

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037864.D
 Acq On : 22 Sep 2023 09:17
 Operator : JC/MD
 Sample : VX0922MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 23 01:19:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

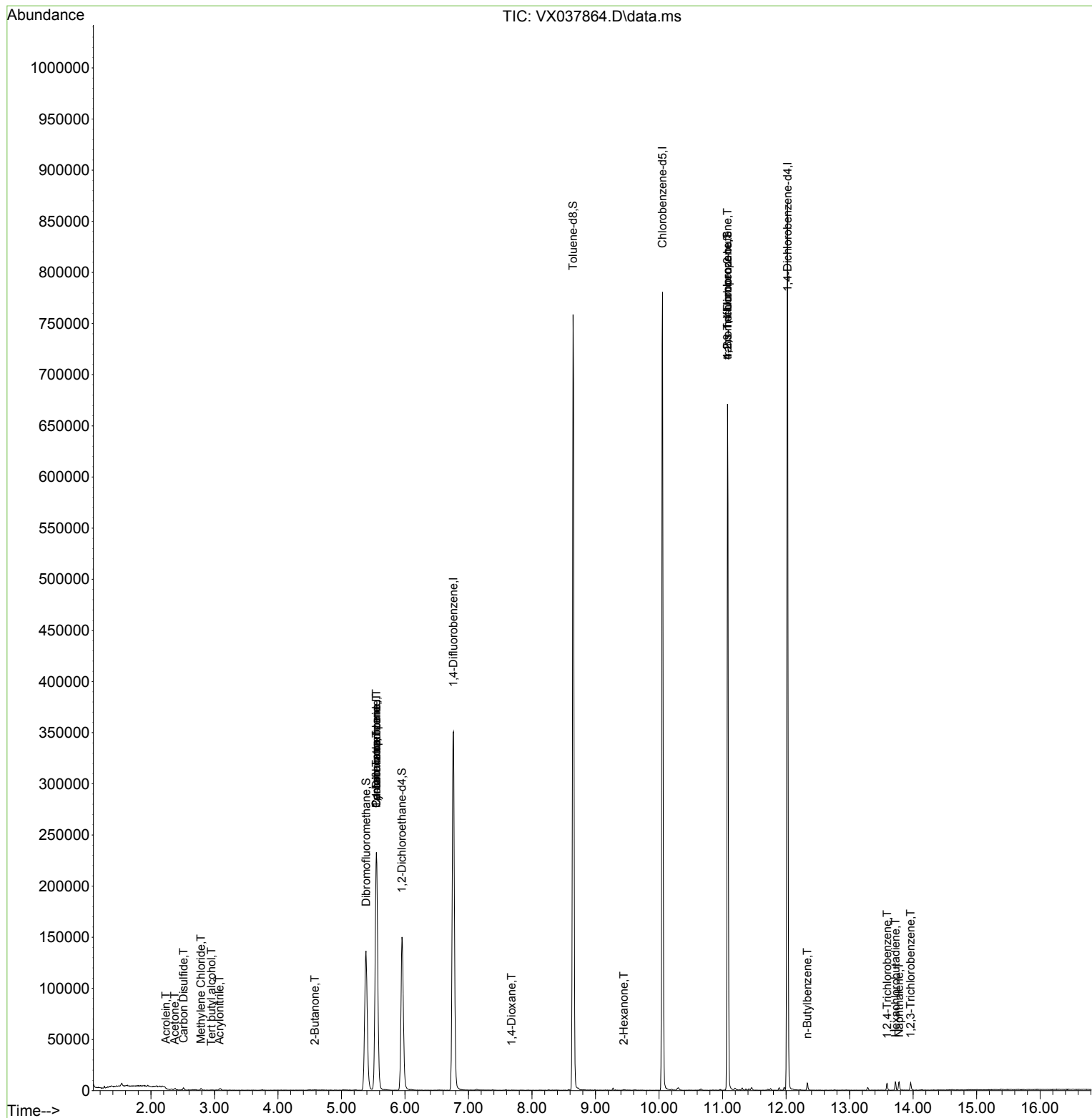
Internal Standards						
1) Pentafluorobenzene	5.550	168	227565	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	379407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	137635	46.034	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.060%
35) Dibromofluoromethane	5.385	113	118809	46.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	8.647	98	459783	48.744	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.480%
62) 4-Bromofluorobenzene	11.079	95	168901	49.276	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.560%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	244	0.380	ug/l	# 78
13) Acrolein	2.233	56	380	0.599	ug/l	# 1
15) Acrylonitrile	3.081	53	687	0.481	ug/l	94
16) Acetone	2.373	43	1525	1.060	ug/l	90
17) Carbon Disulfide	2.514	76	2430	0.437	ug/l	99
20) Methylene Chloride	2.788	84	757	0.260	ug/l	# 75
25) 2-Butanone	4.580	43	754	0.371	ug/l	# 51
31) Cyclohexane	5.550	56	4809	1.253	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	17653	5.048	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	22822	6.237	ug/l	# 16
49) 1,4-Dioxane	7.677	88	123	1.597	ug/l	# 12
59) 2-Hexanone	9.445	43	729	0.240	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	86853	20.253	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	86853	64.876	ug/l	# 5
89) n-Butylbenzene	12.335	91	2513	0.244	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	1950	0.517	ug/l	90
94) Hexachlorobutadiene	13.725	225	1292	0.733	ug/l	98
95) Naphthalene	13.780	128	6040	0.473	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1948	0.501	ug/l	97

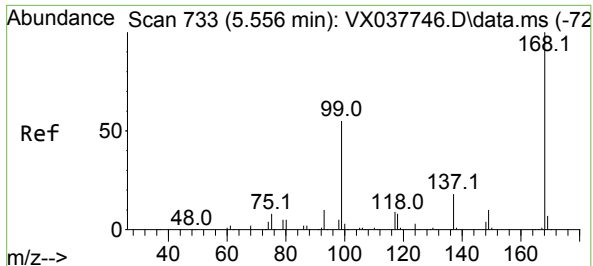
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
Data File : VX037864.D
Acq On : 22 Sep 2023 09:17
Operator : JC/MD
Sample : VX0922MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

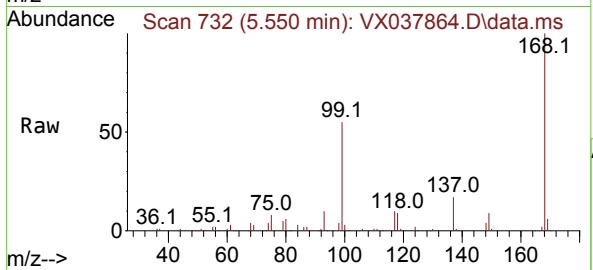
Quant Time: Sep 23 01:19:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



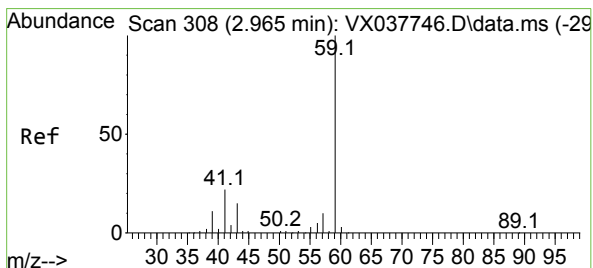
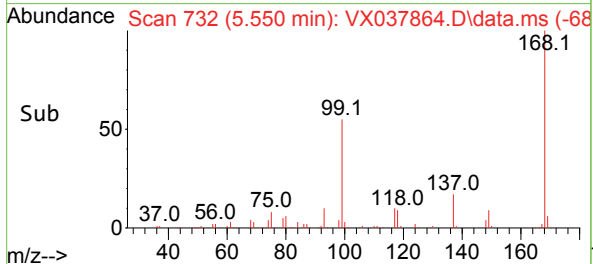
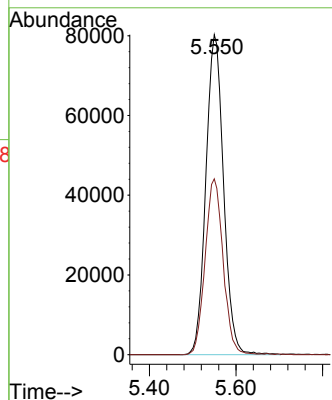


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :

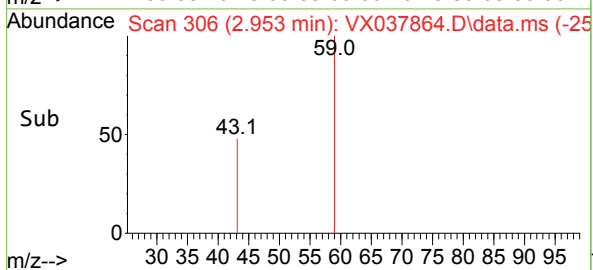
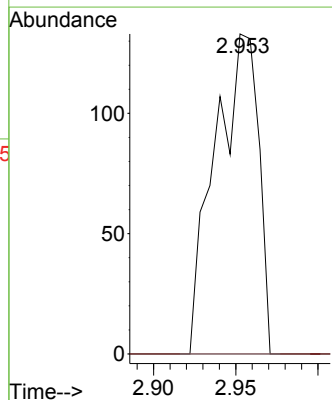
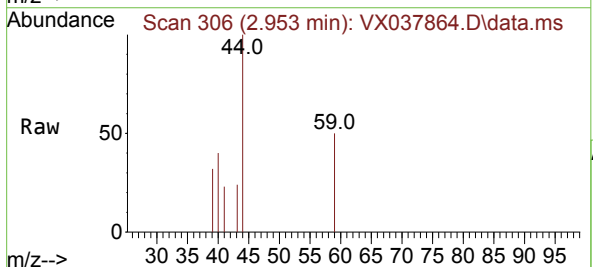


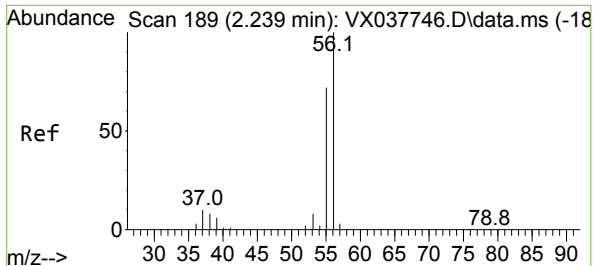
Tgt Ion:168 Resp: 227565
Ion Ratio Lower Upper
168 100
99 54.9 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.380 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

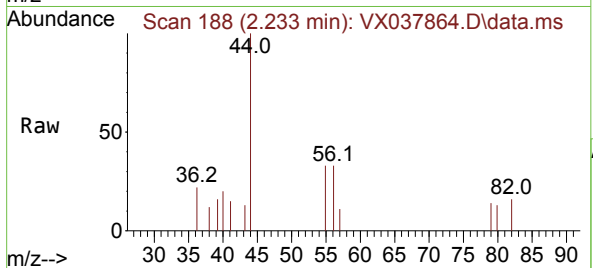
Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



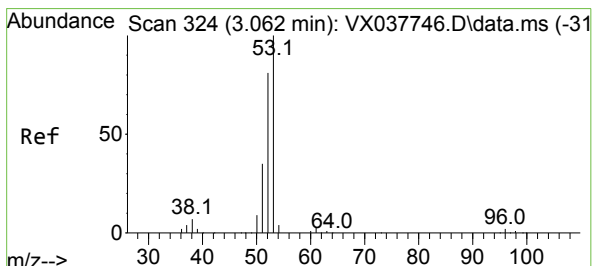
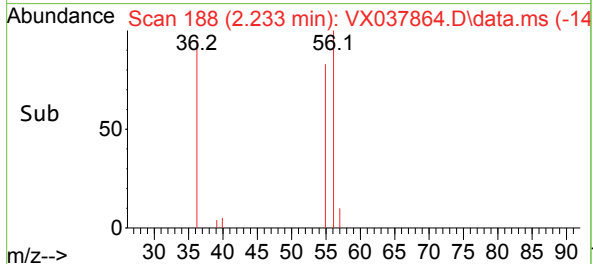
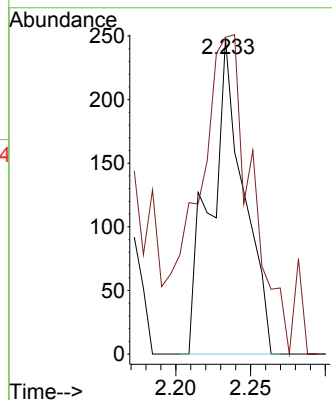


#13
Acrolein
Concen: 0.599 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :

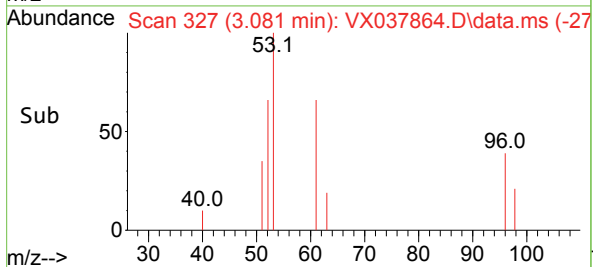
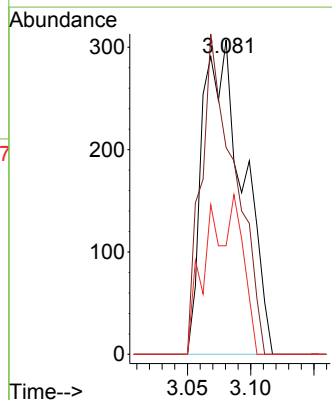
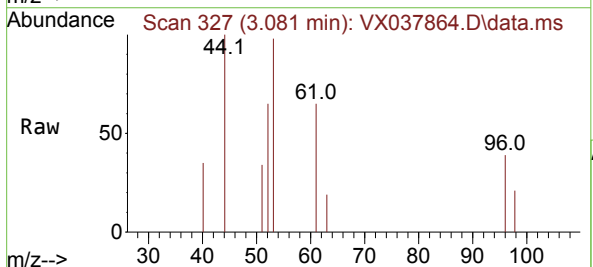


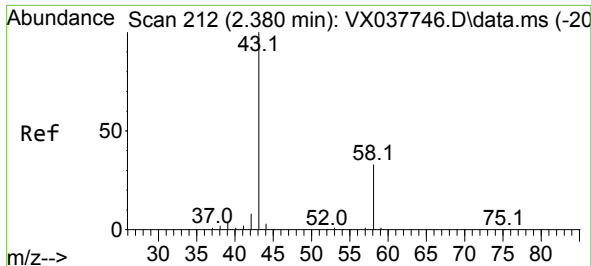
Tgt Ion: 56 Resp: 380
Ion Ratio Lower Upper
56 100
55 159.2 57.1 85.7#



#15
Acrylonitrile
Concen: 0.481 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.012 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

Tgt Ion: 53 Resp: 687
Ion Ratio Lower Upper
53 100
52 84.9 66.0 99.0
51 44.4 29.8 44.6

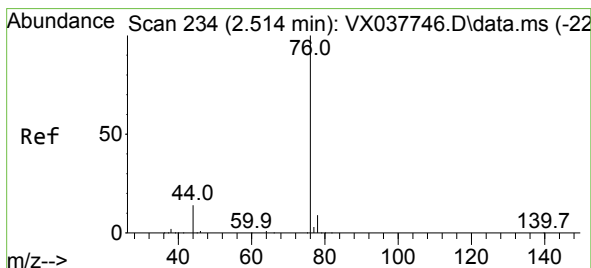
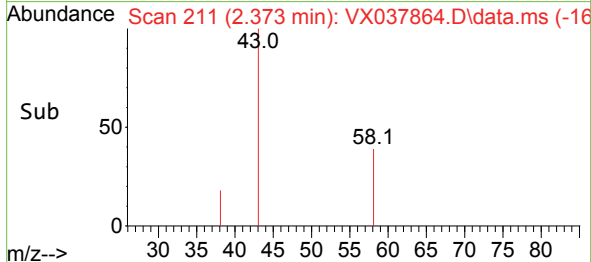
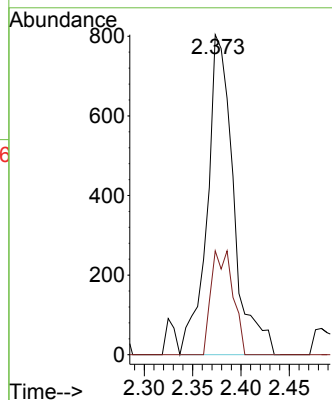
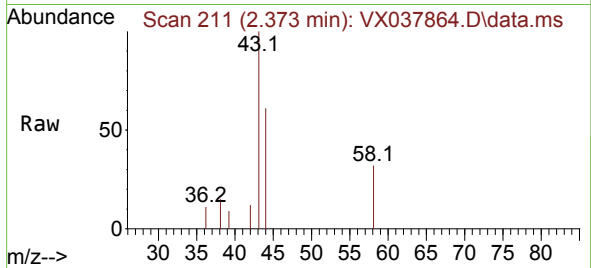




