

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038524.D
 Acq On : 26 Oct 2023 17:42
 Operator : JC/MD
 Sample : 05063-17 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:20:29 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)

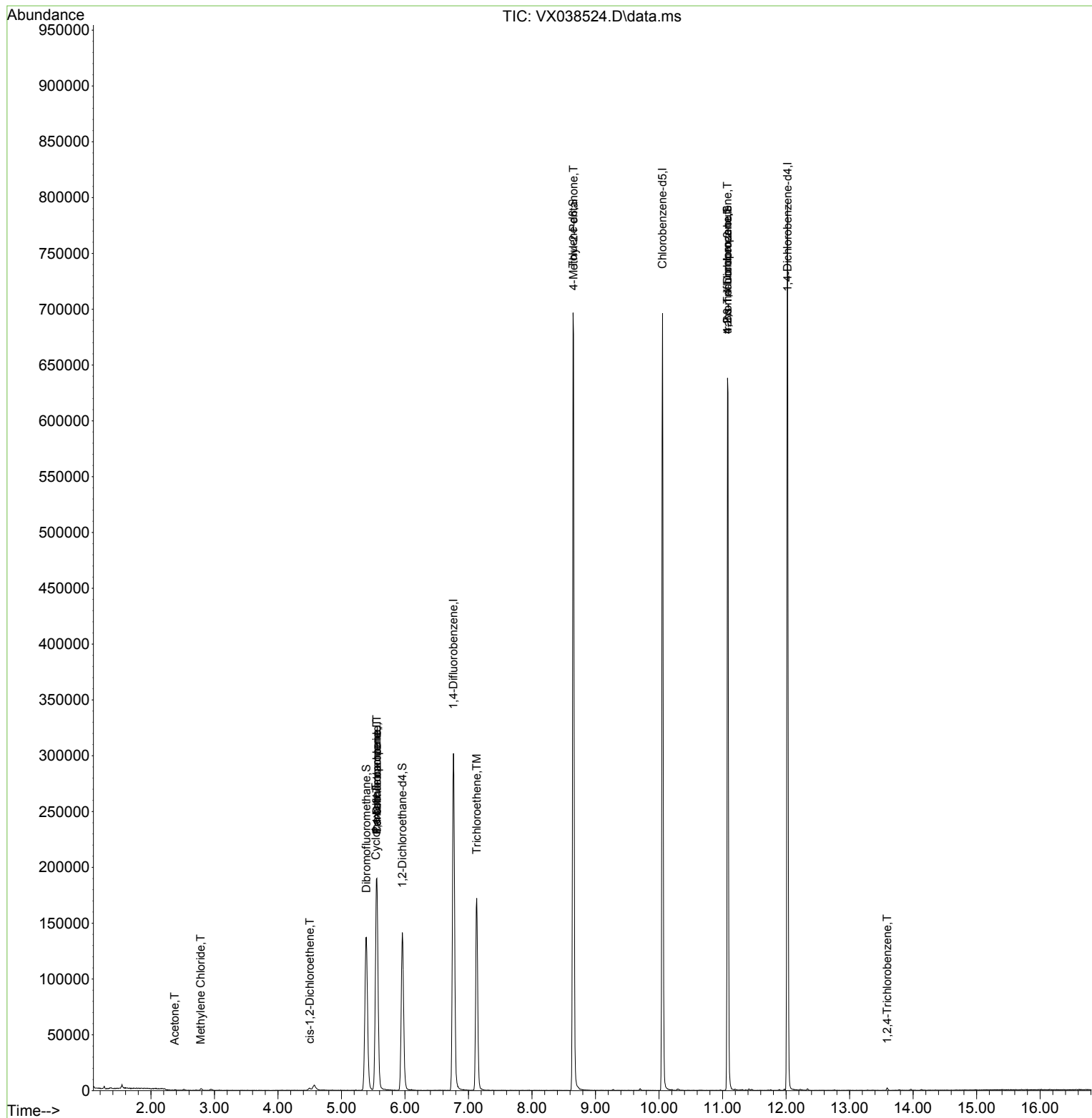
Internal Standards						
1) Pentafluorobenzene	5.556	168	192706	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	325395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134084	43.259	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.520%
35) Dibromofluoromethane	5.391	113	120312	51.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.620%
50) Toluene-d8	8.647	98	434198	48.462	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.920%
62) 4-Bromofluorobenzene	11.079	95	170698	50.254	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.500%
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	65	Below Cal	#	78
6) Chloroethane	1.684	64	246	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	655	Below Cal	#	78
16) Acetone	2.373	43	569	0.440	ug/l	95
20) Methylene Chloride	2.782	84	827	0.340	ug/l	# 76
27) cis-1,2-Dichloroethene	4.501	96	1493	0.574	ug/l	# 81
31) Cyclohexane	5.544	56	3693	1.100	ug/l	# 9
36) 1,1-Dichloropropene	5.556	75	13861	4.287	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	18388	5.781	ug/l	# 16
44) Trichloroethene	7.129	130	69442	29.359	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	1833	0.464	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	87832	21.673	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	87832	62.213	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	872	0.231	ug/l	90

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

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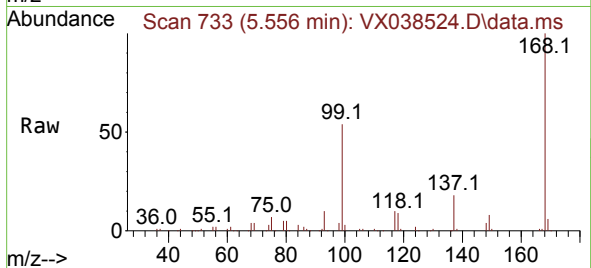
Quant Time: Oct 27 05:20:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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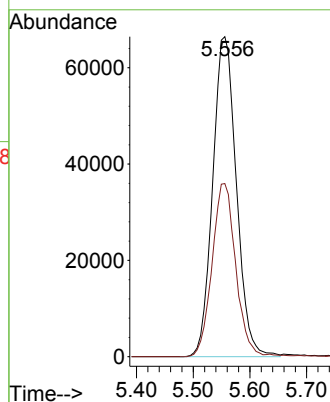
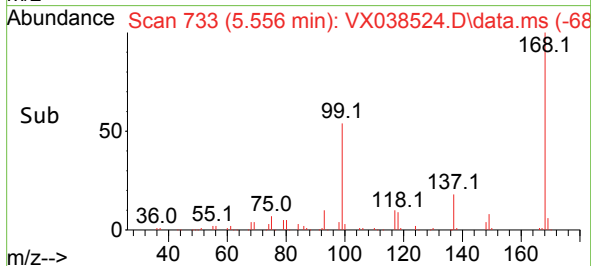


