

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038223.D
 Acq On : 11 Oct 2023 12:50
 Operator : JC/MD
 Sample : 04788-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:43:08 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

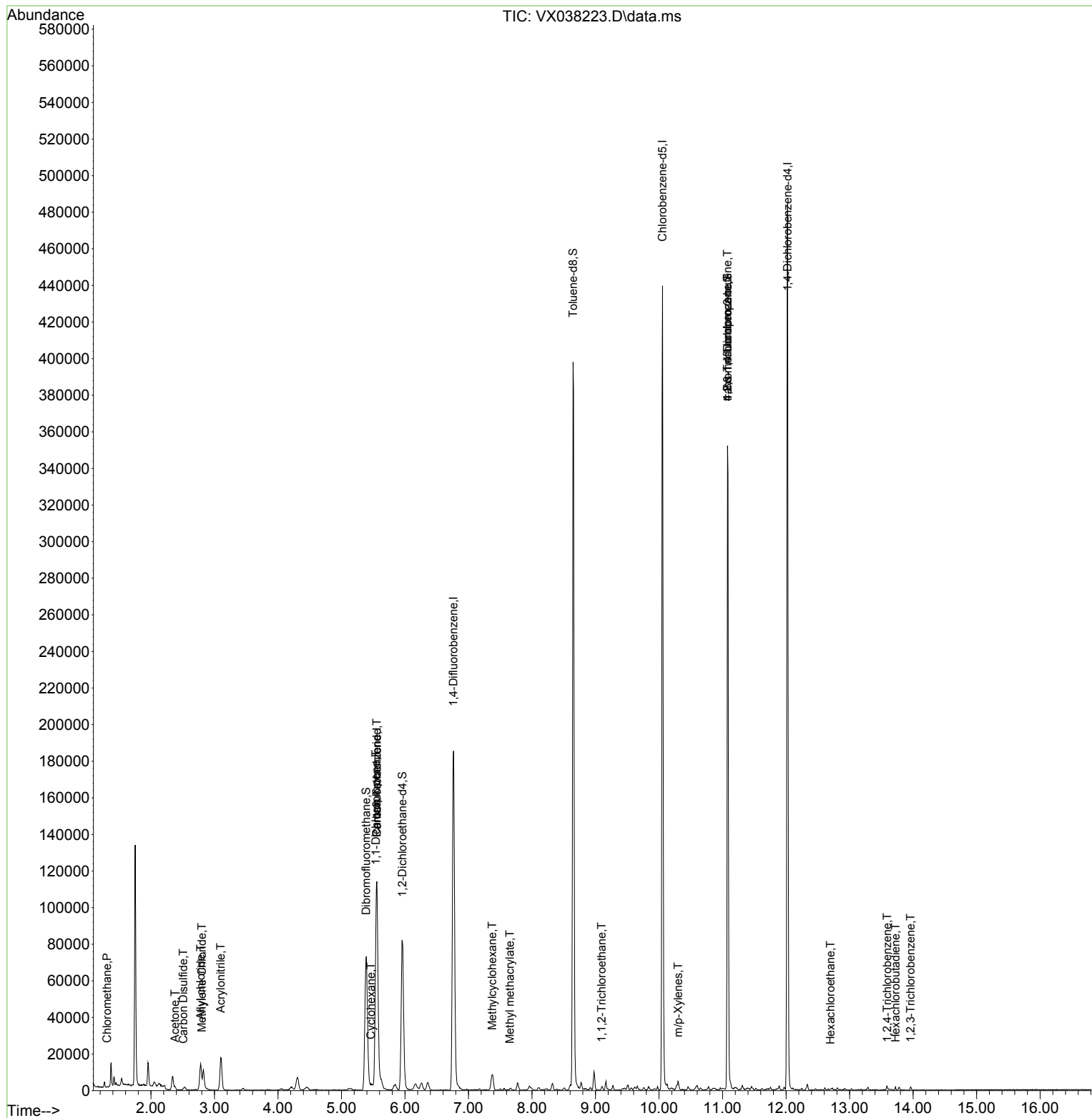
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	106205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79338	46.444	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.880%
35) Dibromofluoromethane	5.385	113	62220	45.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.180%
50) Toluene-d8	8.647	98	240856	45.678	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.360%#
62) 4-Bromofluorobenzene	11.079	95	90925	45.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	271	0.259	ug/l #	76
5) Bromomethane	1.611	94	79	Below Cal	#	3
6) Chloroethane	1.678	64	98	Below Cal	#	43
14) Allyl chloride	2.782	41	4639	2.669	ug/l #	72
15) Acrylonitrile	3.099	53	753	0.969	ug/l #	39
16) Acetone	2.380	43	1727	2.422	ug/l #	87
17) Carbon Disulfide	2.508	76	905	0.323	ug/l #	76
20) Methylene Chloride	2.800	84	557	0.415	ug/l #	65
31) Cyclohexane	5.464	56	2167	1.171	ug/l #	94
36) 1,1-Dichloropropene	5.544	75	8970	4.714	ug/l #	51
38) Carbon Tetrachloride	5.556	117	11208	5.987	ug/l #	14
39) Methylcyclohexane	7.373	83	3063	1.374	ug/l #	74
48) Methyl methacrylate	7.653	41	364	0.226	ug/l	91
55) 1,1,2-Trichloroethane	9.098	97	656	0.442	ug/l #	17
68) m/p-Xylenes	10.299	106	675	0.245	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	49663	22.134	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49663	63.450	ug/l #	5
90) Hexachloroethane	12.701	117	320	0.324	ug/l #	17
93) 1,2,4-Trichlorobenzene	13.591	180	572	0.273	ug/l	85
94) Hexachlorobutadiene	13.725	225	321	0.381	ug/l	89
96) 1,2,3-Trichlorobenzene	13.963	180	586	0.289	ug/l	92

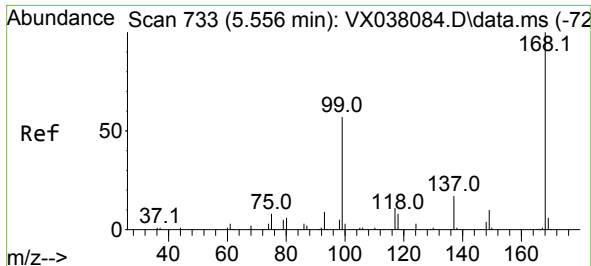
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX038223.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

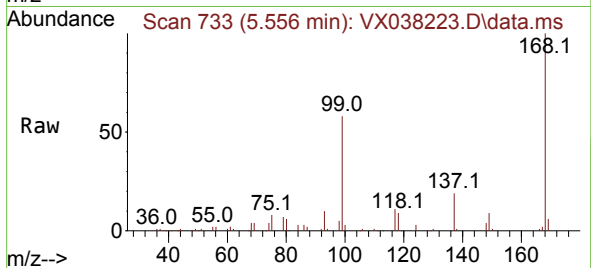
Quant Time: Oct 12 02:43:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



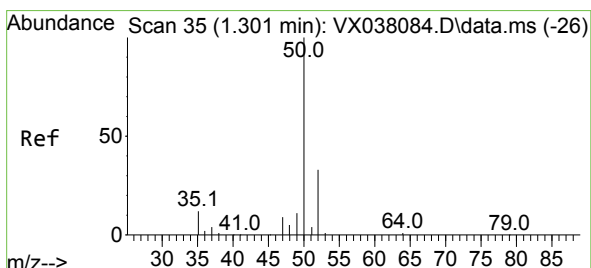
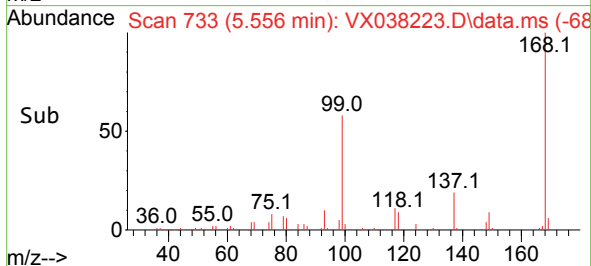
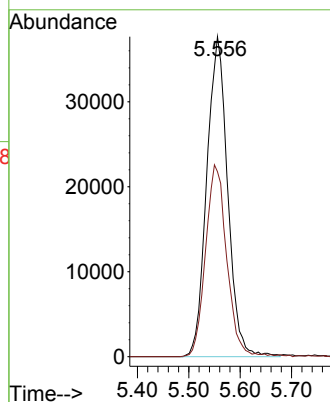


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :

