

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034842.D
 Acq On : 30 Mar 2023 10:48
 Operator : JC/MD
 Sample : VX0330MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBL01

Quant Time: Mar 31 01:28:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

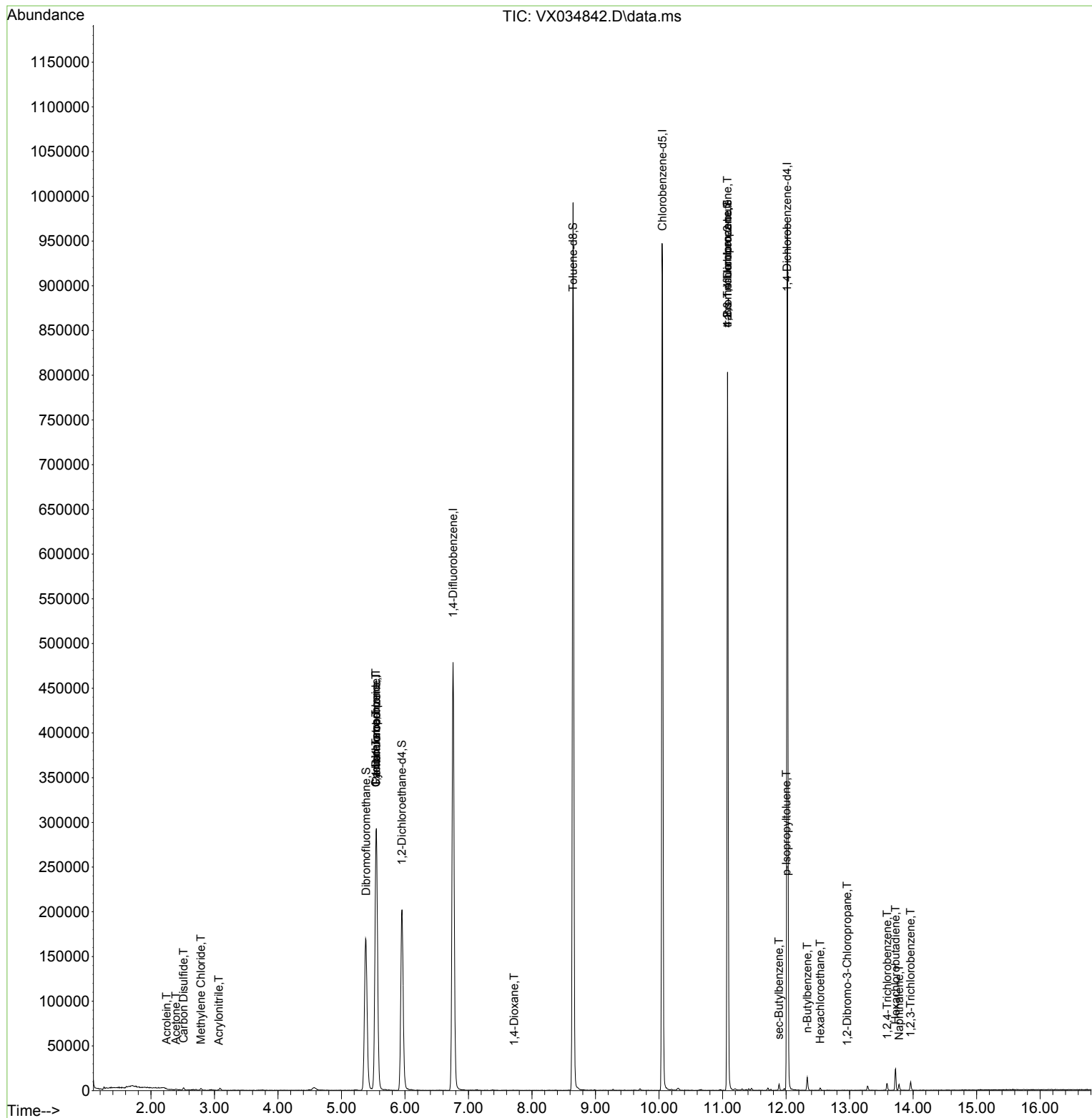
Internal Standards						
1) Pentafluorobenzene	5.550	168	272383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	462470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	417491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	187247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	194037	46.580	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.160%		
35) Dibromofluoromethane	5.385	113	148527	48.556	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.120%		
50) Toluene-d8	8.647	98	557973	49.420	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.840%		
62) 4-Bromofluorobenzene	11.079	95	205565	47.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.100%		
Target Compounds						
					Qvalue	
13) Acrolein	2.245	56	466	0.619	ug/l	93
15) Acrylonitrile	3.069	53	755	0.464	ug/l #	76
16) Acetone	2.392	43	1079	0.640	ug/l	99
17) Carbon Disulfide	2.514	76	3050	0.431	ug/l	95
20) Methylene Chloride	2.788	84	932	0.276	ug/l #	79
31) Cyclohexane	5.544	56	7074	1.395	ug/l #	9
36) 1,1-Dichloropropene	5.544	75	23709	5.249	ug/l #	50
38) Carbon Tetrachloride	5.544	117	28768	6.705	ug/l #	16
49) 1,4-Dioxane	7.720	88	20	0.256	ug/l #	23
76) 1,2,3-Trichloropropane	11.079	75	112582	29.362	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	112582	78.571	ug/l #	8
85) sec-Butylbenzene	11.890	105	3430	0.262	ug/l	99
86) p-Isopropyltoluene	12.006	119	2913	0.268	ug/l #	66
89) n-Butylbenzene	12.335	91	6057	0.639	ug/l	96
90) Hexachloroethane	12.536	117	351	0.924	ug/l #	41
92) 1,2-Dibromo-3-Chloropr...	12.963	75	41	2.112	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1974	0.558	ug/l	93
94) Hexachlorobutadiene	13.725	225	3132	2.101	ug/l	98
95) Naphthalene	13.780	128	4415	0.355	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2308	0.652	ug/l	96

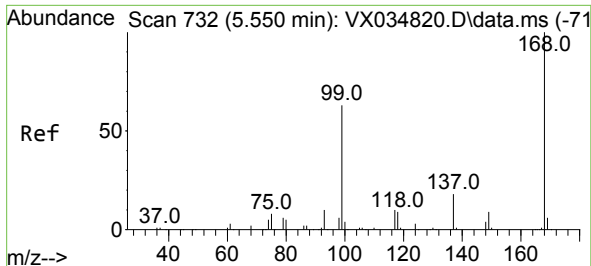
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
Data File : VX034842.D
Acq On : 30 Mar 2023 10:48
Operator : JC/MD
Sample : VX0330MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBL01

Quant Time: Mar 31 01:28:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 30 11:02:25 2023
Response via : Initial Calibration