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038524.D
Acq: 26 Oct 2023 17:42

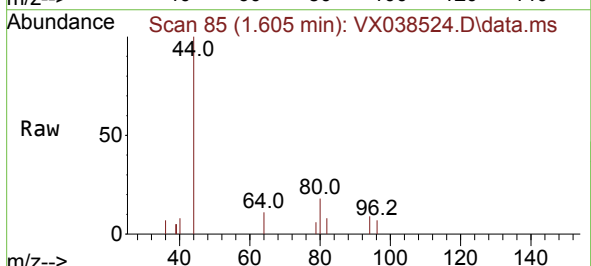
Instrument :
MSVOA_X
ClientSampleId :



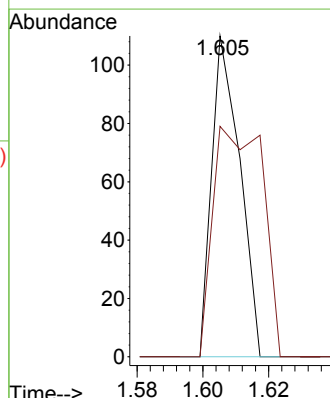
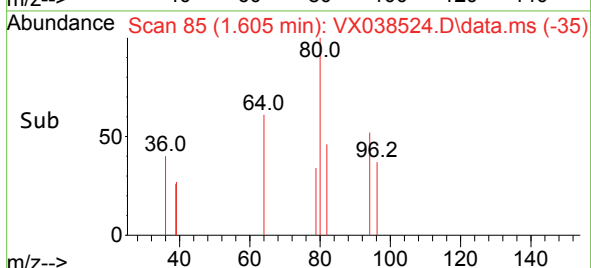
Tgt Ion:168 Resp: 192706
Ion Ratio Lower Upper
168 100
99 54.1 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038524.D
Acq: 26 Oct 2023 17:42



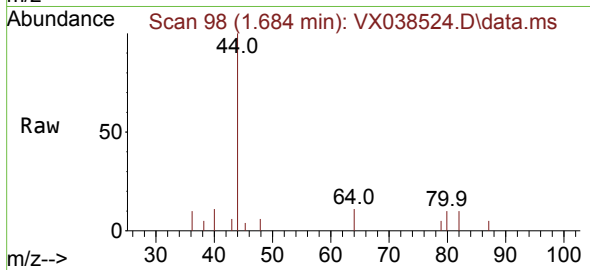
Tgt Ion: 94 Resp: 65
Ion Ratio Lower Upper
94 100
96 71.8 74.6 111.8#



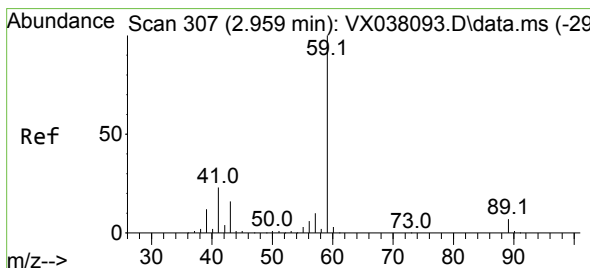
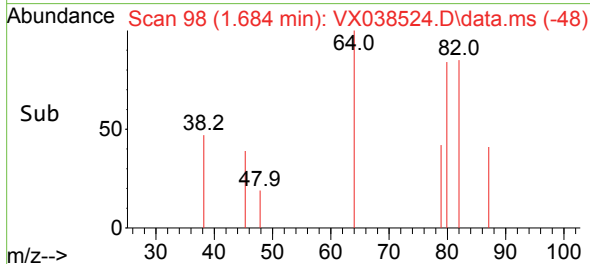
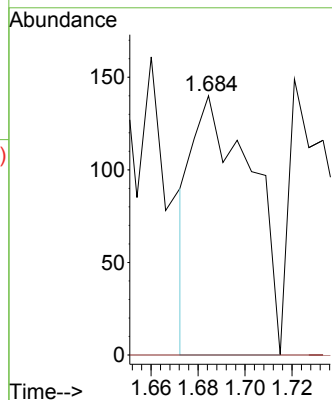


#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 91
Delta R.T. 0.005 min
Lab File: VX038524.D
Acq: 26 Oct 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :

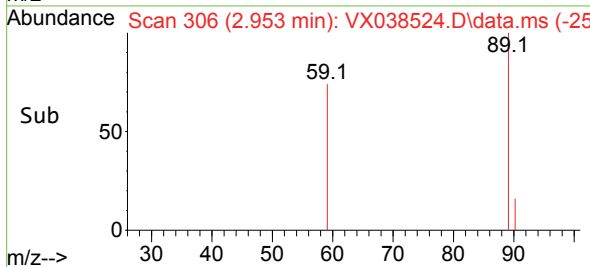
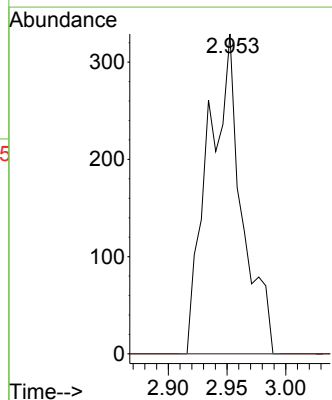
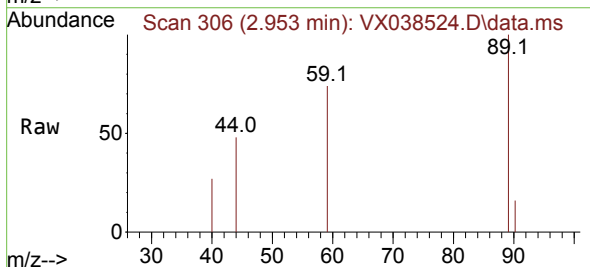


Tgt Ion: 64 Resp: 246
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038524.D
Acq: 26 Oct 2023 17:42

Tgt Ion: 59 Resp: 655
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 0.440 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.007 min

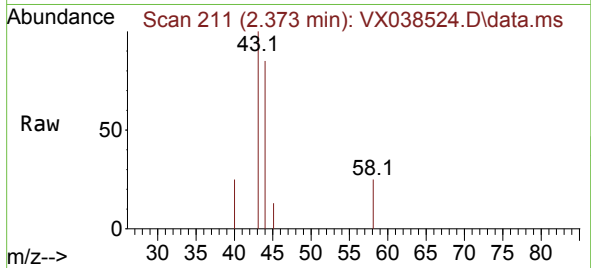
Lab File: VX038524.D

Acq: 26 Oct 2023 17:42

Instrument :

