

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038723.D
 Acq On : 10 Nov 2023 13:06
 Operator : JC/MD
 Sample : 05241-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 11 01:52:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

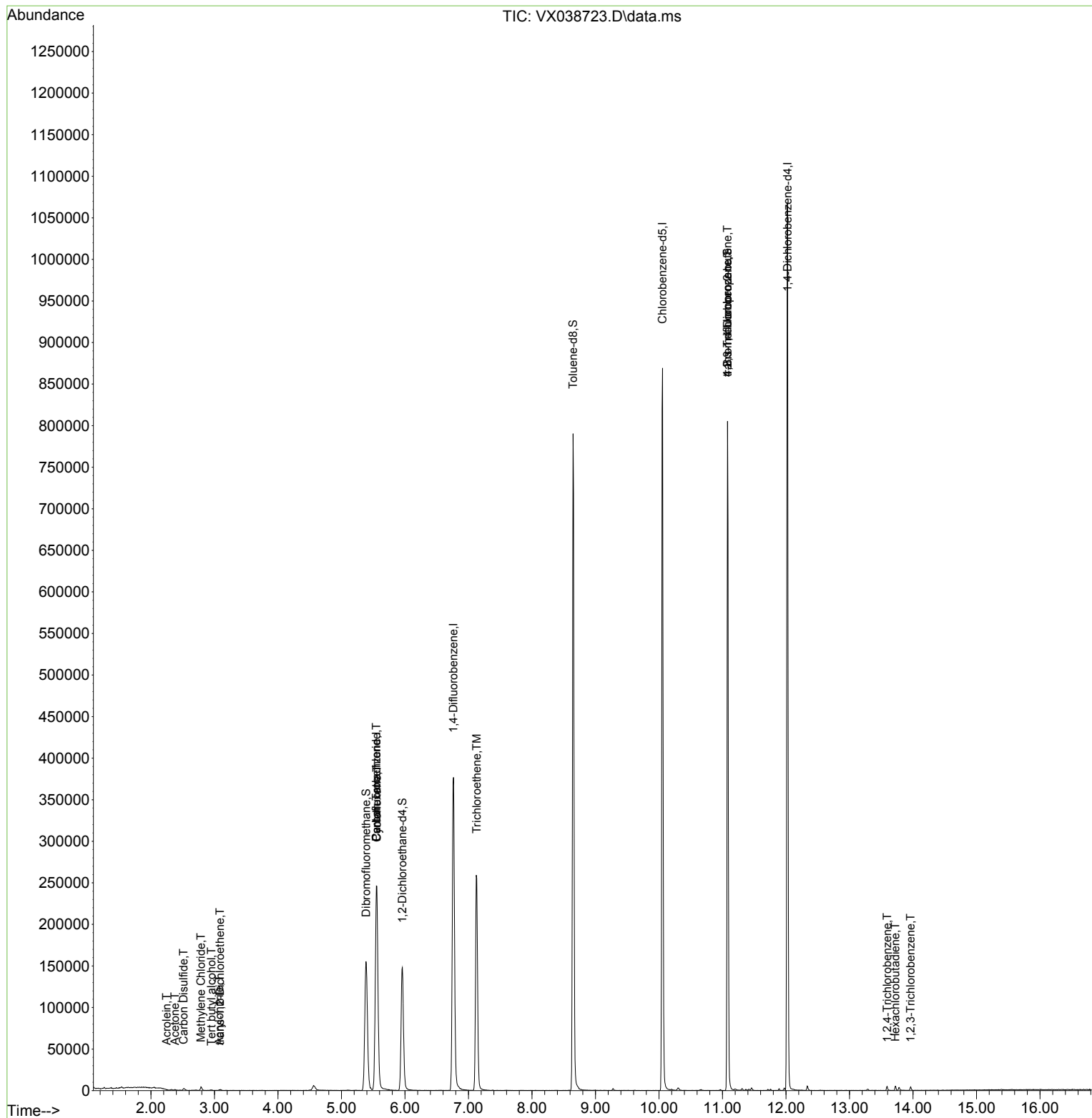
Internal Standards						
1) Pentafluorobenzene	5.550	168	259944	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	429053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	445272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147456	45.564	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.120%		
35) Dibromofluoromethane	5.385	113	141677	45.848	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.700%		
50) Toluene-d8	8.647	98	511750	46.279	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.560%		
62) 4-Bromofluorobenzene	11.079	95	217140	50.648	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.300%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	509	0.769	ug/l	# 78
13) Acrolein	2.246	56	223	0.445	ug/l	# 65
15) Acrylonitrile	3.075	53	444	0.318	ug/l	# 85
16) Acetone	2.380	43	893	0.655	ug/l	# 79
17) Carbon Disulfide	2.514	76	2353	0.365	ug/l	95
20) Methylene Chloride	2.788	84	1887	0.687	ug/l	# 90
21) trans-1,2-Dichloroethene	3.087	96	529	0.200	ug/l	# 27
31) Cyclohexane	5.556	56	4196	1.172	ug/l	# 1
38) Carbon Tetrachloride	5.550	117	24529	5.716	ug/l	# 16
44) Trichloroethene	7.129	130	112110	32.590	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	104534	20.483	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	104534	62.435	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1664	0.287	ug/l	94
94) Hexachlorobutadiene	13.719	225	980	0.392	ug/l	93
96) 1,2,3-Trichlorobenzene	13.963	180	1405	0.246	ug/l	96

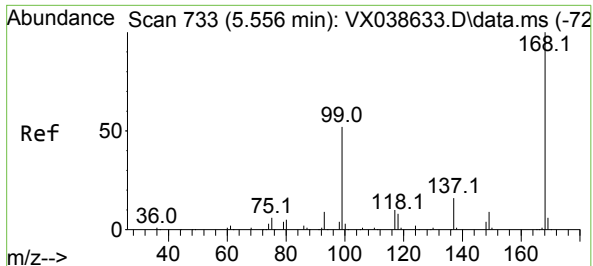
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 11 01:52:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration

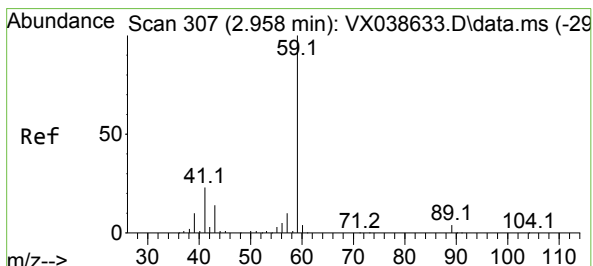
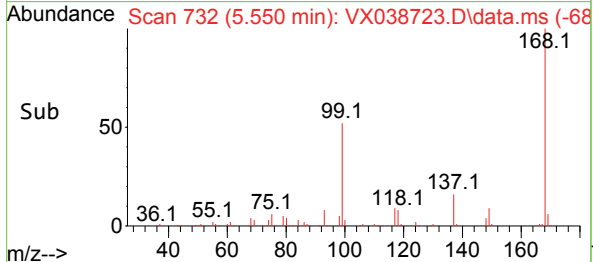
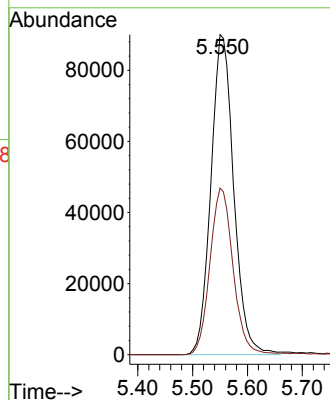
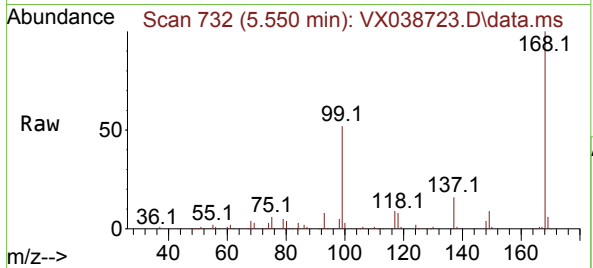




