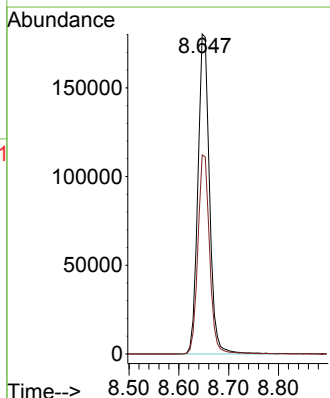
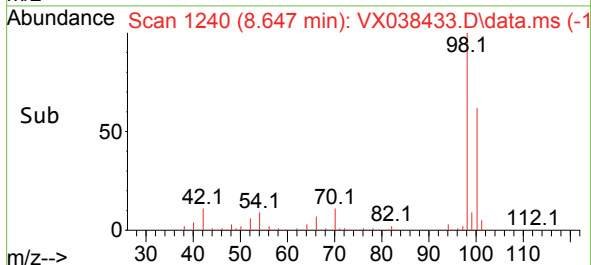
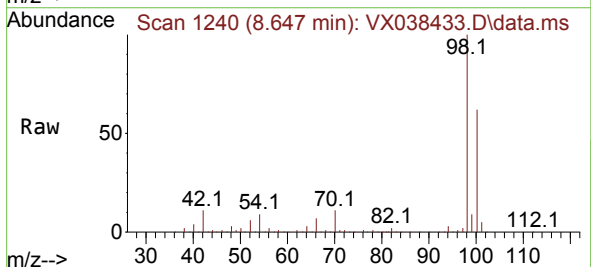


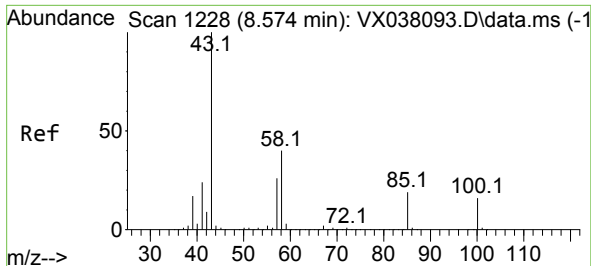
Tgt Ion:117 Resp: 13355
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.077 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038433.D
Acq: 23 Oct 2023 15:28

Tgt Ion: 98 Resp: 290845
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7

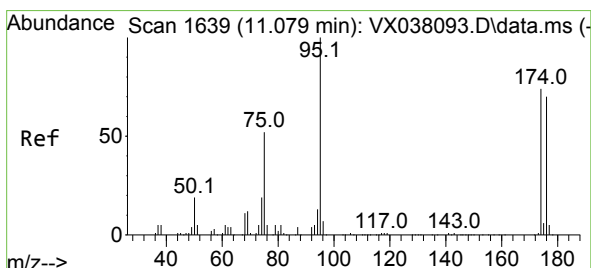
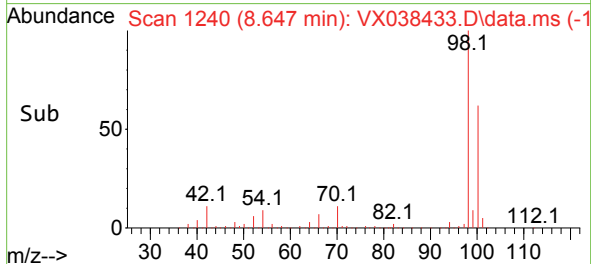
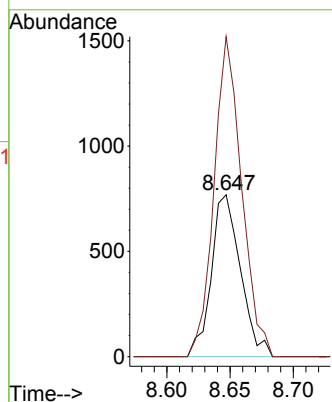
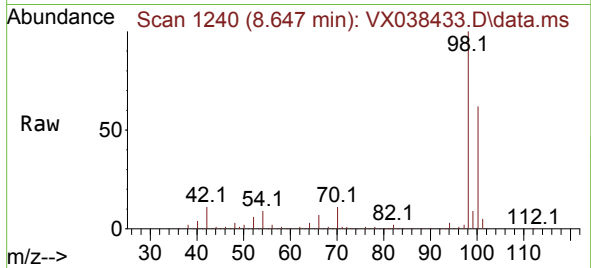




#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038433.D
Acq: 23 Oct 2023 15:28