MSVOA_X

ClientSampleId :

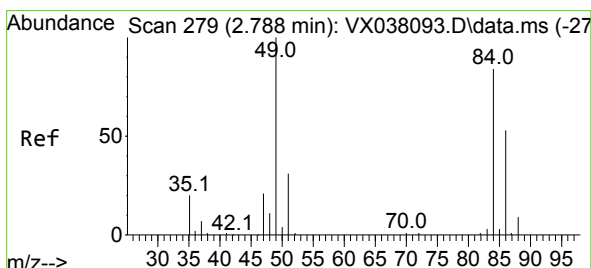
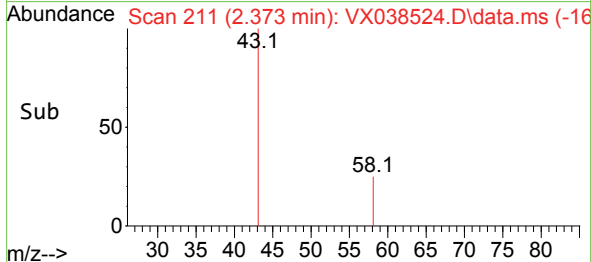
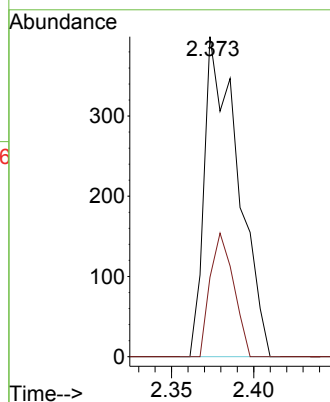


Tgt Ion: 43 Resp: 569

Ion Ratio Lower Upper

43 100

58 24.8 21.9 32.9



#20

Methylene Chloride

Concen: 0.340 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX038524.D

Acq: 26 Oct 2023 17:42

Tgt Ion: 84 Resp: 827

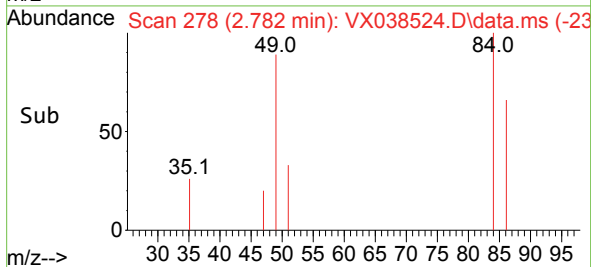
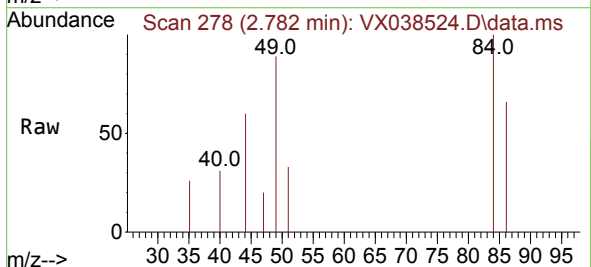
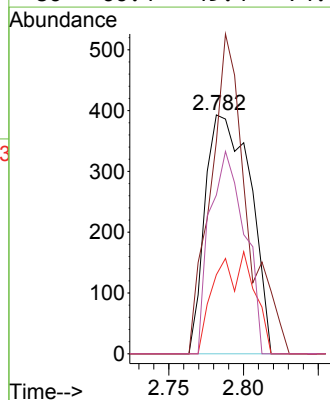
Ion Ratio Lower Upper

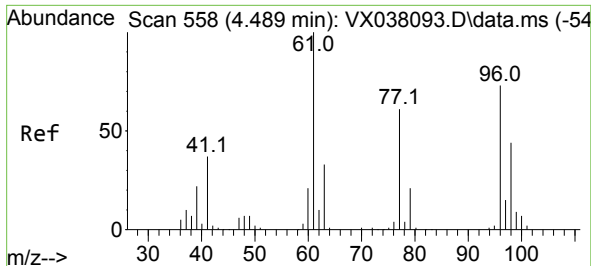
84 100

49 88.8 103.6 155.4#

51 33.1 33.8 50.6#

86 66.4 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 0.574 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

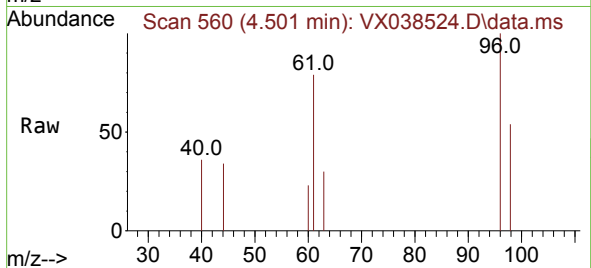
Lab File: VX038524.D

Acq: 26 Oct 2023 17:42

Instrument :

MSVOA_X

ClientSampleId :



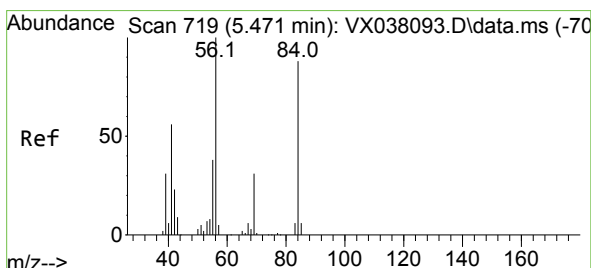
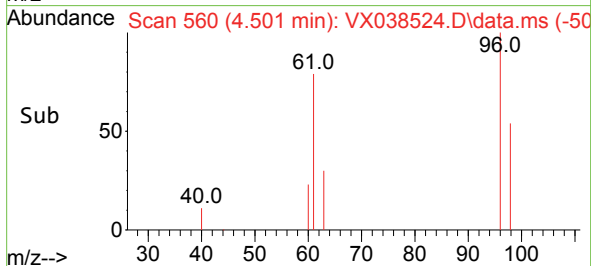
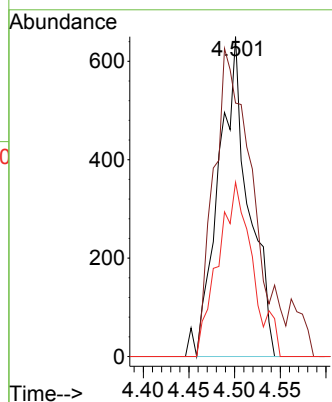
Tgt Ion: 96 Resp: 1493