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

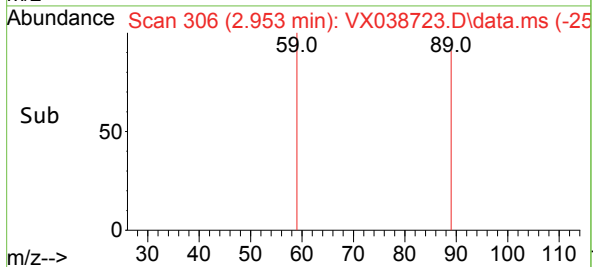
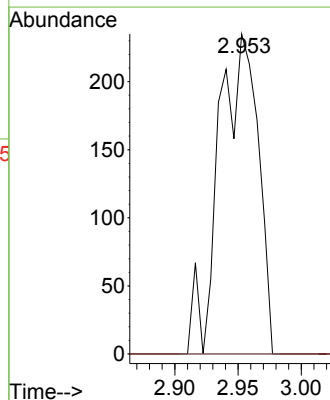
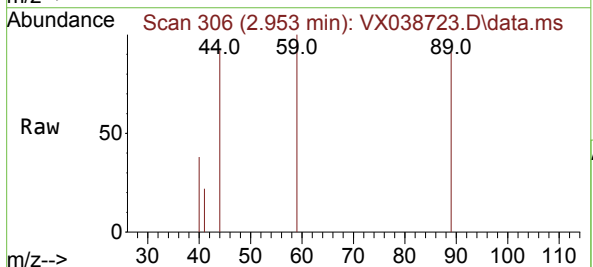
Instrument :
MSVOA_X
ClientSampleId :

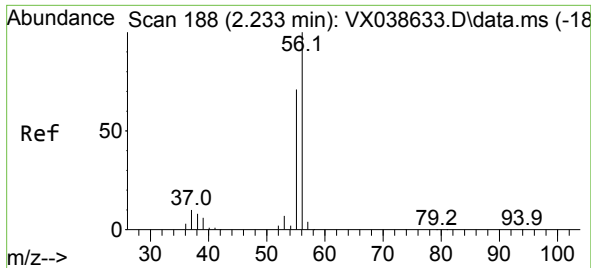
Tgt Ion:168 Resp: 259944
Ion Ratio Lower Upper
168 100
99 52.0 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.769 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

Tgt Ion: 59 Resp: 509
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.445 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.013 min

Lab File: VX038723.D

Acq: 10 Nov 2023 13:06

Instrument :

MSVOA_X

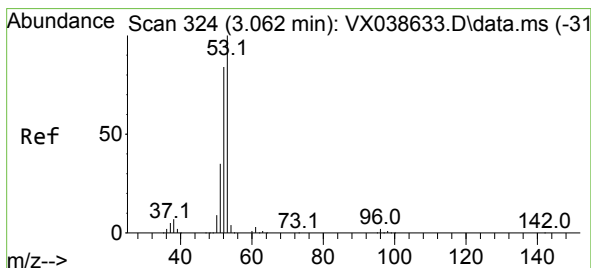
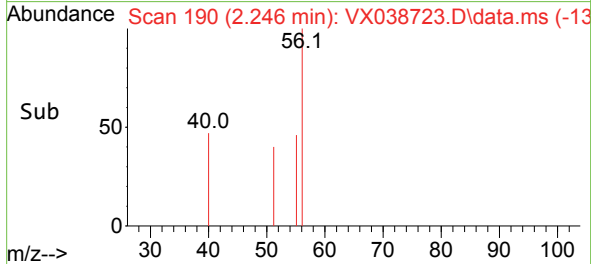
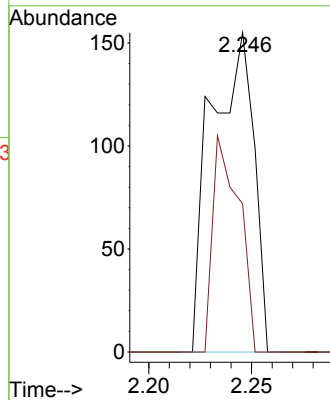
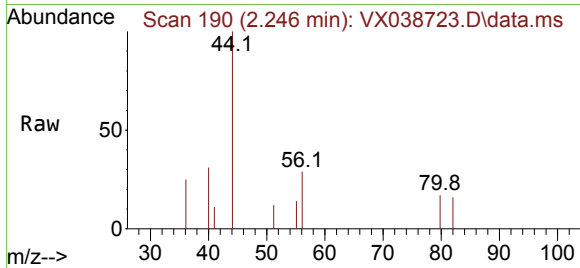
ClientSampleId :

Tgt Ion: 56 Resp: 223

Ion Ratio Lower Upper

56 100

55 42.2 57.1 85.7#



#15

Acrylonitrile

Concen: 0.318 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.013 min

Lab File: VX038723.D

Acq: 10 Nov 2023 13:06

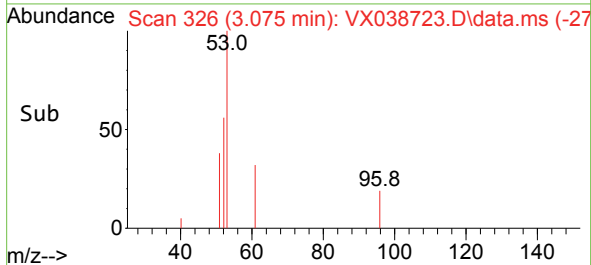
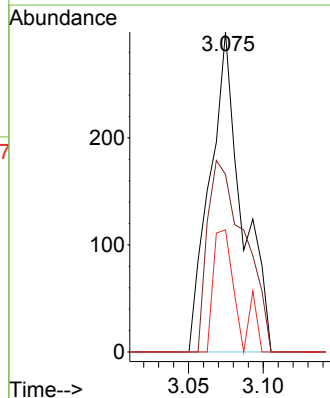
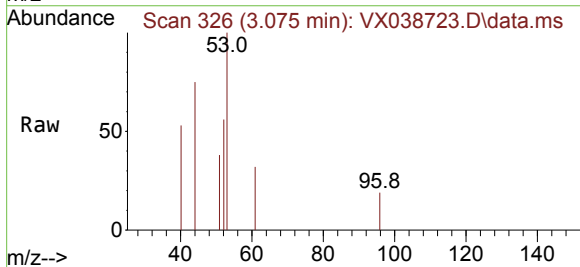
Tgt Ion: 53 Resp: 444