#16
Acetone
Concen: 1.060 ug/l
RT: 2.373 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

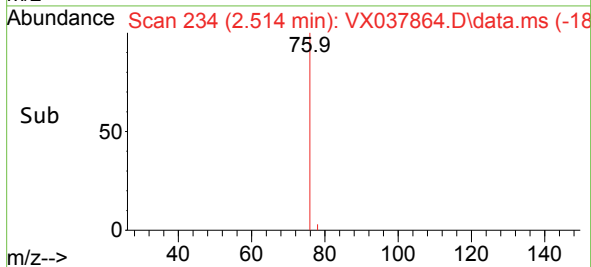
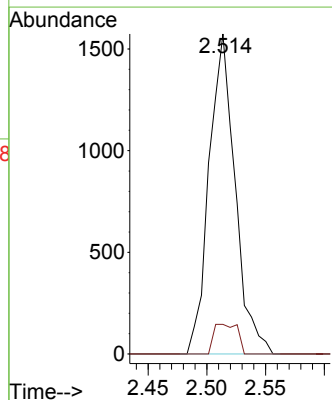
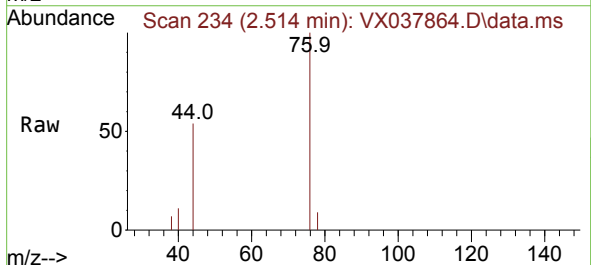
Instrument :
MSVOA_X
ClientSampleId :

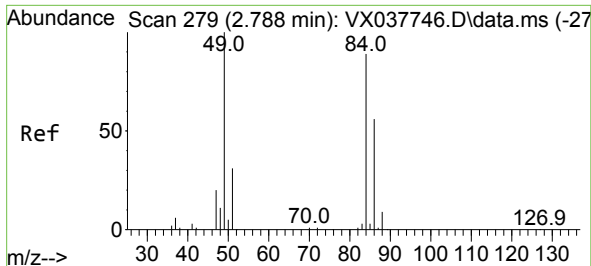
Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9



#17
Carbon Disulfide
Concen: 0.437 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

Tgt Ion: 76 Resp: 2430
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6





#20

Methylene Chloride

Concen: 0.260 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

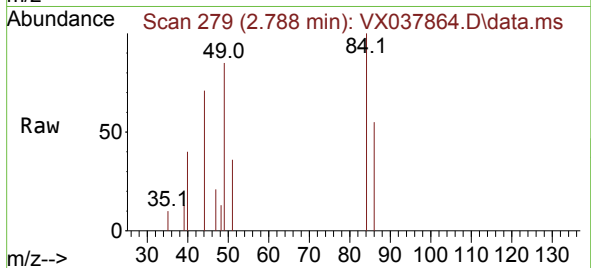
Lab File: VX037864.D

Acq: 22 Sep 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 757

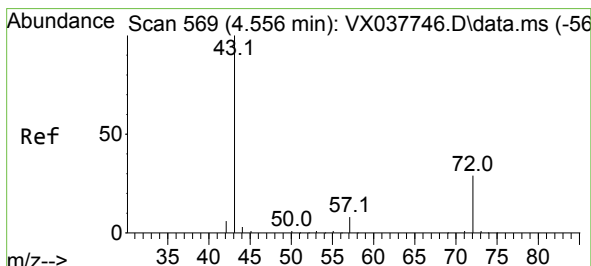
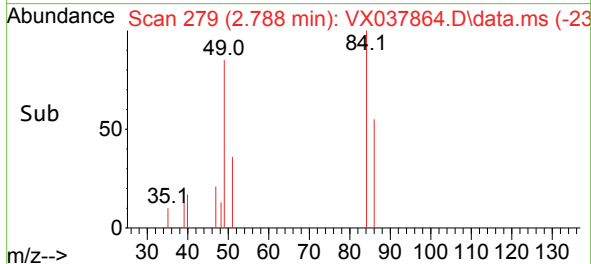
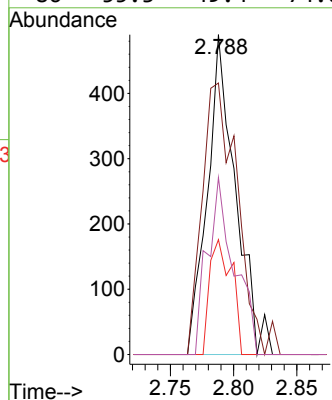
Ion Ratio Lower Upper

84 100

49 84.9 103.6 155.4#

51 35.9 33.8 50.6

86 55.3 49.4 74.0



#25

2-Butanone

Concen: 0.371 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX037864.D

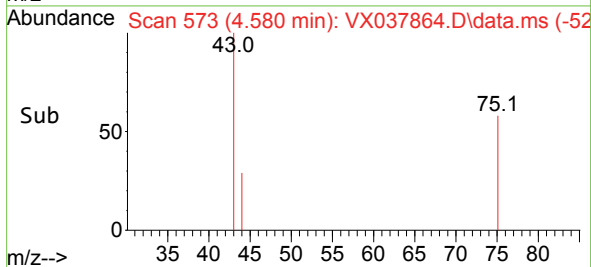
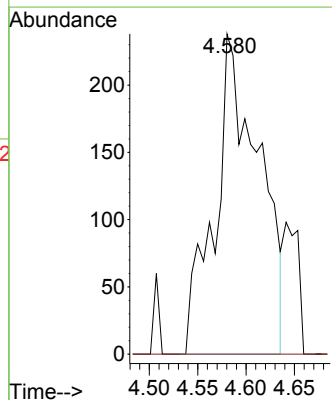
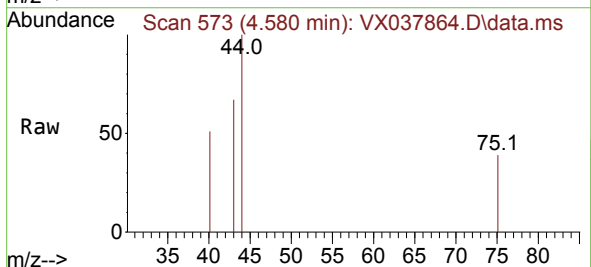
Acq: 22 Sep 2023 09:17

