

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038264.D
 Acq On : 12 Oct 2023 18:09
 Operator : JC/MD
 Sample : 04875-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 04:53:43 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

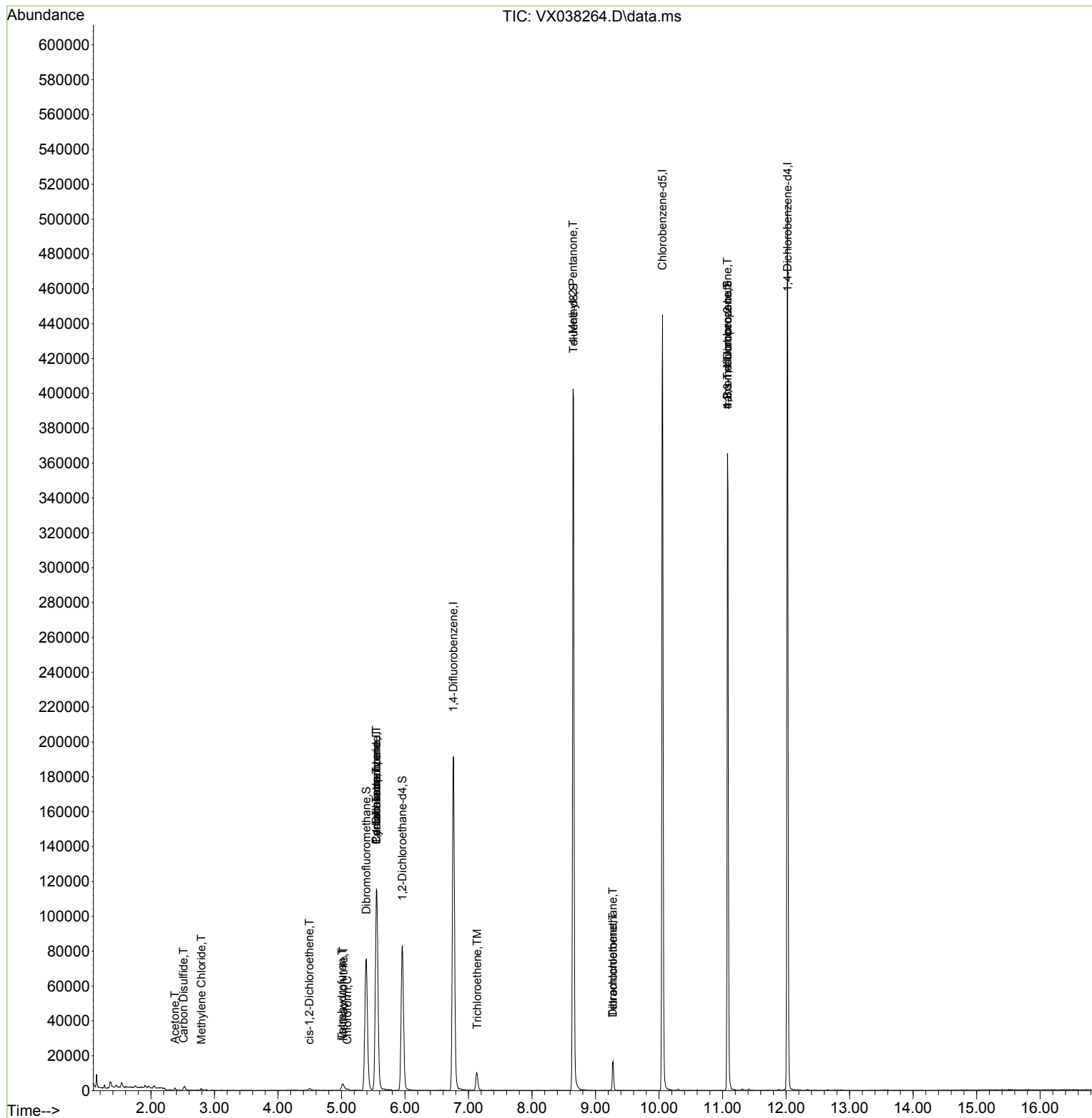
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	108917	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	193385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79850	45.580	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.160%
35) Dibromofluoromethane	5.391	113	64425	46.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.653	98	247903	46.557	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.120%
62) 4-Bromofluorobenzene	11.079	95	93686	46.410	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.820%
Target Compounds						
						Qvalue
5) Bromomethane	1.581	94	42	Below Cal	#	3
6) Chloroethane	1.660	64	106	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	97	Below Cal	#	78
16) Acetone	2.380	43	1192	1.630	ug/l	# 70
17) Carbon Disulfide	2.514	76	882	0.307	ug/l	# 99
20) Methylene Chloride	2.794	84	402	0.292	ug/l	# 69
27) cis-1,2-Dichloroethene	4.495	96	620	0.422	ug/l	# 93
29) Tetrahydrofuran	5.007	42	3253	4.235	ug/l	# 93
30) Chloroform	5.092	83	813	0.328	ug/l	# 79
31) Cyclohexane	5.550	56	2611	1.376	ug/l	# 15
36) 1,1-Dichloropropene	5.550	75	8858	4.610	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	11609	6.141	ug/l	# 16
41) Methacrylonitrile	5.031	41	2179	1.919	ug/l	# 49
44) Trichloroethene	7.135	130	4178	2.972	ug/l	# 78
51) 4-Methyl-2-Pentanone	8.647	43	1074	0.457	ug/l	# 1
60) Dibromochloromethane	9.275	129	3020	2.061	ug/l	# 11
64) Tetrachloroethene	9.275	164	3122	2.400	ug/l	# 85
76) 1,2,3-Trichloropropane	11.079	75	52554	22.161	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	52554	63.523	ug/l	# 5

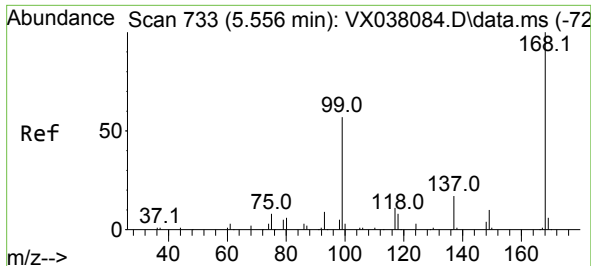
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
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Instrument :
MSVOA_X
ClientSampleId :

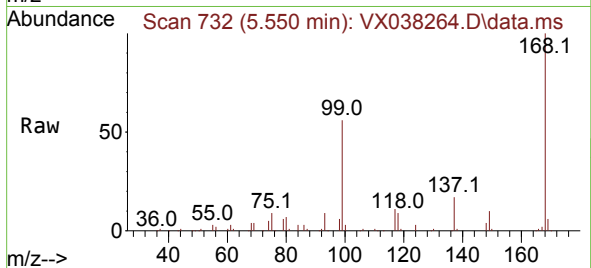
Quant Time: Oct 13 04:53:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



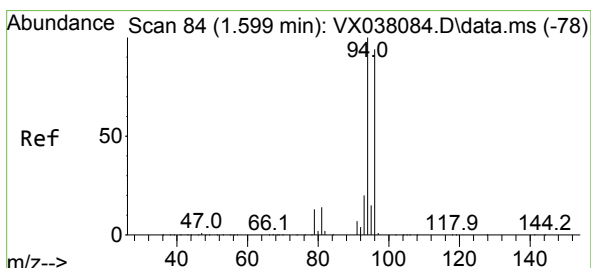
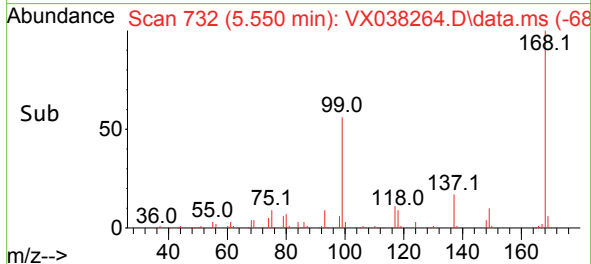
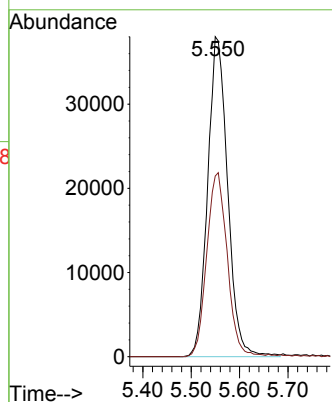


