

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038420.D
 Acq On : 23 Oct 2023 10:25
 Operator : JC/MD
 Sample : VX1023MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 23 23:57:30 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

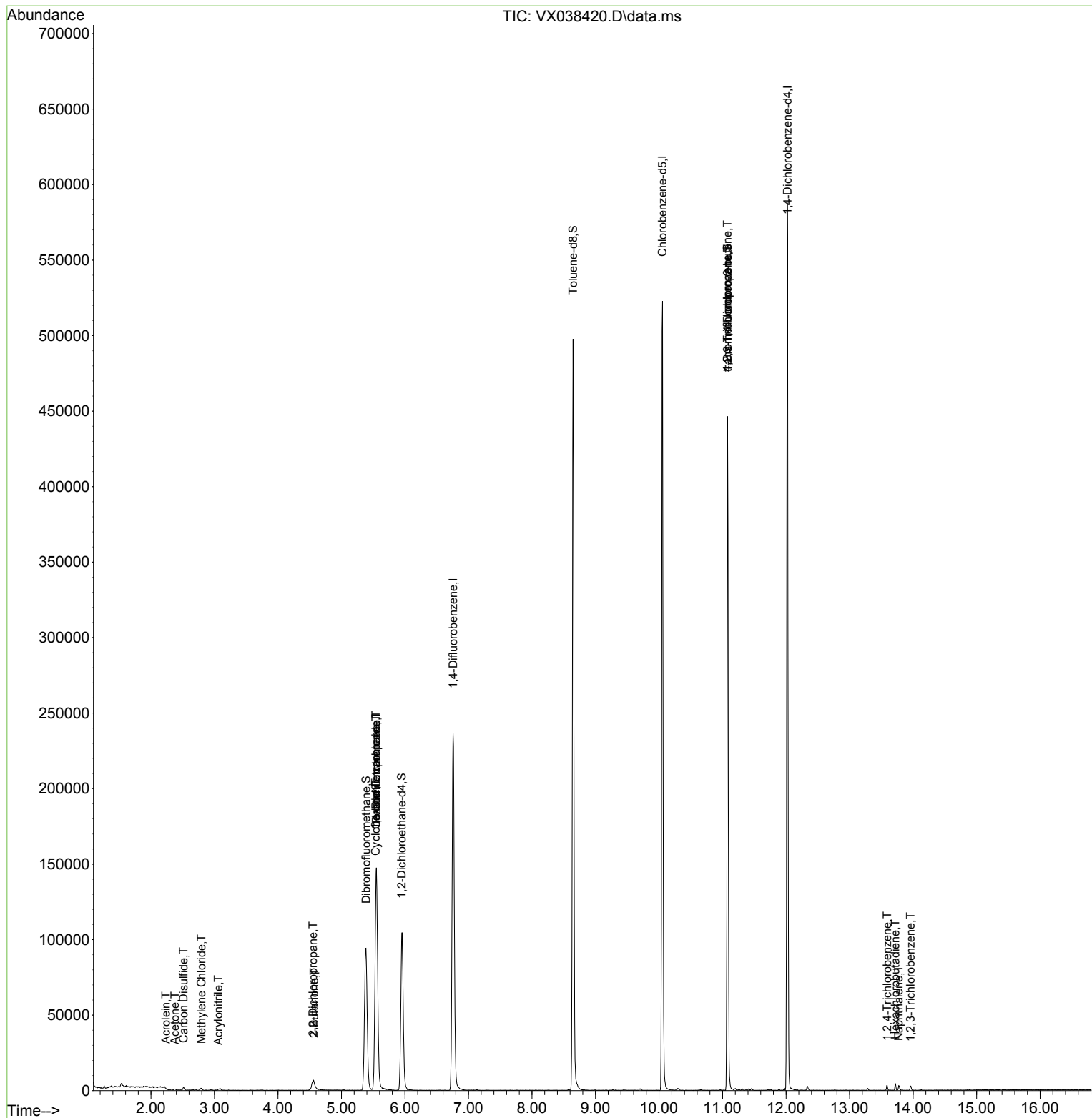
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	140986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	251992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98493	43.434	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.860%
35) Dibromofluoromethane	5.385	113	83485	45.978	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	8.647	98	306135	44.121	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.240%#
62) 4-Bromofluorobenzene	11.079	95	112836	42.896	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.800%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	230	Below Cal		85
6) Chloroethane	1.697	64	19	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	406	Below Cal	#	78
13) Acrolein	2.233	56	333	1.033	ug/l	96
15) Acrylonitrile	3.062	53	704	0.682	ug/l	99
16) Acetone	2.380	43	863	0.912	ug/l	# 78
17) Carbon Disulfide	2.514	76	2194	0.590	ug/l	# 88
20) Methylene Chloride	2.794	84	660	0.371	ug/l	# 77
25) 2-Butanone	4.568	43	664	0.435	ug/l	# 51
26) 2,2-Dichloropropane	4.550	77	627	0.274	ug/l	# 54
31) Cyclohexane	5.538	56	3234	1.316	ug/l	# 37
36) 1,1-Dichloropropene	5.544	75	11966	4.779	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	14784	6.002	ug/l	# 14
76) 1,2,3-Trichloropropane	11.079	75	60729	21.649	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	60729	62.147	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1027	0.393	ug/l	91
94) Hexachlorobutadiene	13.719	225	617	0.586	ug/l	95
95) Naphthalene	13.774	128	2893	0.318	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	949	0.375	ug/l	97

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

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Quant Time: Oct 23 23:57:30 2023
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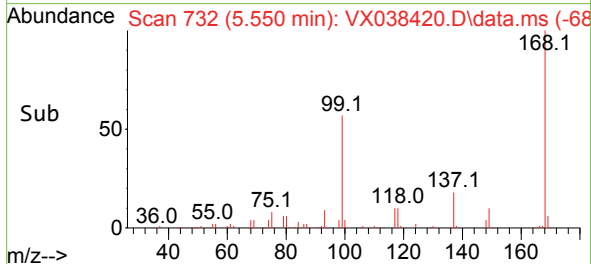
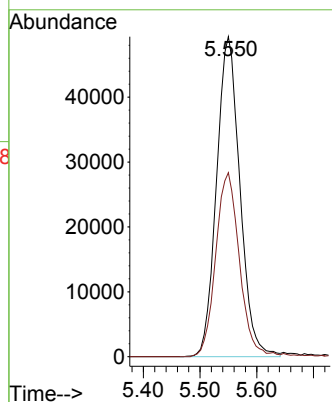
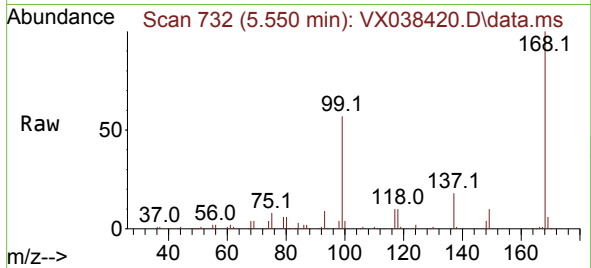




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

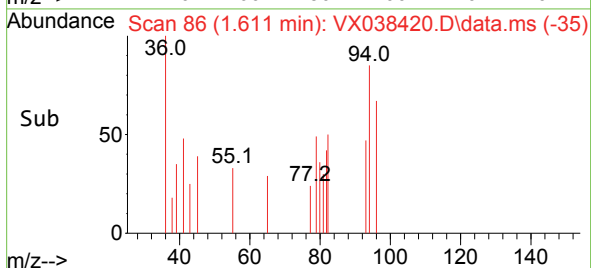
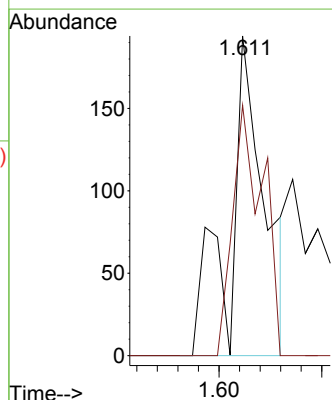
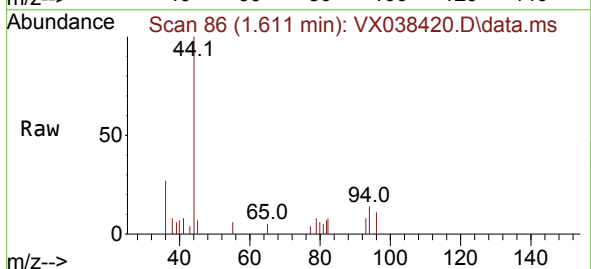
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 140986
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