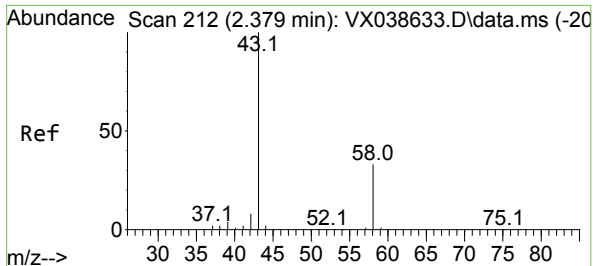
Ion Ratio Lower Upper

53 100

52 69.8 66.0 99.0

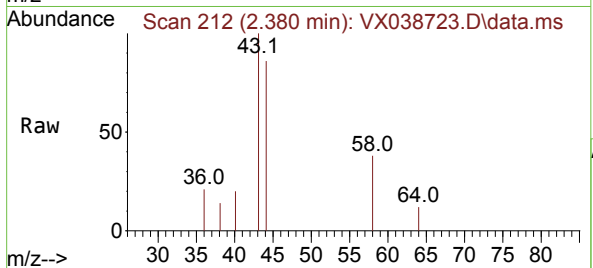
51 27.7 29.8 44.6#



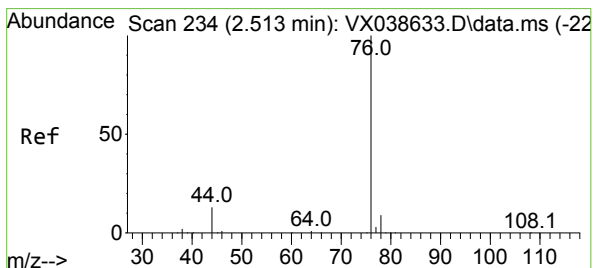
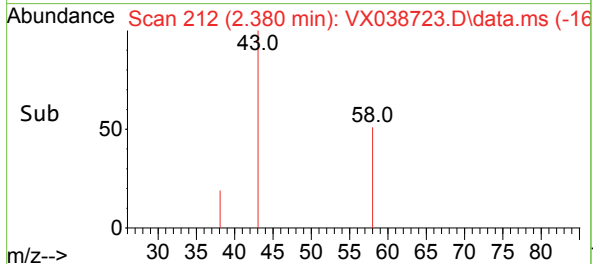
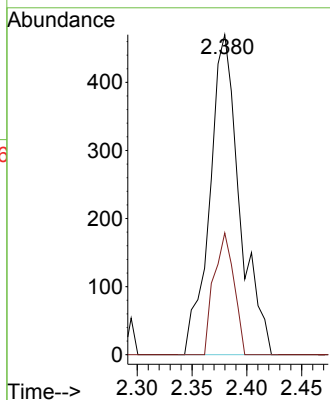


#16
Acetone
Concen: 0.655 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

Instrument :
MSVOA_X
ClientSampleId :

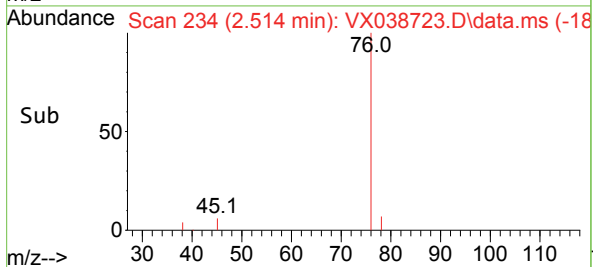
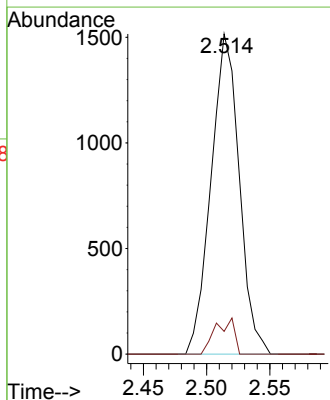
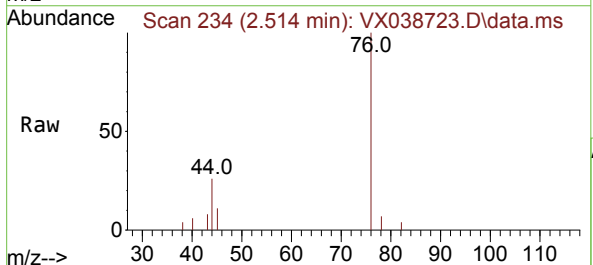


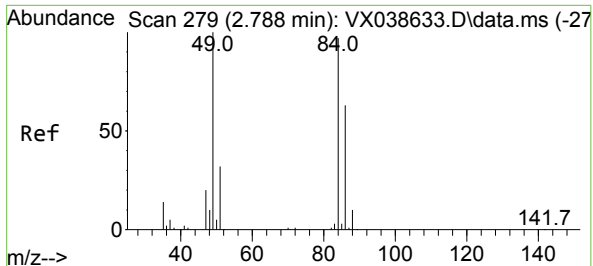
Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 38.1 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.365 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

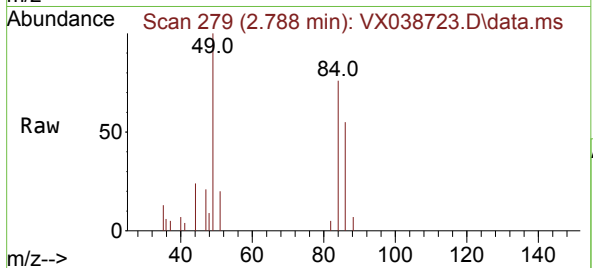
Tgt Ion: 76 Resp: 2353
Ion Ratio Lower Upper
76 100
78 7.1 7.0 10.6



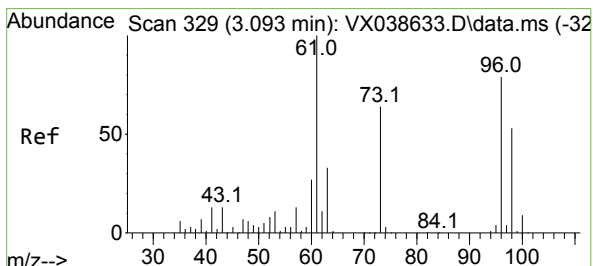
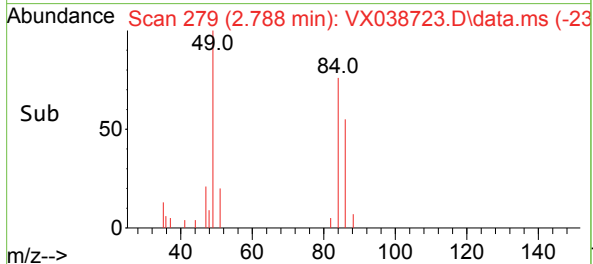
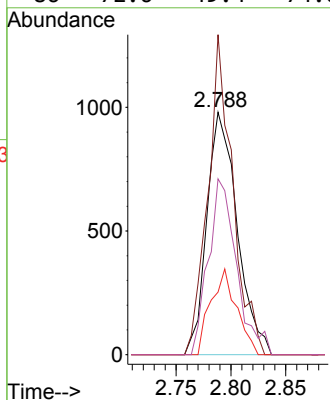