Ion Ratio Lower Upper

96 100

61 123.1 0.0 312.2

98 62.2 0.0 129.0



#31

Cyclohexane

Concen: 1.100 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX038524.D

Acq: 26 Oct 2023 17:42

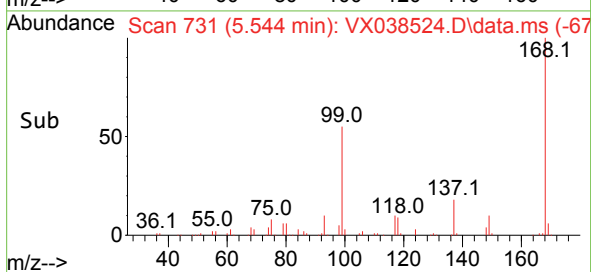
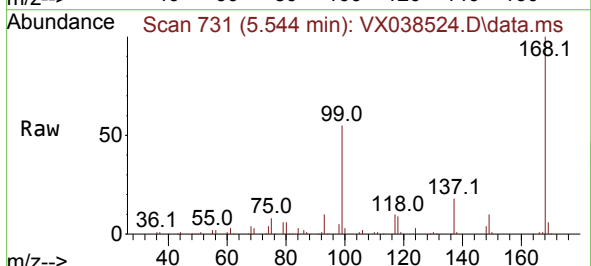
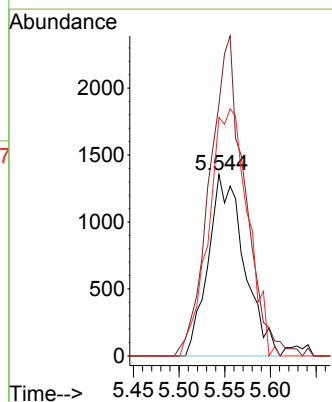
Tgt Ion: 56 Resp: 3693

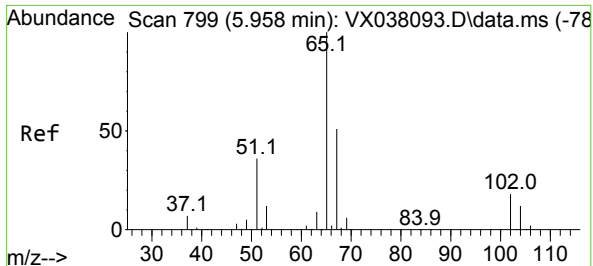
Ion Ratio Lower Upper

56 100

69 133.8 23.4 35.2#

84 131.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.259 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038524.D

Acq: 26 Oct 2023 17:42

Instrument :

MSVOA_X

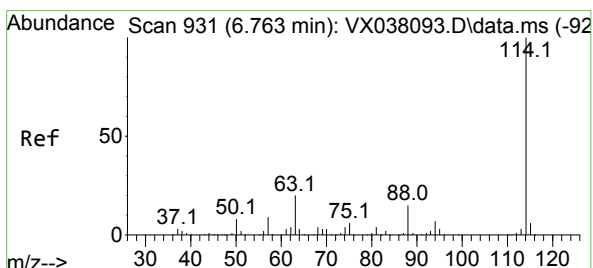
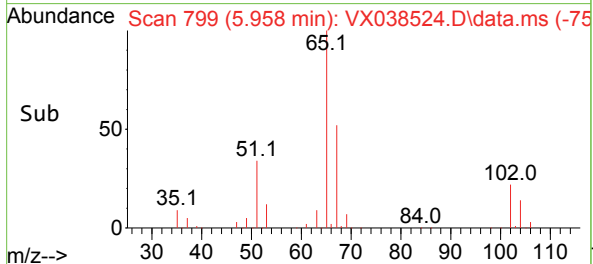
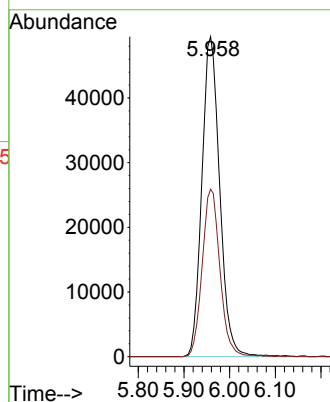
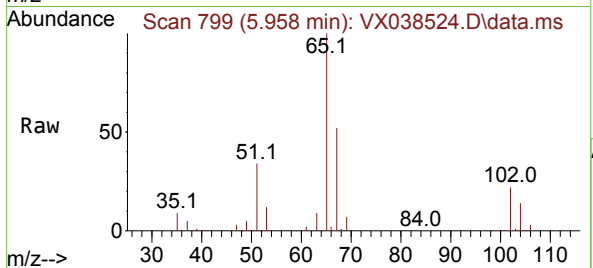
ClientSampleId :

Tgt Ion: 65 Resp: 134084

Ion Ratio Lower Upper

65 100

67 52.2 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: VX038524.D

Acq: 26 Oct 2023 17:42

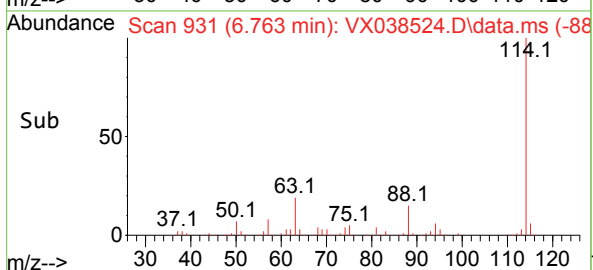
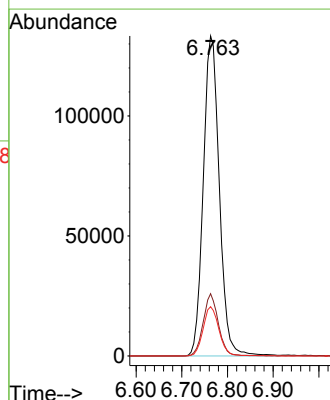
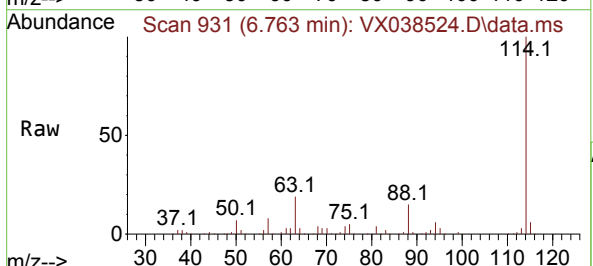
Tgt Ion: 114 Resp: 325395