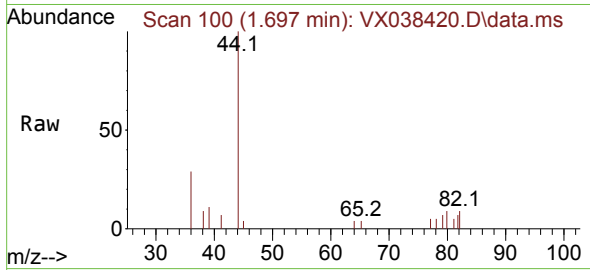
Tgt Ion: 94 Resp: 230
Ion Ratio Lower Upper
94 100
96 78.4 74.6 111.8



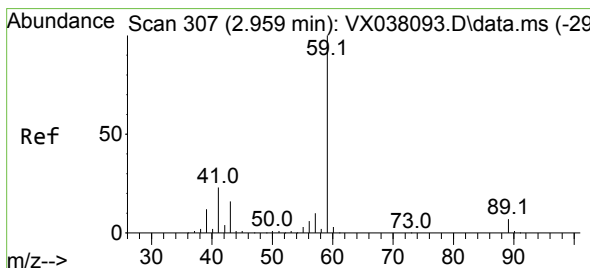
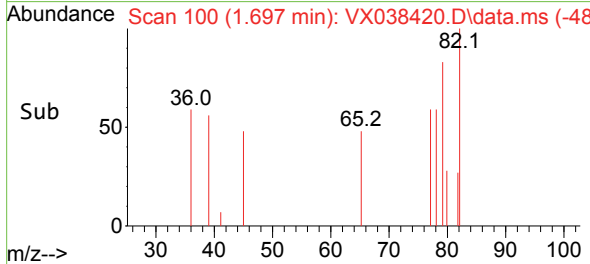
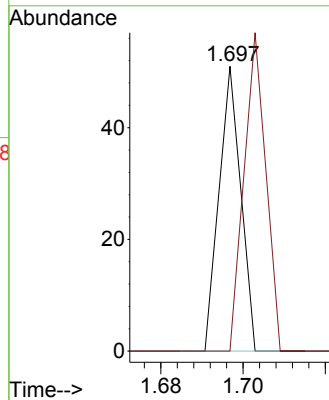


#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 10
Delta R.T. 0.018 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

Instrument :
MSVOA_X
ClientSampleId :

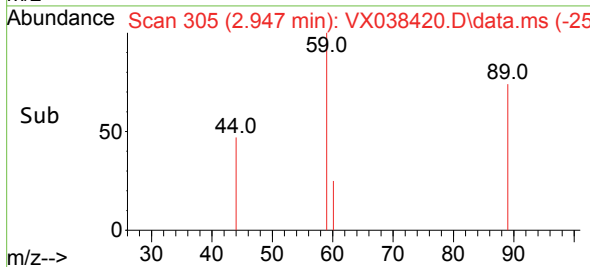
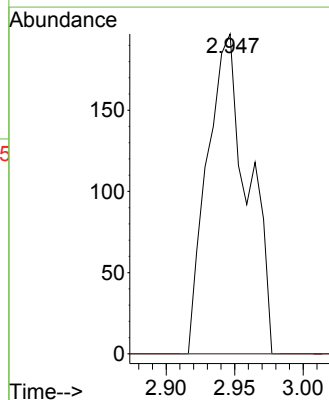
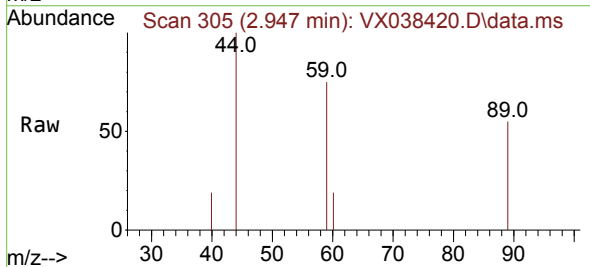


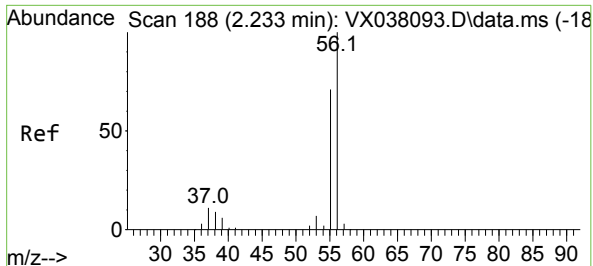
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

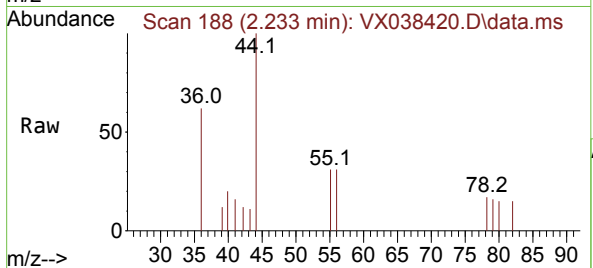
Tgt Ion: 59 Resp: 406
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



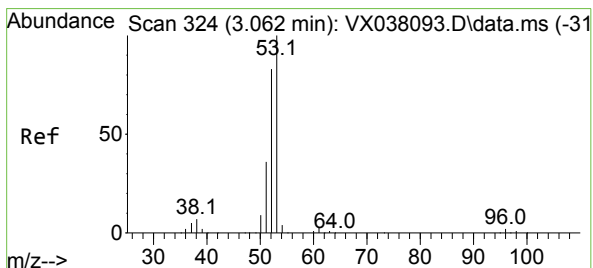
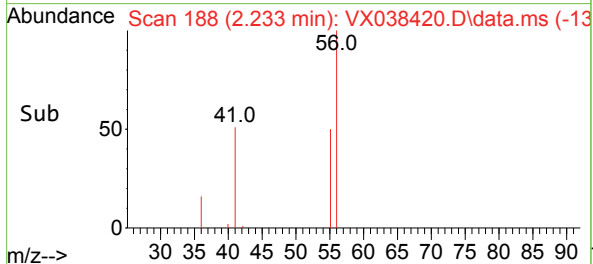
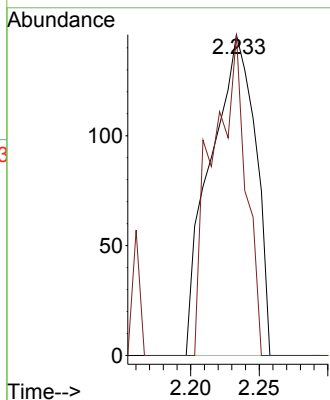


#13
Acrolein
Concen: 1.033 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

Instrument :
MSVOA_X
ClientSampleId :