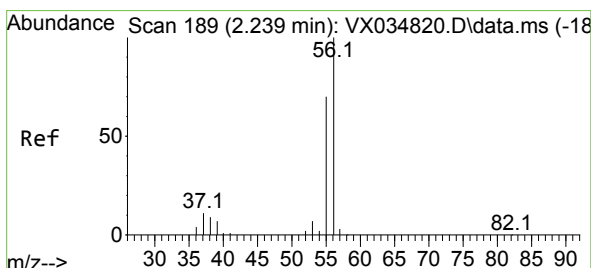
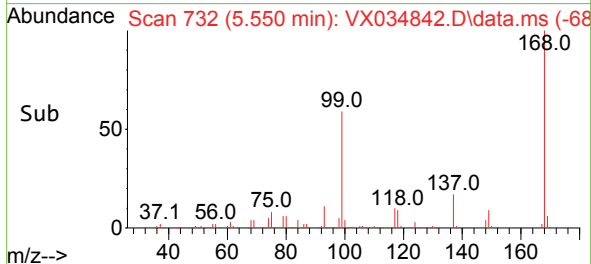
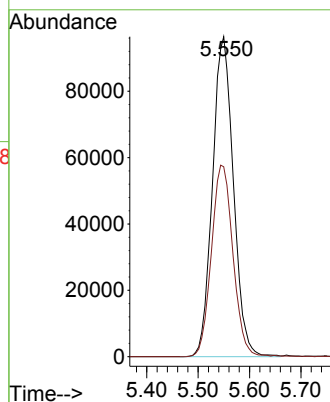
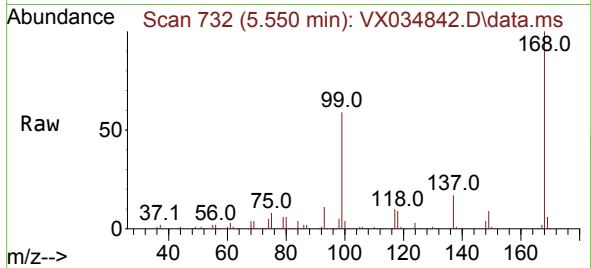




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034842.D
Acq: 30 Mar 2023 10:48

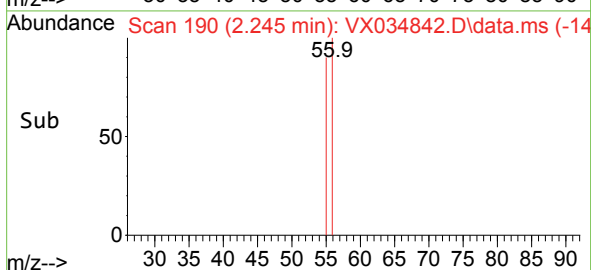
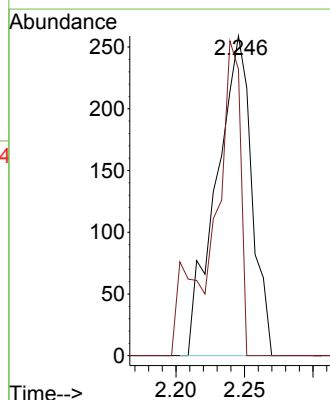
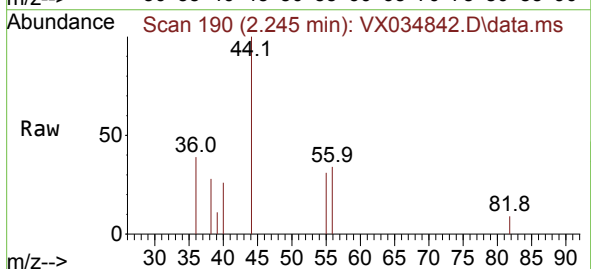
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBL01

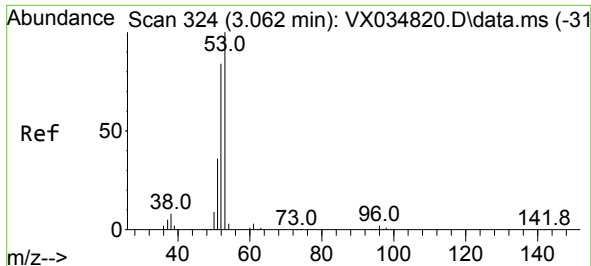
Tgt Ion:168 Resp: 272383
Ion Ratio Lower Upper
168 100
99 59.3 45.7 68.5



#13
Acrolein
Concen: 0.619 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX034842.D
Acq: 30 Mar 2023 10:48

Tgt Ion: 56 Resp: 466
Ion Ratio Lower Upper
56 100
55 76.4 56.6 85.0





#15

Acrylonitrile

Concen: 0.464 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034842.D

Acq: 30 Mar 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBL01

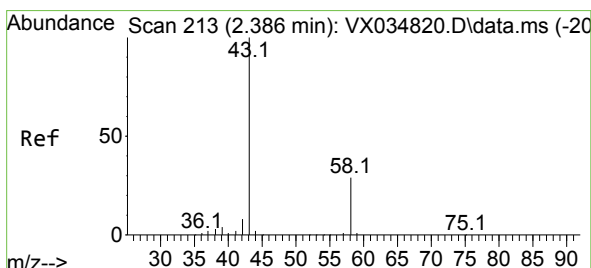
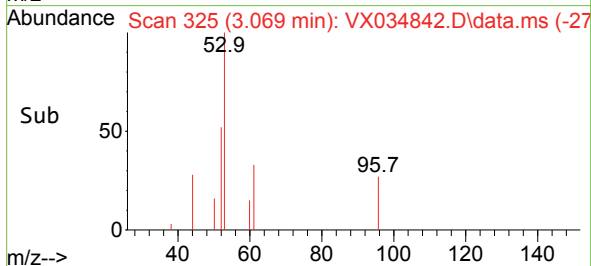
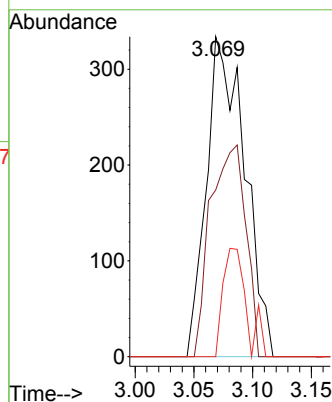
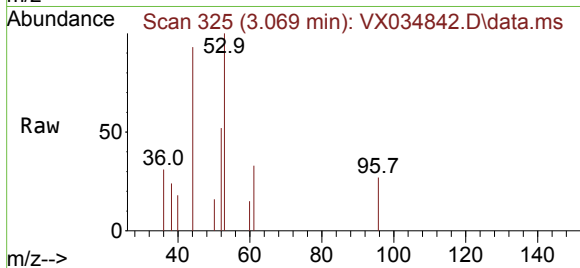
Tgt Ion: 53 Resp: 755