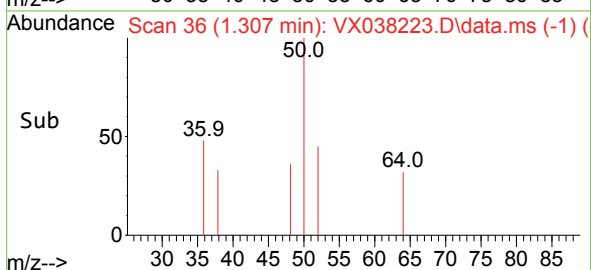
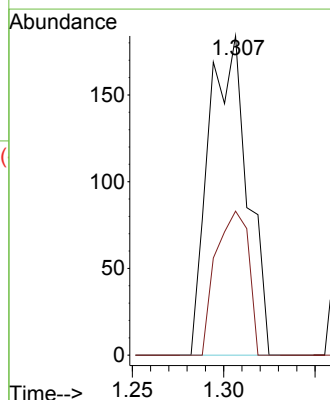
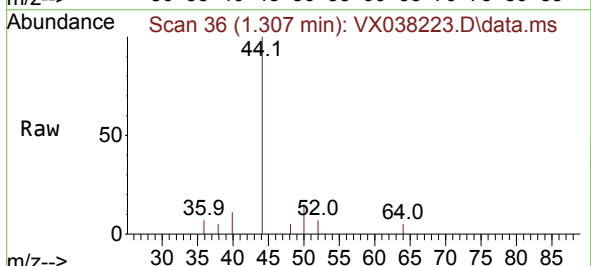


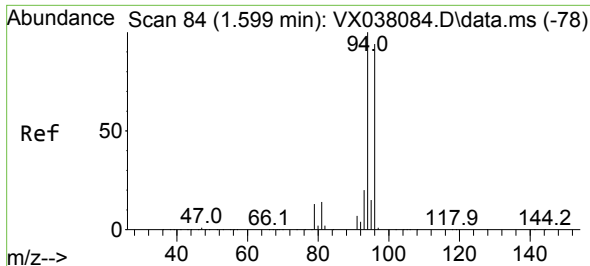
Tgt Ion:168 Resp: 106205
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#3
Chloromethane
Concen: 0.259 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Tgt Ion: 50 Resp: 271
Ion Ratio Lower Upper
50 100
52 45.1 25.5 38.3#

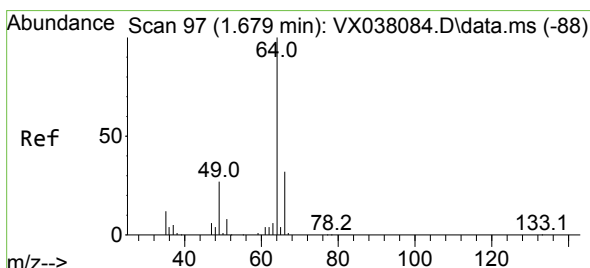
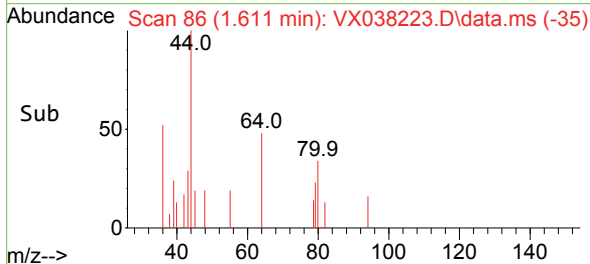
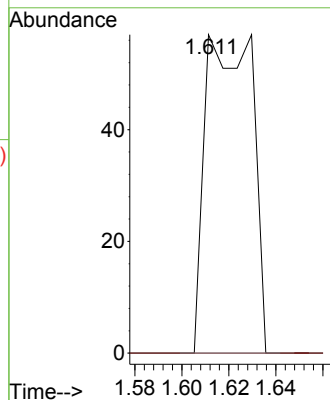
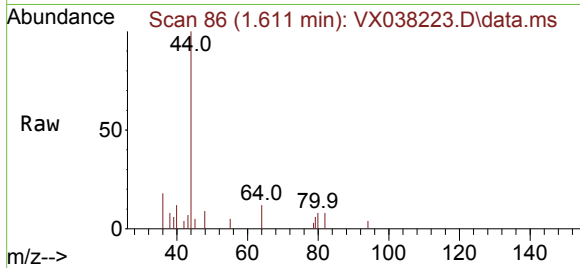




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

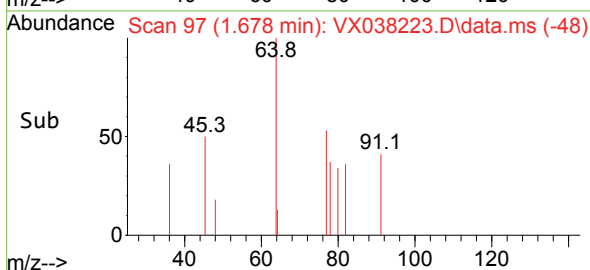
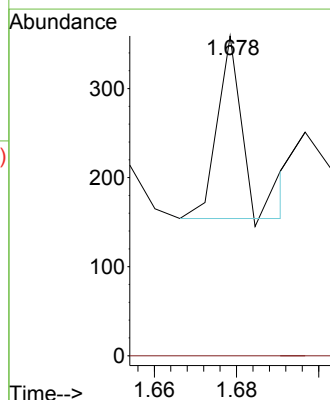
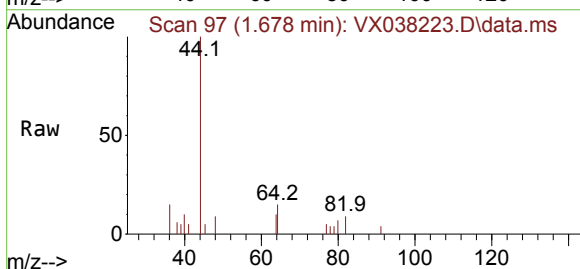
Instrument :
MSVOA_X
ClientSampleId :

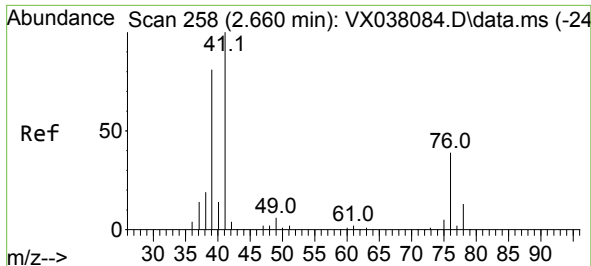
Tgt Ion: 94 Resp: 79
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Tgt Ion: 64 Resp: 98
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#14

Allyl chloride

Concen: 2.669 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.122 min

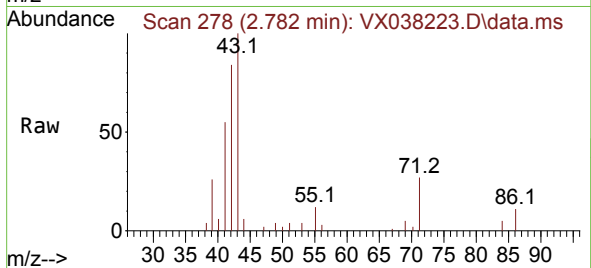
Lab File: VX038223.D

Acq: 11 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :



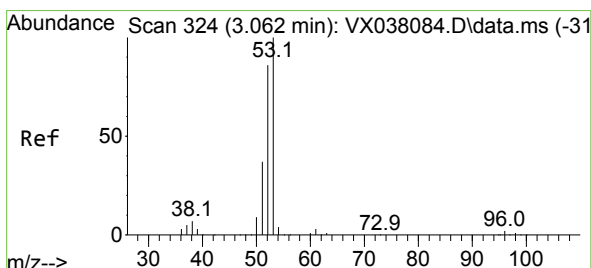
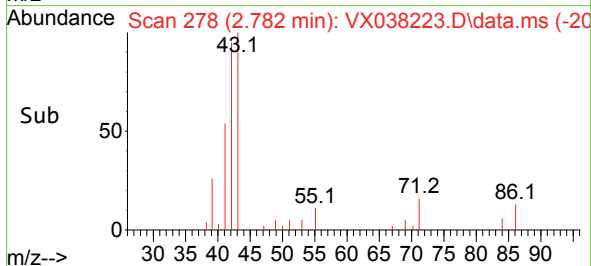
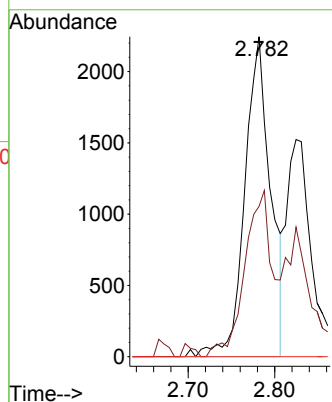
Tgt Ion: 41 Resp: 4639