#20
Methylene Chloride
Concen: 0.687 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

Instrument :
MSVOA_X
ClientSampleId :

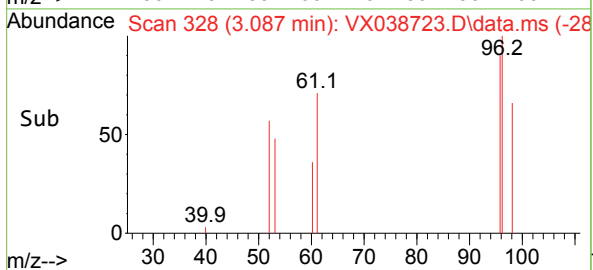
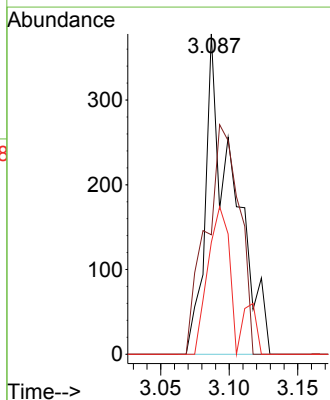
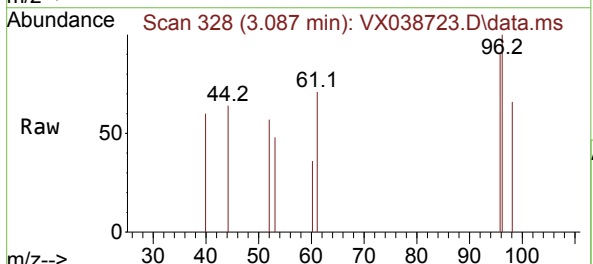


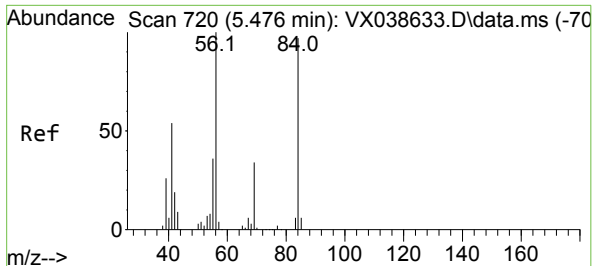
Tgt Ion:	84	Resp:	1887
Ion	Ratio	Lower	Upper
84	100		
49	132.0	103.6	155.4
51	25.8	33.8	50.6#
86	72.6	49.4	74.0



#21
trans-1,2-Dichloroethene
Concen: 0.200 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

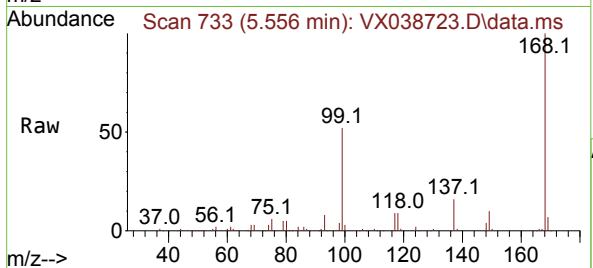
Tgt Ion:	96	Resp:	529
Ion	Ratio	Lower	Upper
96	100		
61	37.3	119.2	178.8#
98	34.9	48.7	73.1#



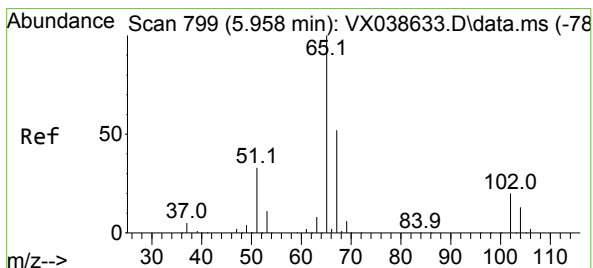
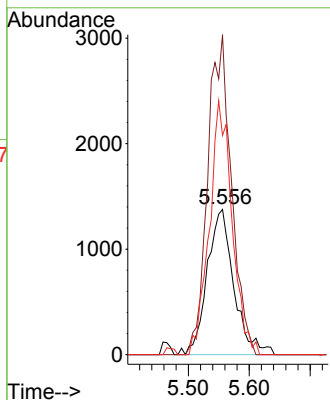
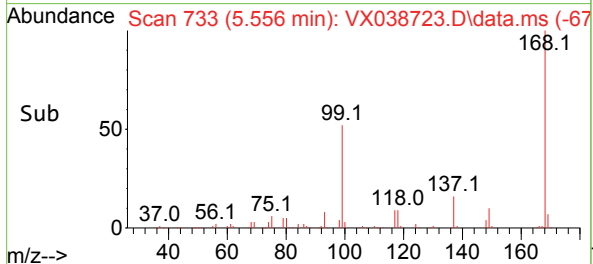


#31
Cyclohexane
Concen: 1.172 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

Instrument :
MSVOA_X
ClientSampleId :

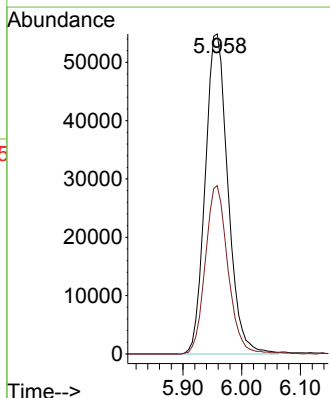
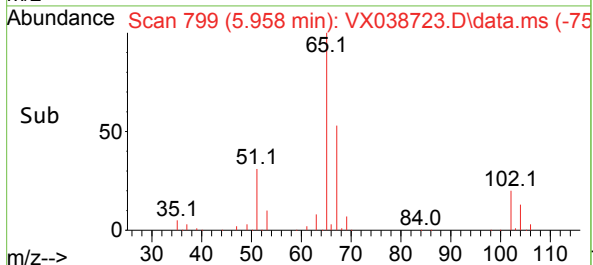
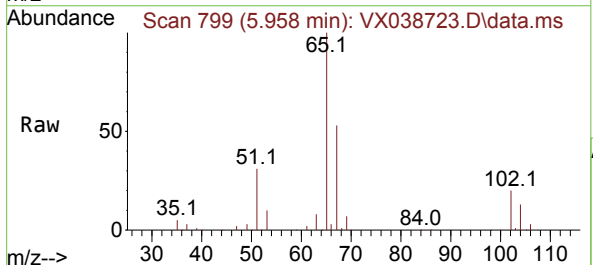