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :

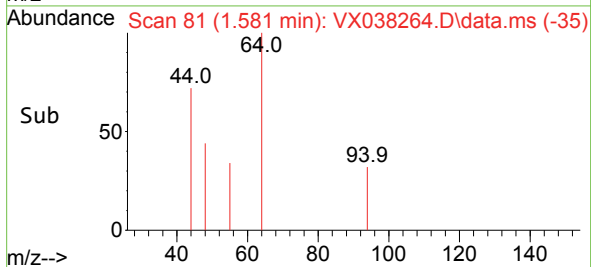
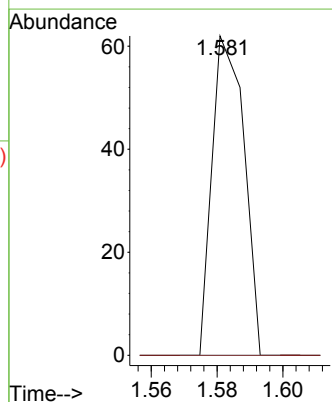
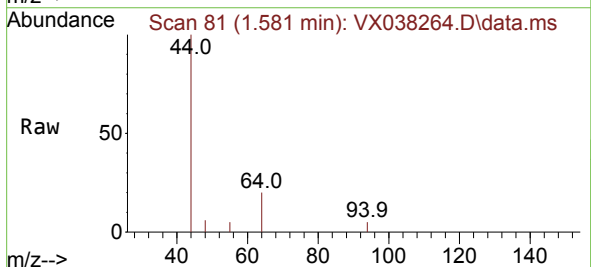


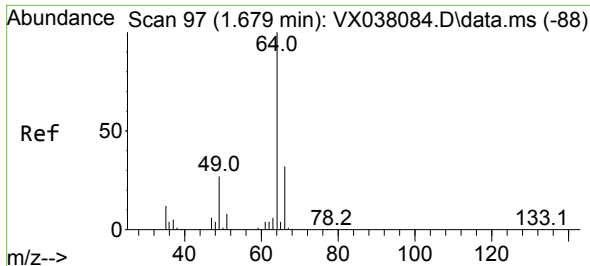
Tgt Ion:168 Resp: 108917
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Tgt Ion: 94 Resp: 42
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

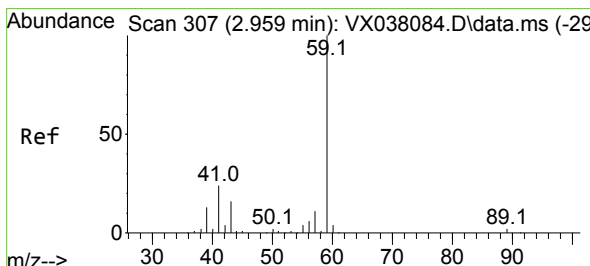
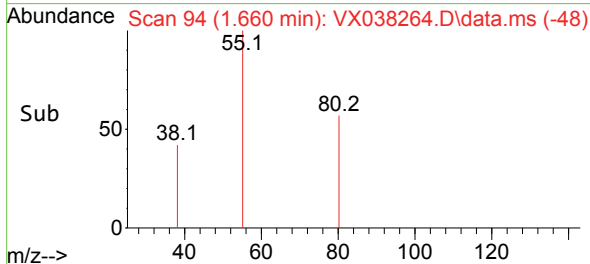
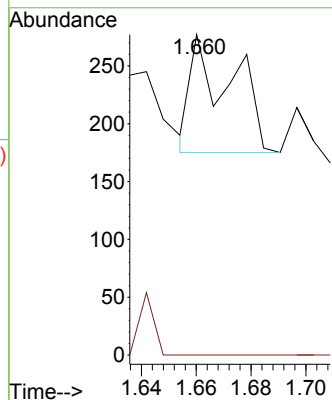
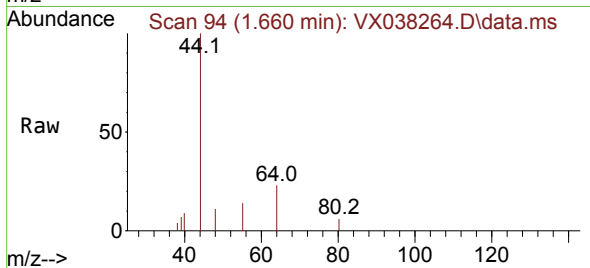




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

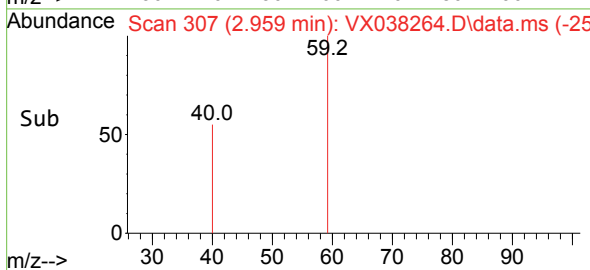
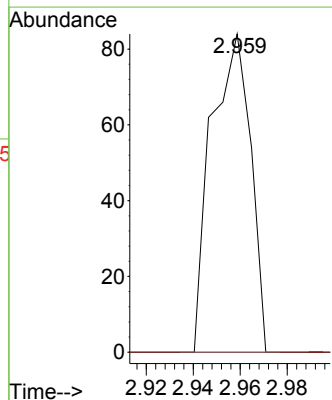
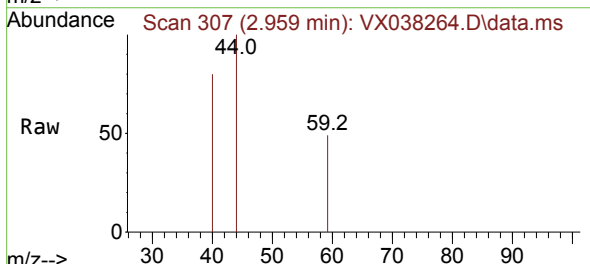
Instrument :
MSVOA_X
ClientSampleId :

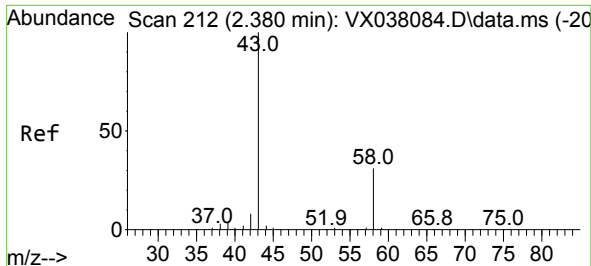
Tgt Ion: 64 Resp: 106
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Tgt Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

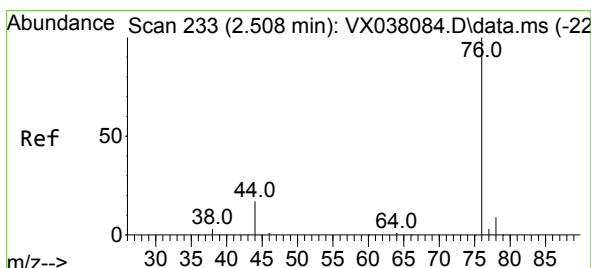
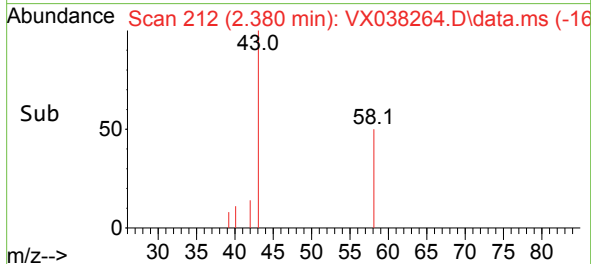
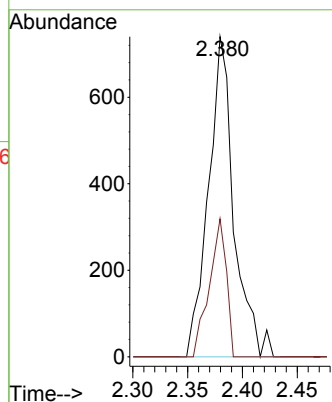
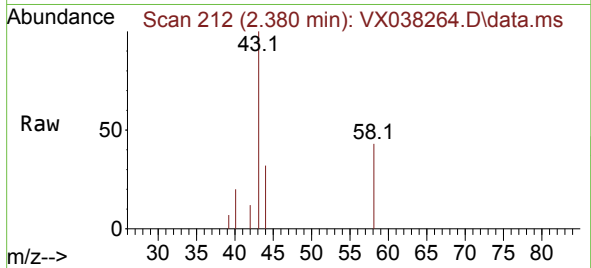