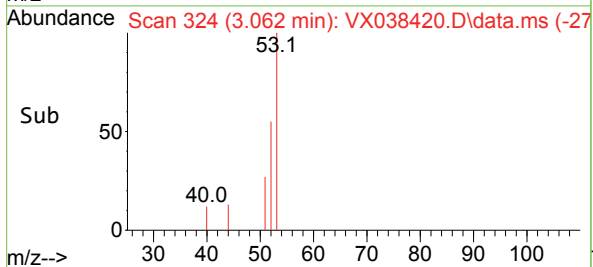
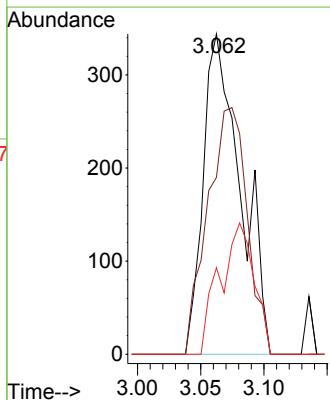
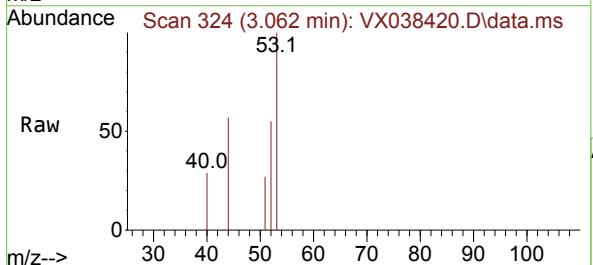


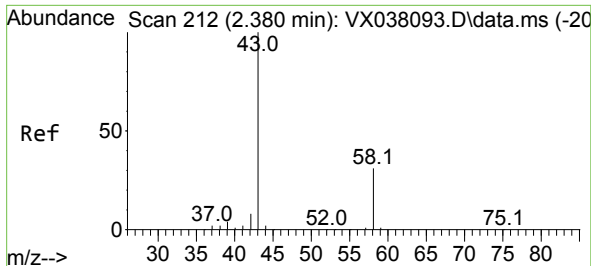
Tgt Ion: 56 Resp: 333
Ion Ratio Lower Upper
56 100
55 74.5 57.1 85.7



#15
Acrylonitrile
Concen: 0.682 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 53 Resp: 704
Ion Ratio Lower Upper
53 100
52 81.5 66.0 99.0
51 37.8 29.8 44.6

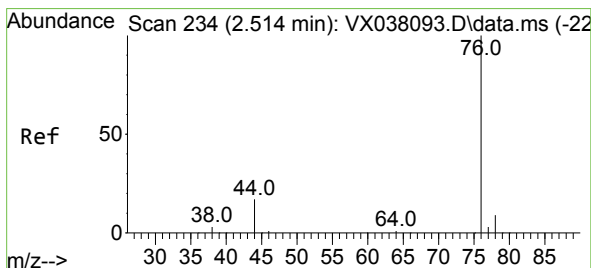
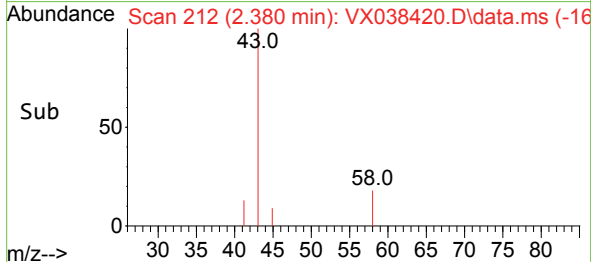
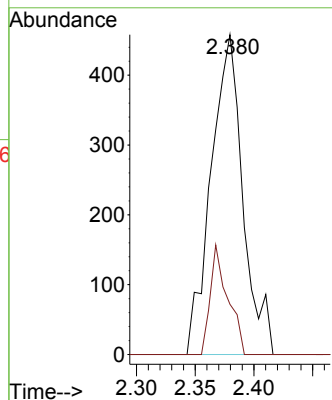
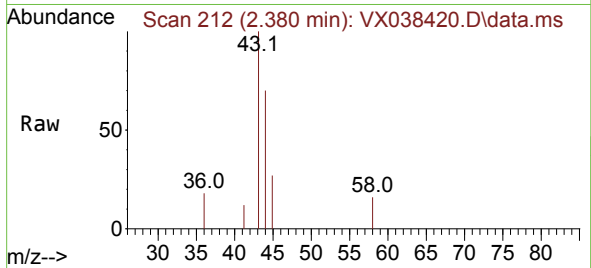




#16
Acetone
Concen: 0.912 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

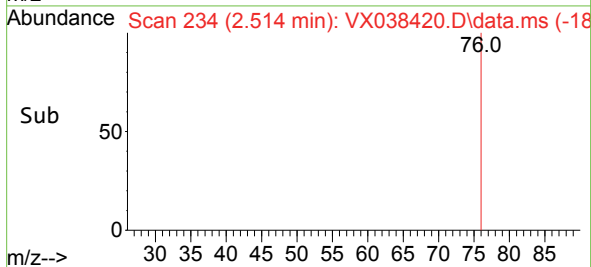
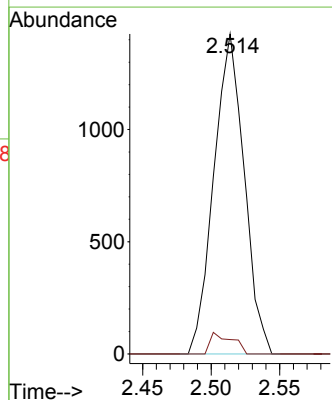
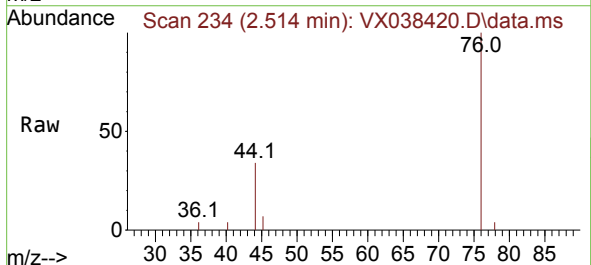
Instrument :
MSVOA_X
ClientSampleId :

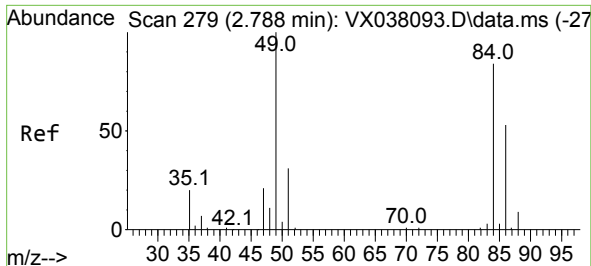
Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
58 15.7 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.590 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 76 Resp: 2194
Ion Ratio Lower Upper
76 100
78 4.5 7.0 10.6#





#20

Methylene Chloride

Concen: 0.371 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

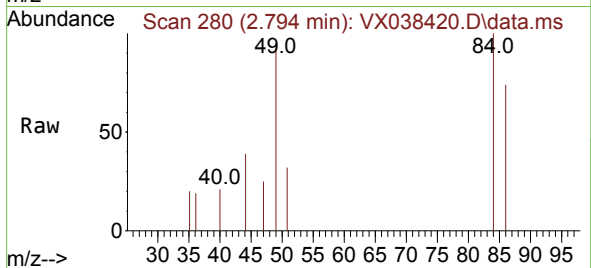
Lab File: VX038420.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 660

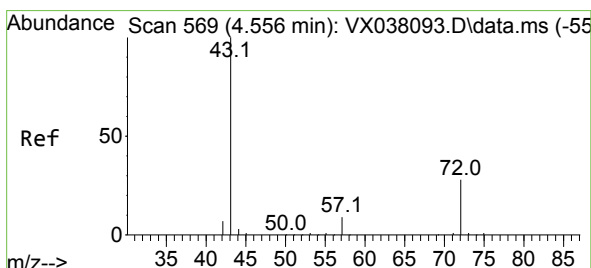
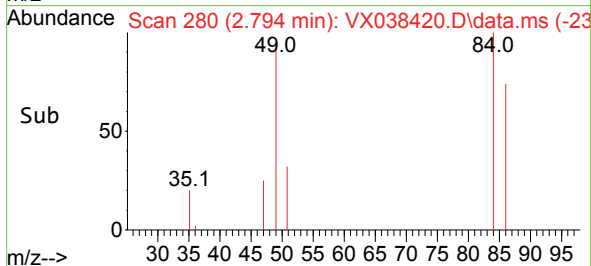
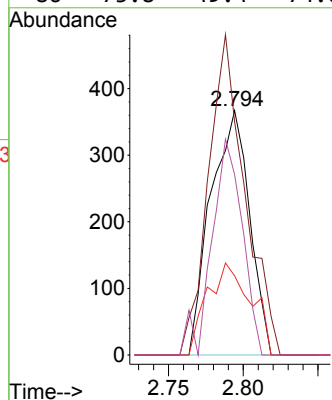
Ion Ratio Lower Upper