Ion Ratio Lower Upper

53 100

52 61.1 66.2 99.2#

51 20.5 28.3 42.5#



#16

Acetone

Concen: 0.640 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX034842.D

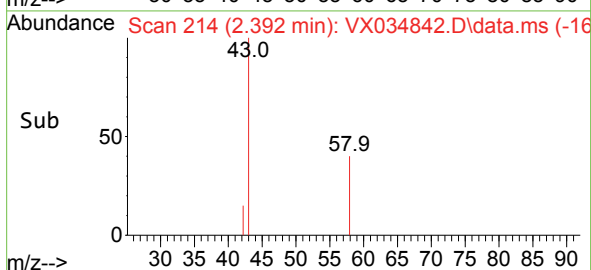
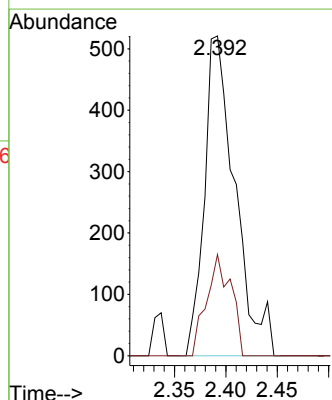
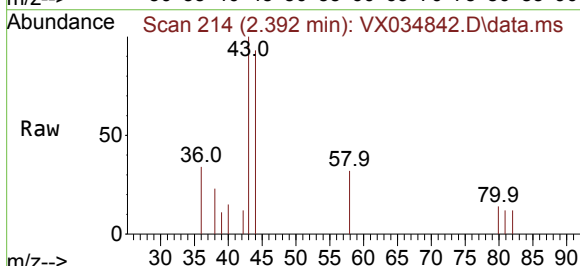
Acq: 30 Mar 2023 10:48

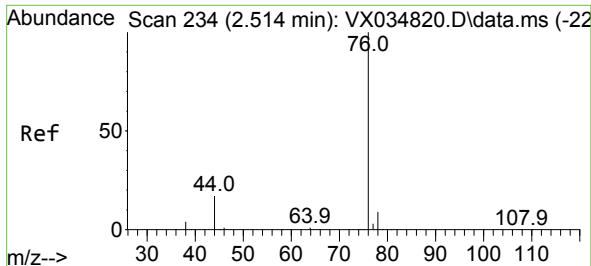
Tgt Ion: 43 Resp: 1079

Ion Ratio Lower Upper

43 100

58 31.7 24.7 37.1





#17

Carbon Disulfide

Concen: 0.431 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034842.D

Acq: 30 Mar 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

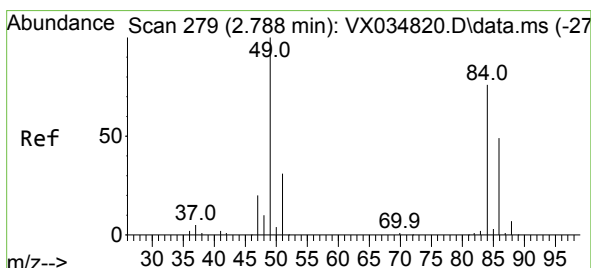
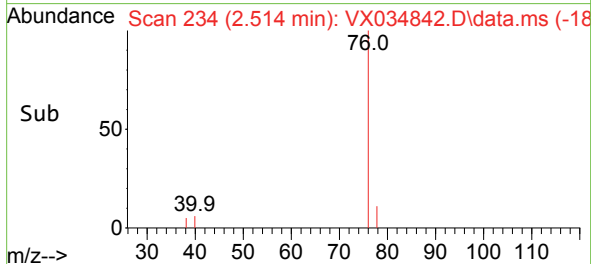
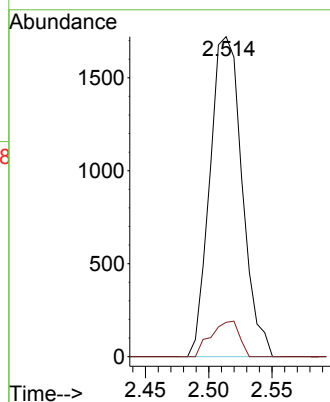
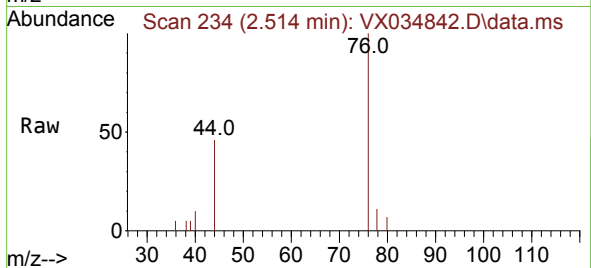
VX0330MBL01

Tgt Ion: 76 Resp: 3050

Ion Ratio Lower Upper

76 100

78 10.7 7.2 10.8



#20

Methylene Chloride

Concen: 0.276 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX034842.D

Acq: 30 Mar 2023 10:48

Tgt Ion: 84 Resp: 932

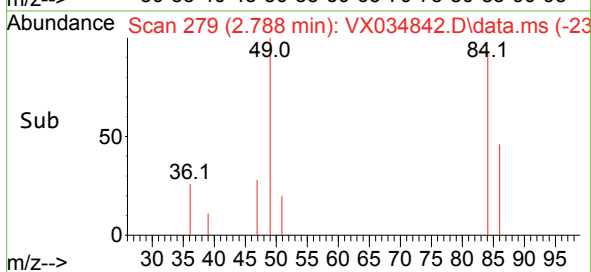
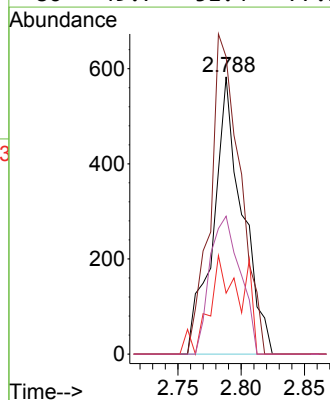
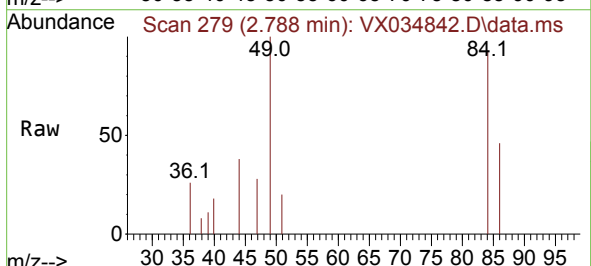
Ion Ratio Lower Upper