#16
Acetone
Concen: 1.630 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

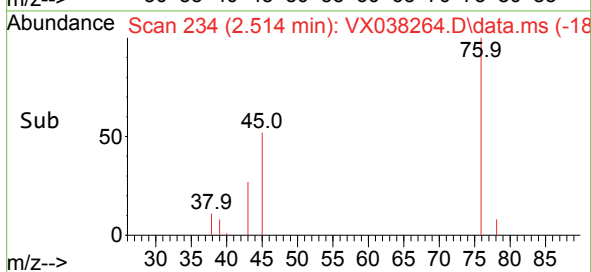
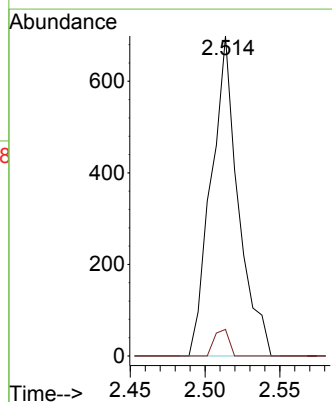
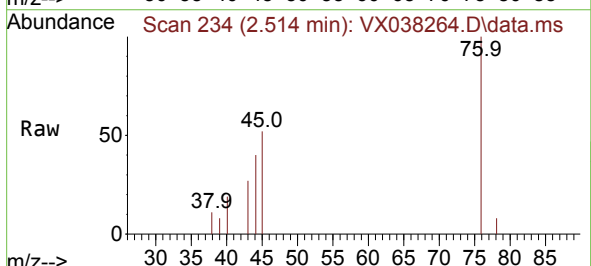
Instrument :
MSVOA_X
ClientSampleId :

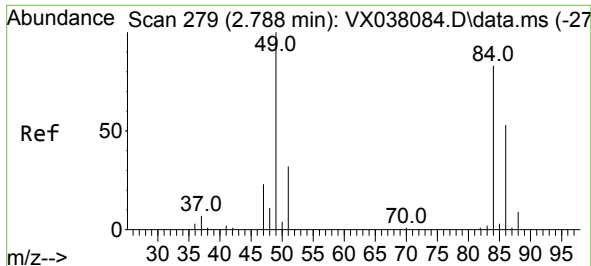
Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
58 43.1 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.307 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Tgt Ion: 76 Resp: 882
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6





#20

Methylene Chloride

Concen: 0.292 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

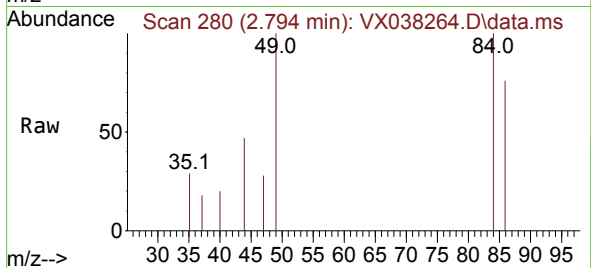
Lab File: VX038264.D

Acq: 12 Oct 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 402

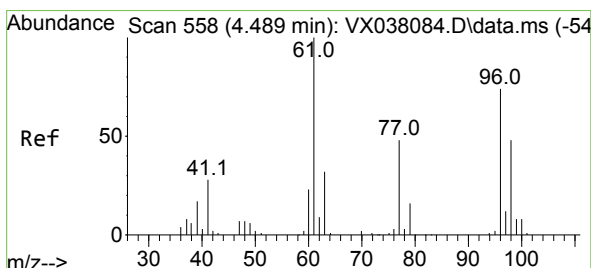
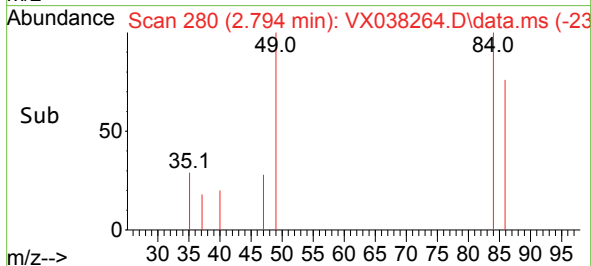
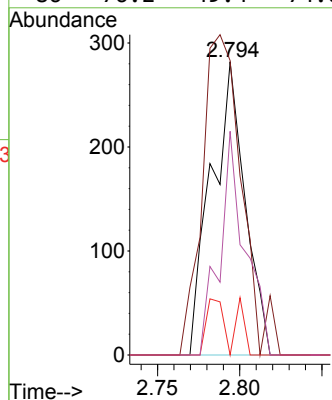
Ion Ratio Lower Upper

84 100

49 100.4 103.6 155.4#

51 0.0 33.8 50.6#

86 76.2 49.4 74.0#



#27

cis-1,2-Dichloroethene

Concen: 0.422 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX038264.D

Acq: 12 Oct 2023 18:09

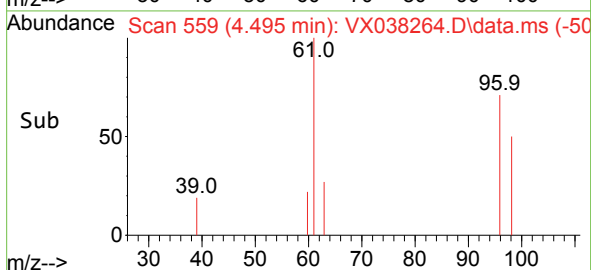
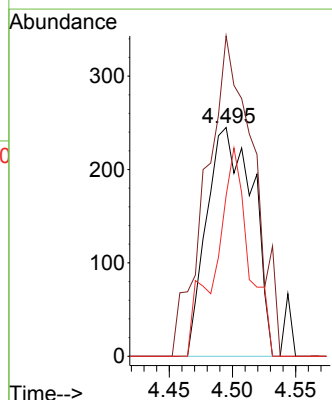
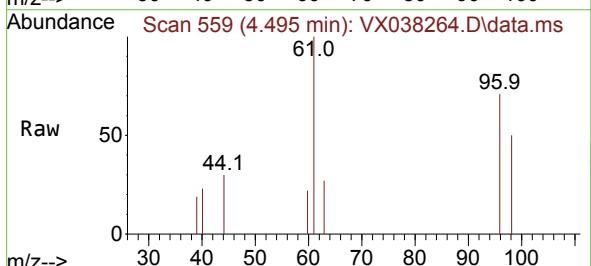
Tgt Ion: 96 Resp: 620