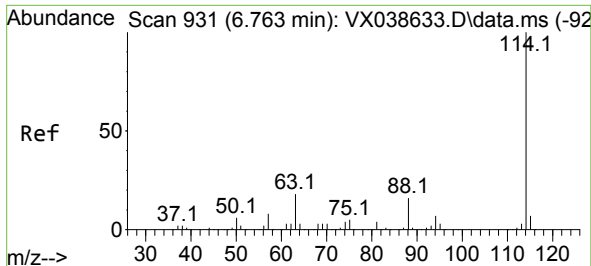
Tgt Ion: 56 Resp: 4196
Ion Ratio Lower Upper
56 100
69 220.3 23.4 35.2#
84 150.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.564 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

Tgt Ion: 65 Resp: 147456
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

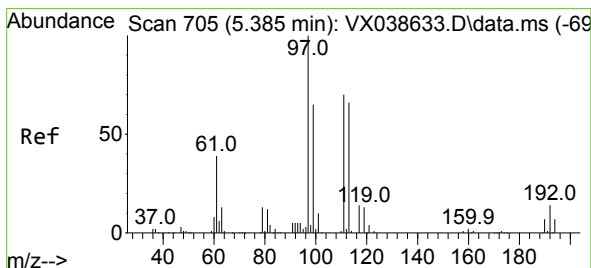
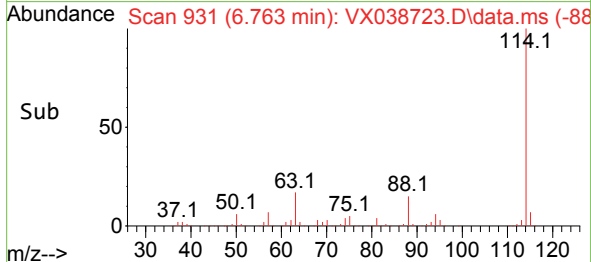
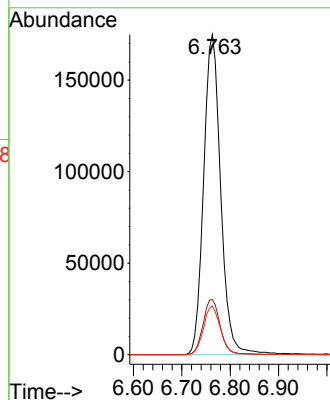
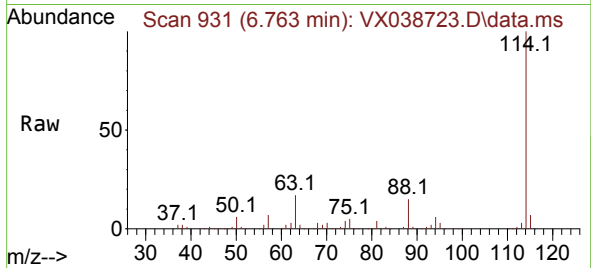




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

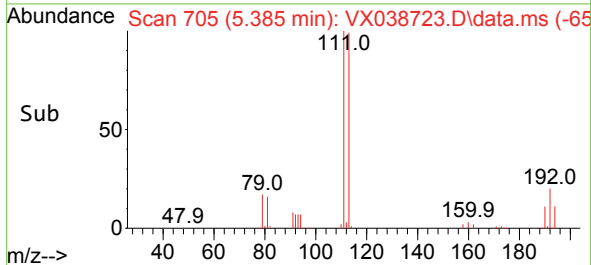
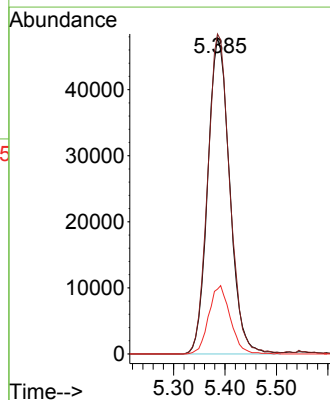
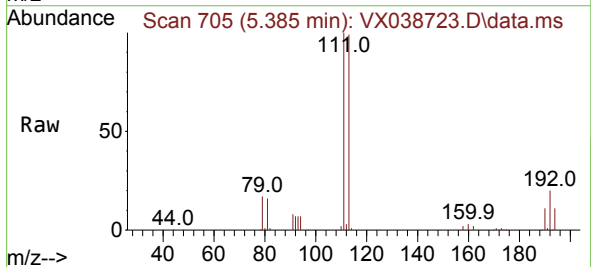
Instrument :
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ClientSampleId :

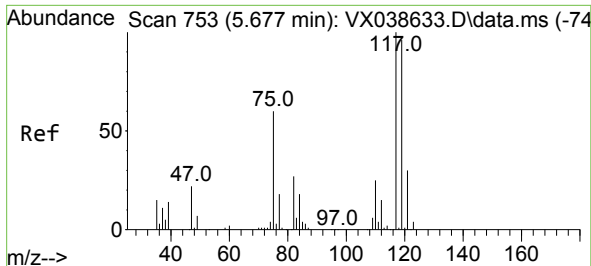
Tgt Ion:114 Resp: 429053
Ion Ratio Lower Upper
114 100
63 17.2 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.848 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

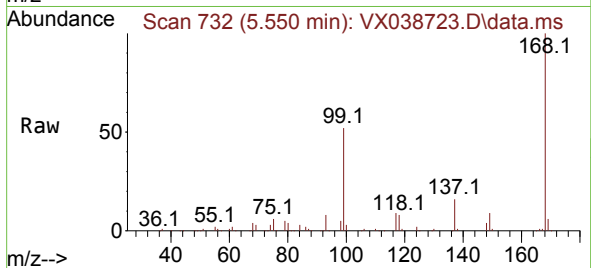
Tgt Ion:113 Resp: 141677
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 21.2 13.3 19.9#



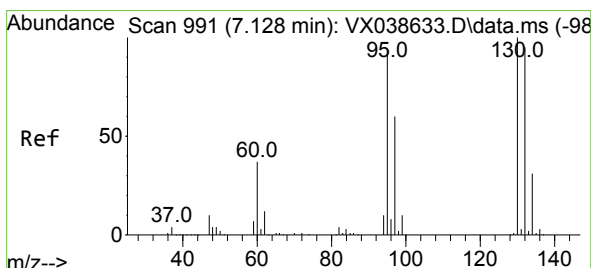
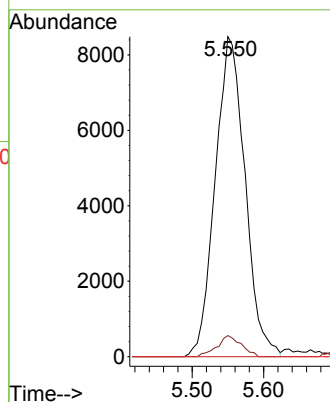
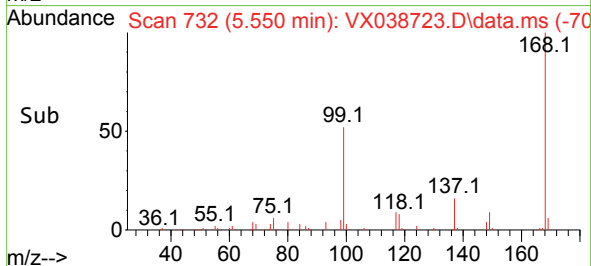


#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

Instrument :
MSVOA_X
ClientSampleId :