Ion Ratio Lower Upper

41 100

39 56.4 55.8 83.6

76 0.0 24.3 36.5#



#15

Acrylonitrile

Concen: 0.969 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.037 min

Lab File: VX038223.D

Acq: 11 Oct 2023 12:50

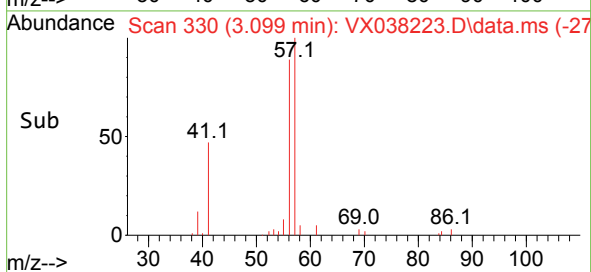
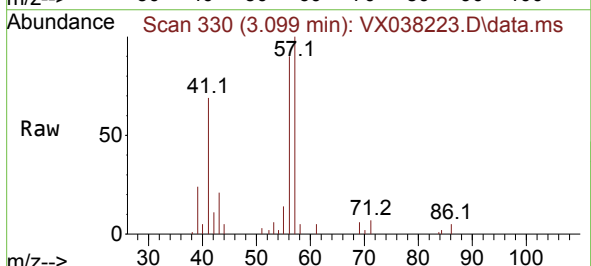
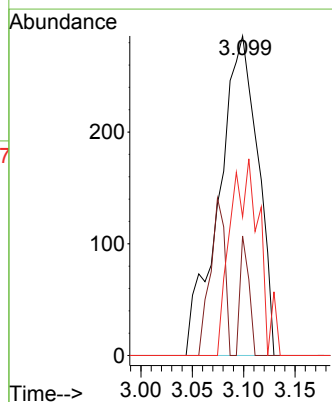
Tgt Ion: 53 Resp: 753

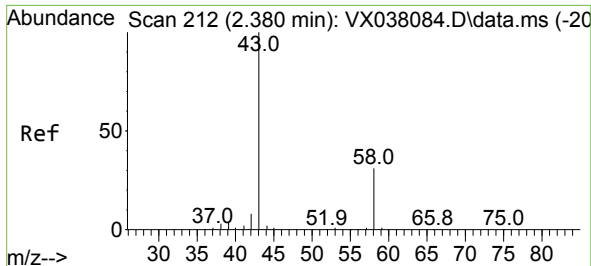
Ion Ratio Lower Upper

53 100

52 8.5 66.0 99.0#

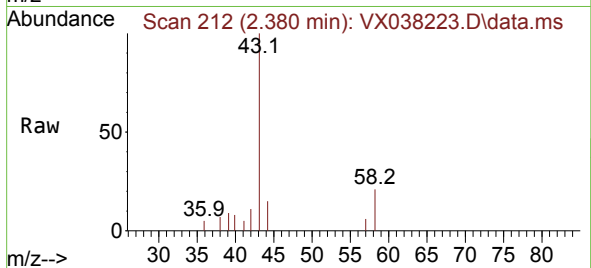
51 46.1 29.8 44.6#



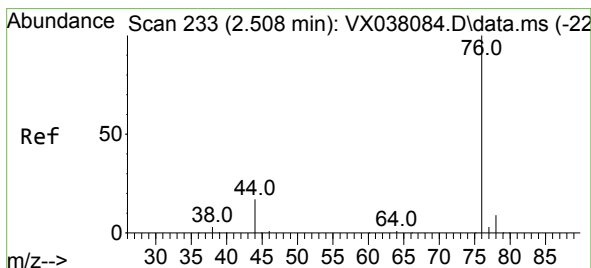
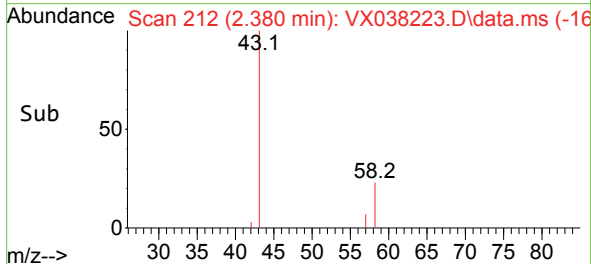
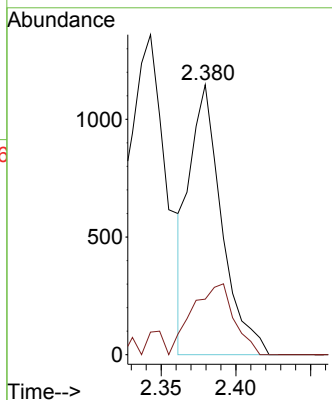


#16
Acetone
Concen: 2.422 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :

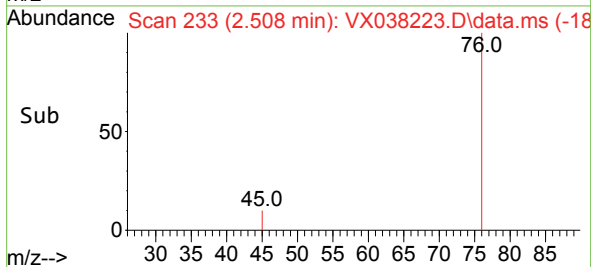
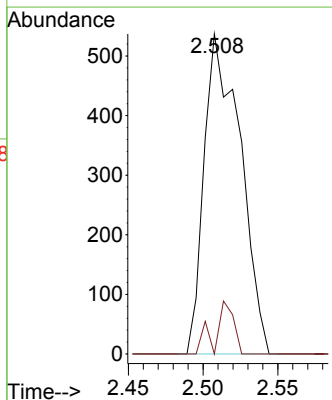
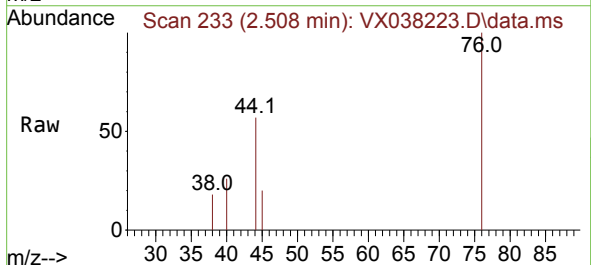


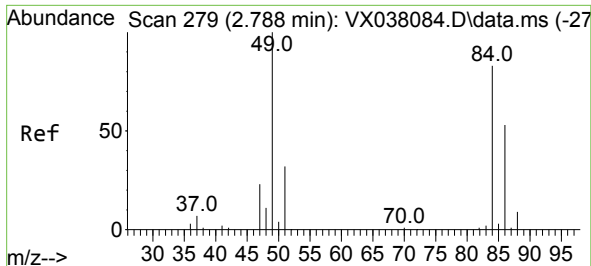
Tgt Ion: 43 Resp: 1727
Ion Ratio Lower Upper
43 100
58 20.6 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.323 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

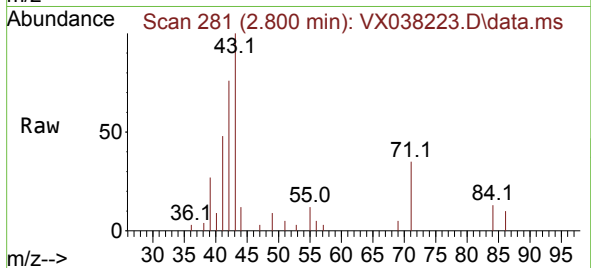
Tgt Ion: 76 Resp: 905
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





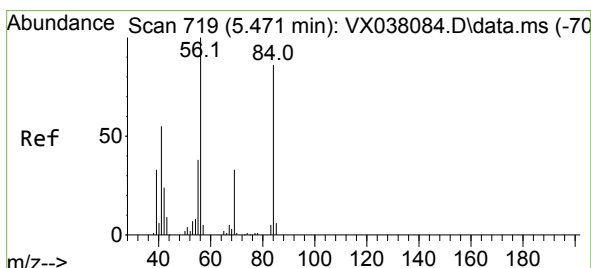
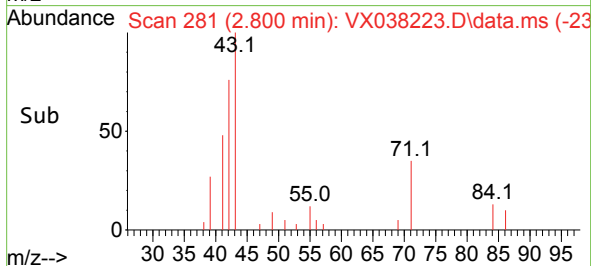
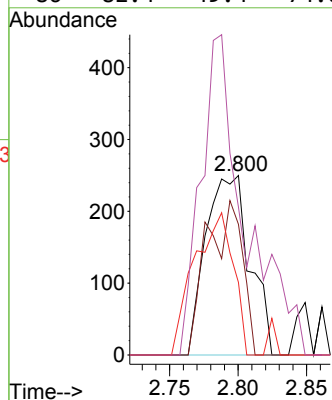
#20
Methylene Chloride
Concen: 0.415 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 557