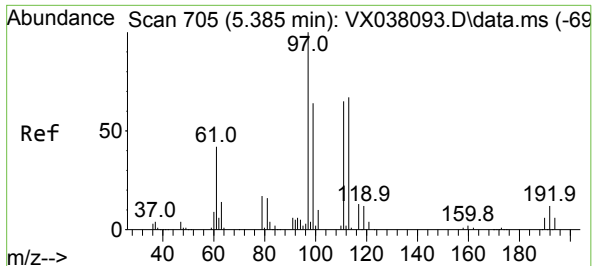
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

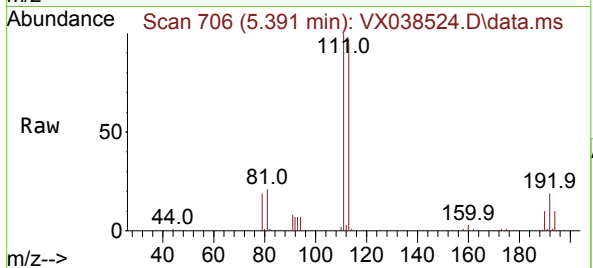
88 15.4 0.0 36.6



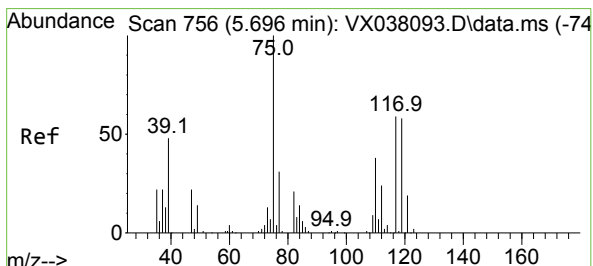
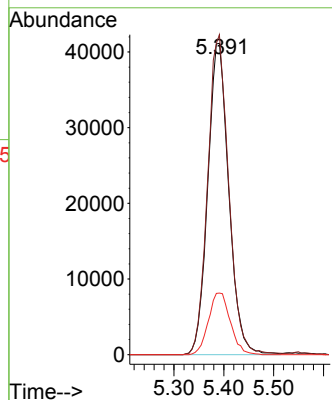
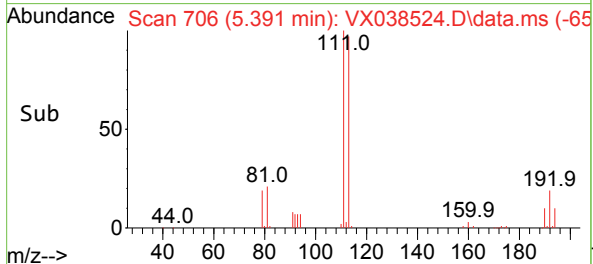


#35
Dibromofluoromethane
Concen: 51.313 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038524.D
Acq: 26 Oct 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :

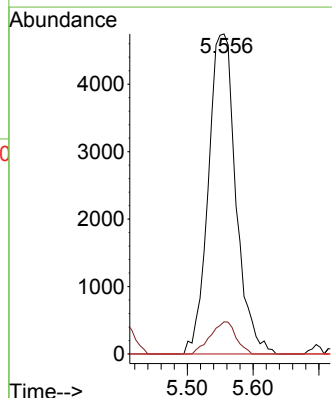
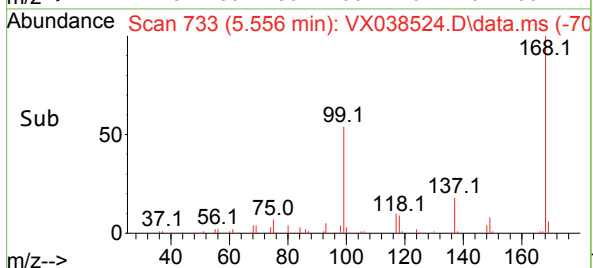
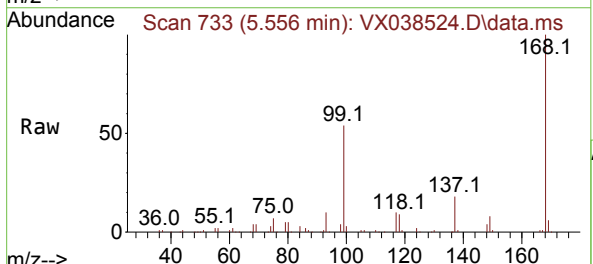


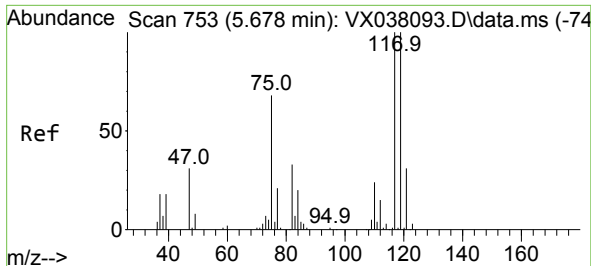
Tgt Ion:113 Resp: 120312
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 20.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.287 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038524.D
Acq: 26 Oct 2023 17:42

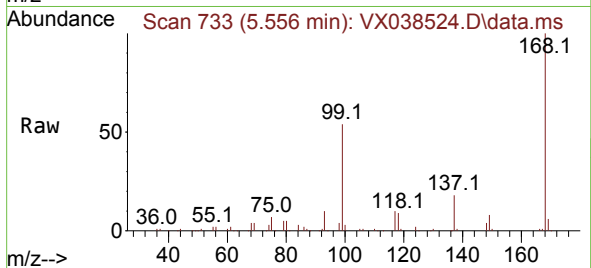
Tgt Ion: 75 Resp: 13861
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



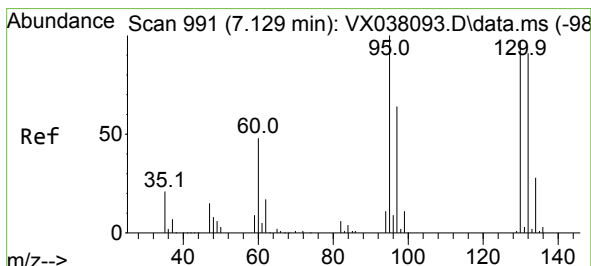
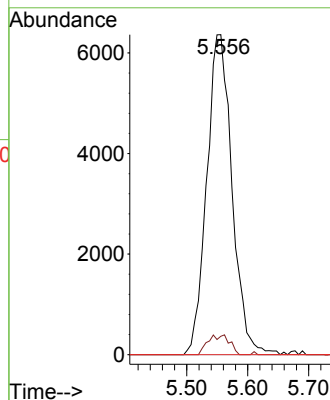
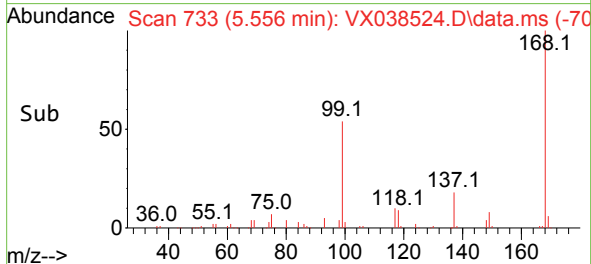