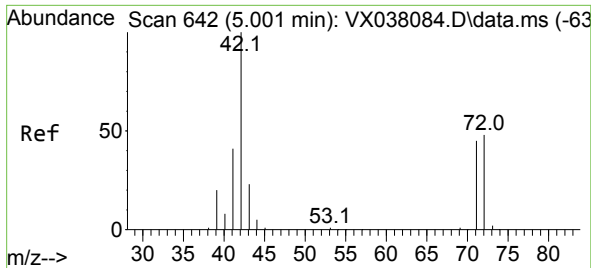
Ion Ratio Lower Upper

96 100

61 144.2 0.0 312.2

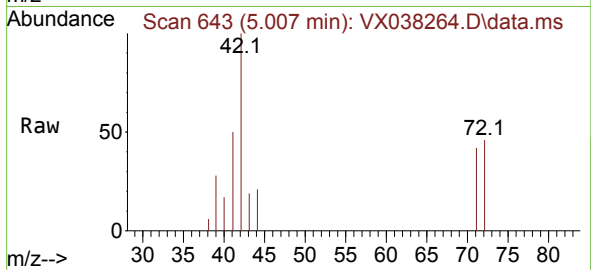
98 66.6 0.0 129.0



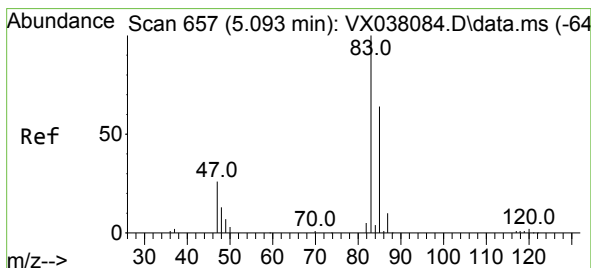
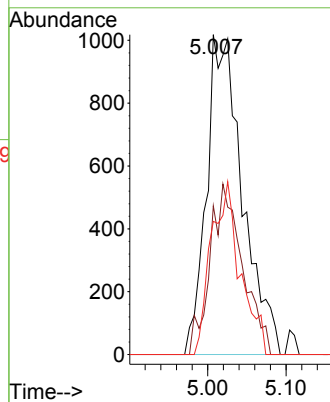
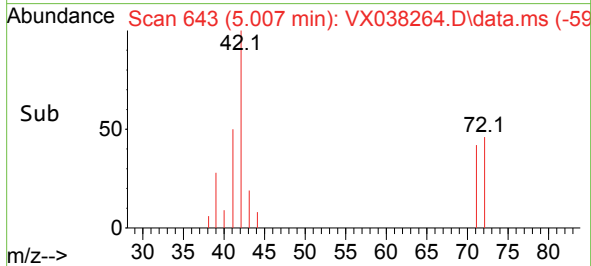


#29
Tetrahydrofuran
Concen: 4.235 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :

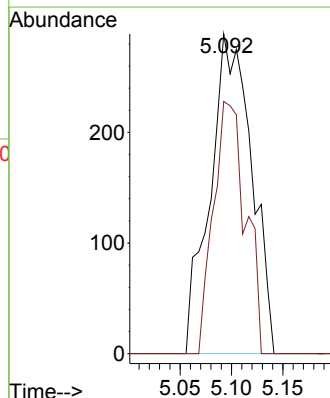
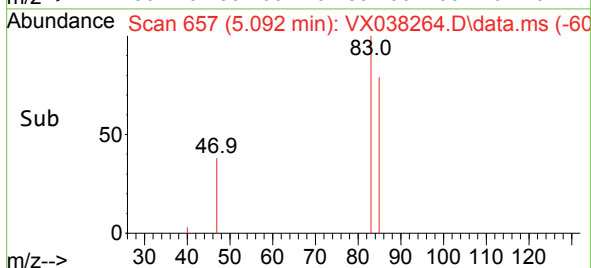
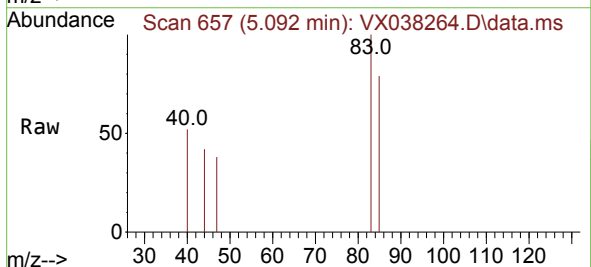


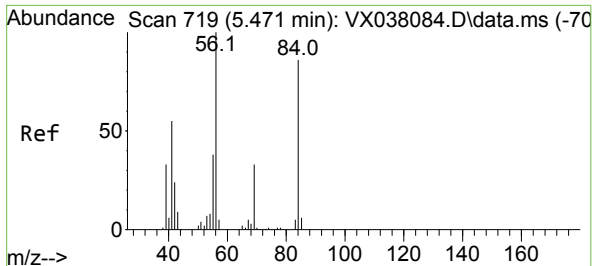
Tgt Ion: 42	Resp: 3253
Ion Ratio	Lower Upper
42 100	
72 48.2	34.2 51.4
71 43.7	32.2 48.2



#30
Chloroform
Concen: 0.328 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

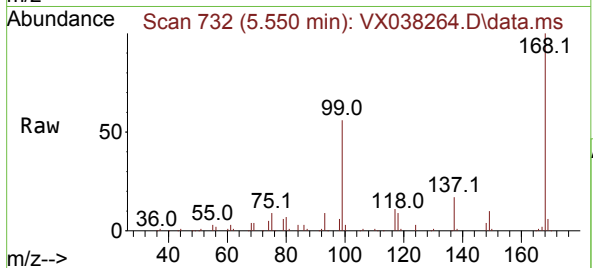
Tgt Ion: 83	Resp: 813		
Ion Ratio	Lower	Upper	
83 100			
85 78.9	50.3	75.5#	



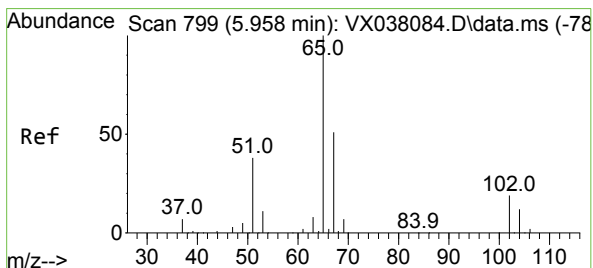
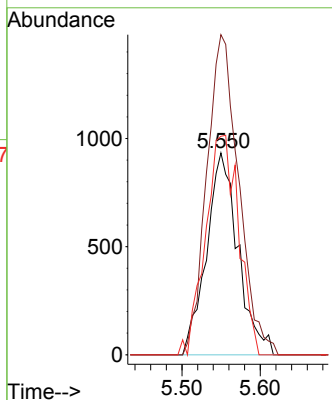
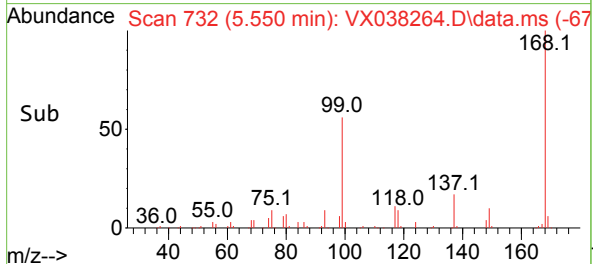


#31
Cyclohexane
Concen: 1.376 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :

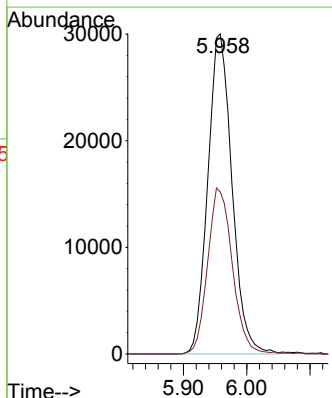
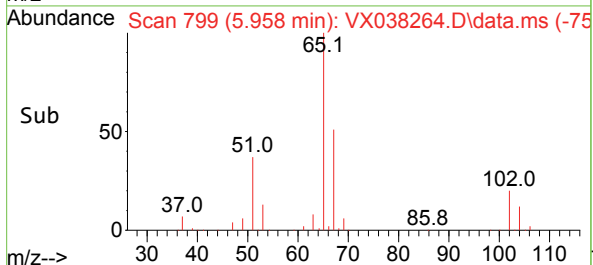
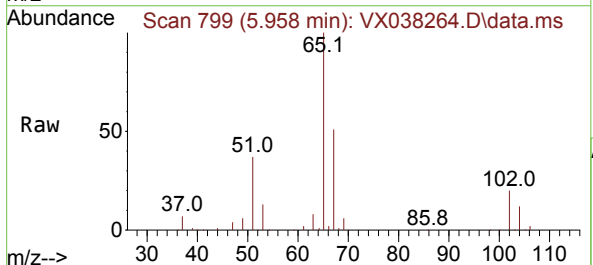