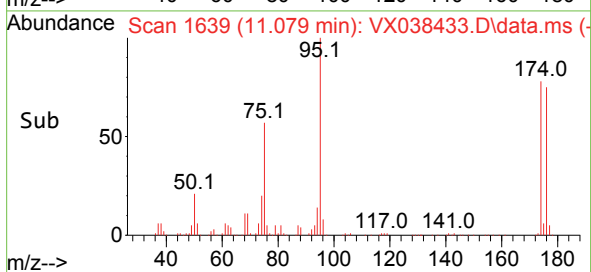
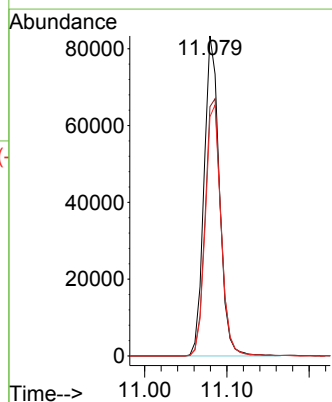
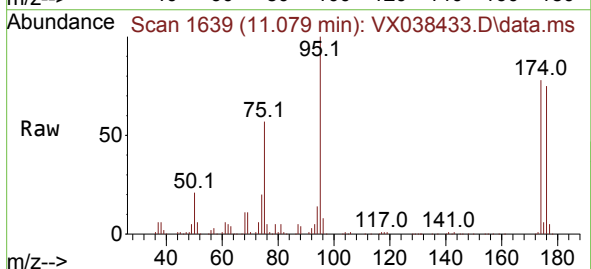
Instrument :
MSVOA_X
ClientSampleId :

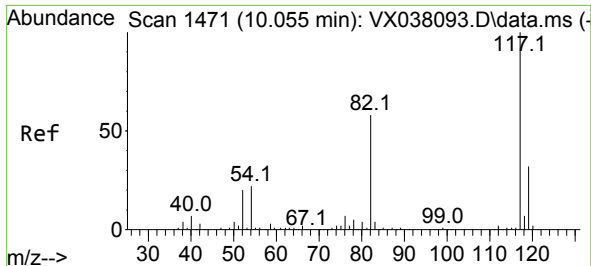
Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
58 187.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.094 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038433.D
Acq: 23 Oct 2023 15:28

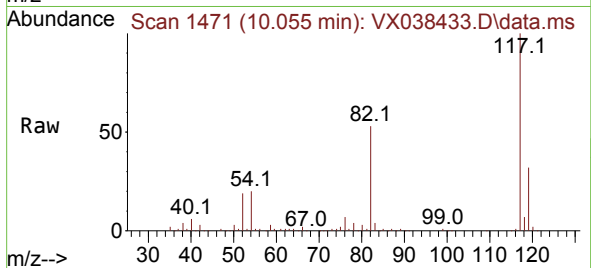
Tgt Ion: 95 Resp: 107857
Ion Ratio Lower Upper
95 100
174 83.2 0.0 135.6
176 80.5 0.0 131.0



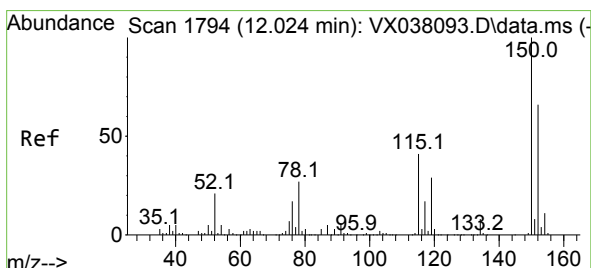
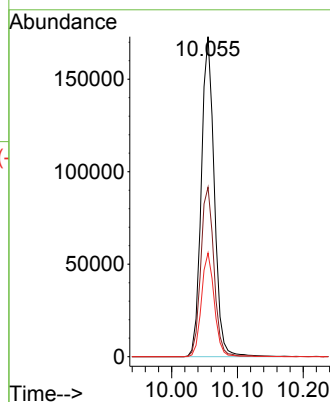
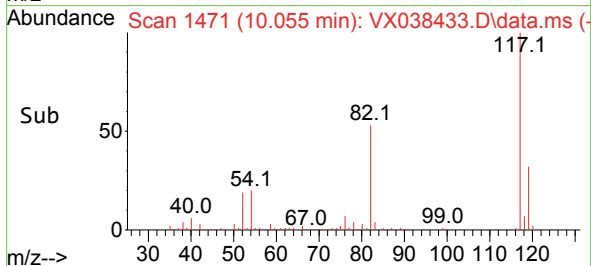


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038433.D
Acq: 23 Oct 2023 15:28

Instrument :
MSVOA_X
ClientSampleId :