#38
Carbon Tetrachloride
Concen: 5.781 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX038524.D
Acq: 26 Oct 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :

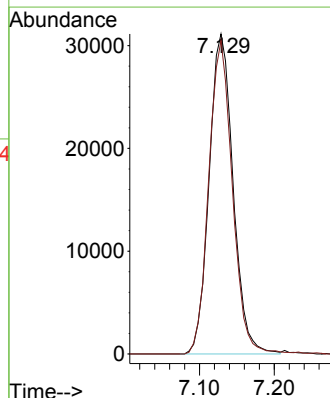
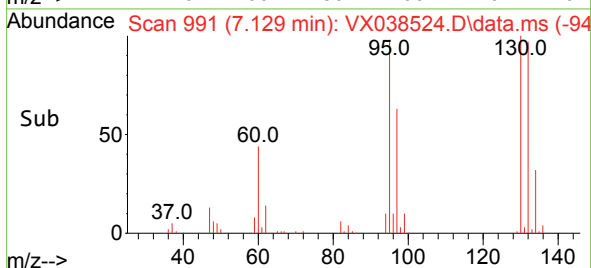
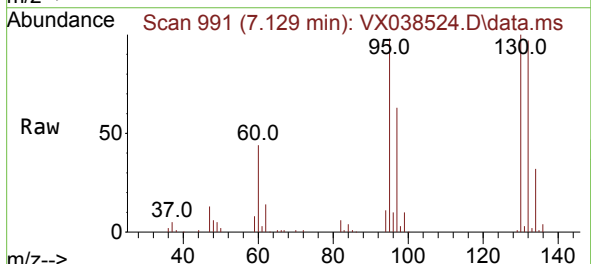


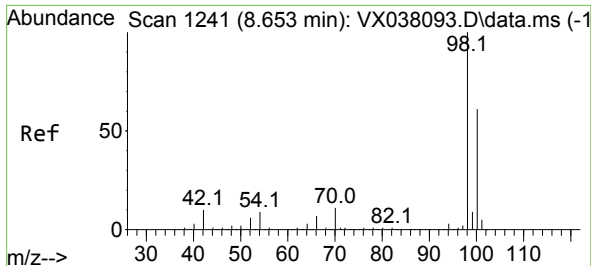
Tgt Ion:117 Resp: 18388
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 29.359 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038524.D
Acq: 26 Oct 2023 17:42

Tgt Ion:130 Resp: 69442
Ion Ratio Lower Upper
130 100
95 98.0 0.0 204.4

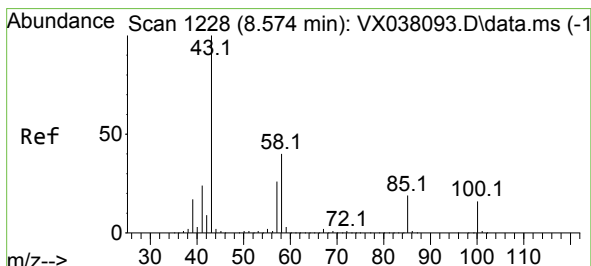
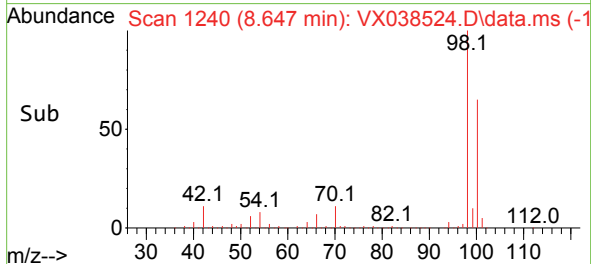
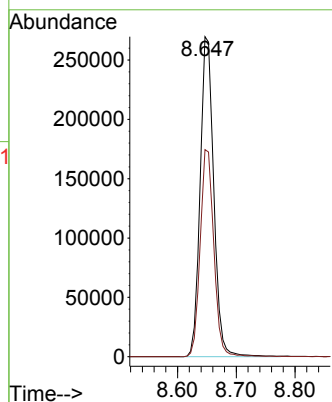
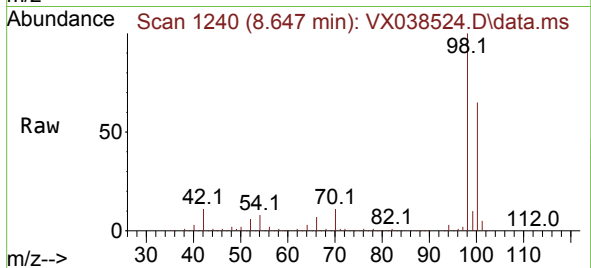




#50
Toluene-d8
Concen: 48.462 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038524.D
Acq: 26 Oct 2023 17:42

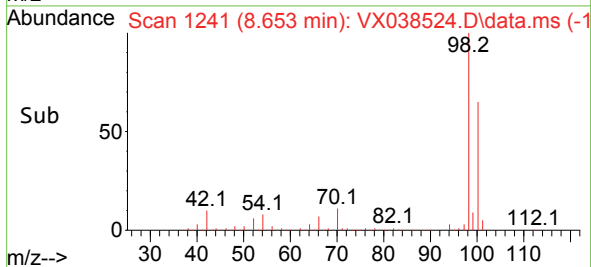
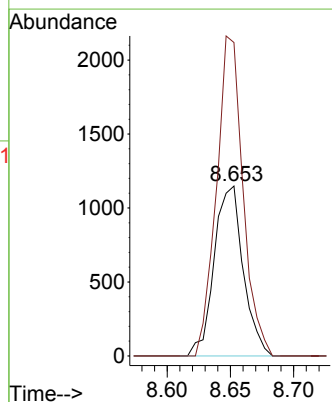
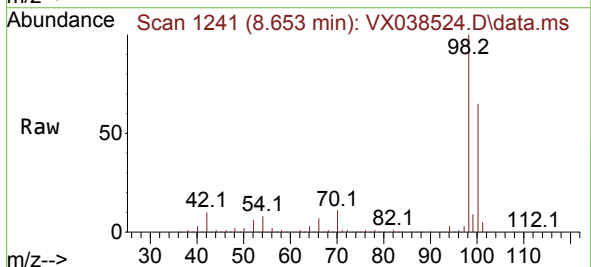
Instrument :
MSVOA_X
ClientSampleId :