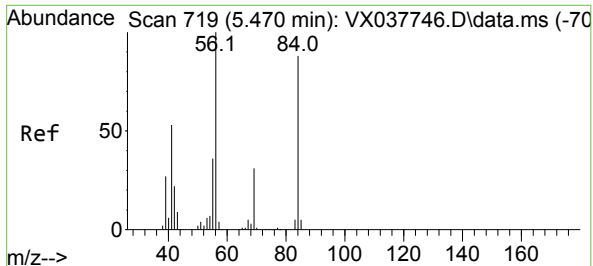
Tgt Ion: 43 Resp: 754

Ion Ratio Lower Upper

43 100

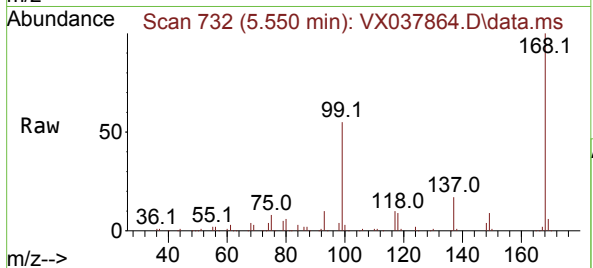
72 0.0 19.4 29.2#



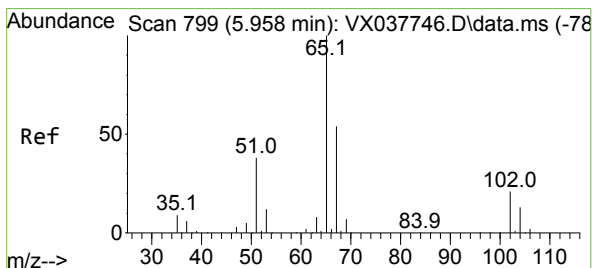
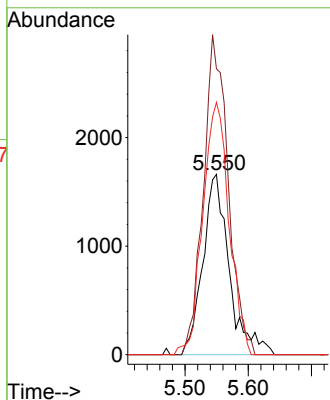
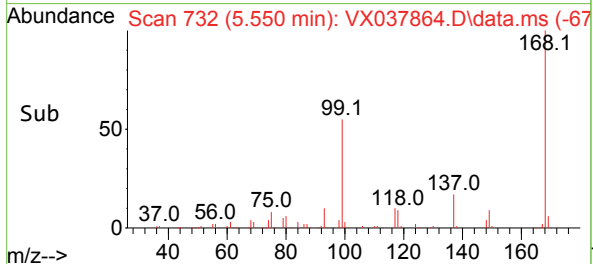


#31
Cyclohexane
Concen: 1.253 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :

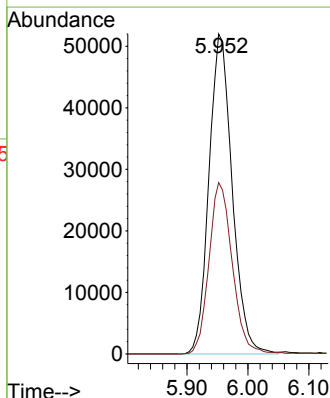
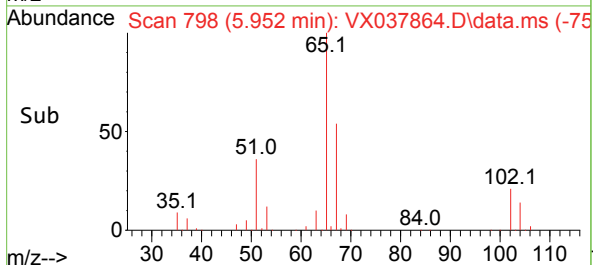
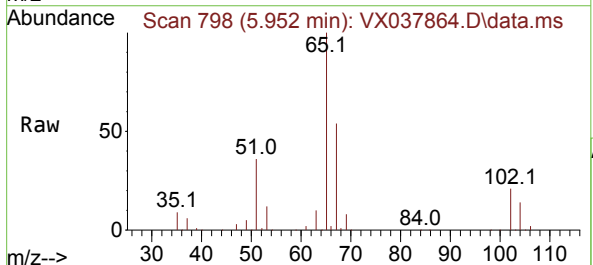


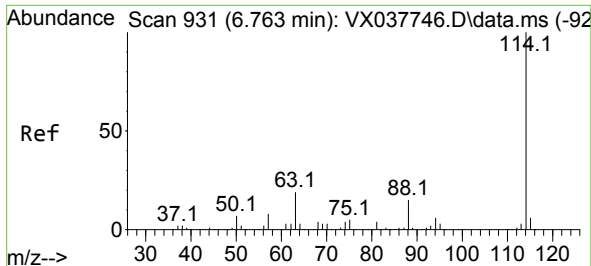
Tgt Ion: 56 Resp: 4809
Ion Ratio Lower Upper
56 100
69 158.6 23.4 35.2#
84 139.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.034 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

Tgt Ion: 65 Resp: 137635
Ion Ratio Lower Upper
65 100
67 53.8 0.0 100.2

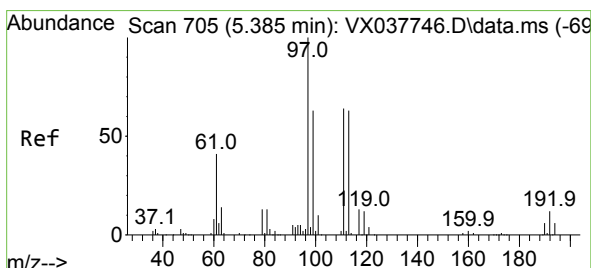
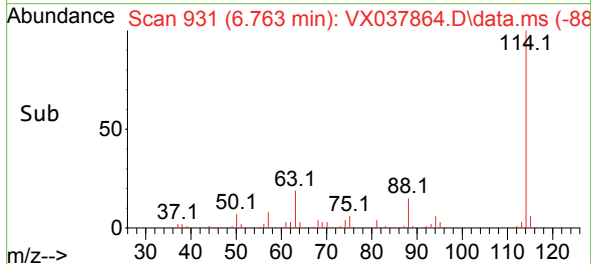
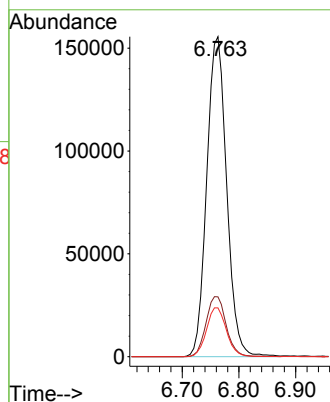
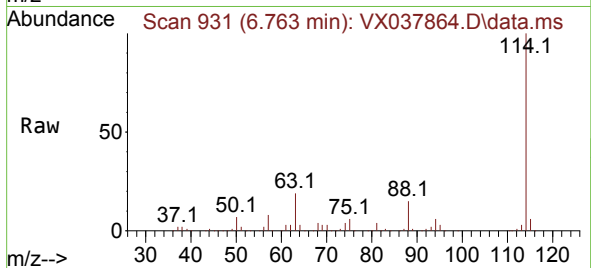




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

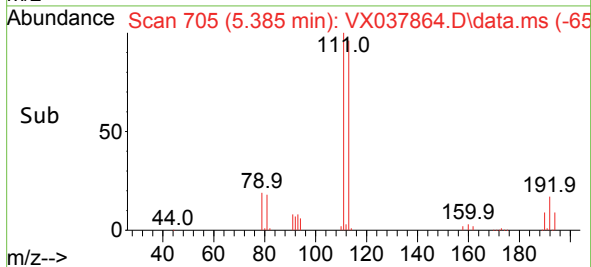
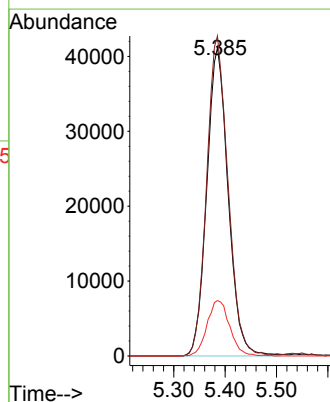
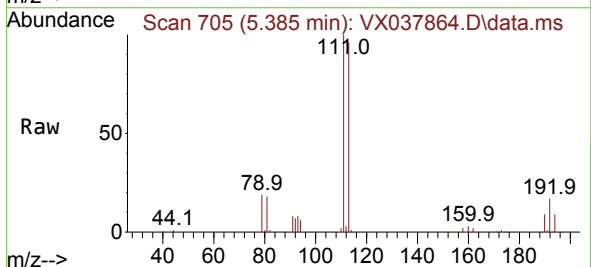
Instrument :
MSVOA_X
ClientSampleId :

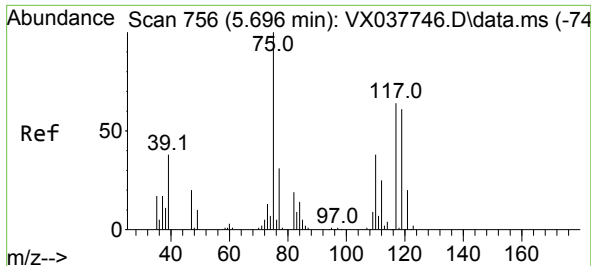
Tgt Ion:114 Resp: 379407
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.800 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