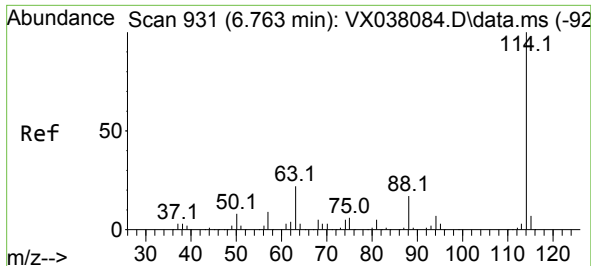
Tgt Ion: 56 Resp: 2611
Ion Ratio Lower Upper
56 100
69 158.6 23.4 35.2#
84 108.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.580 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Tgt Ion: 65 Resp: 79850
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

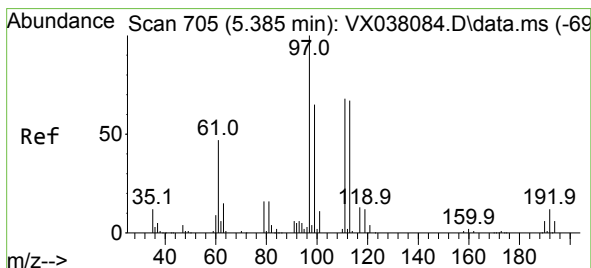
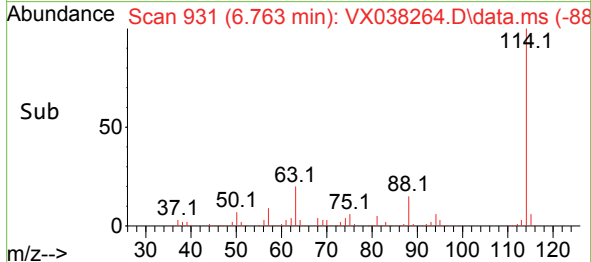
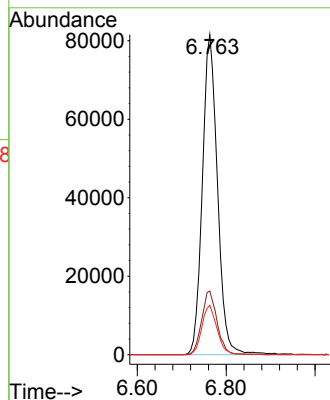
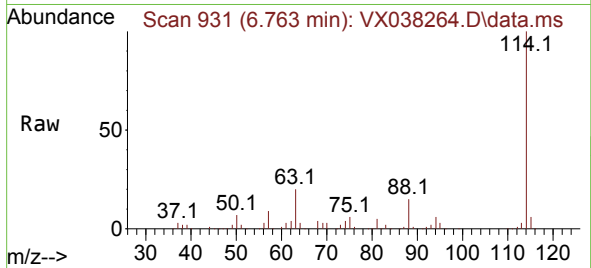




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

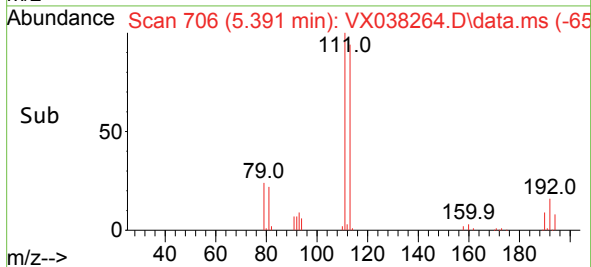
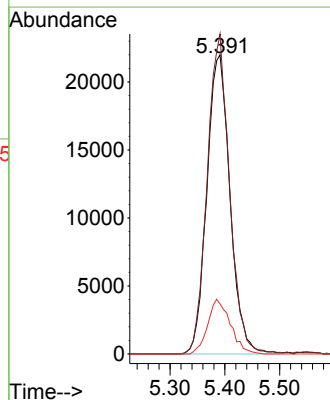
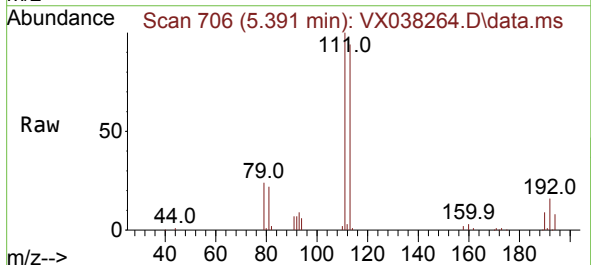
Instrument :
MSVOA_X
ClientSampleId :

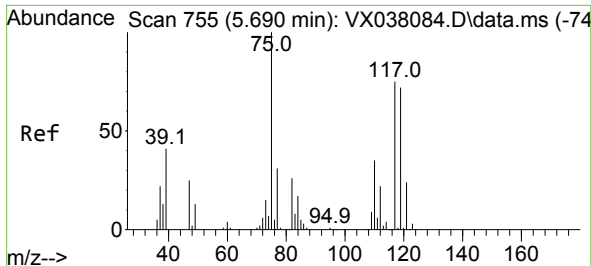
Tgt Ion:114 Resp: 193385
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.234 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Tgt Ion:113 Resp: 64425
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 17.9 13.3 19.9

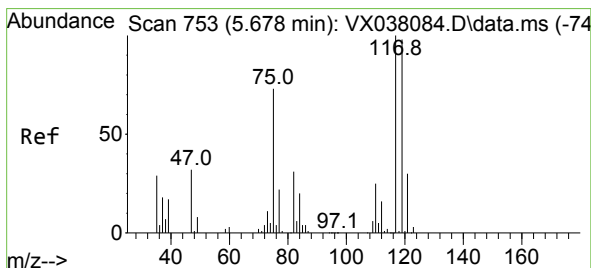
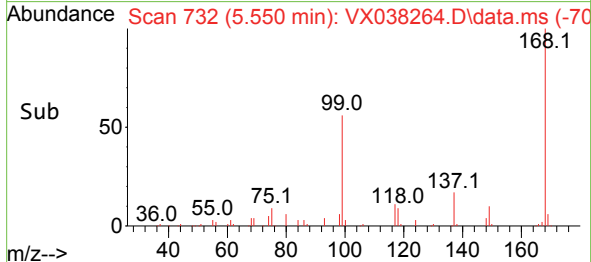
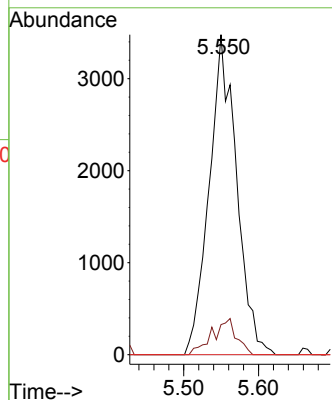
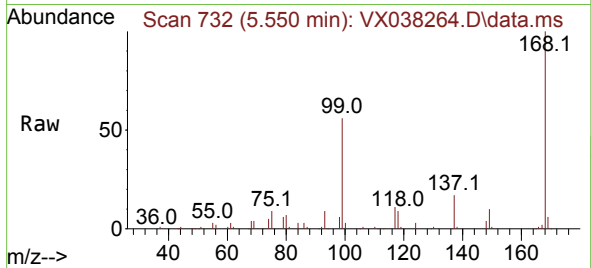




#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

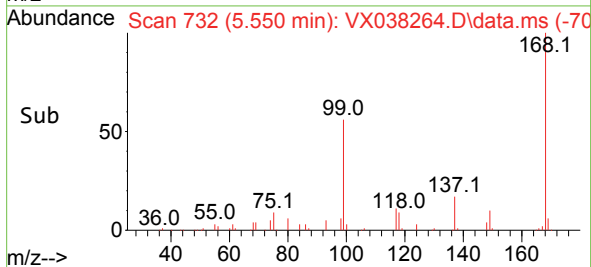
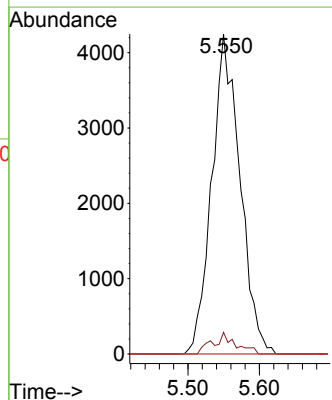
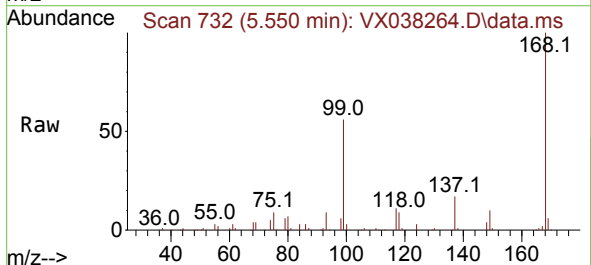
Instrument :
MSVOA_X
ClientSampleId :