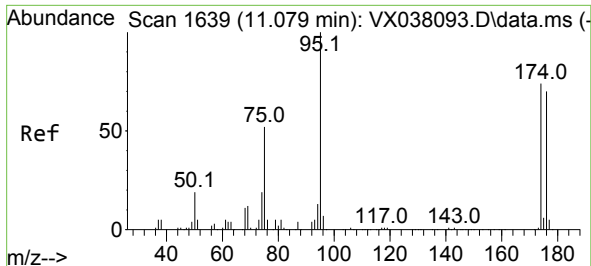
Tgt Ion: 98 Resp: 434198
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.464 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038524.D
Acq: 26 Oct 2023 17:42

Tgt Ion: 43 Resp: 1833
Ion Ratio Lower Upper
43 100
58 172.1 30.4 45.6#

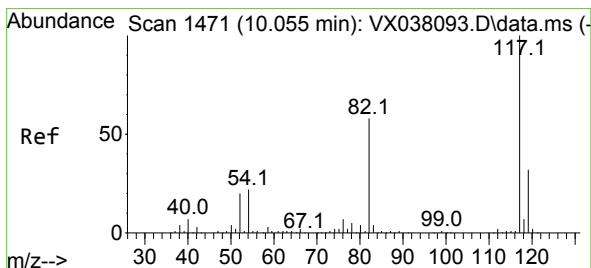
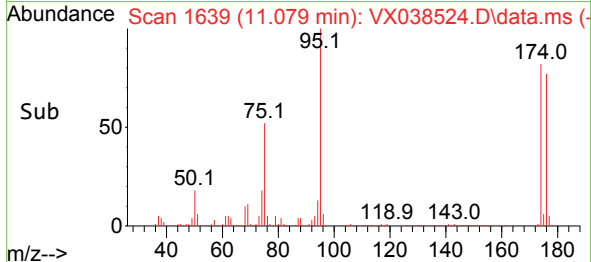
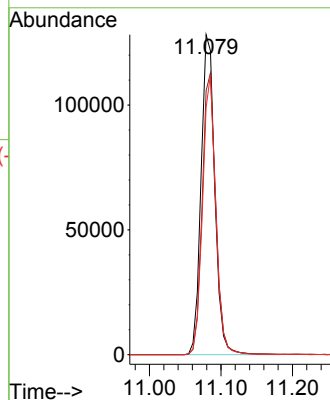
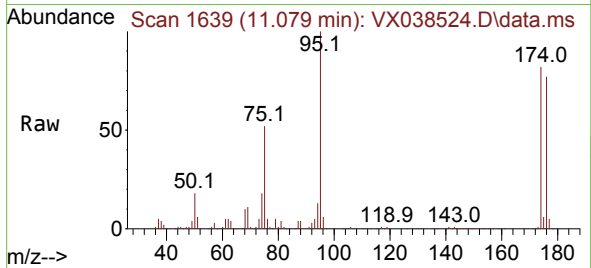




#62
4-Bromofluorobenzene
Concen: 50.254 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038524.D
Acq: 26 Oct 2023 17:42

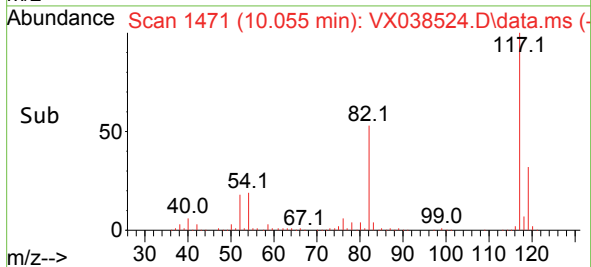
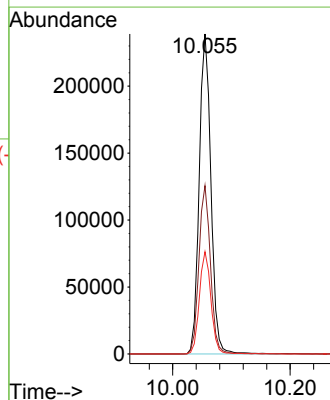
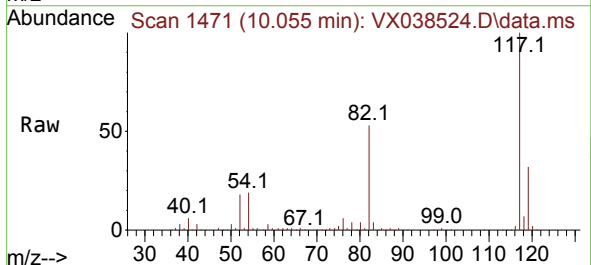
Instrument :
MSVOA_X
ClientSampleId :

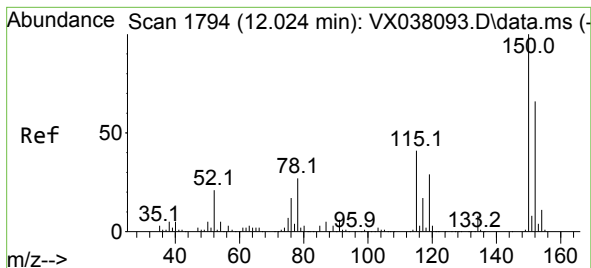
Tgt Ion: 95 Resp: 170698
Ion Ratio Lower Upper
95 100
174 87.7 0.0 135.6
176 84.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038524.D
Acq: 26 Oct 2023 17:42

Tgt Ion: 117 Resp: 330233
Ion Ratio Lower Upper
117 100
82 52.6 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# 1

Delta R.T. 0.000 min

Lab File: VX038524.D

Acq: 26 Oct 2023 17:42

Instrument :

MSVOA_X

ClientSampleId :