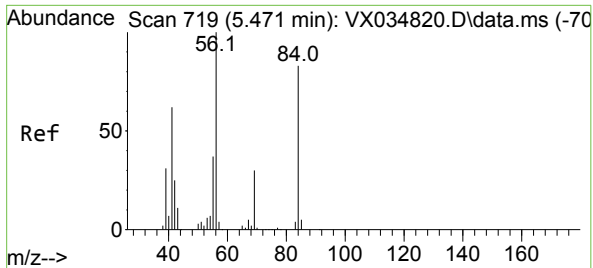
84 100

49 107.2 103.8 155.8

51 22.0 31.8 47.8#

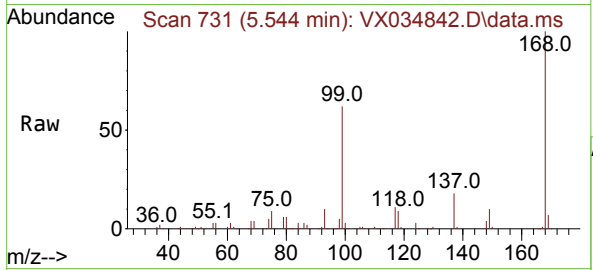
86 49.7 51.4 77.2#



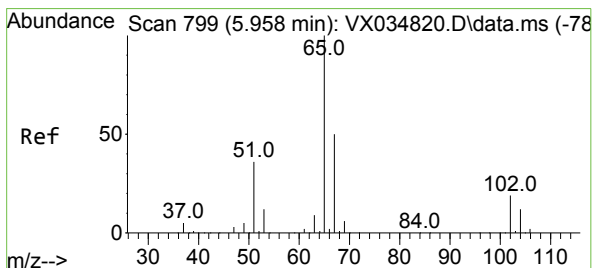
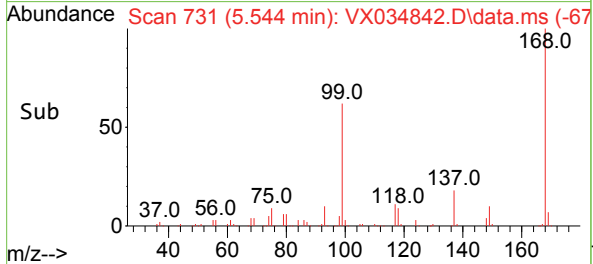
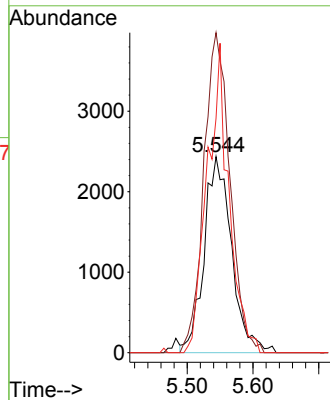


#31
Cyclohexane
Concen: 1.395 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034842.D
Acq: 30 Mar 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBL01

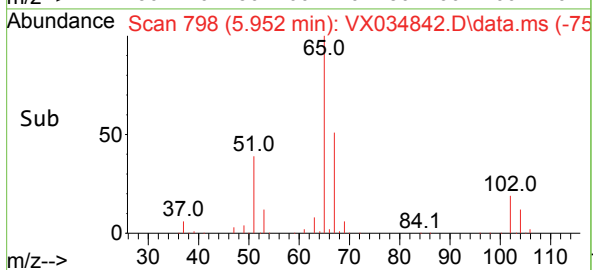
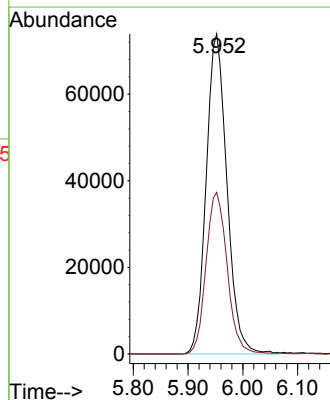
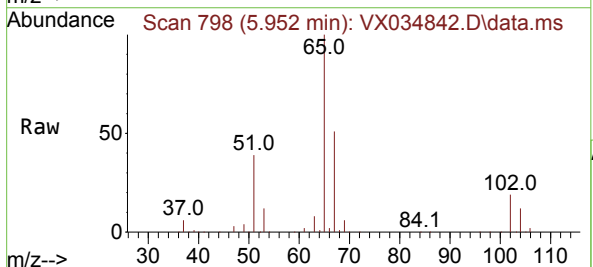


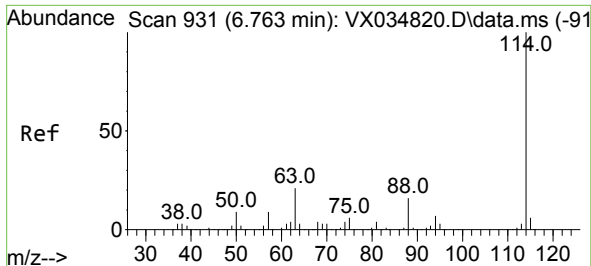
Tgt Ion: 56 Resp: 7074
Ion Ratio Lower Upper
56 100
69 163.3 23.7 35.5#
84 119.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.580 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034842.D
Acq: 30 Mar 2023 10:48

Tgt Ion: 65 Resp: 194037
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

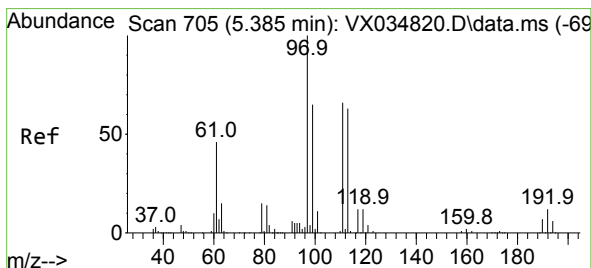
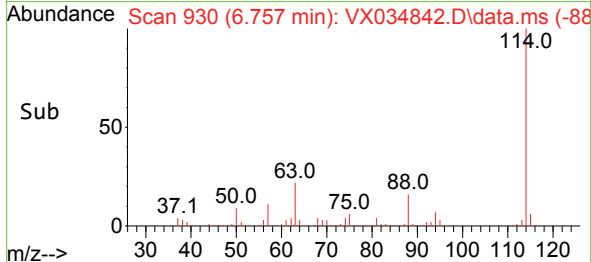
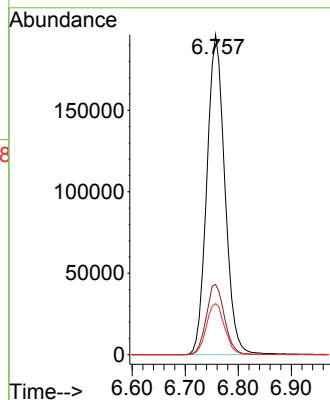
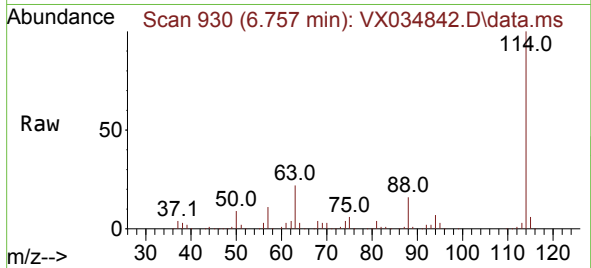