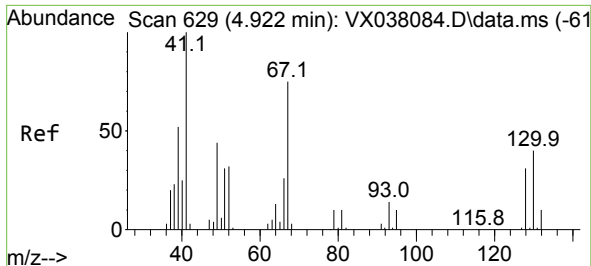
Tgt Ion: 75 Resp: 8858
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.141 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

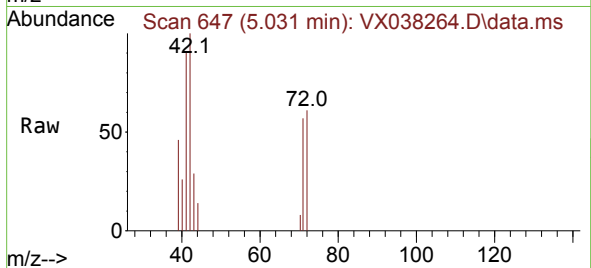
Tgt Ion: 117 Resp: 11609
Ion Ratio Lower Upper
117 100
119 6.8 78.2 117.2#
121 0.0 24.4 36.6#



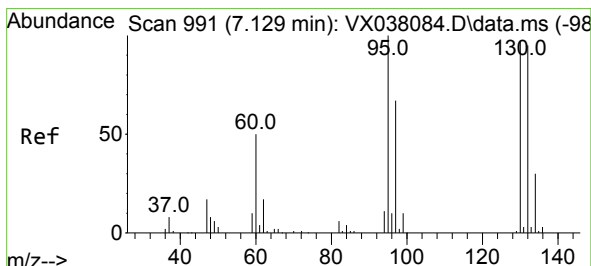
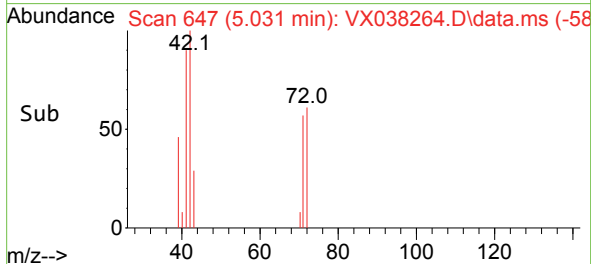
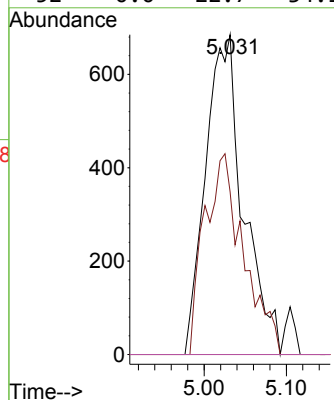


#41
Methacrylonitrile
Concen: 1.919 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.109 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :

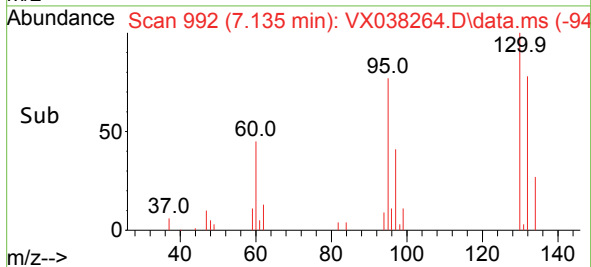
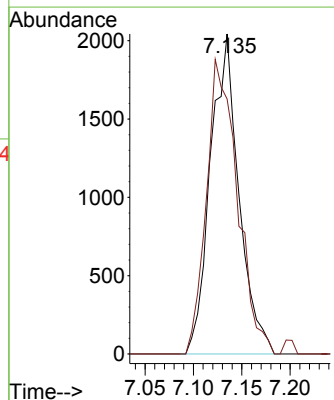
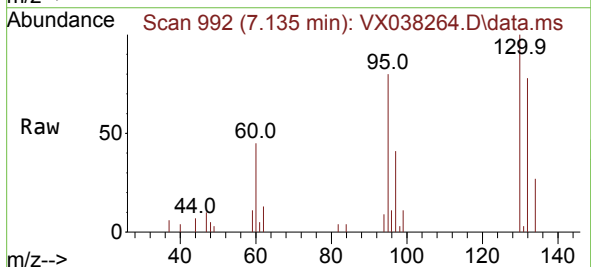


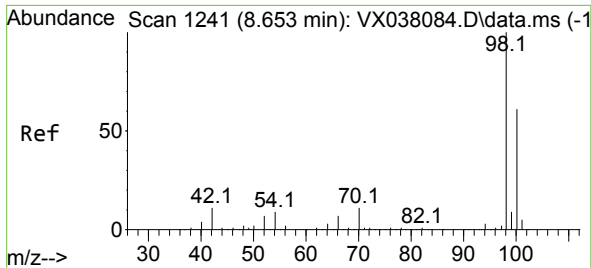
Tgt Ion: 41	Resp: 2179
Ion Ratio	Lower Upper
41	100
39	65.1 45.2 67.8
67	0.0 52.6 78.8#
52	0.0 22.7 34.1#



#44
Trichloroethene
Concen: 2.972 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Tgt Ion: 130	Resp: 4178
Ion Ratio	Lower Upper
130	100
95	79.7 0.0 204.4

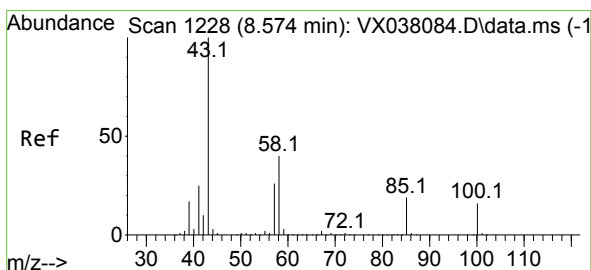
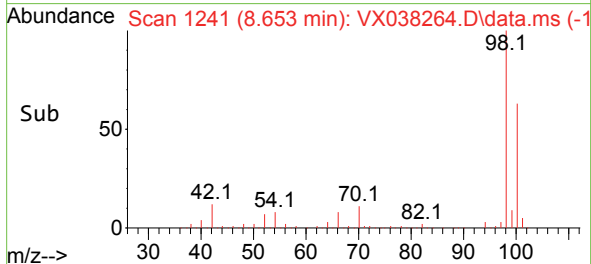
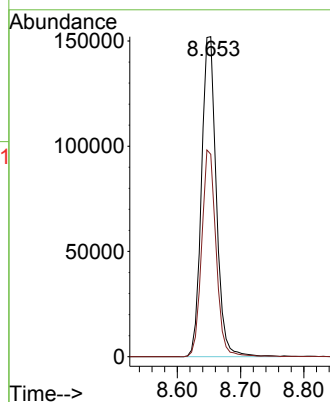
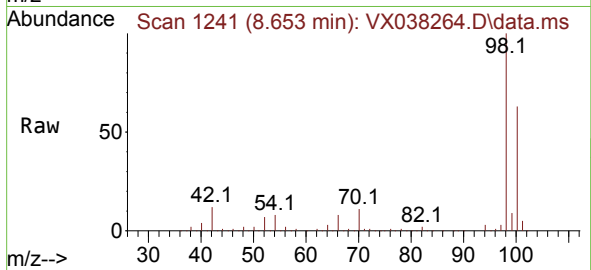




#50
Toluene-d8
Concen: 46.557 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