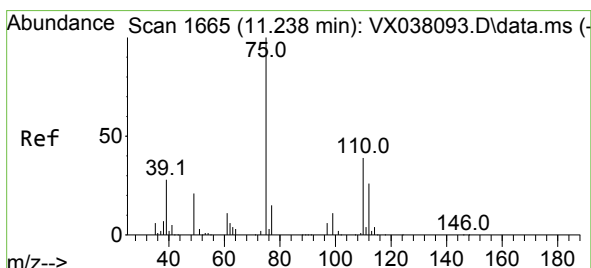
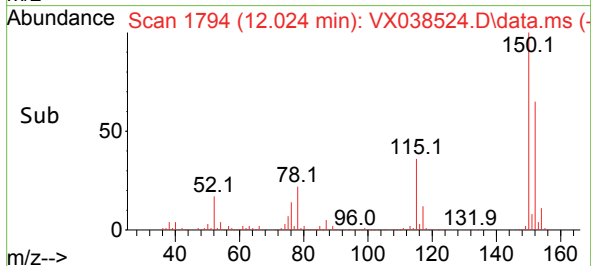
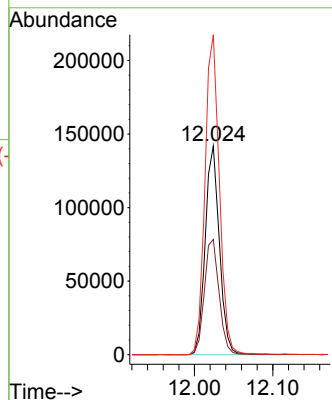
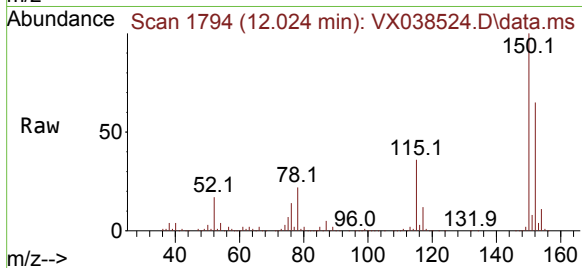
Tgt Ion:152 Resp: 178262

Ion Ratio Lower Upper

152 100

115 57.6 43.3 129.9

150 155.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.673 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038524.D

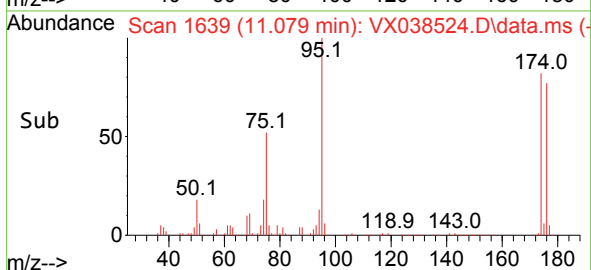
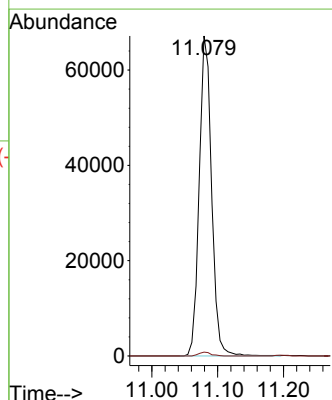
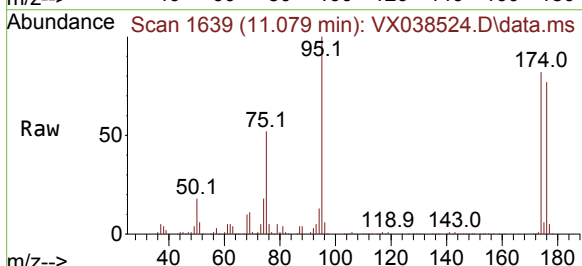
Acq: 26 Oct 2023 17:42

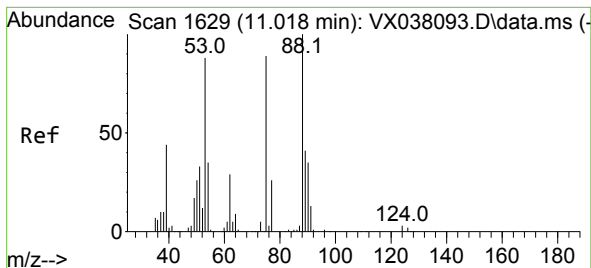
Tgt Ion: 75 Resp: 87832

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

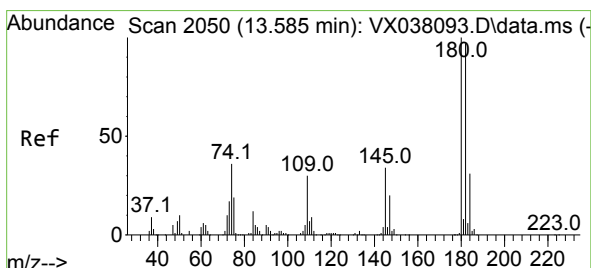
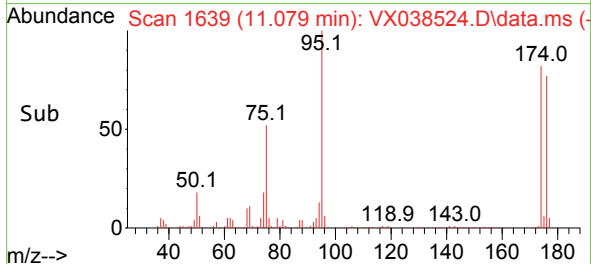
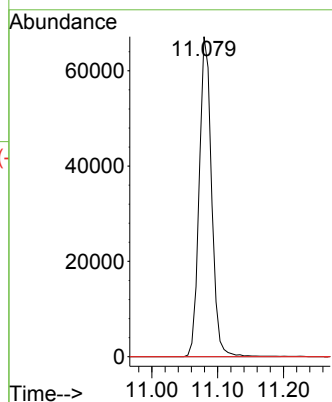
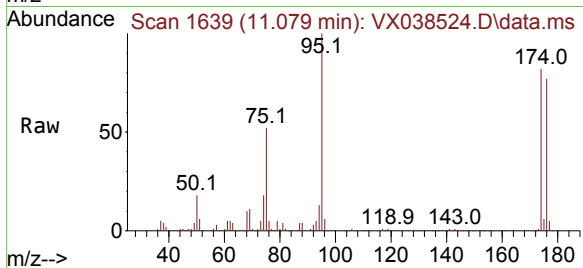




#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.213 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038524.D
 Acq: 26 Oct 2023 17:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 87832
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.231 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038524.D
 Acq: 26 Oct 2023 17:42

Tgt Ion:180 Resp: 872
 Ion Ratio Lower Upper
 180 100
 182 93.0 48.3 144.8
 145 18.9 18.0 54.0