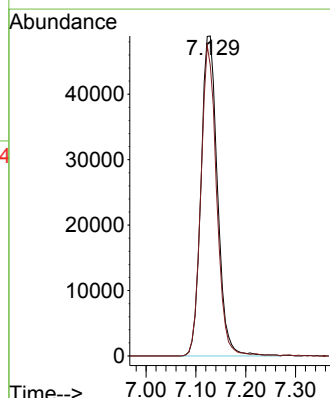
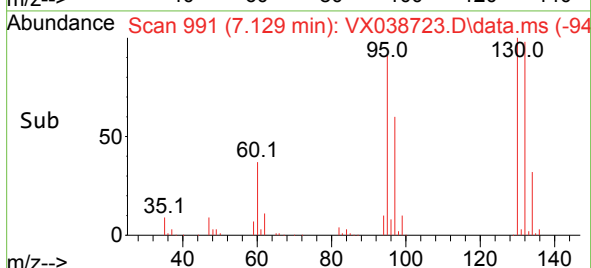
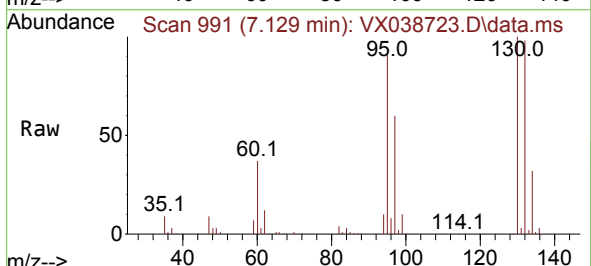


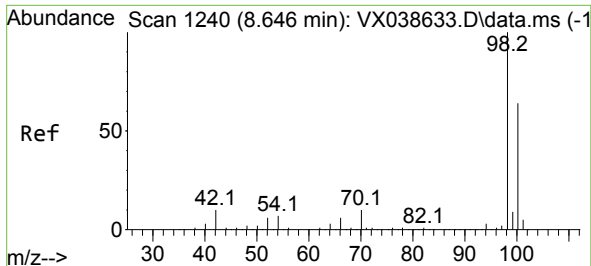
Tgt Ion:117 Resp: 24529
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 32.590 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

Tgt Ion:130 Resp: 112110
Ion Ratio Lower Upper
130 100
95 90.8 0.0 204.4





#50

Toluene-d8

Concen: 46.279 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038723.D

Acq: 10 Nov 2023 13:06

Instrument :

MSVOA_X

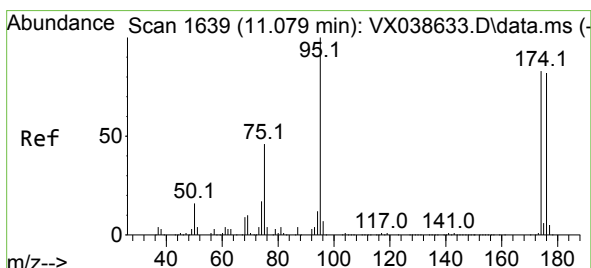
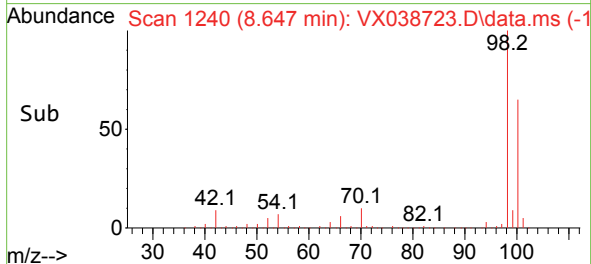
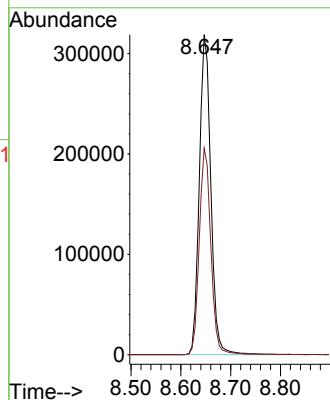
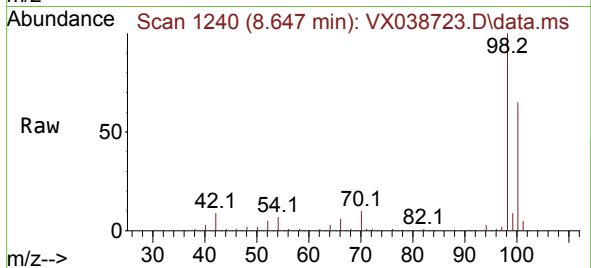
ClientSampleId :

Tgt Ion: 98 Resp: 511750

Ion Ratio Lower Upper

98 100

100 64.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 50.648 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038723.D

Acq: 10 Nov 2023 13:06

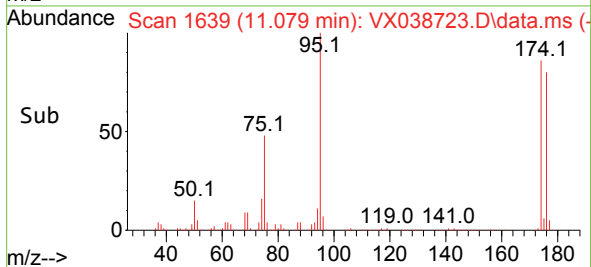
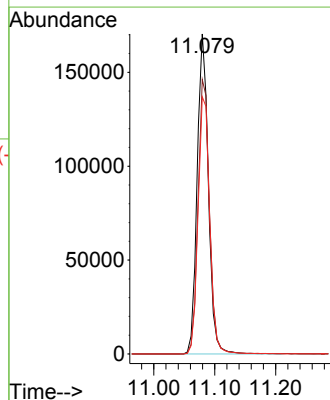
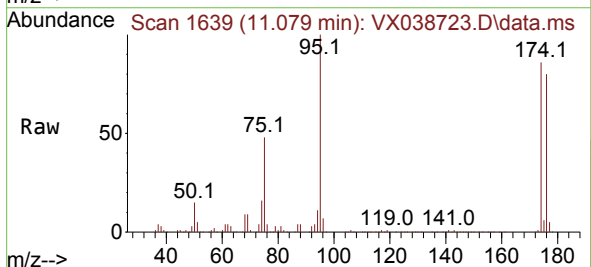
Tgt Ion: 95 Resp: 217140