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX034842.D
Acq: 30 Mar 2023 10:48

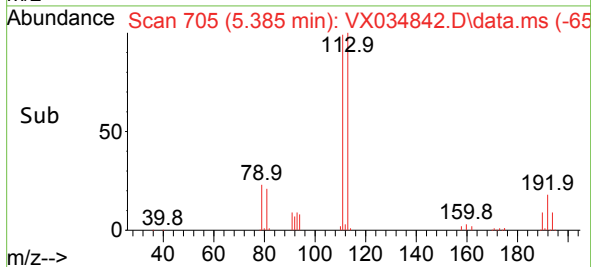
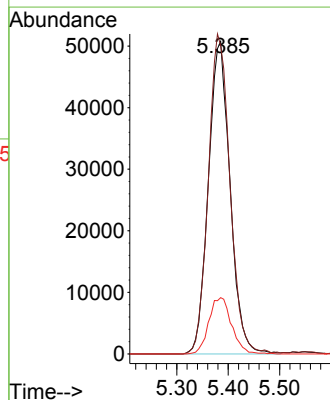
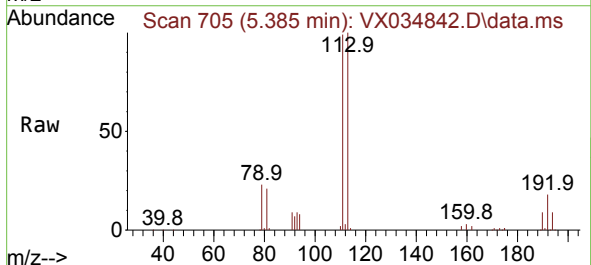
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBL01

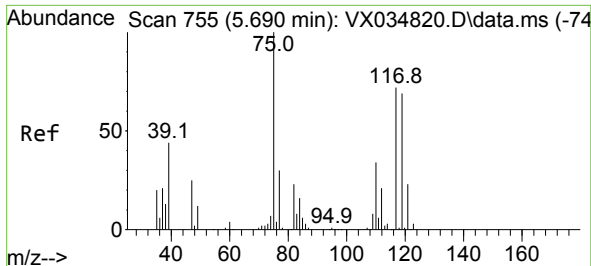
Tgt Ion:114 Resp: 462470
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.556 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034842.D
Acq: 30 Mar 2023 10:48

Tgt Ion:113 Resp: 148527
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.9 15.4 23.2

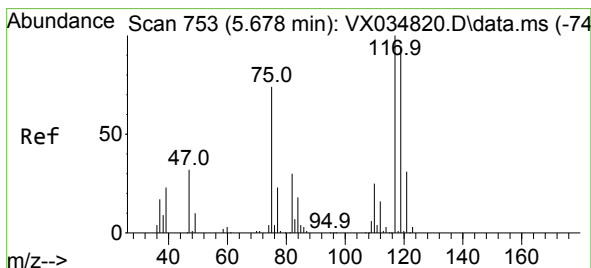
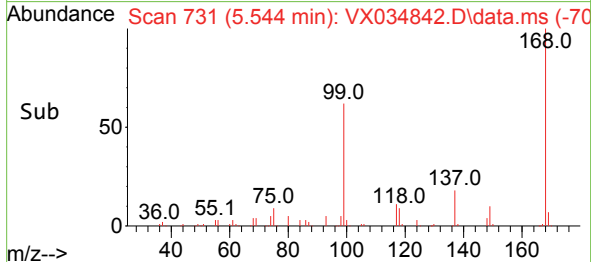
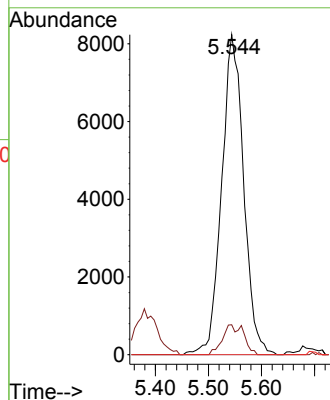
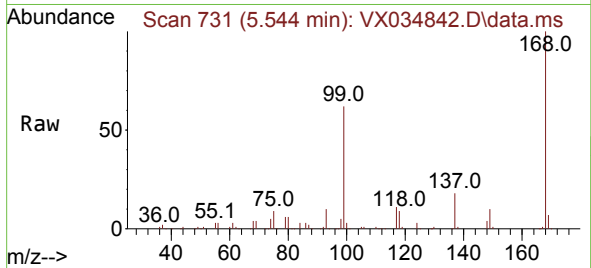




#36
1,1-Dichloropropene
Concen: 5.249 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX034842.D
Acq: 30 Mar 2023 10:48

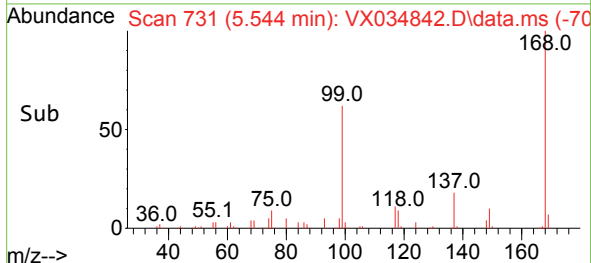
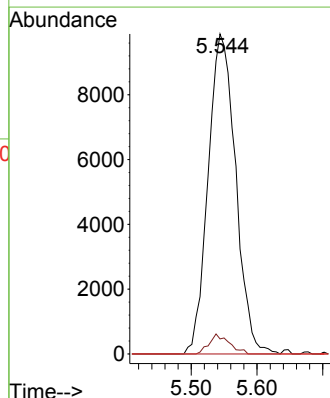
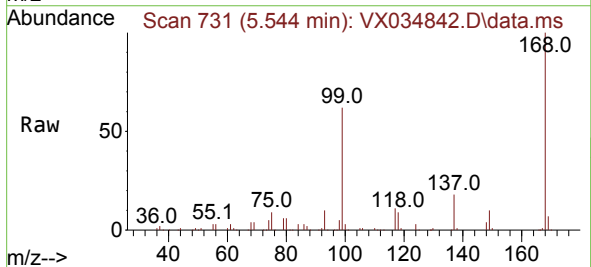
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBL01