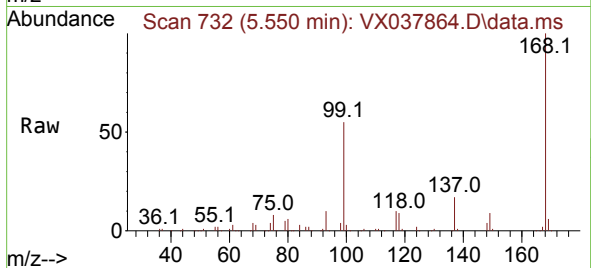
Tgt Ion:113 Resp: 118809
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 19.0 13.3 19.9



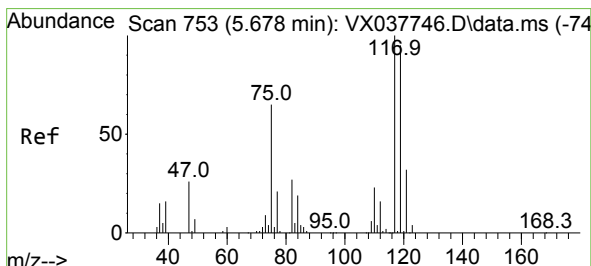
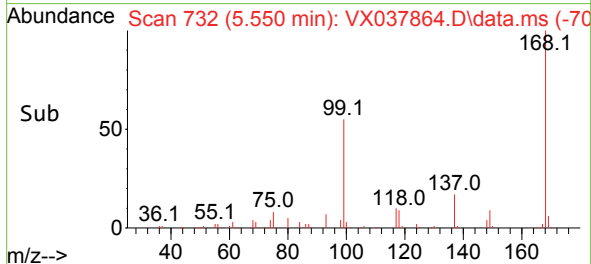
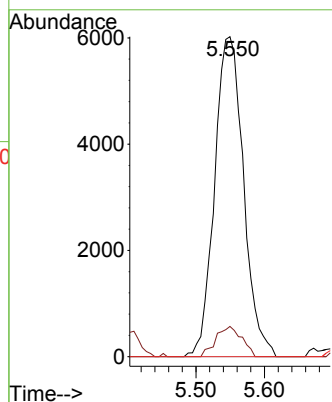


#36
1,1-Dichloropropene
Concen: 5.048 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :

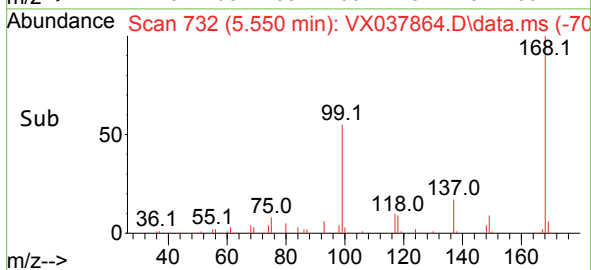
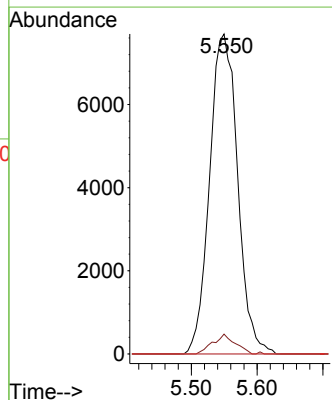
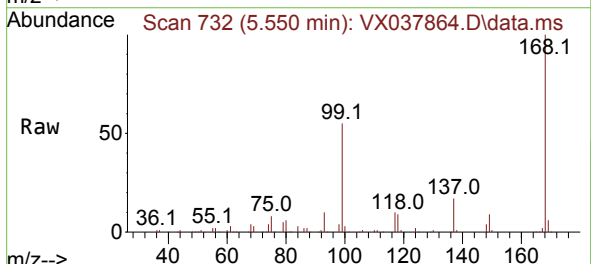


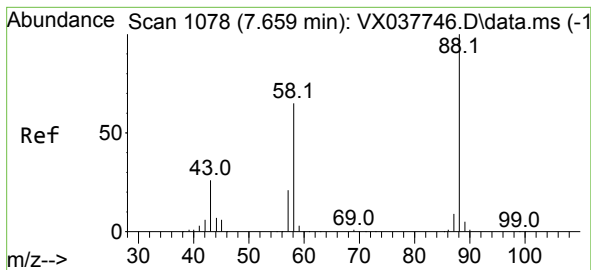
Tgt Ion: 75 Resp: 17653
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.237 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

Tgt Ion: 117 Resp: 22822
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 1.597 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX037864.D

Acq: 22 Sep 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

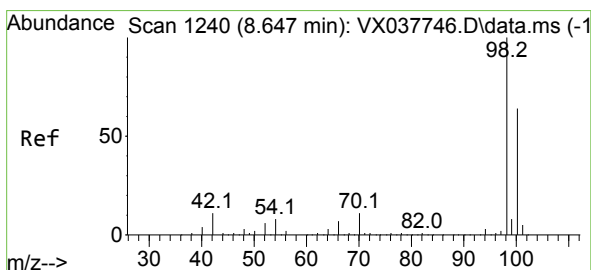
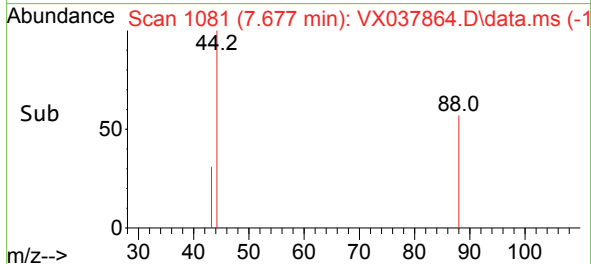
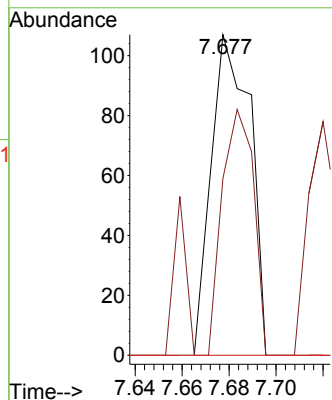
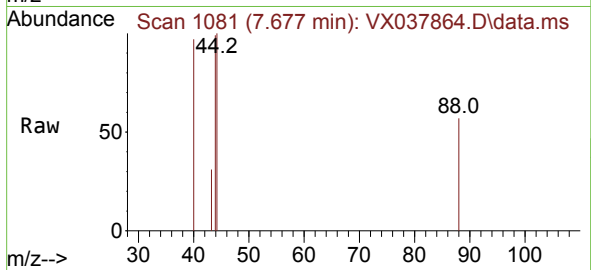
Tgt Ion: 88 Resp: 123

Ion Ratio Lower Upper

88 100

43 61.8 0.0 0.0#

58 0.0 60.1 90.1#



#50

Toluene-d8

Concen: 48.744 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037864.D

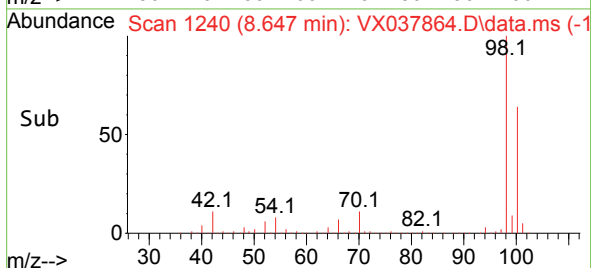
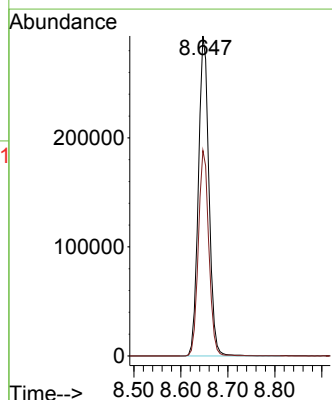
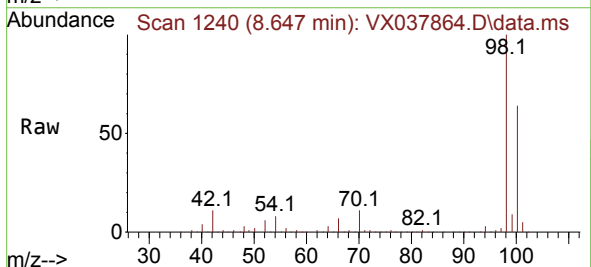
Acq: 22 Sep 2023 09:17