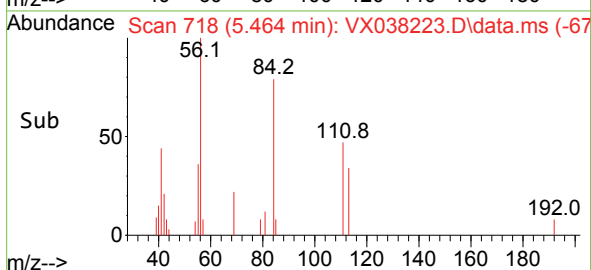
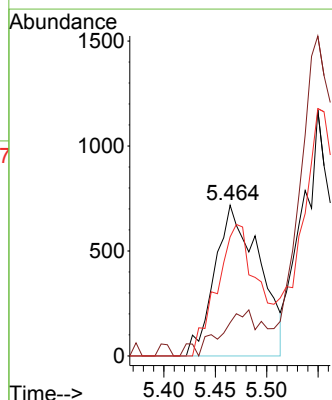
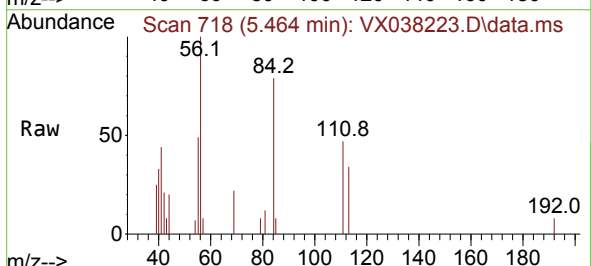
Ion	Ratio	Lower	Upper
84	100		
49	72.8	103.6	155.4#
51	40.4	33.8	50.6
86	82.4	49.4	74.0#

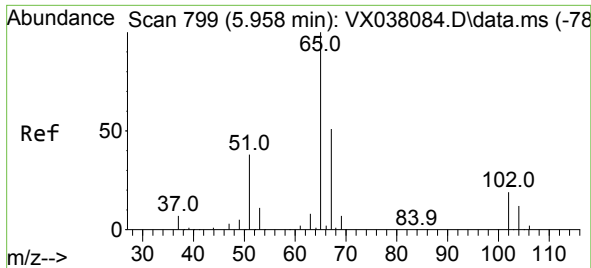


#31
Cyclohexane
Concen: 1.171 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Tgt Ion: 56 Resp: 2167

Ion	Ratio	Lower	Upper
56	100		
69	22.0	23.4	35.2#
84	79.0	65.9	98.9

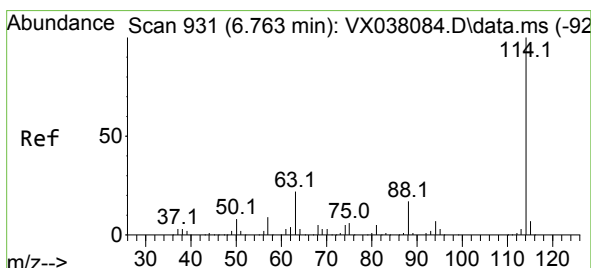
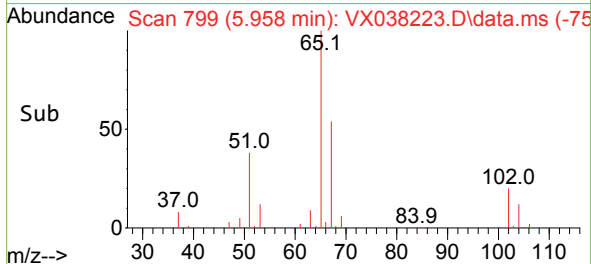
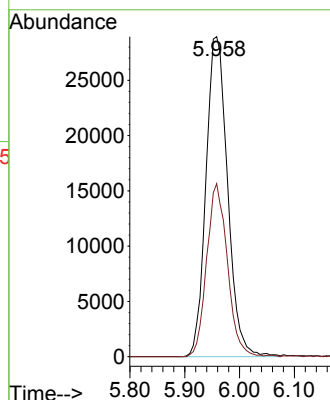
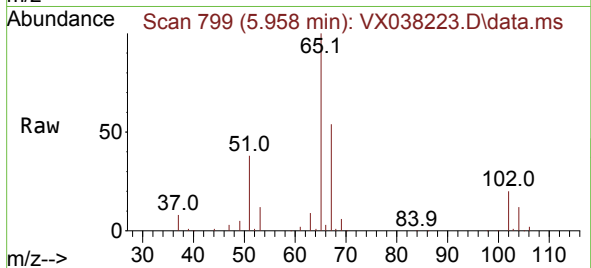




#33
 1,2-Dichloroethane-d4
 Concen: 46.444 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038223.D
 Acq: 11 Oct 2023 12:50

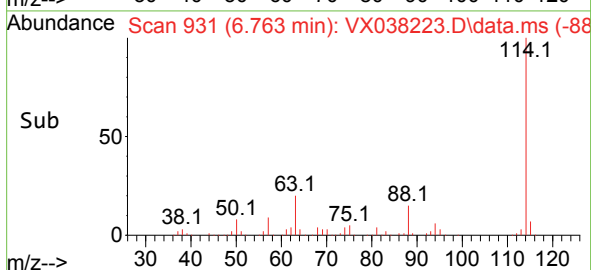
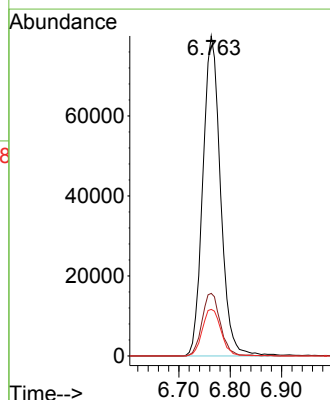
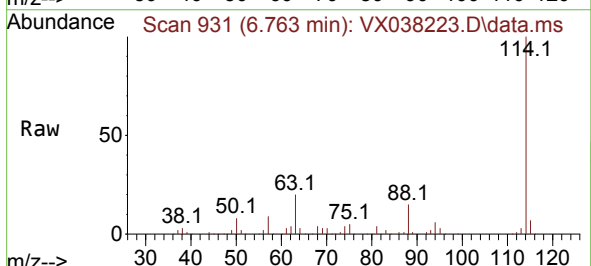
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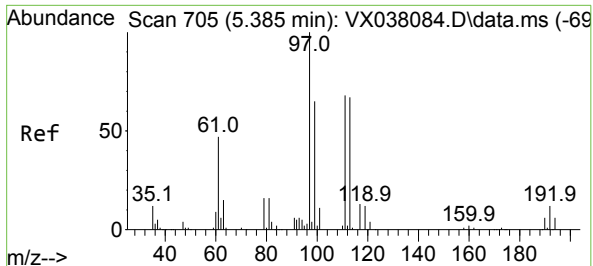
Tgt Ion: 65 Resp: 79338
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038223.D
 Acq: 11 Oct 2023 12:50

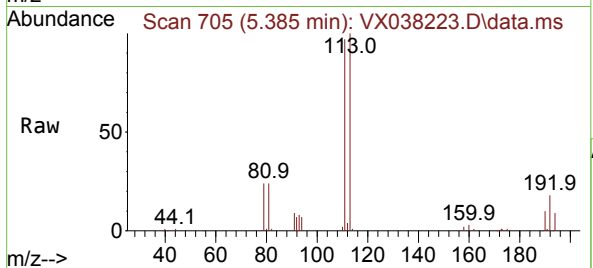
Tgt Ion: 114 Resp: 191501
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.0
 88 14.6 0.0 36.6



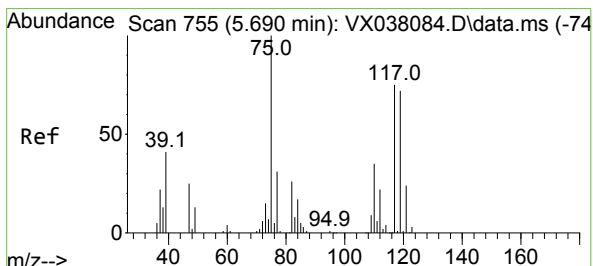
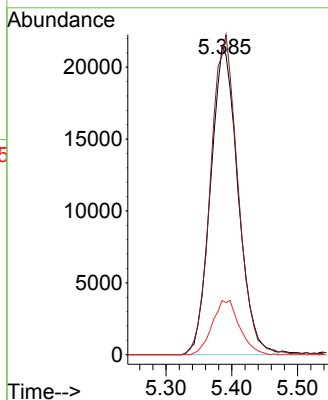
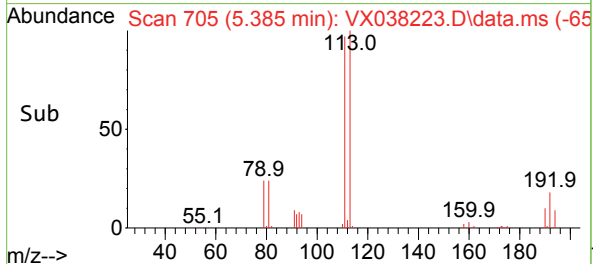