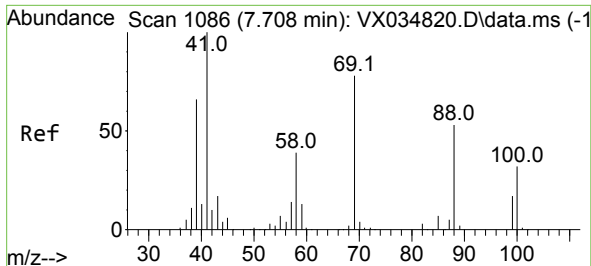
Tgt Ion: 75 Resp: 23709
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.705 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX034842.D
Acq: 30 Mar 2023 10:48

Tgt Ion: 117 Resp: 28768
Ion Ratio Lower Upper
117 100
119 4.7 76.6 114.8#
121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 0.256 ug/l

RT: 7.720 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX034842.D

Acq: 30 Mar 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBL01

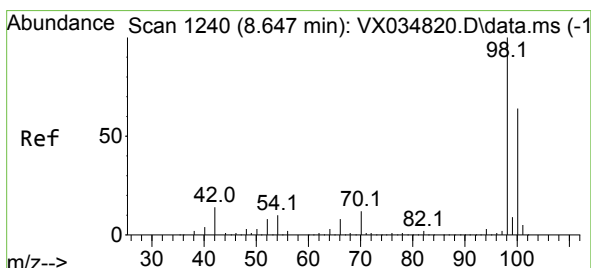
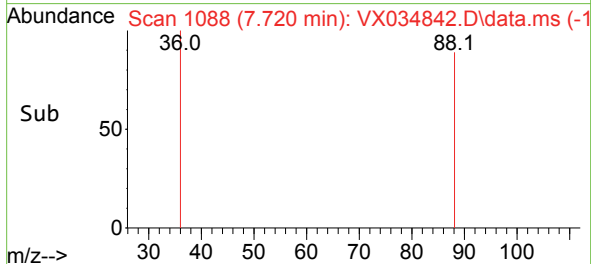
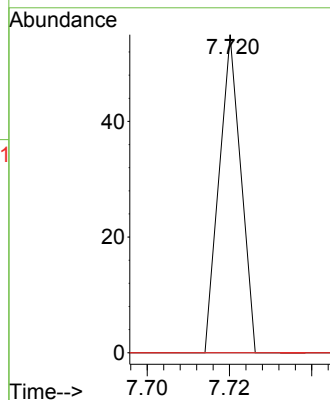
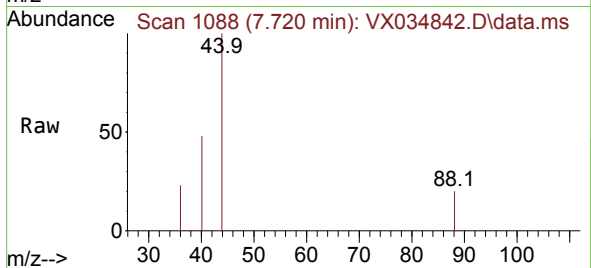
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 49.420 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034842.D

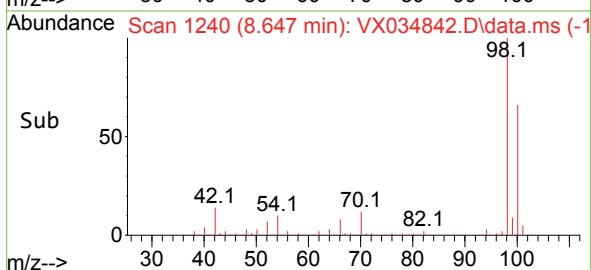
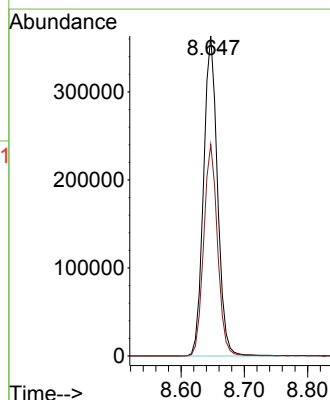
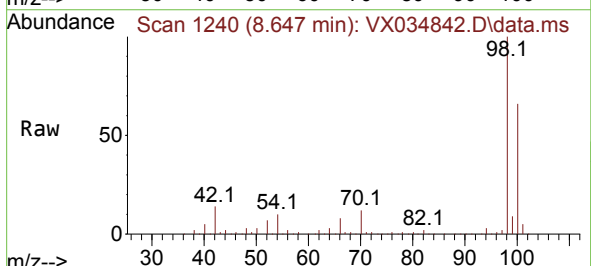
Acq: 30 Mar 2023 10:48

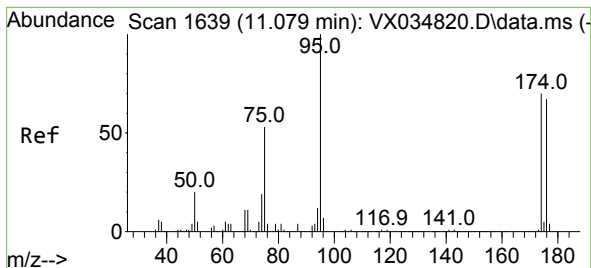
Tgt Ion: 98 Resp: 557973

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7

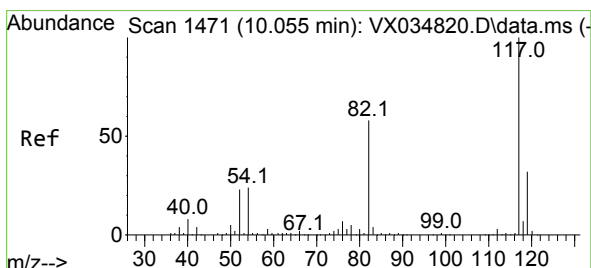
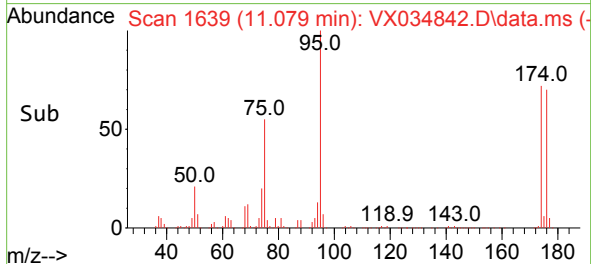
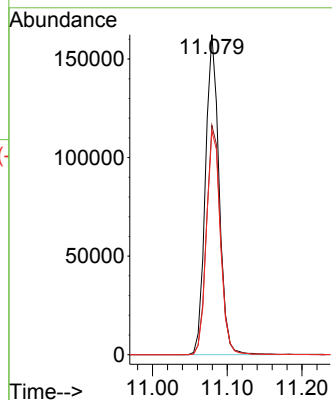
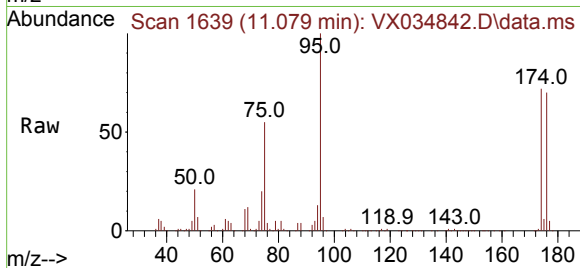