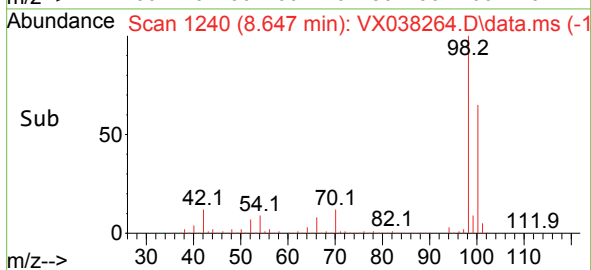
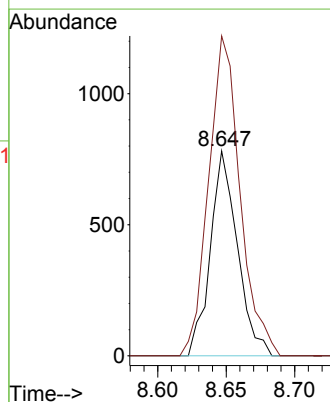
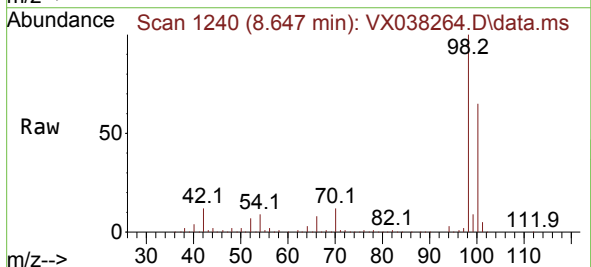
Instrument :
MSVOA_X
ClientSampleId :

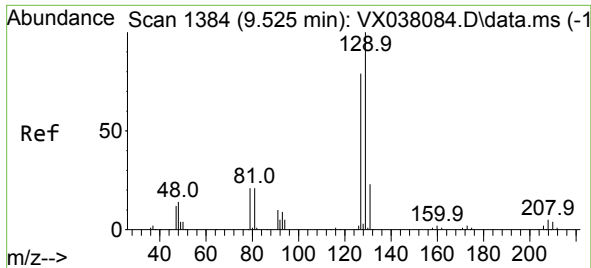
Tgt Ion: 98 Resp: 247903
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.457 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 181.2 30.4 45.6#

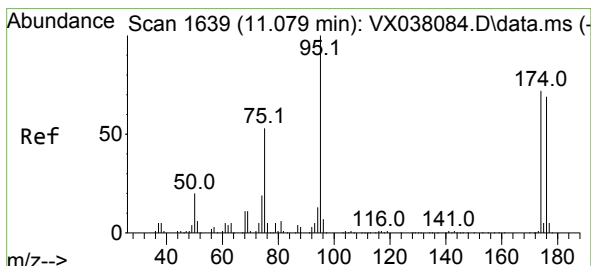
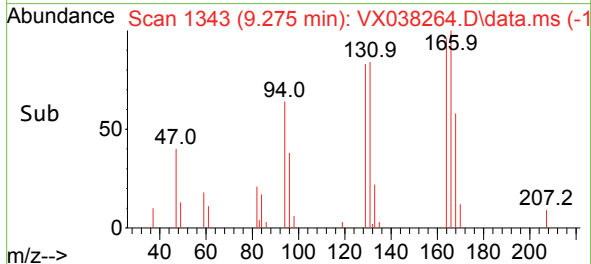
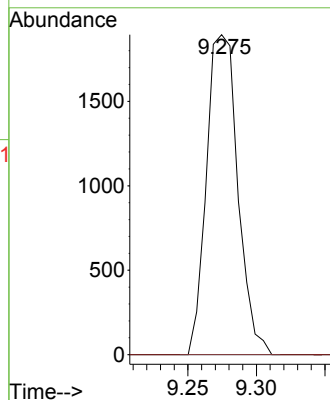
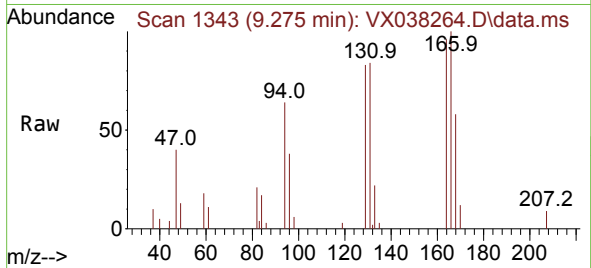




#60
Dibromochloromethane
Concen: 2.061 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

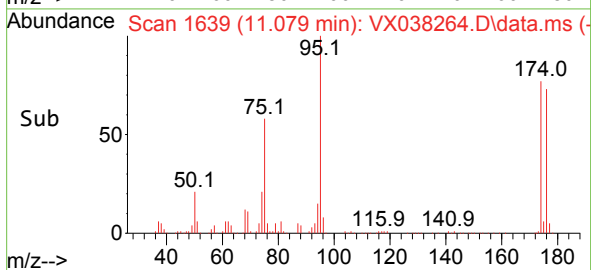
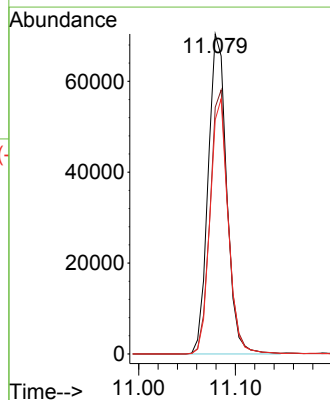
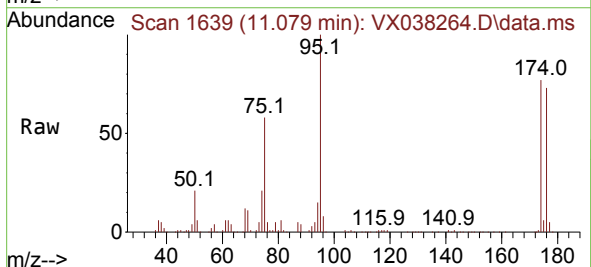
Instrument :
MSVOA_X
ClientSampleId :

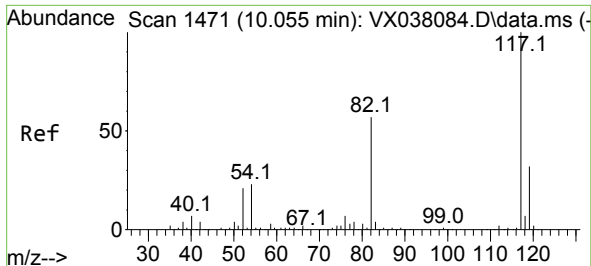
Tgt Ion:129 Resp: 3020
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 46.410 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Tgt Ion: 95 Resp: 93686
Ion Ratio Lower Upper
95 100
174 81.2 0.0 135.6
176 78.1 0.0 131.0

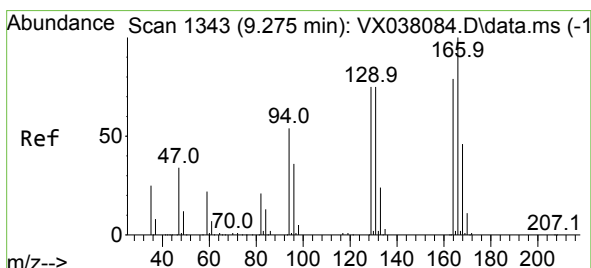
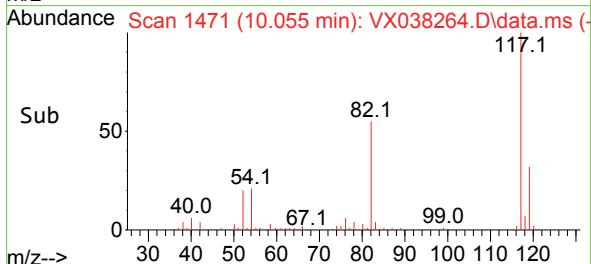
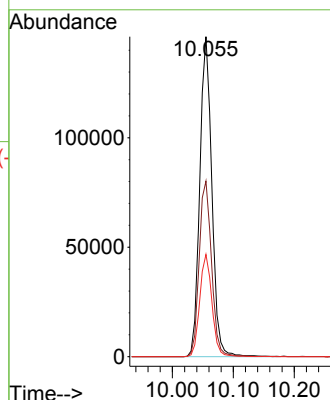
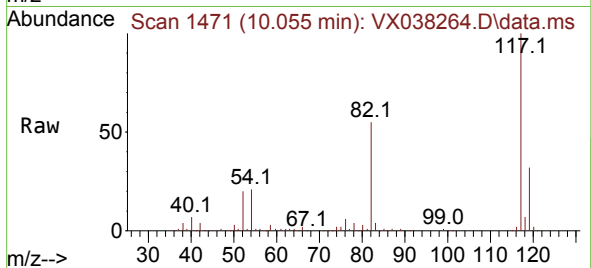