#35
Dibromofluoromethane
Concen: 45.091 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :

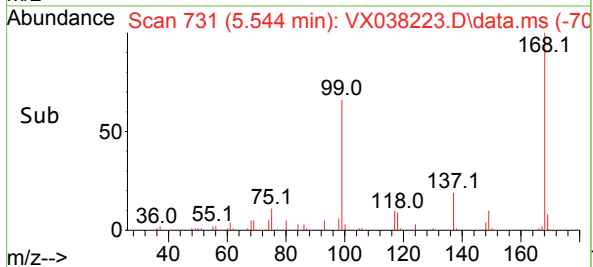
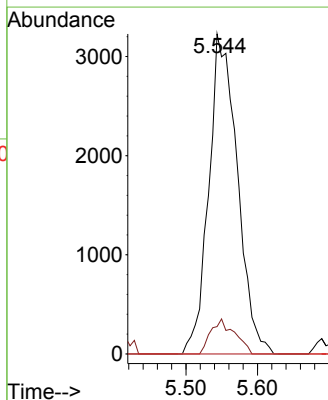
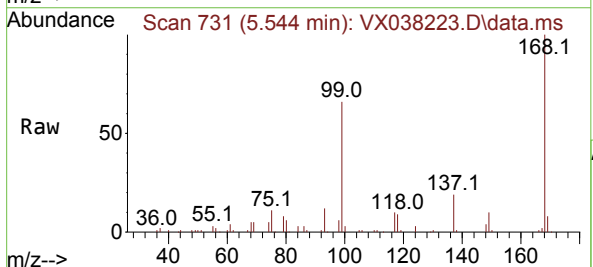


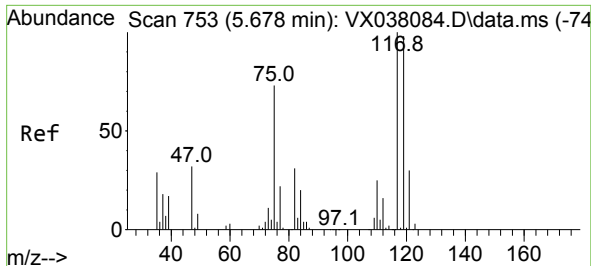
Tgt Ion:113 Resp: 62220
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 17.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

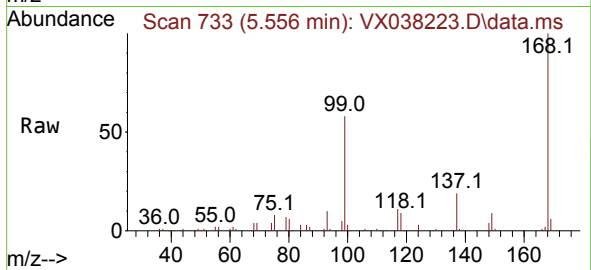
Tgt Ion: 75 Resp: 8970
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



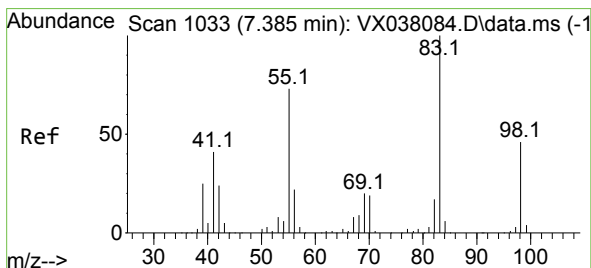
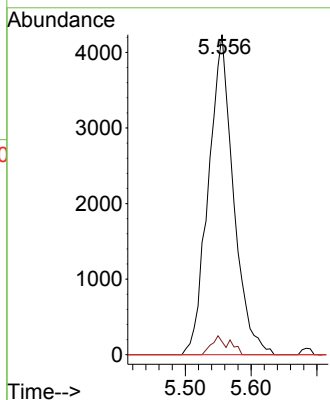
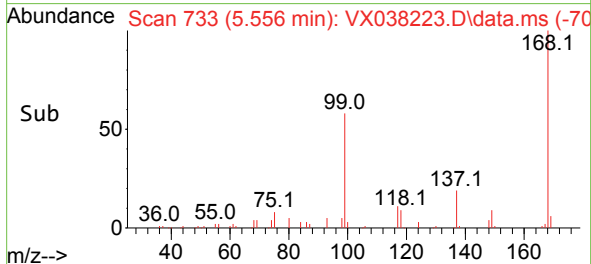


#38
Carbon Tetrachloride
Concen: 5.987 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :

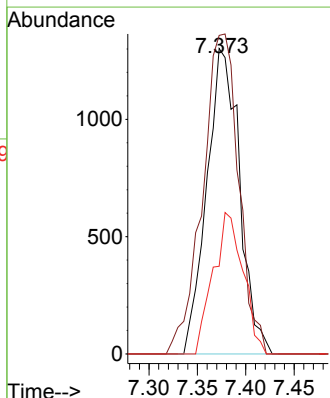
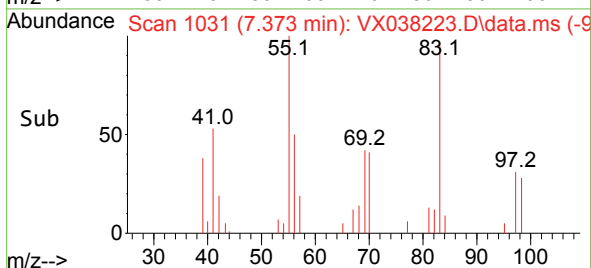
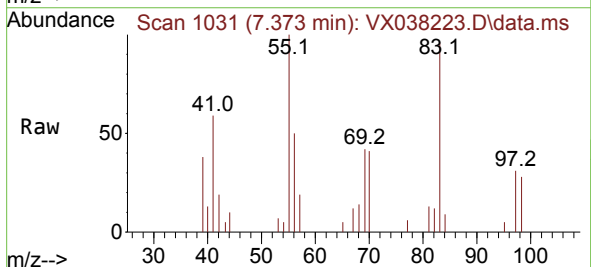


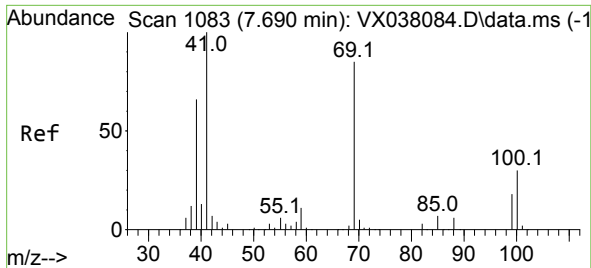
Tgt Ion:117 Resp: 11208
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 1.374 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

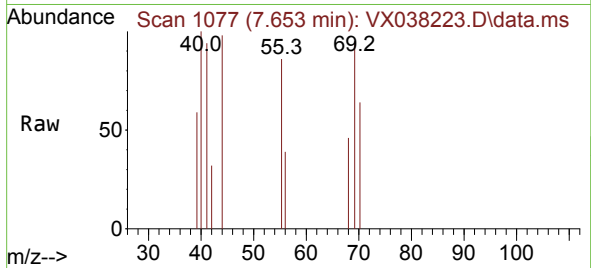
Tgt Ion: 83 Resp: 3063
Ion Ratio Lower Upper
83 100
55 104.3 64.6 97.0#
98 28.7 36.7 55.1#



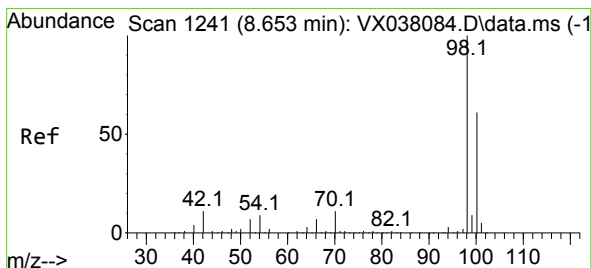
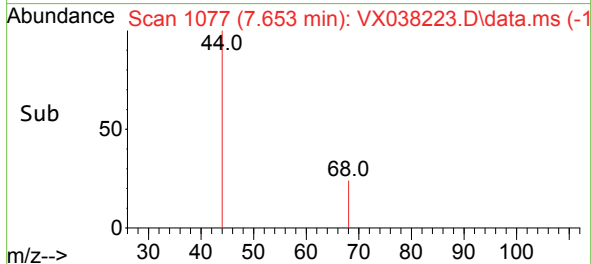
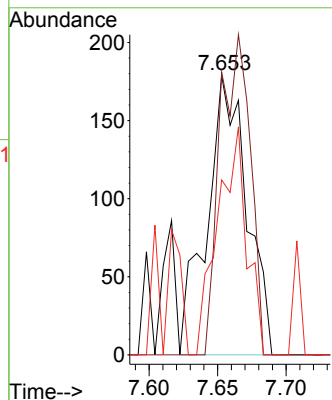