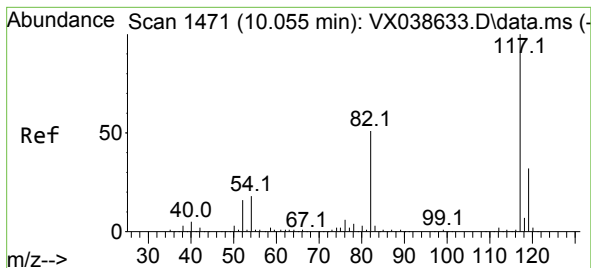
Ion Ratio Lower Upper

95 100

174 88.4 0.0 135.6

176 84.0 0.0 131.0

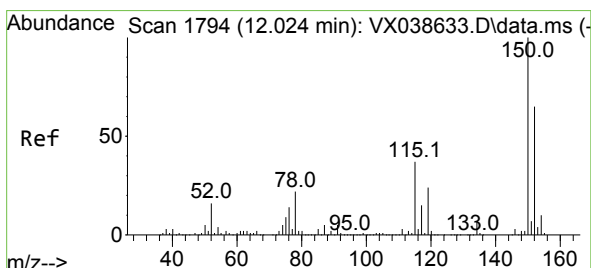
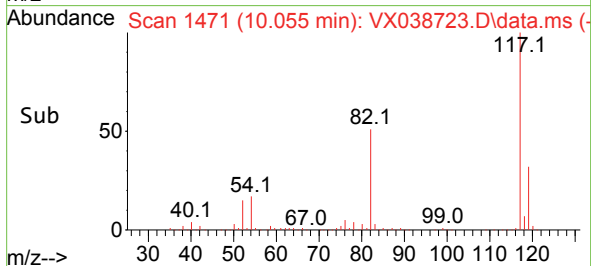
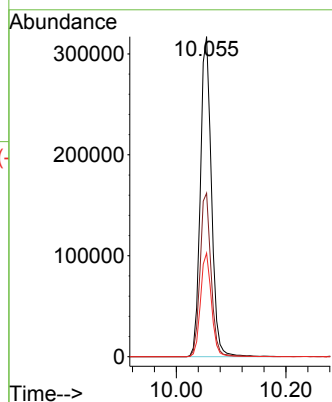
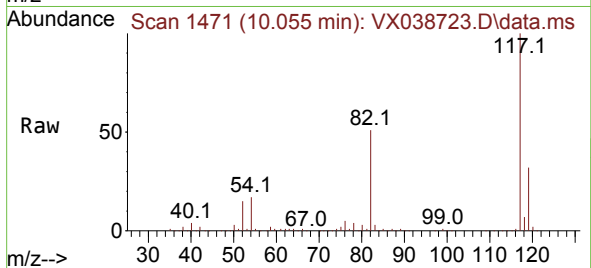




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

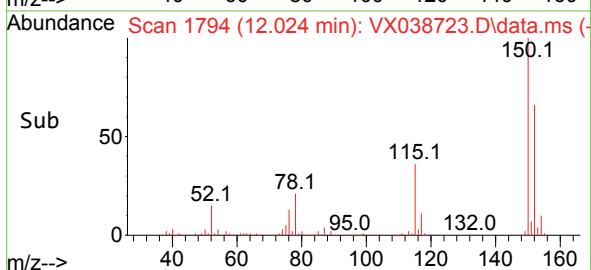
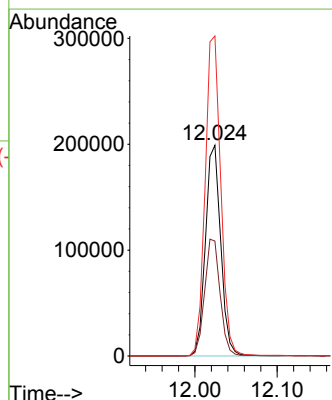
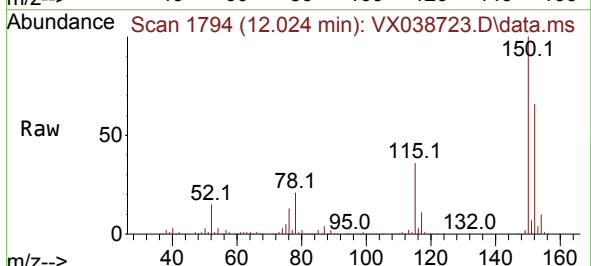
Instrument :
MSVOA_X
ClientSampleId :

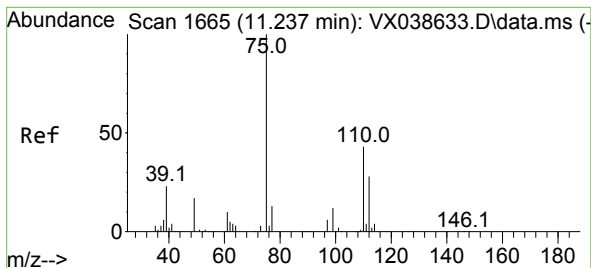
Tgt Ion:117 Resp: 445272
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038723.D
Acq: 10 Nov 2023 13:06

Tgt Ion:152 Resp: 257691
Ion Ratio Lower Upper
152 100
115 56.5 43.3 129.9
150 154.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.483 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038723.D

Acq: 10 Nov 2023 13:06

Instrument :

MSVOA_X

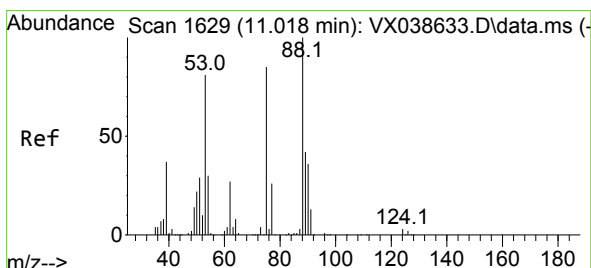
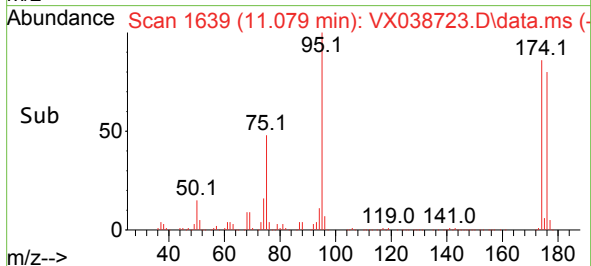
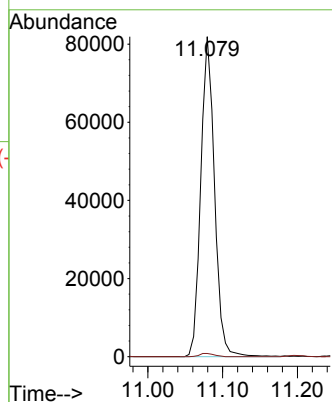
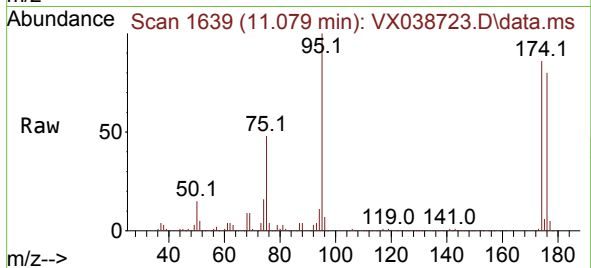
ClientSampleId :

Tgt Ion: 75 Resp: 104534

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.435 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038723.D