84 100

49 95.4 103.6 155.4#

51 32.4 33.8 50.6#

86 73.8 49.4 74.0



#25

2-Butanone

Concen: 0.435 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX038420.D

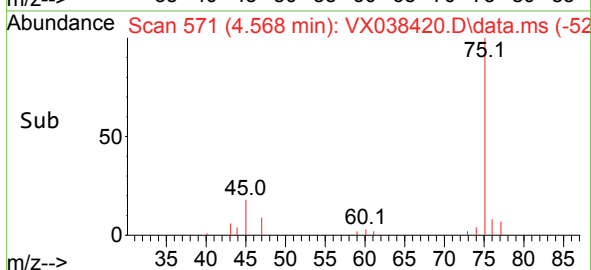
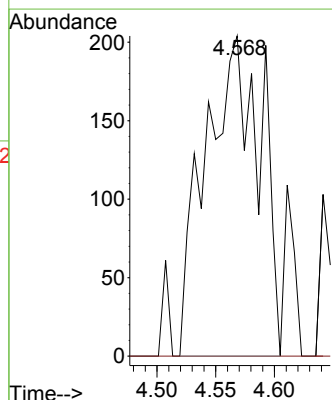
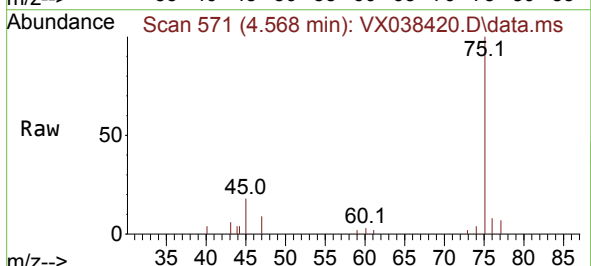
Acq: 23 Oct 2023 10:25

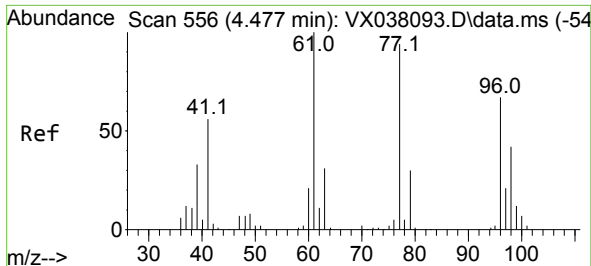
Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 0.274 ug/l

RT: 4.550 min Scan# 5

Delta R.T. 0.073 min

Lab File: VX038420.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_X

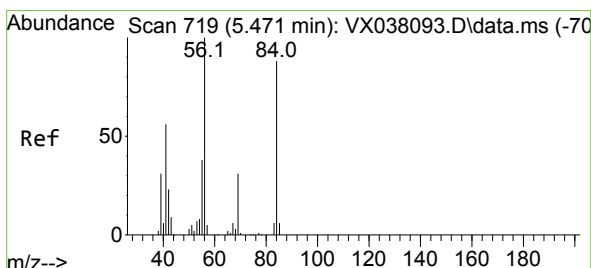
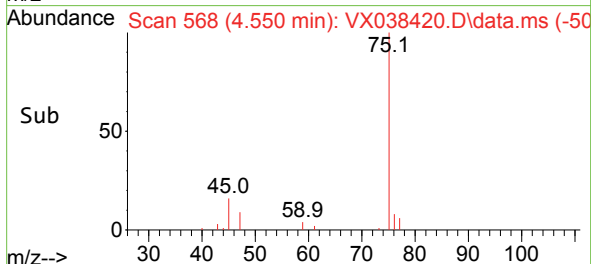
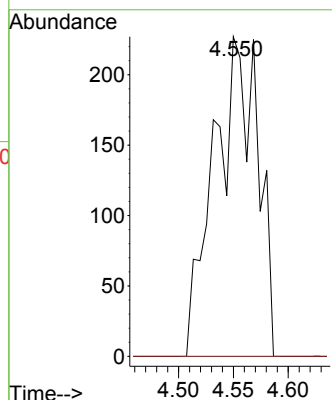
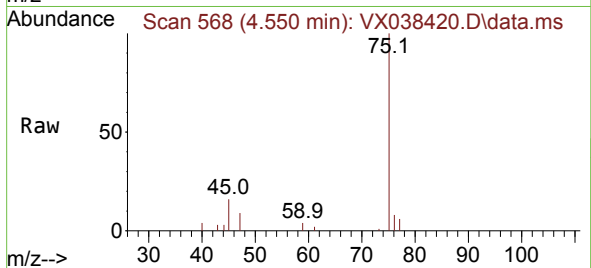
ClientSampleId :

Tgt Ion: 77 Resp: 627

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.316 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.067 min

Lab File: VX038420.D

Acq: 23 Oct 2023 10:25

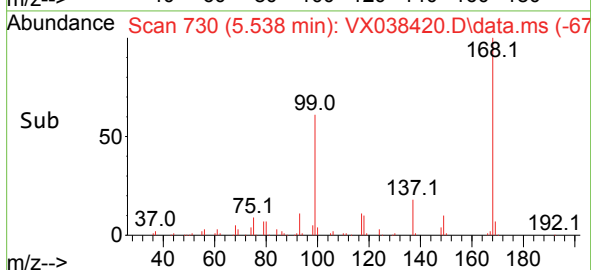
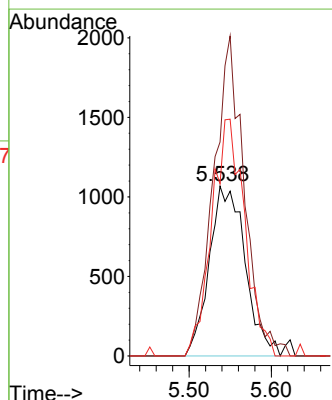
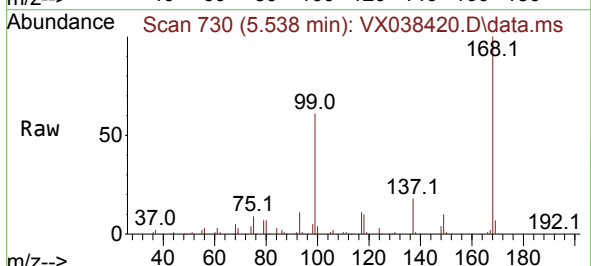
Tgt Ion: 56 Resp: 3234

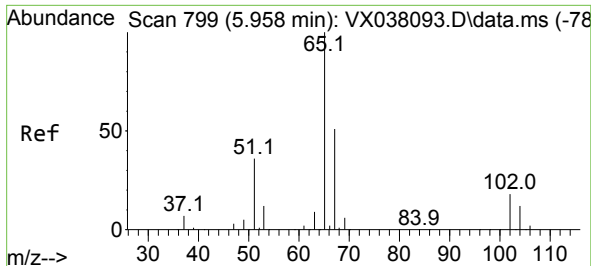
Ion Ratio Lower Upper

56 100

69 125.9 23.4 35.2#

84 101.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.434 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX038420.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_X