#48
Methyl methacrylate
Concen: 0.226 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.037 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :

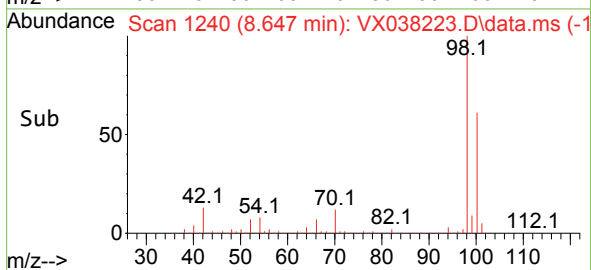
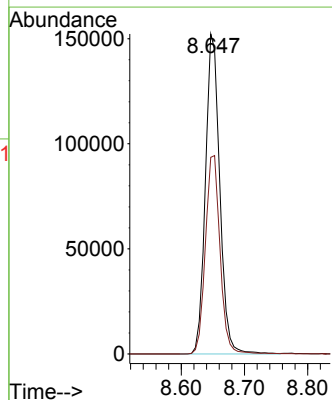
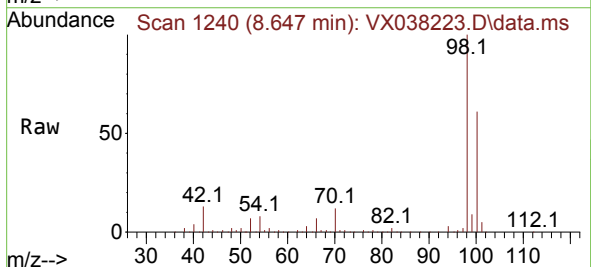


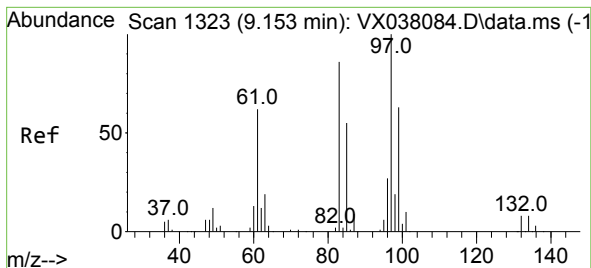
Tgt Ion: 41	Resp: 364		
Ion Ratio	Lower	Upper	
41	100		
69	86.8	59.2	88.8
39	59.3	47.7	71.5



#50
Toluene-d8
Concen: 45.678 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Tgt Ion: 98	Resp: 240856
Ion Ratio	Lower Upper
98 100	
100 63.3	53.1 79.7





#55

1,1,2-Trichloroethane

Concen: 0.442 ug/l

RT: 9.098 min Scan# 1

Delta R.T. -0.055 min

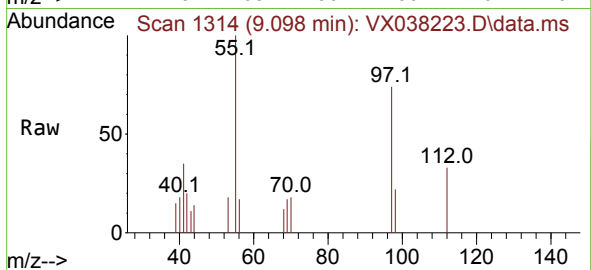
Lab File: VX038223.D

Acq: 11 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 97 Resp: 656

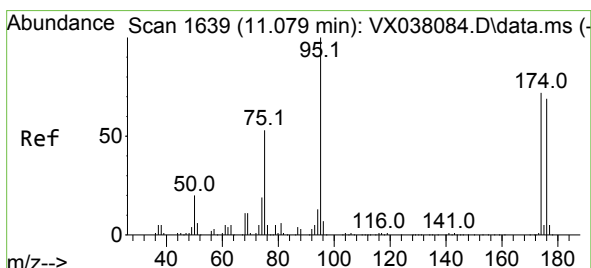
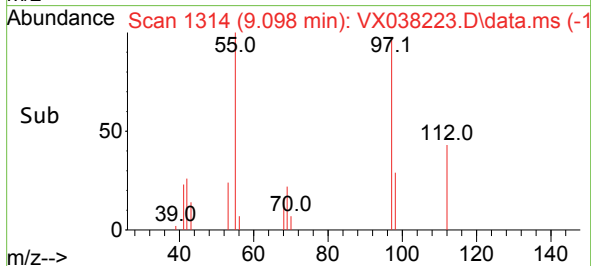
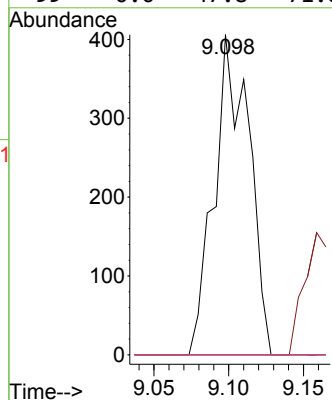
Ion Ratio Lower Upper

97 100

83 0.0 65.8 98.8#

85 0.0 41.6 62.4#

99 0.0 47.8 71.8#



#62

4-Bromofluorobenzene

Concen: 45.485 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038223.D

Acq: 11 Oct 2023 12:50

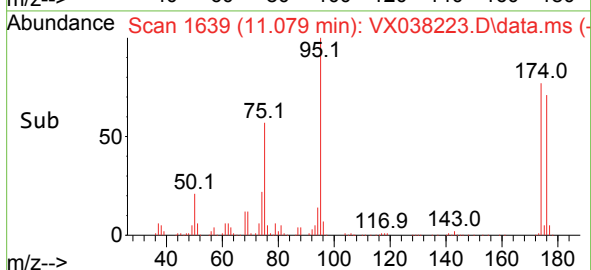
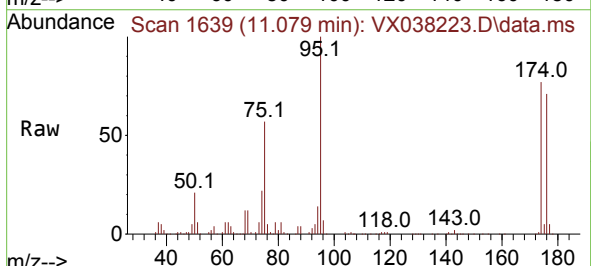
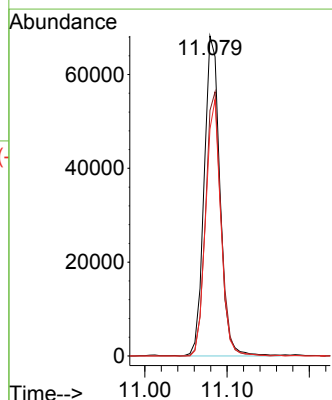
Tgt Ion: 95 Resp: 90925

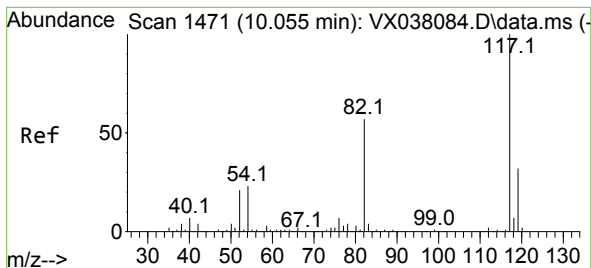
Ion Ratio Lower Upper

95 100

174 81.3 0.0 135.6

176 77.0 0.0 131.0

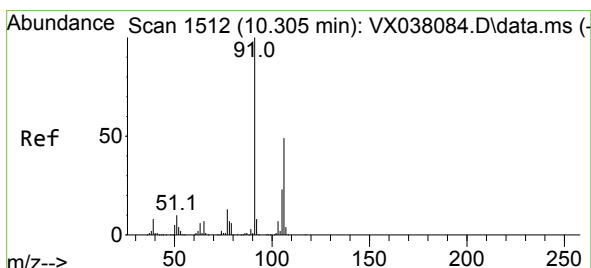
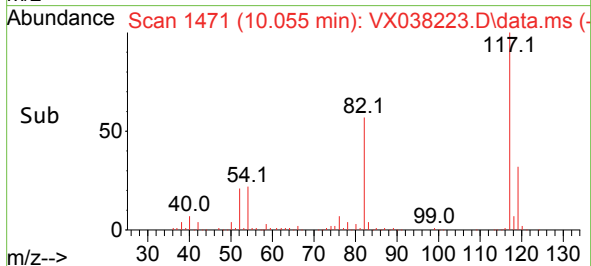
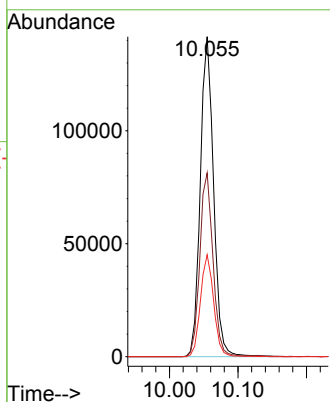
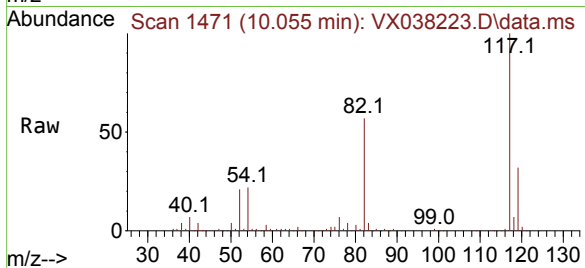