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

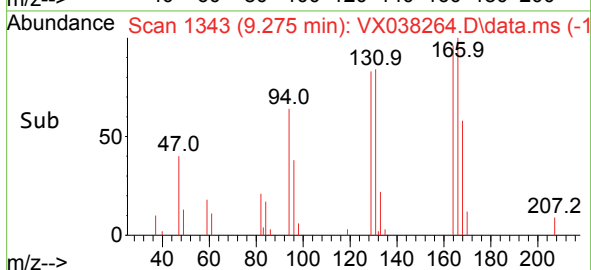
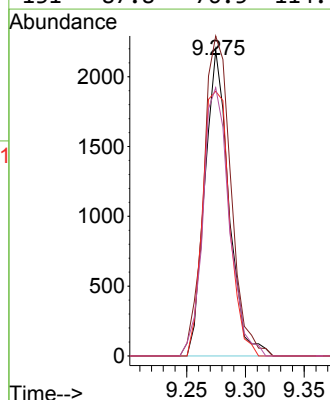
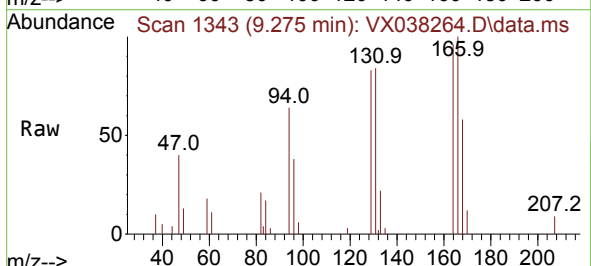
Instrument :
MSVOA_X
ClientSampleId :

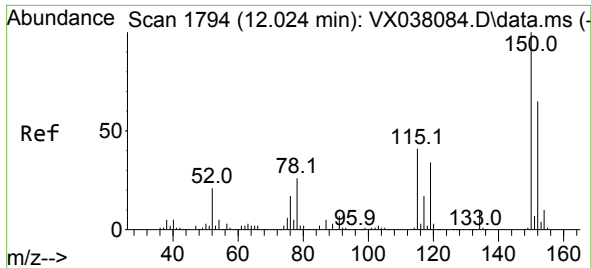
Tgt Ion:117 Resp: 200958
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 2.400 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

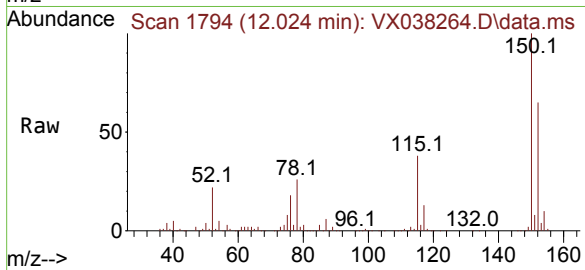
Tgt Ion:164 Resp: 3122
Ion Ratio Lower Upper
164 100
166 104.7 102.7 154.1
129 86.6 80.4 120.6
131 87.8 76.5 114.7



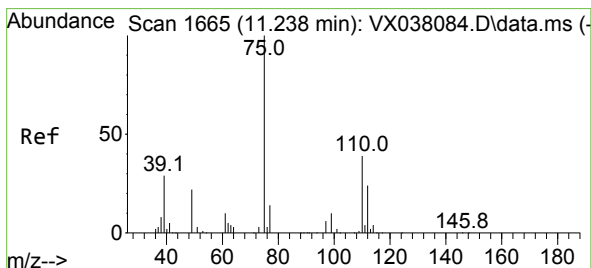
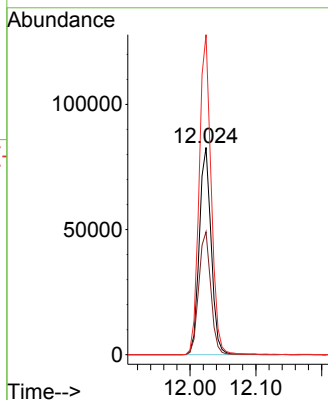
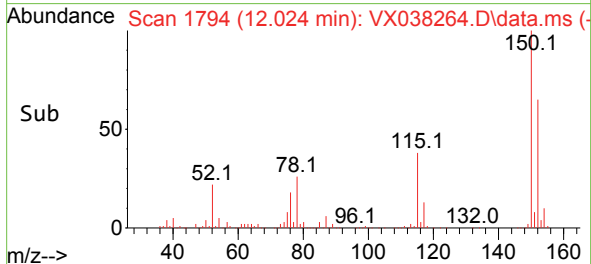


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX038264.D
 Acq: 12 Oct 2023 18:09

Instrument :
 MSVOA_X
 ClientSampleId :

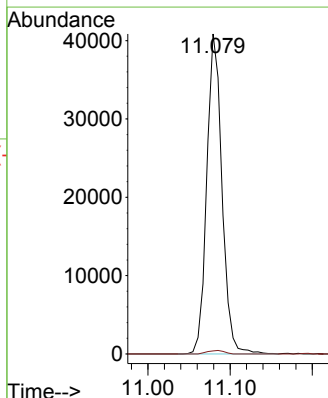
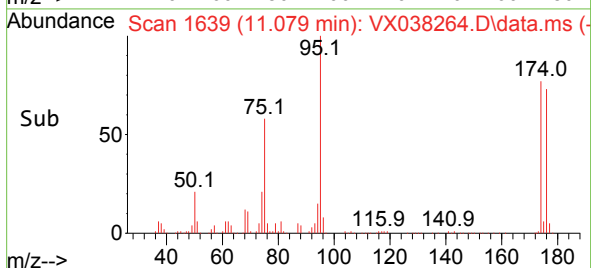
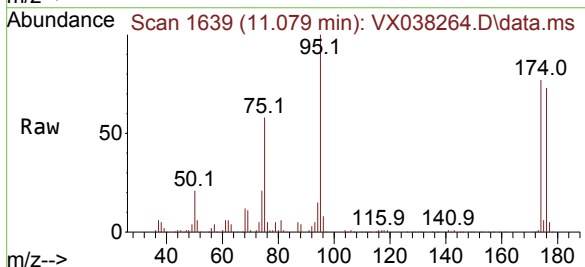


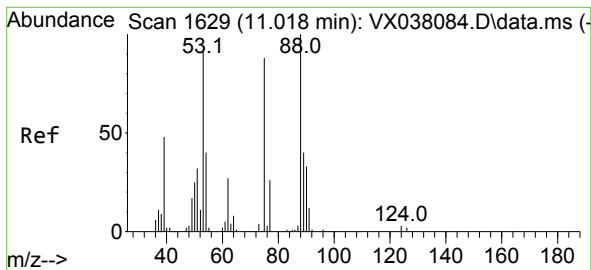
Tgt Ion:152 Resp: 104314
 Ion Ratio Lower Upper
 152 100
 115 60.0 43.3 129.9
 150 155.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.161 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038264.D
 Acq: 12 Oct 2023 18:09

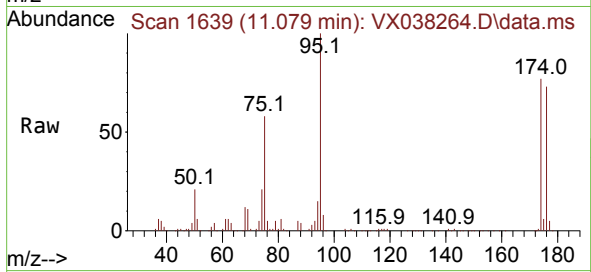
Tgt Ion: 75 Resp: 52554
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.523 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 52554
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