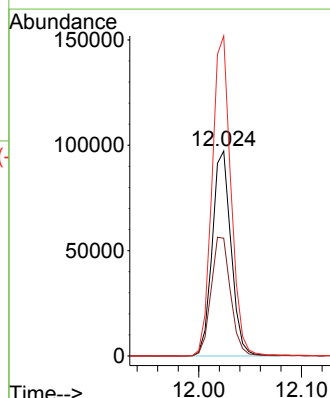
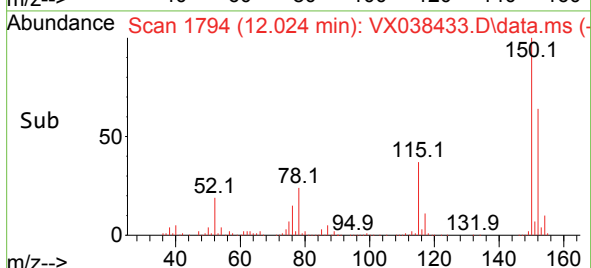
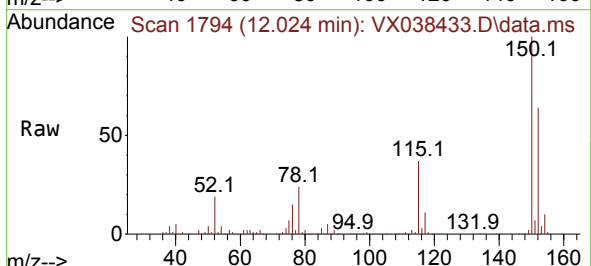


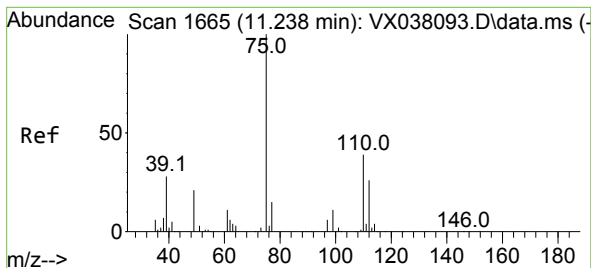
Tgt Ion:117 Resp: 237602
Ion Ratio Lower Upper
117 100
82 53.0 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038433.D
Acq: 23 Oct 2023 15:28

Tgt Ion:152 Resp: 123571
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.344 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038433.D

Acq: 23 Oct 2023 15:28

Instrument :

MSVOA_X

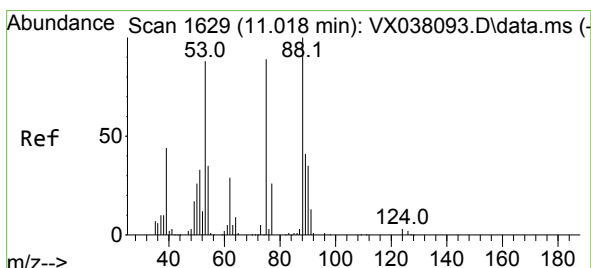
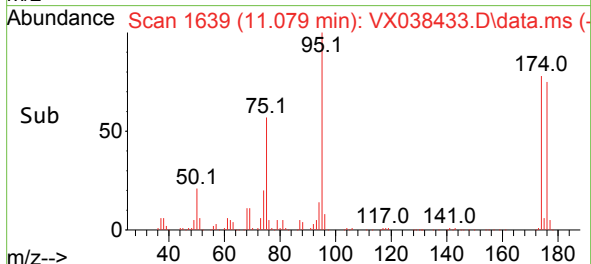
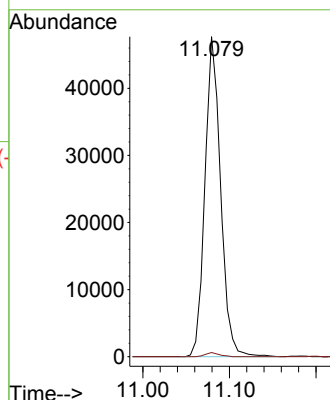
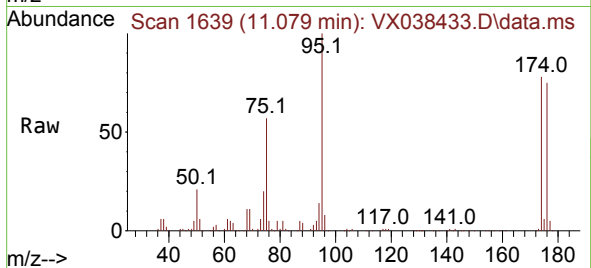
ClientSampleId :

Tgt Ion: 75 Resp: 59961

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.330 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038433.D

Acq: 23 Oct 2023 15:28

Tgt Ion: 75 Resp: 59961

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