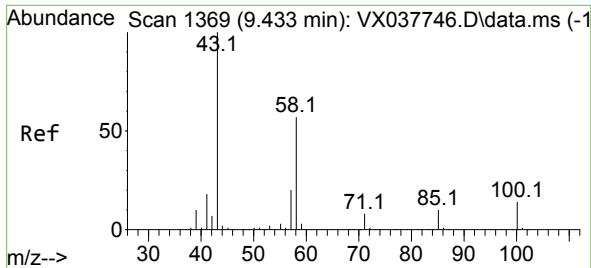
Tgt Ion: 98 Resp: 459783

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7





#59

2-Hexanone

Concen: 0.240 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.012 min

Lab File: VX037864.D

Acq: 22 Sep 2023 09:17

Instrument :

MSVOA_X

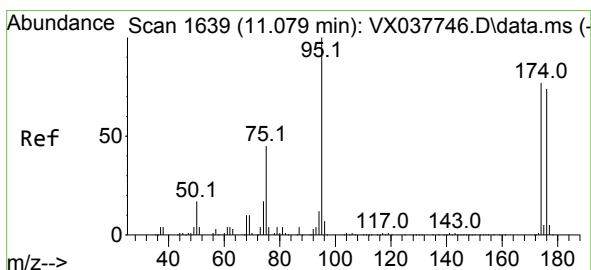
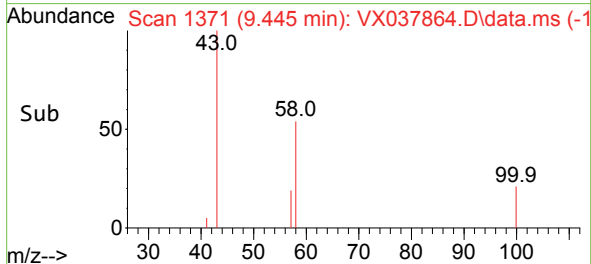
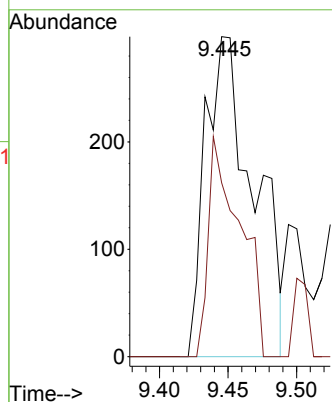
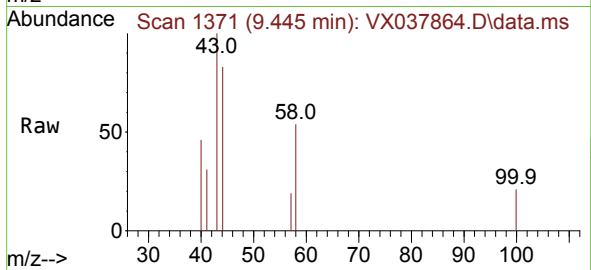
ClientSampleId :

Tgt Ion: 43 Resp: 729

Ion Ratio Lower Upper

43 100

58 45.4 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 49.276 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037864.D

Acq: 22 Sep 2023 09:17

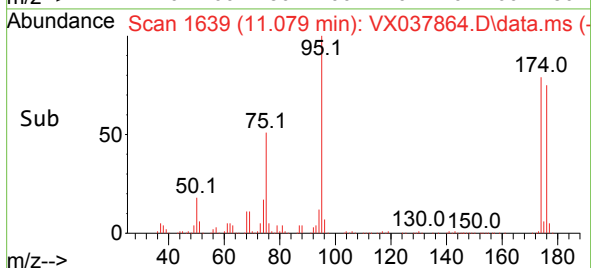
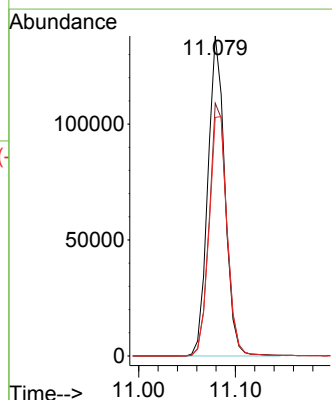
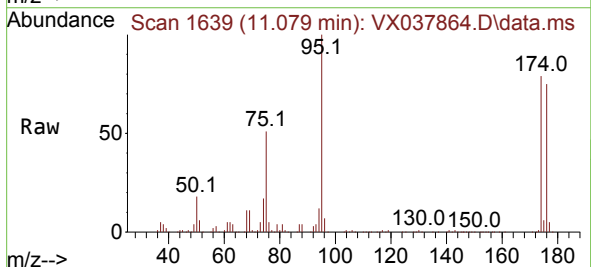
Tgt Ion: 95 Resp: 168901

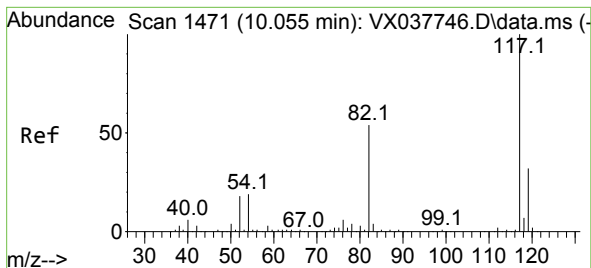
Ion Ratio Lower Upper

95 100

174 81.6 0.0 135.6

176 80.0 0.0 131.0

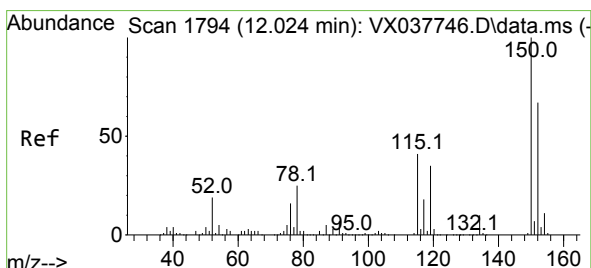
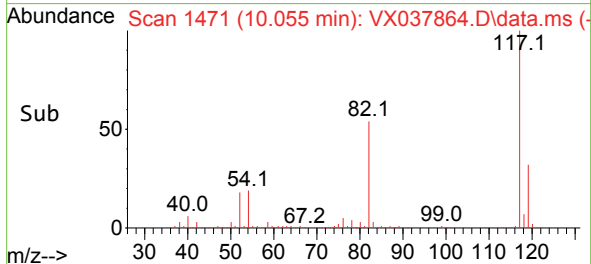
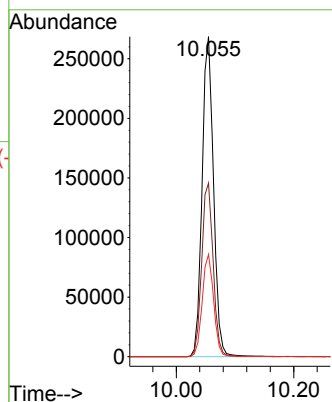
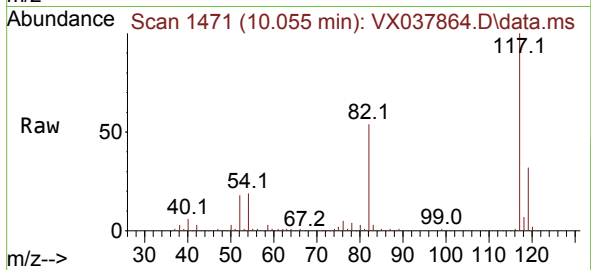