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

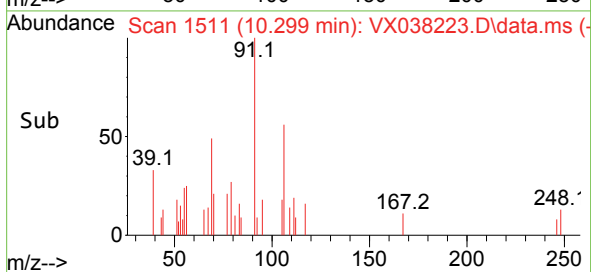
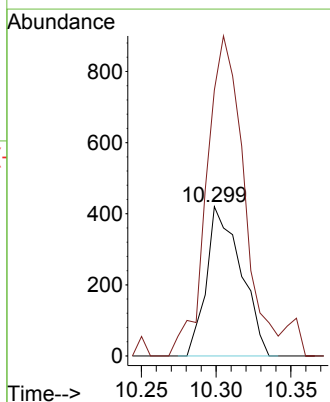
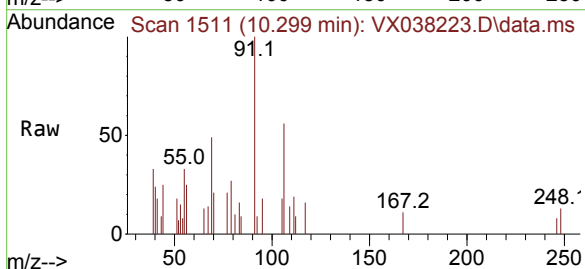
Instrument :
MSVOA_X
ClientSampleId :

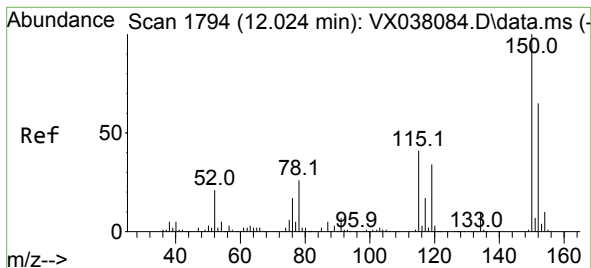
Tgt Ion:117 Resp: 191037
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 0.245 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Tgt Ion:106 Resp: 675
Ion Ratio Lower Upper
106 100
91 230.5 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038223.D

Acq: 11 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

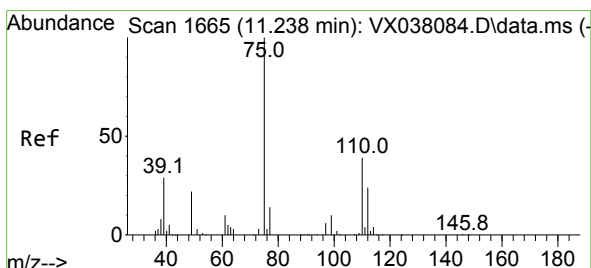
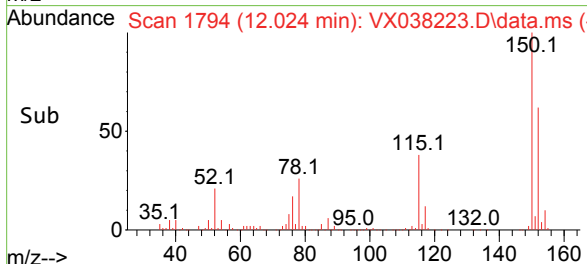
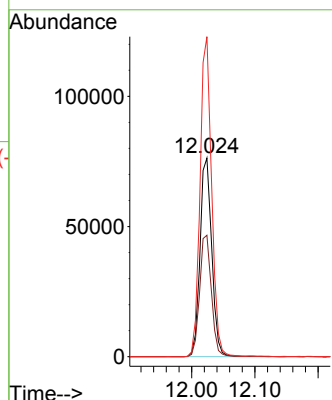
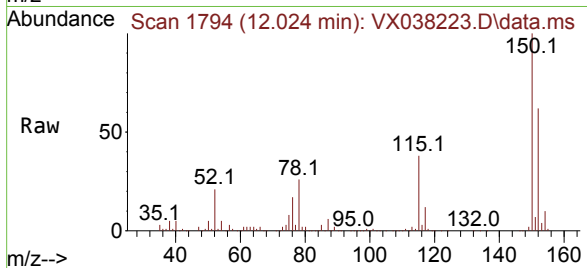
Tgt Ion:152 Resp: 98697

Ion Ratio Lower Upper

152 100

115 61.5 43.3 129.9

150 158.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.134 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038223.D

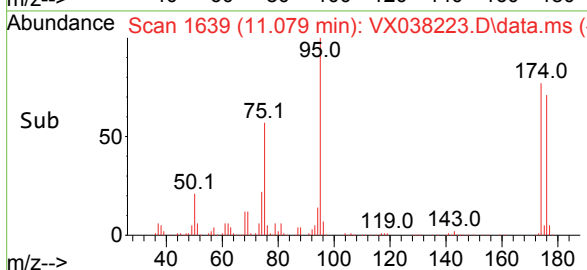
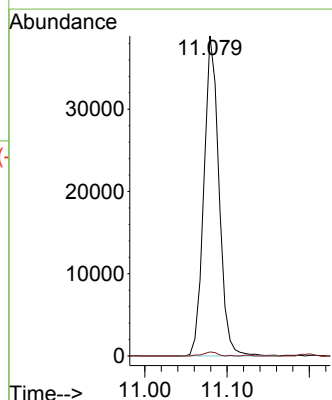
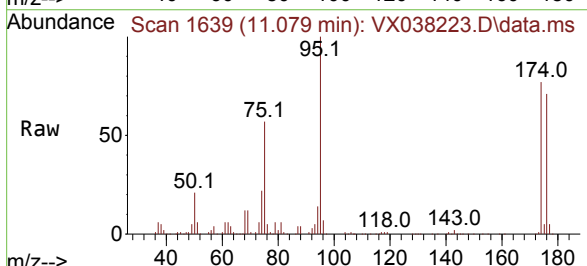
Acq: 11 Oct 2023 12:50

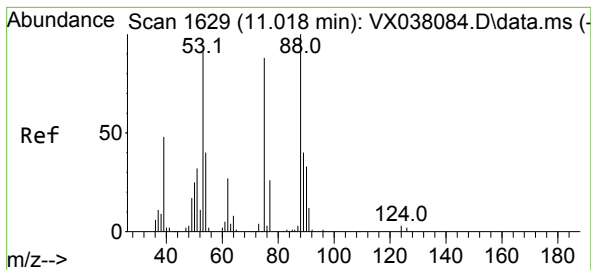
Tgt Ion: 75 Resp: 49663

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

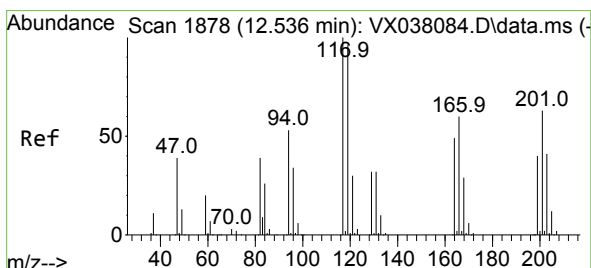
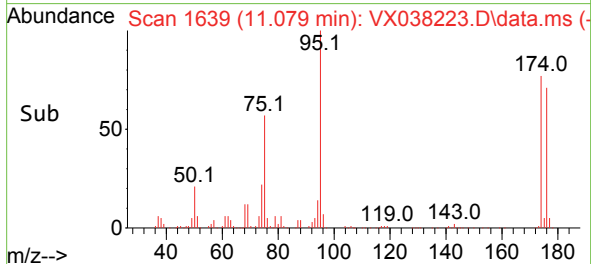
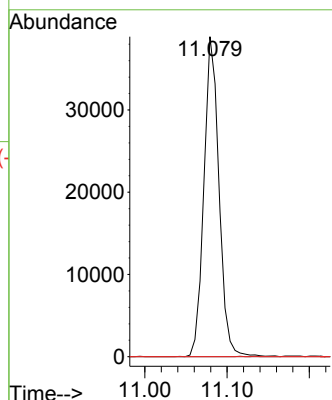
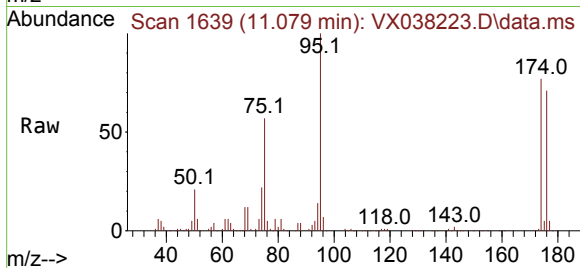