Acq: 10 Nov 2023 13:06

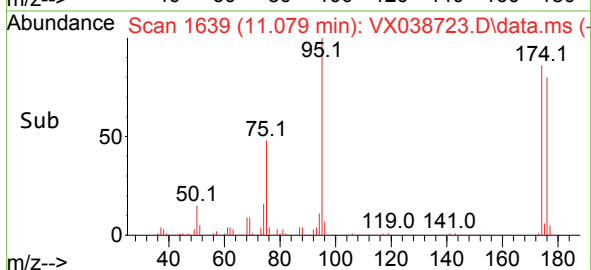
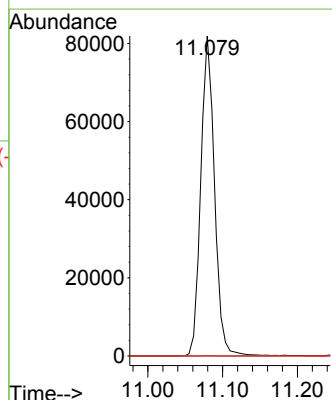
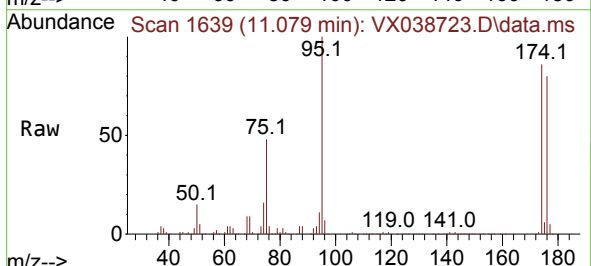
Tgt Ion: 75 Resp: 104534

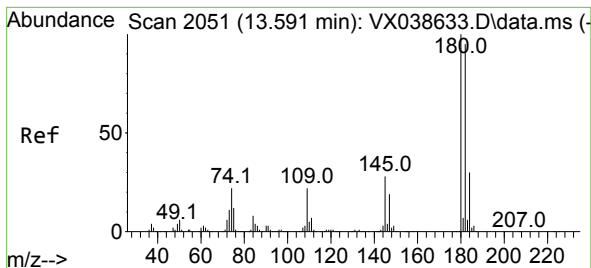
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.287 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX038723.D

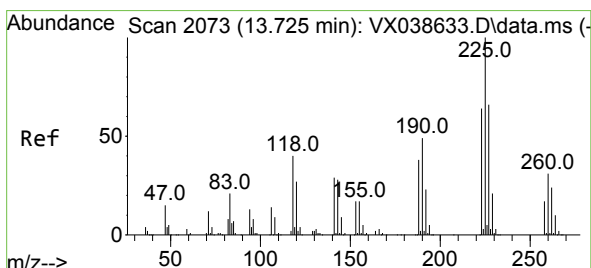
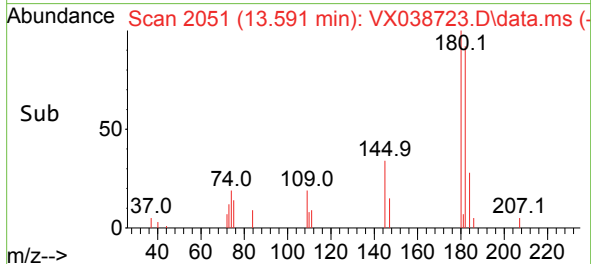
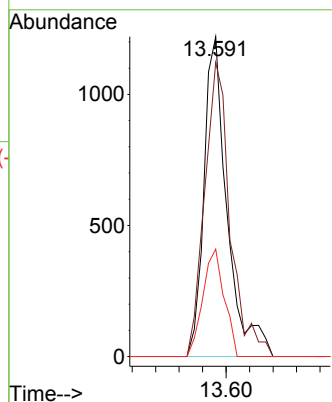
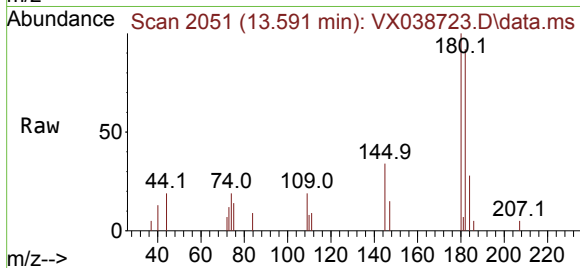
Acq: 10 Nov 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	1664
Ion Ratio	Lower	Upper
180	100	
182	101.7	48.3 144.8
145	31.1	18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.392 ug/l

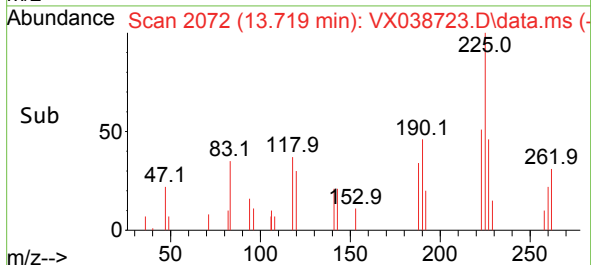
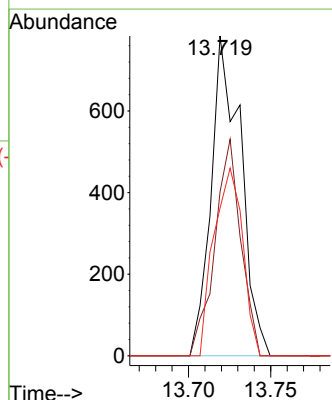
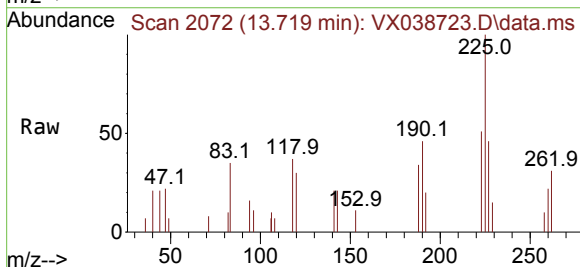
RT: 13.719 min Scan# 2072

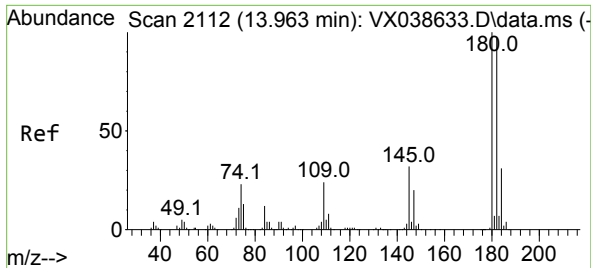
Delta R.T. -0.006 min

Lab File: VX038723.D

Acq: 10 Nov 2023 13:06

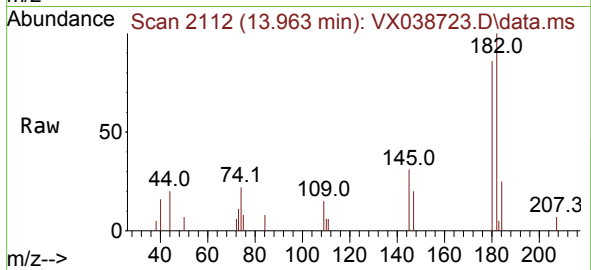
Tgt Ion:225	Resp:	980
Ion Ratio	Lower	Upper
225	100	
223	59.6	31.1 93.2
227	57.1	32.5 97.5





#96
 1,2,3-Trichlorobenzene
 Concen: 0.246 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX038723.D
 Acq: 10 Nov 2023 13:06

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1405
Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.9	140.6
145	29.7	17.8	53.5