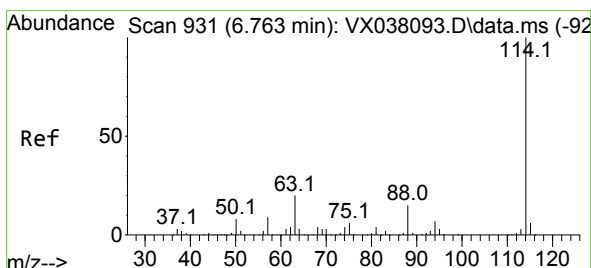
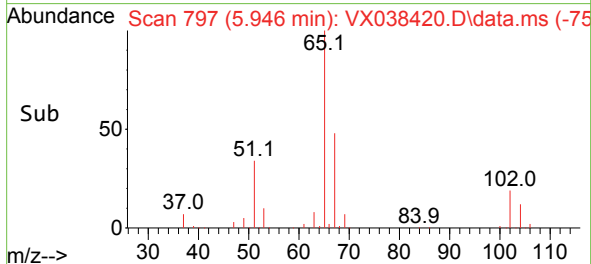
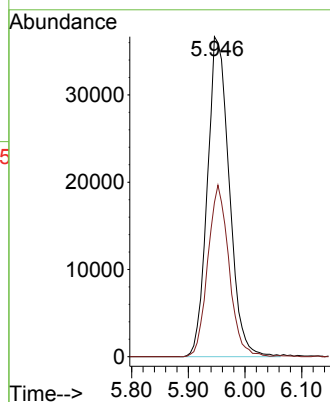
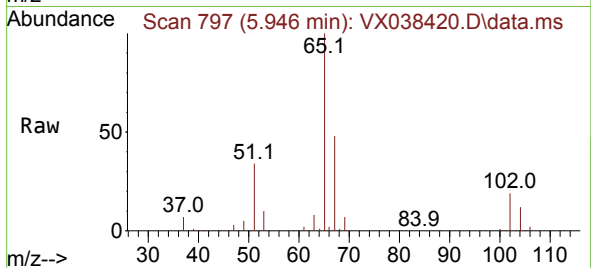
ClientSampleId :

Tgt Ion: 65 Resp: 98493

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038420.D

Acq: 23 Oct 2023 10:25

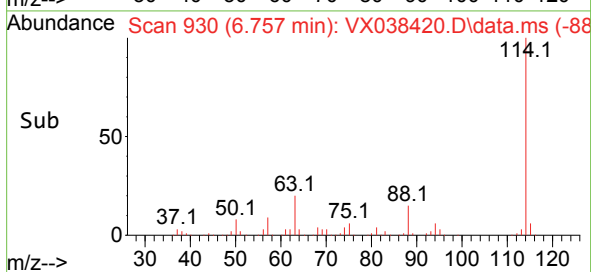
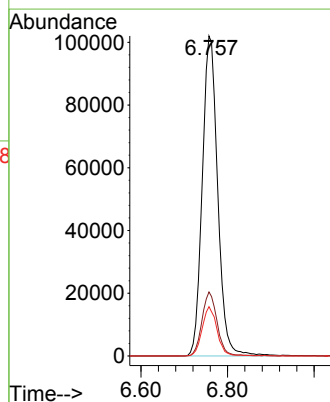
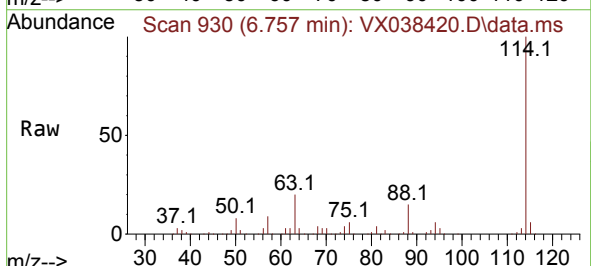
Tgt Ion: 114 Resp: 251992

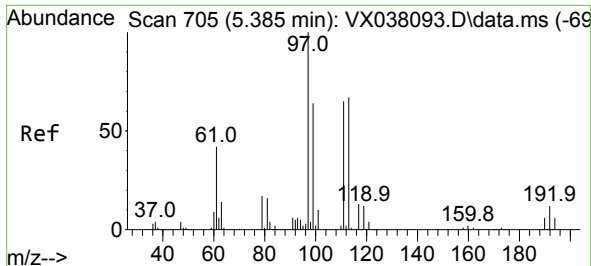
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

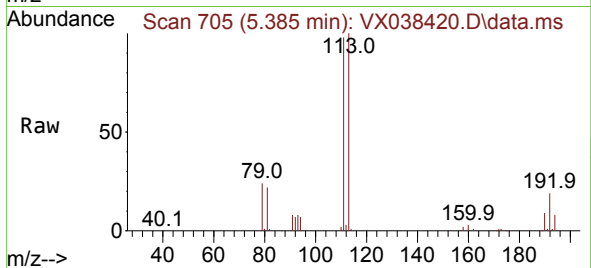
88 15.4 0.0 36.6



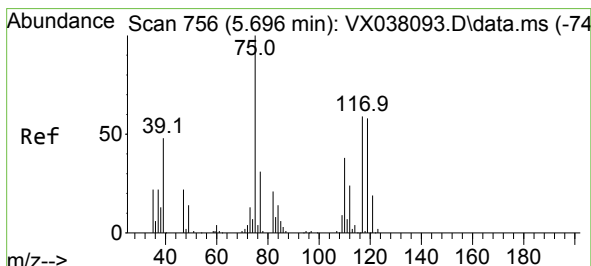
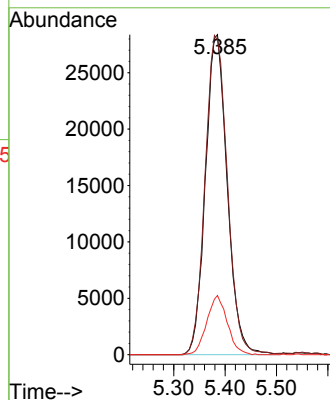
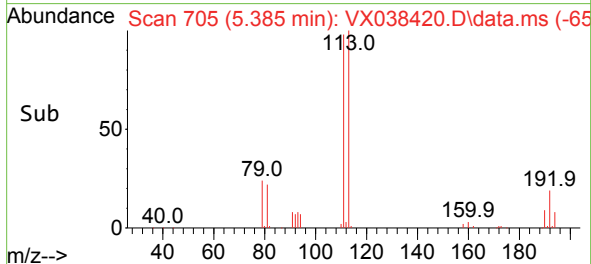


#35
Dibromofluoromethane
Concen: 45.978 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

Instrument :
MSVOA_X
ClientSampleId :

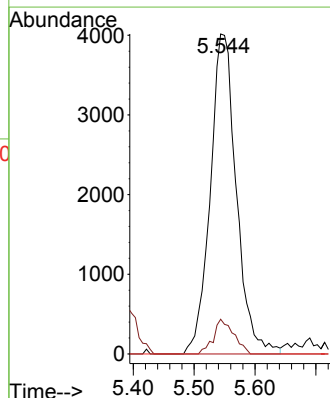
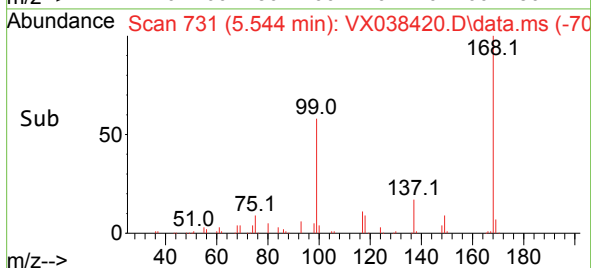
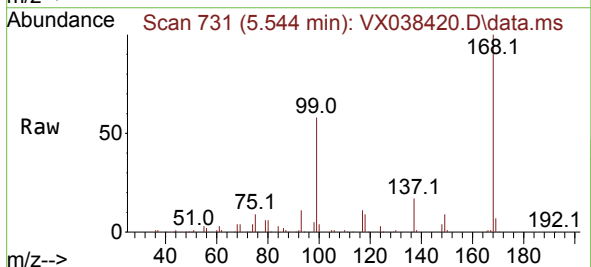