#81
trans-1,4-Dichloro-2-butene
Concen: 63.450 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

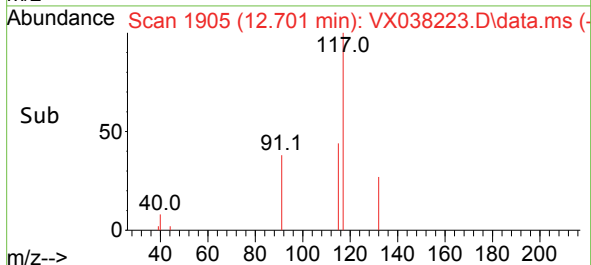
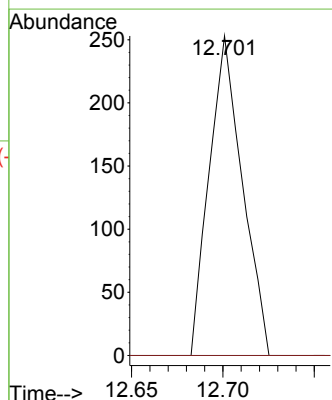
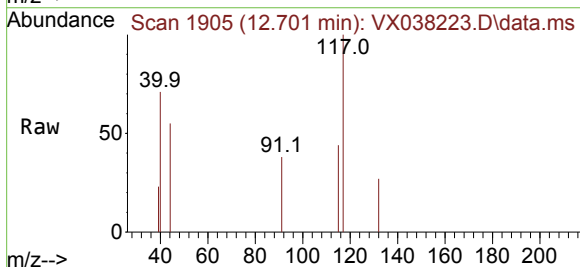
Instrument :
MSVOA_X
ClientSampleId :

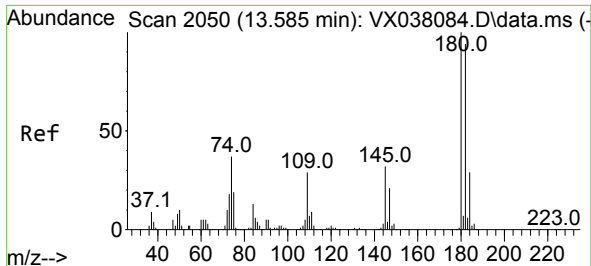
Tgt Ion: 75 Resp: 49663
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#90
Hexachloroethane
Concen: 0.324 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

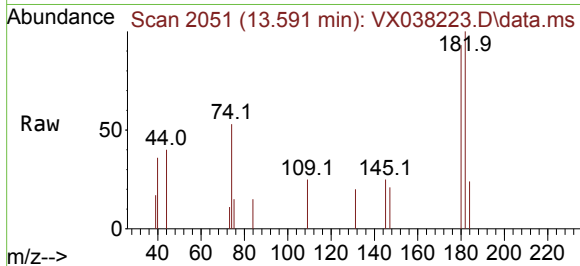
Tgt Ion: 117 Resp: 320
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



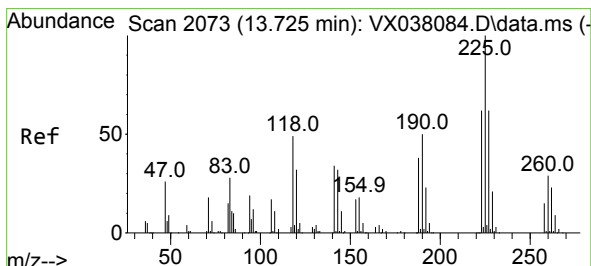
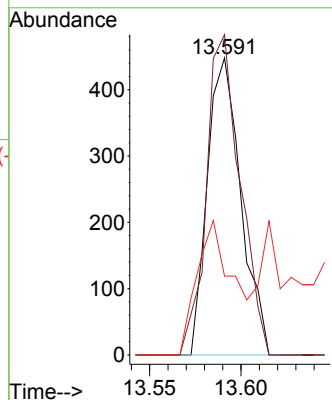
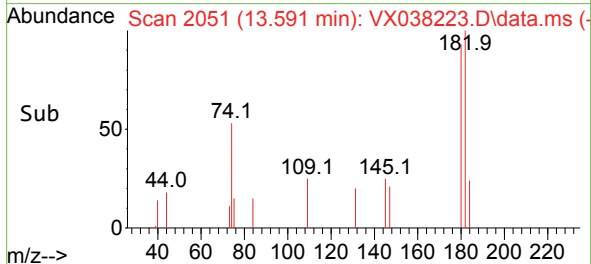


#93
 1,2,4-Trichlorobenzene
 Concen: 0.273 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038223.D
 Acq: 11 Oct 2023 12:50

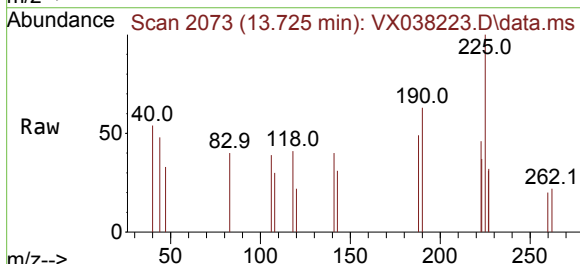
Instrument :
 MSVOA_X
 ClientSampleId :



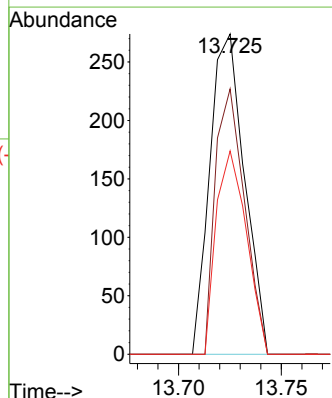
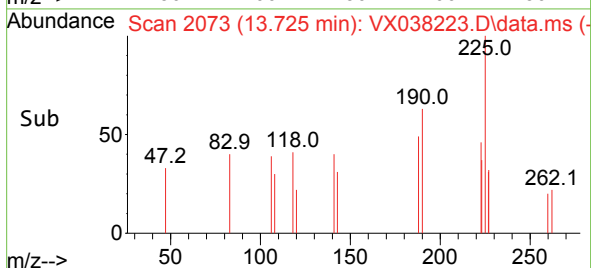
Tgt Ion:180 Resp: 572
 Ion Ratio Lower Upper
 180 100
 182 108.4 48.3 144.8
 145 48.8 18.0 54.0

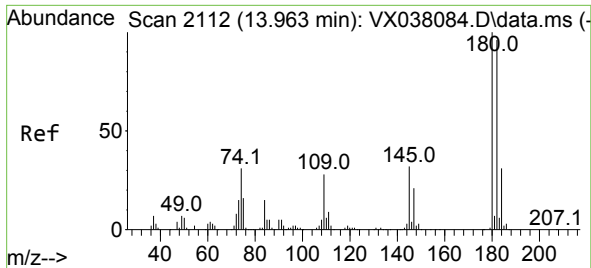


#94
 Hexachlorobutadiene
 Concen: 0.381 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX038223.D
 Acq: 11 Oct 2023 12:50



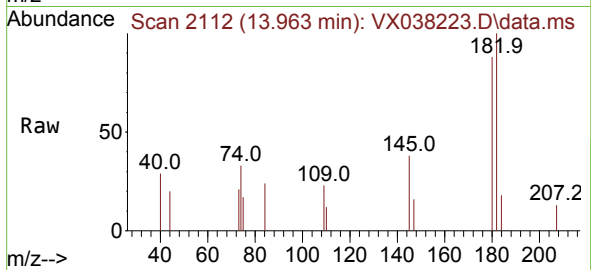
Tgt Ion:225 Resp: 321
 Ion Ratio Lower Upper
 225 100
 223 70.1 31.1 93.2
 227 55.5 32.5 97.5





#96
 1,2,3-Trichlorobenzene
 Concen: 0.289 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX038223.D
 Acq: 11 Oct 2023 12:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	586
Ion Ratio	Lower	Upper	
180	100		
182	91.5	46.9	140.6
145	49.7	17.8	53.5