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

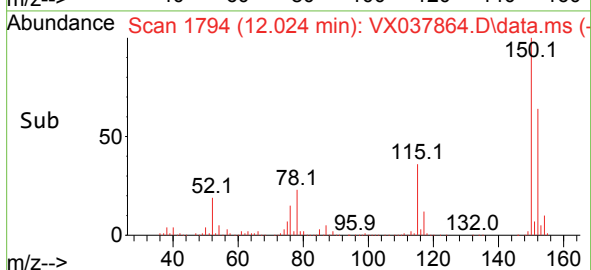
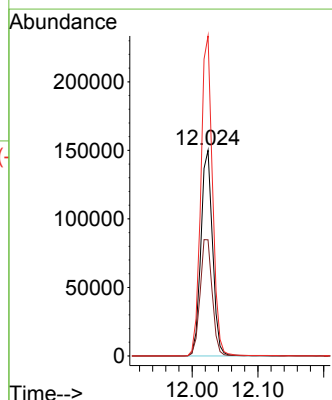
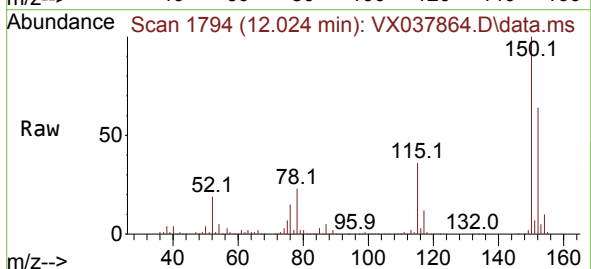
Instrument :
MSVOA_X
ClientSampleId :

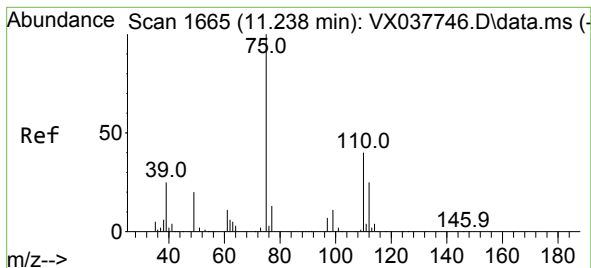
Tgt Ion:117 Resp: 362968
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

Tgt Ion:152 Resp: 185417
Ion Ratio Lower Upper
152 100
115 58.8 43.3 129.9
150 155.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.253 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037864.D

Acq: 22 Sep 2023 09:17

Instrument :

MSVOA_X

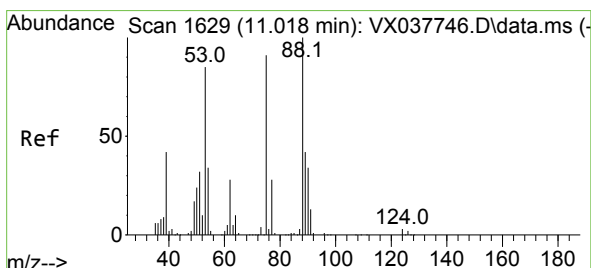
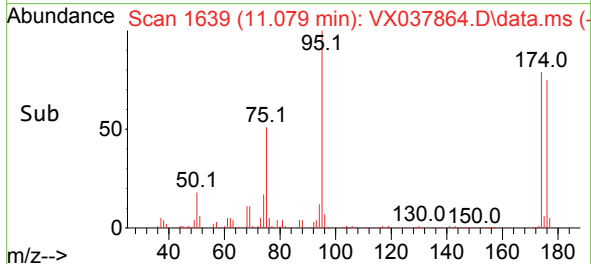
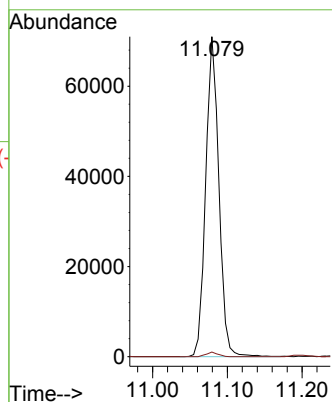
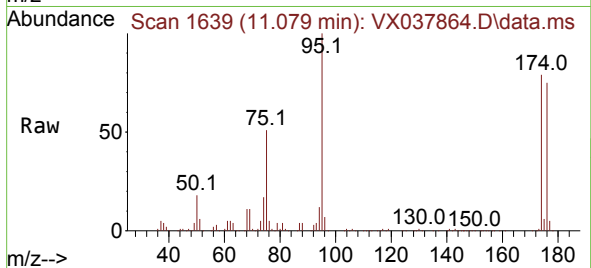
ClientSampleId :

Tgt Ion: 75 Resp: 86853

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.876 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037864.D

Acq: 22 Sep 2023 09:17

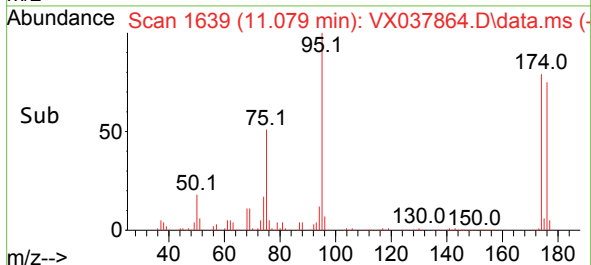
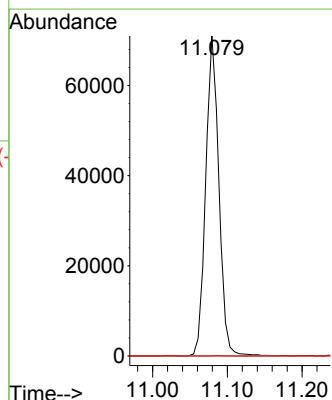
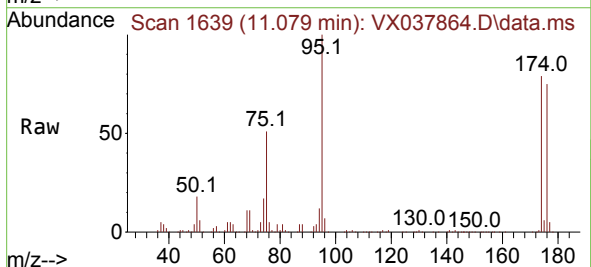
Tgt Ion: 75 Resp: 86853

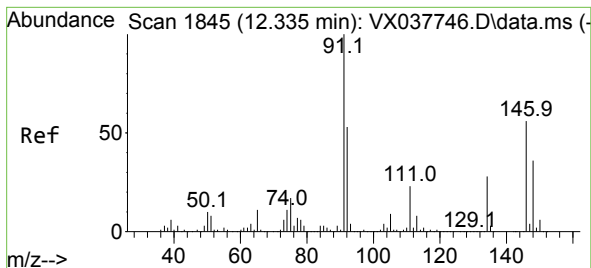
Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.244 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037864.D

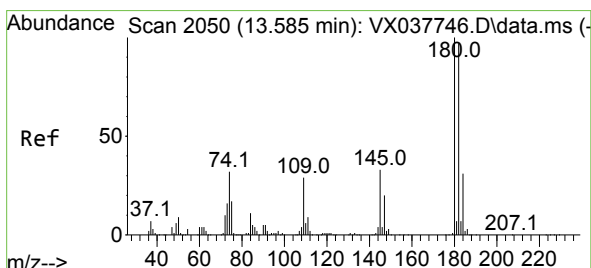
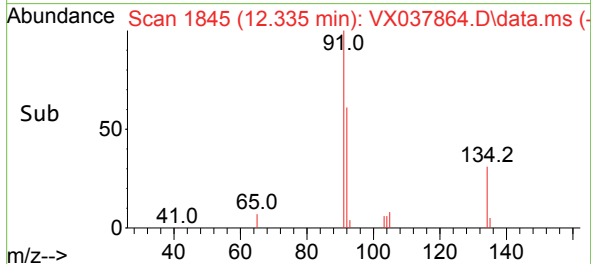
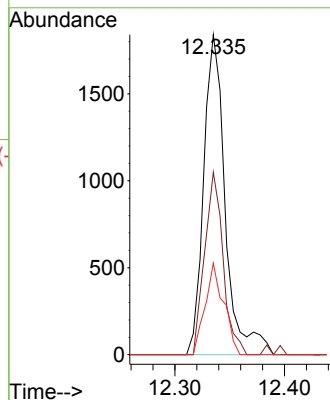
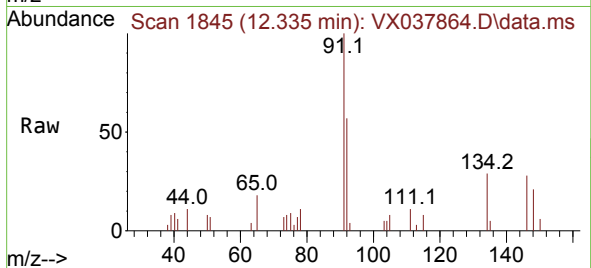
Acq: 22 Sep 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	91	Resp:	2513
Ion	Ratio	Lower	Upper
91	100		
92	48.9	27.4	82.0
134	24.7	12.6	37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.517 ug/l