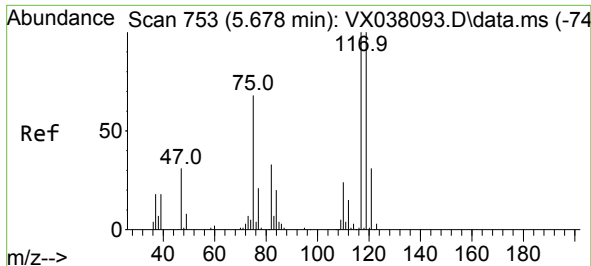
Tgt Ion:113 Resp: 83485
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 17.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.779 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

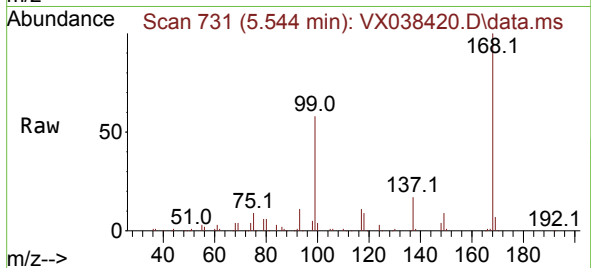
Tgt Ion: 75 Resp: 11966
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



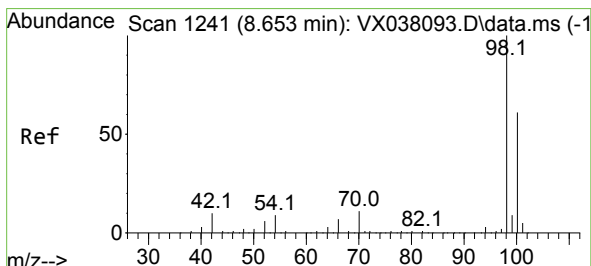
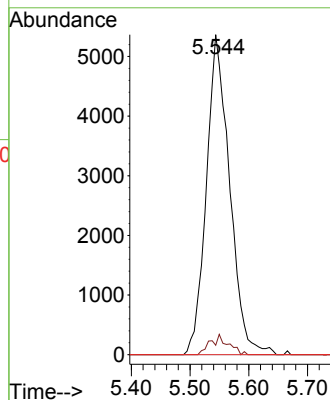
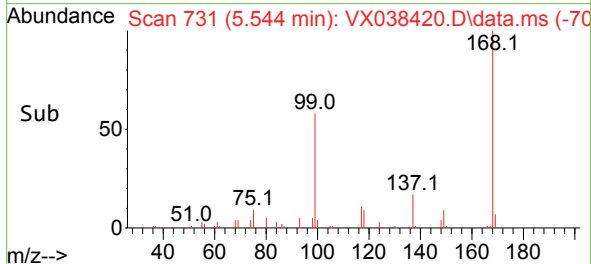


#38
Carbon Tetrachloride
Concen: 6.002 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

Instrument :
MSVOA_X
ClientSampleId :

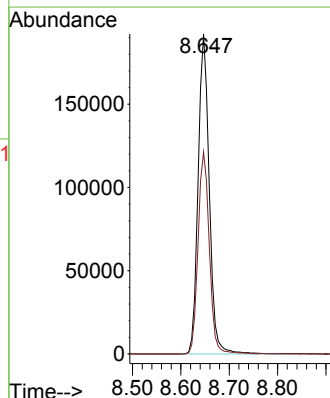
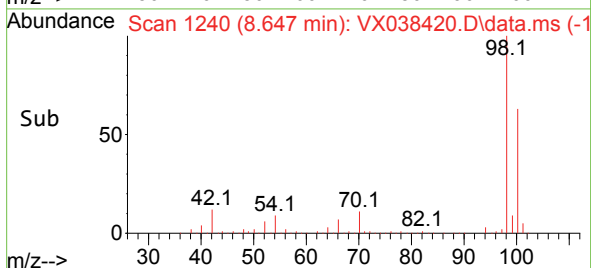
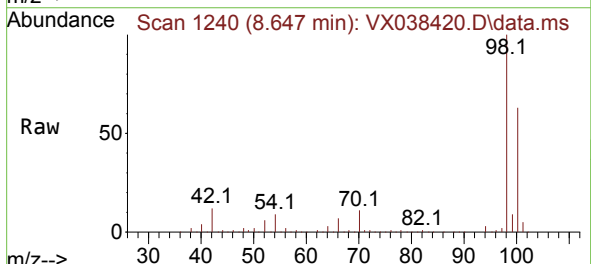


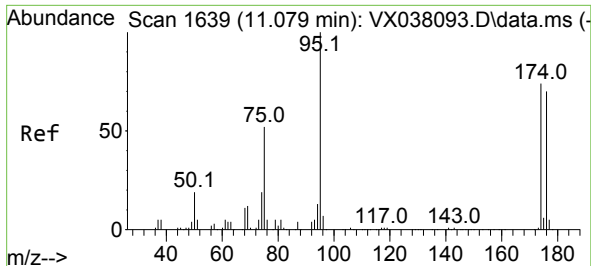
Tgt Ion:117 Resp: 14784
Ion Ratio Lower Upper
117 100
119 3.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.121 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 98 Resp: 306135
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

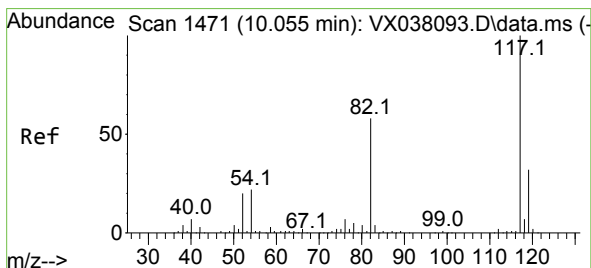
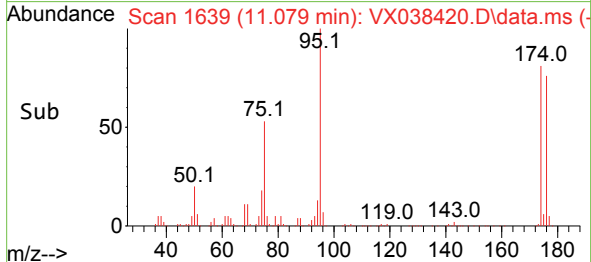
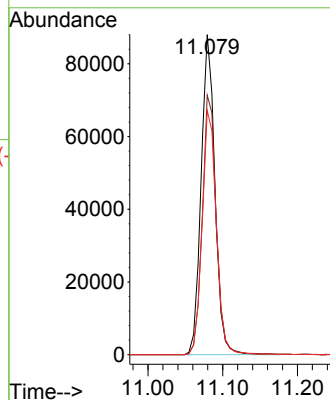
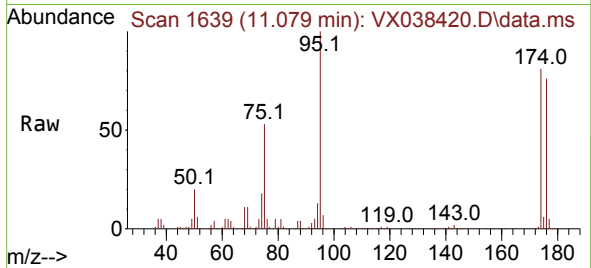




#62
4-Bromofluorobenzene
Concen: 42.896 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

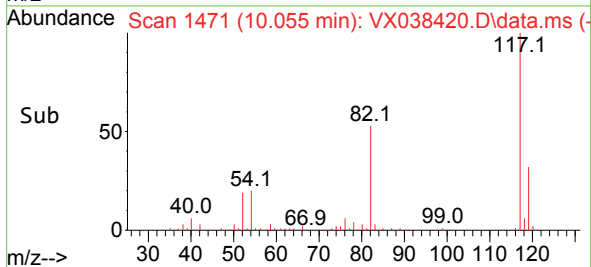
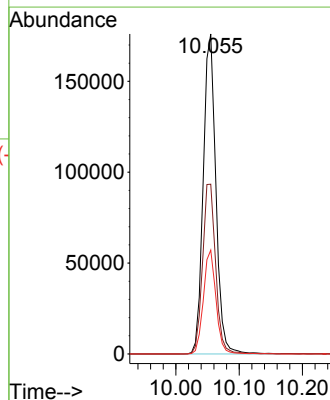
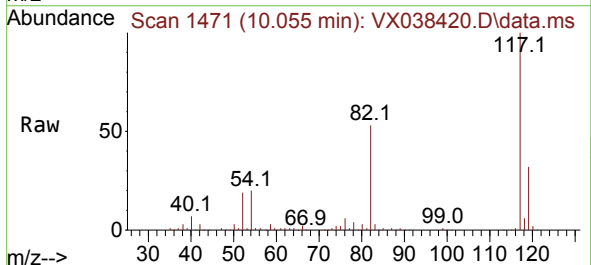
Instrument :
MSVOA_X
ClientSampleId :