#62
4-Bromofluorobenzene
Concen: 47.050 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034842.D
Acq: 30 Mar 2023 10:48

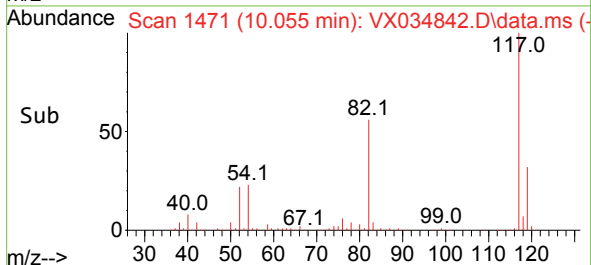
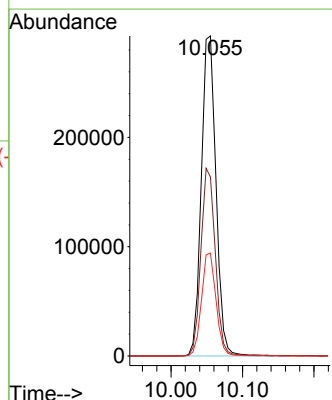
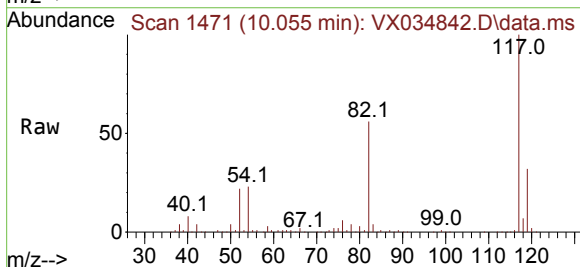
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBL01

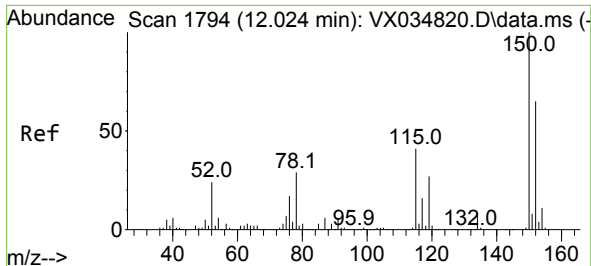
Tgt Ion: 95 Resp: 205565
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.4
176 71.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034842.D
Acq: 30 Mar 2023 10:48

Tgt Ion: 117 Resp: 417491
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.1 26.0 39.0

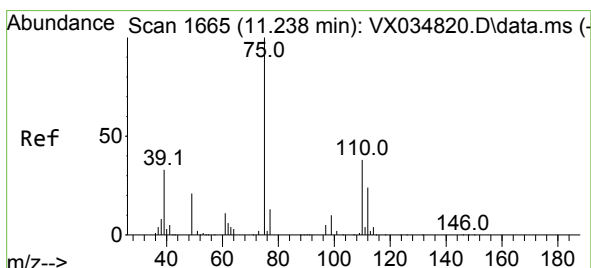
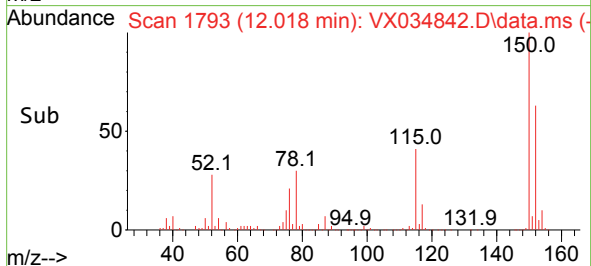
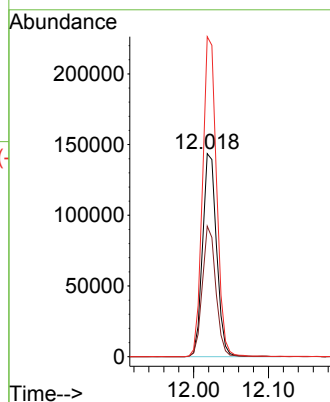
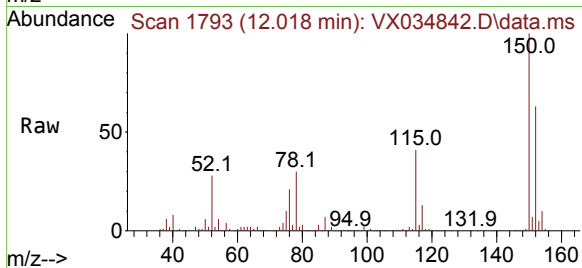




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX034842.D
 Acq: 30 Mar 2023 10:48

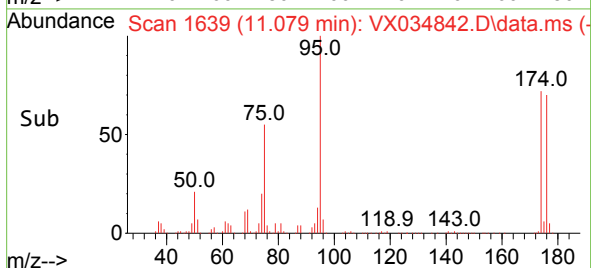
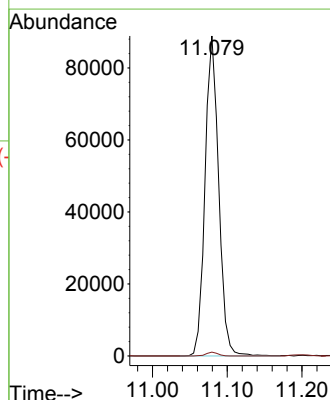
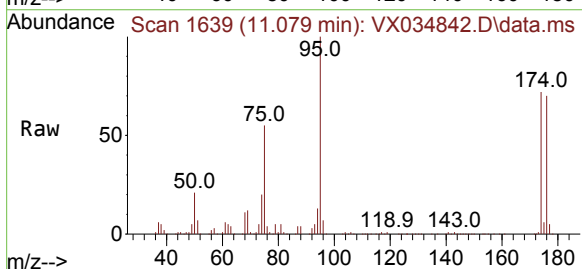
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBL01