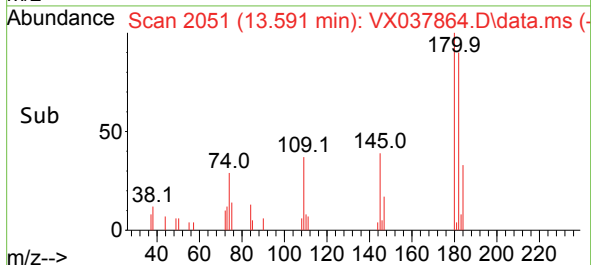
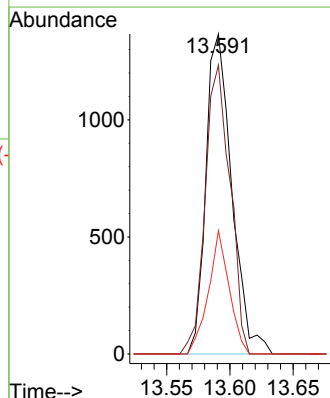
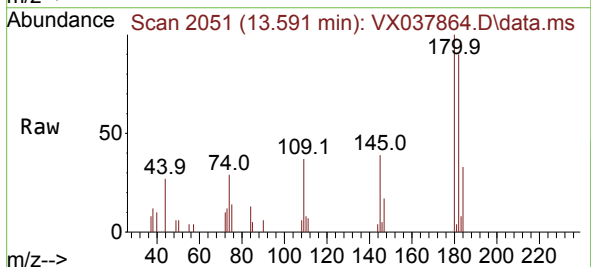
RT: 13.591 min Scan# 2051

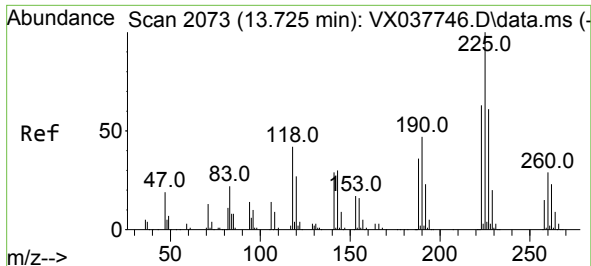
Delta R.T. -0.000 min

Lab File: VX037864.D

Acq: 22 Sep 2023 09:17

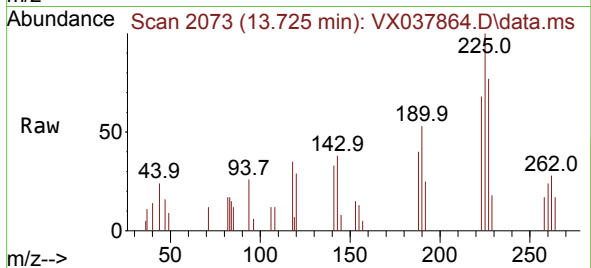
Tgt Ion:	180	Resp:	1950
Ion	Ratio	Lower	Upper
180	100		
182	86.6	48.3	144.8
145	30.9	18.0	54.0



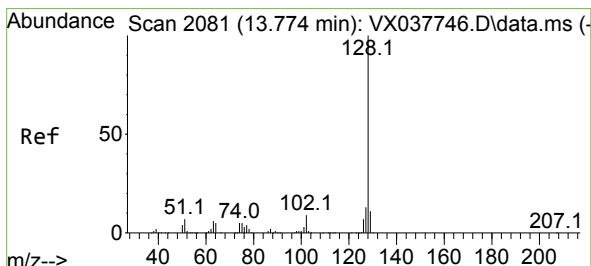
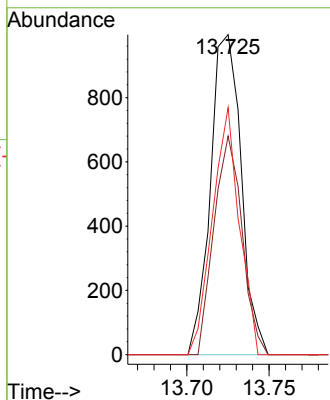
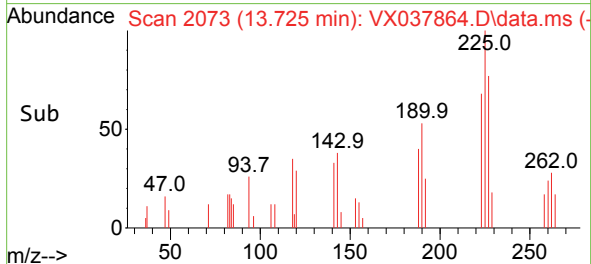


#94
Hexachlorobutadiene
Concen: 0.733 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17

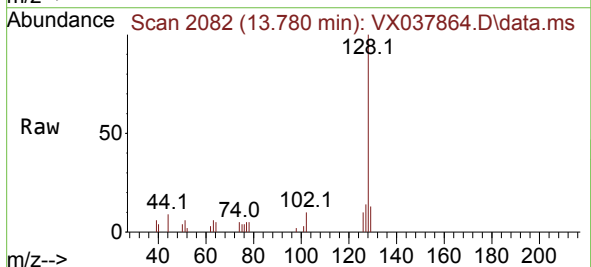
Instrument :
MSVOA_X
ClientSampleId :



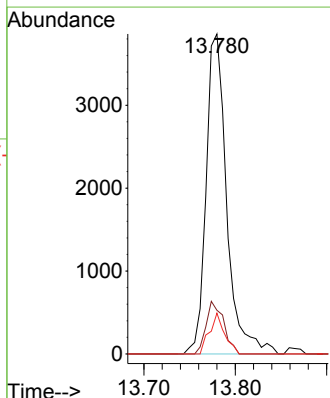
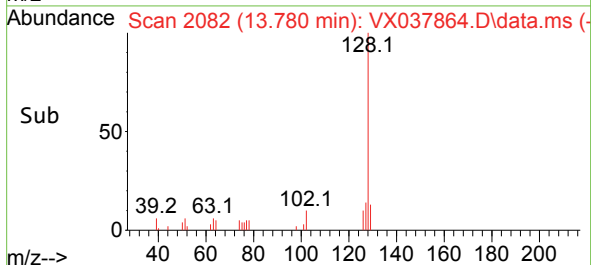
Tgt Ion:225 Resp: 1292
Ion Ratio Lower Upper
225 100
223 62.5 31.1 93.2
227 67.9 32.5 97.5

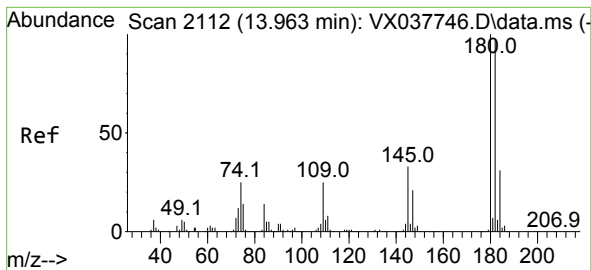


#95
Naphthalene
Concen: 0.473 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX037864.D
Acq: 22 Sep 2023 09:17



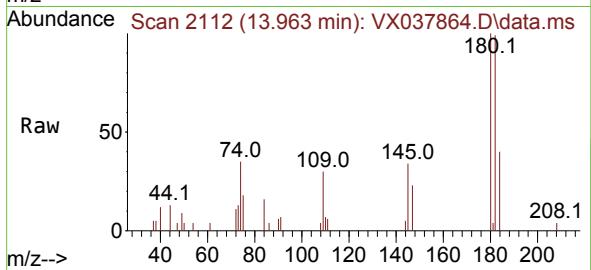
Tgt Ion:128 Resp: 6040
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 9.3 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.501 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX037864.D
 Acq: 22 Sep 2023 09:17

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1948
Ion Ratio	Lower	Upper	
180	100		
182	96.9	46.9	140.6
145	36.6	17.8	53.5