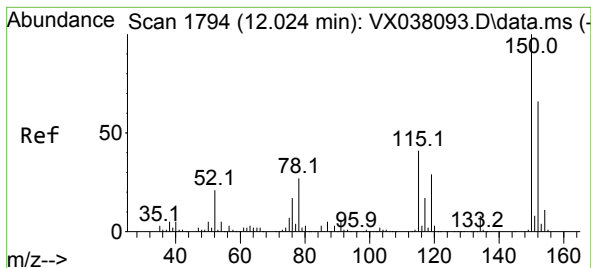
Tgt Ion: 95 Resp: 112836
Ion Ratio Lower Upper
95 100
174 82.1 0.0 135.6
176 78.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 117 Resp: 245699
Ion Ratio Lower Upper
117 100
82 53.1 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# 1

Delta R.T. 0.000 min

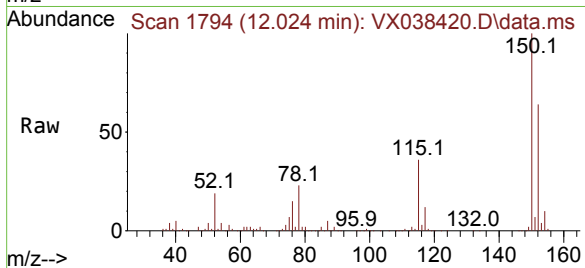
Lab File: VX038420.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_X

ClientSampleId :



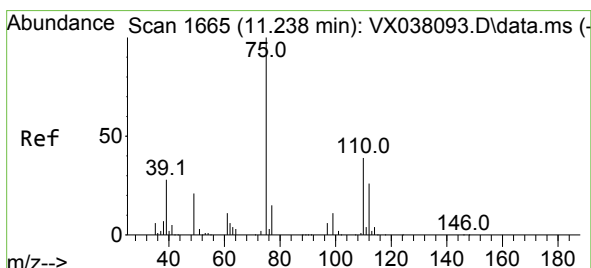
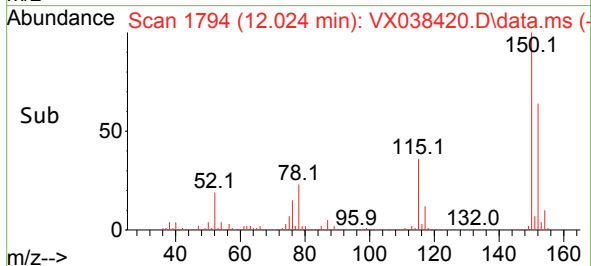
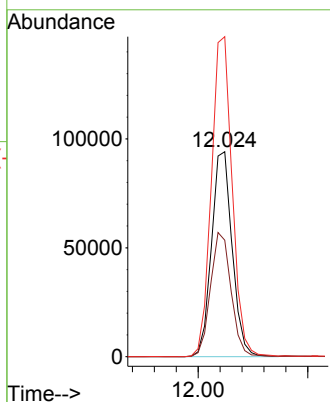
Tgt Ion:152 Resp: 123394

Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 157.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.649 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038420.D

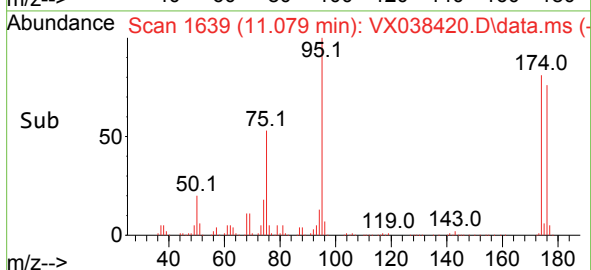
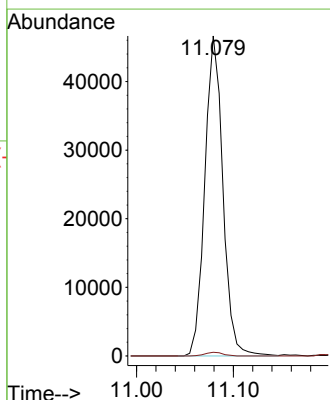
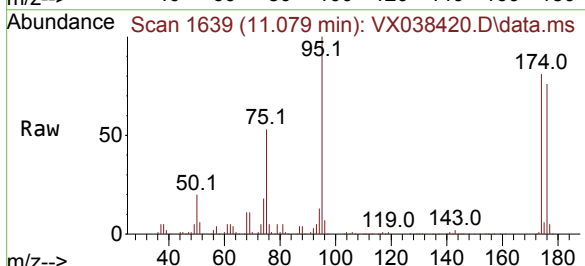
Acq: 23 Oct 2023 10:25

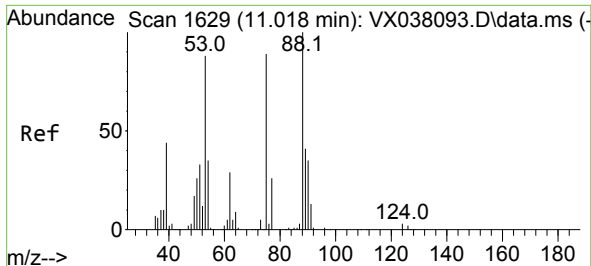
Tgt Ion: 75 Resp: 60729

Ion Ratio Lower Upper

75 100

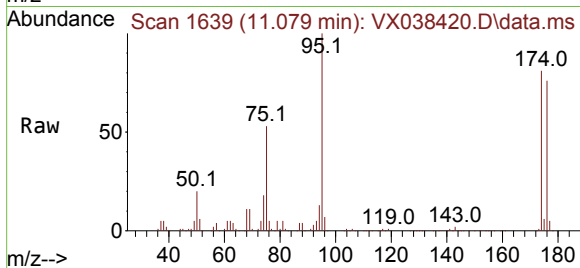
77 1.1 19.1 57.5#



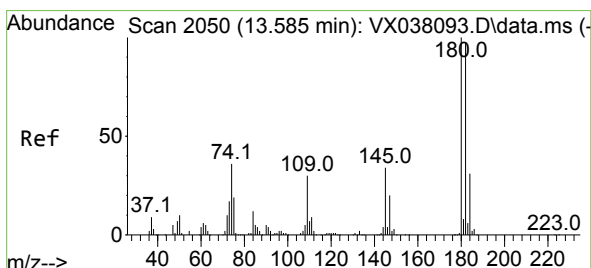
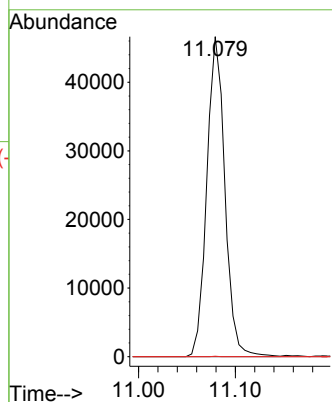
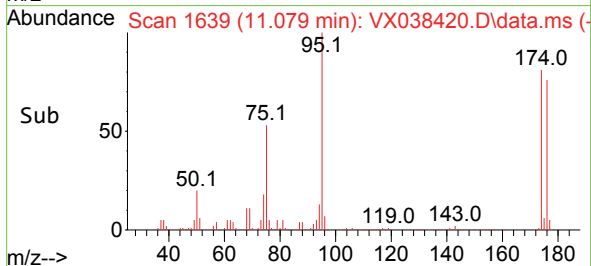


#81
trans-1,4-Dichloro-2-butene
Concen: 62.147 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

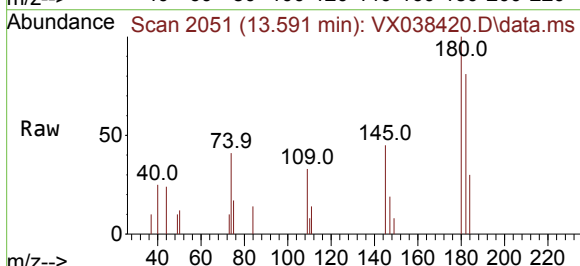
Instrument :
MSVOA_X
ClientSampleId :



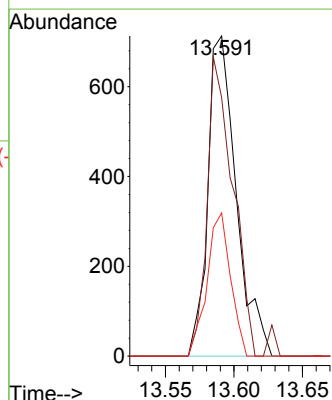
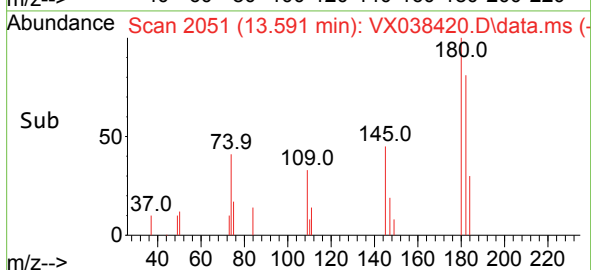
Tgt Ion: 75 Resp: 60729
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

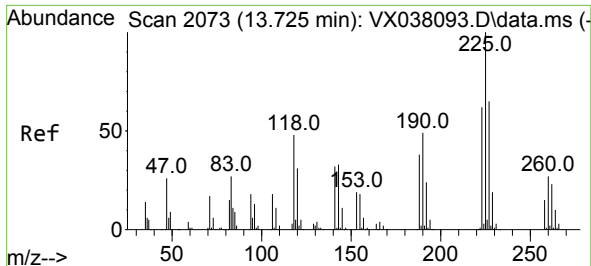


#93
1,2,4-Trichlorobenzene
Concen: 0.393 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25



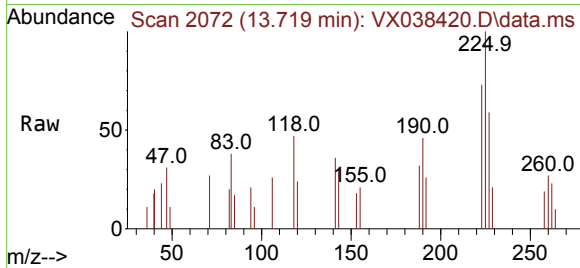
Tgt Ion: 180 Resp: 1027
Ion Ratio Lower Upper
180 100
182 84.8 48.3 144.8
145 37.2 18.0 54.0



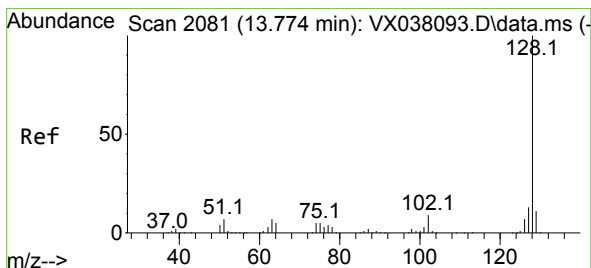
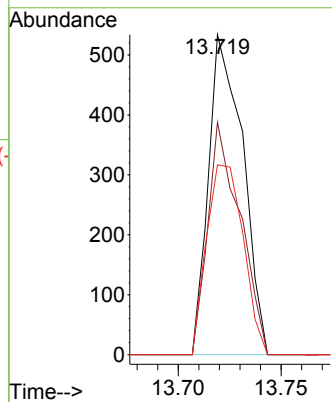
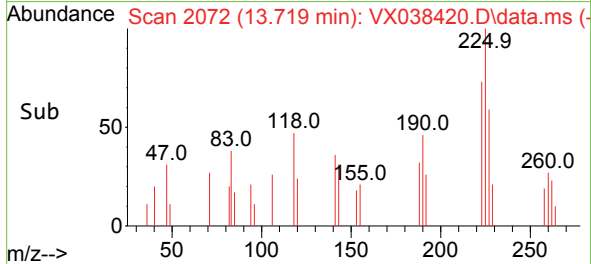


#94
Hexachlorobutadiene
Concen: 0.586 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25

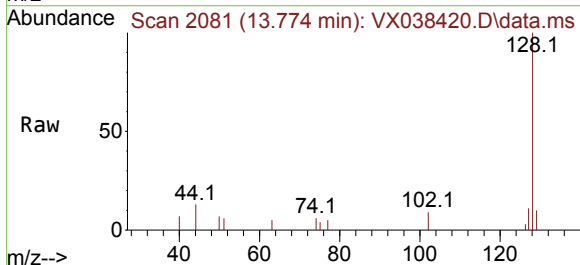
Instrument :
MSVOA_X
ClientSampleId :



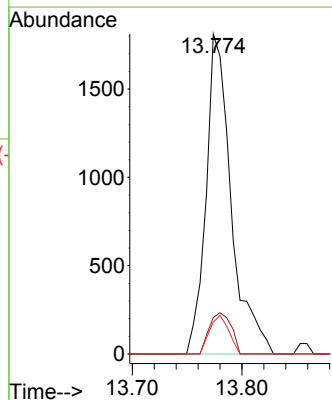
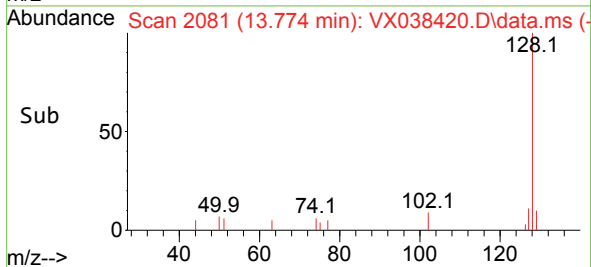
Tgt Ion:225 Resp: 617
Ion Ratio Lower Upper
225 100
223 68.4 31.1 93.2
227 63.5 32.5 97.5

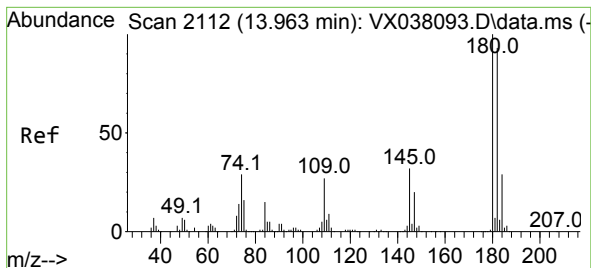


#95
Naphthalene
Concen: 0.318 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038420.D
Acq: 23 Oct 2023 10:25



Tgt Ion:128 Resp: 2893
Ion Ratio Lower Upper
128 100
127 11.3 10.3 15.5
129 9.2 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.375 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

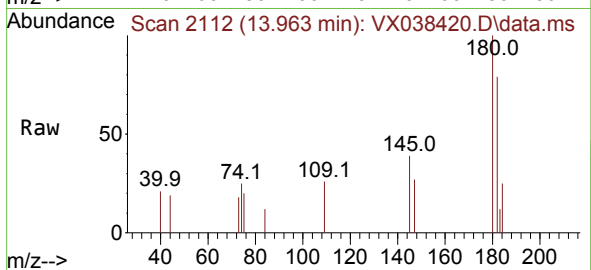
Lab File: VX038420.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 949

Ion Ratio Lower Upper

180 100

182 96.5 46.9 140.6

145 34.7 17.8 53.5