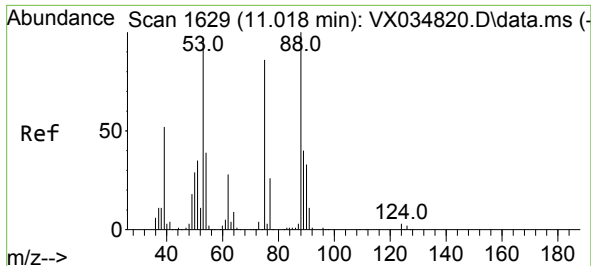
Tgt Ion:152 Resp: 187247
 Ion Ratio Lower Upper
 152 100
 115 61.9 45.0 135.0
 150 157.6 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 29.362 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034842.D
 Acq: 30 Mar 2023 10:48

Tgt Ion: 75 Resp: 112582
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#

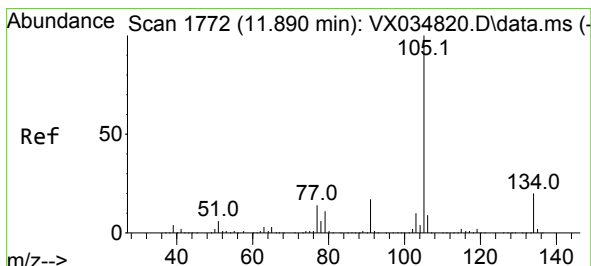
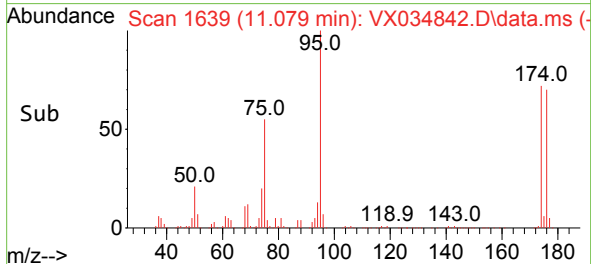
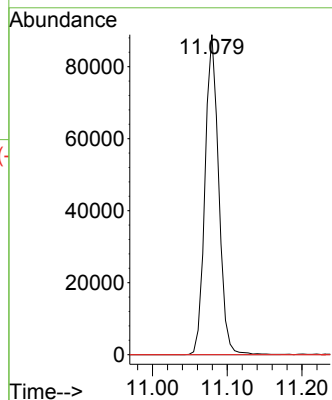
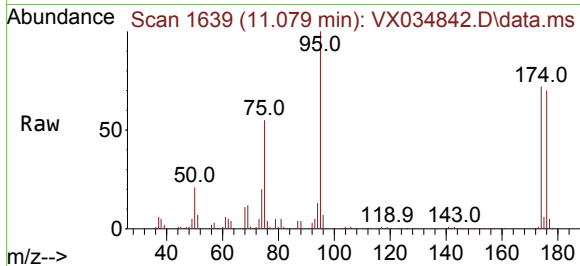




#81
trans-1,4-Dichloro-2-butene
Concen: 78.571 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034842.D
Acq: 30 Mar 2023 10:48

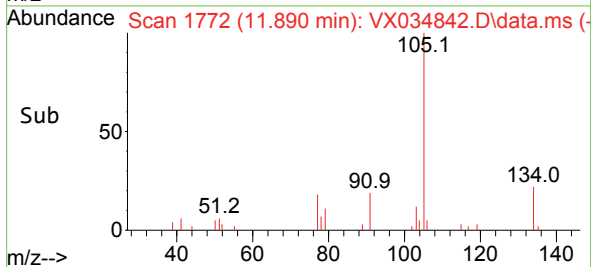
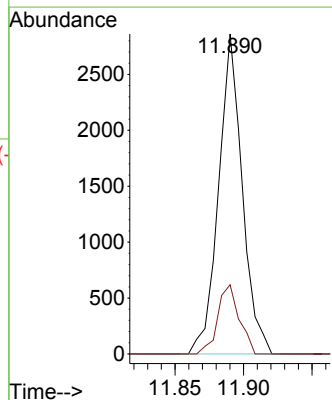
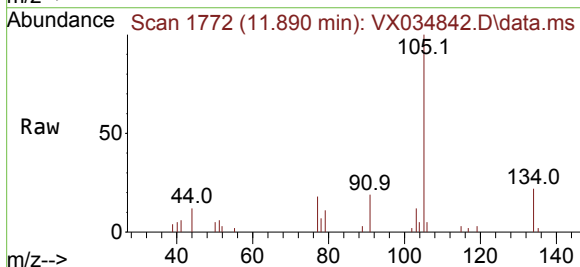
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBL01

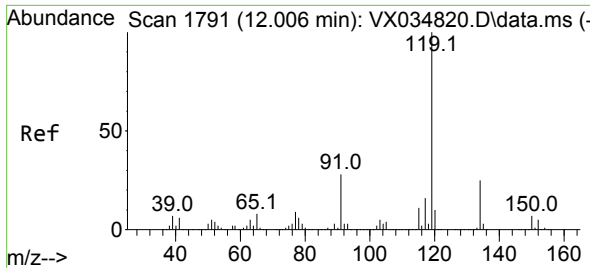
Tgt Ion: 75 Resp: 112582
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#85
sec-Butylbenzene
Concen: 0.262 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX034842.D
Acq: 30 Mar 2023 10:48

Tgt Ion: 105 Resp: 3430
Ion Ratio Lower Upper
105 100
134 19.6 10.2 30.4

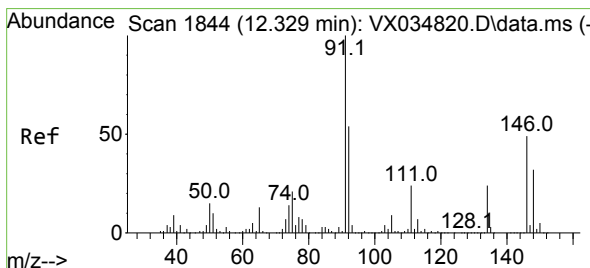
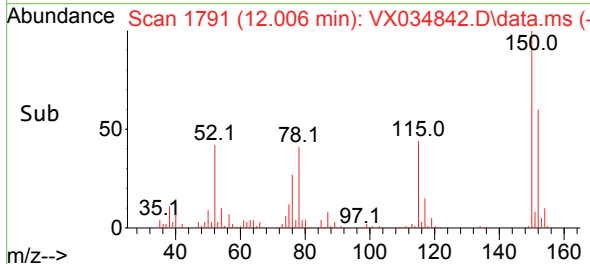
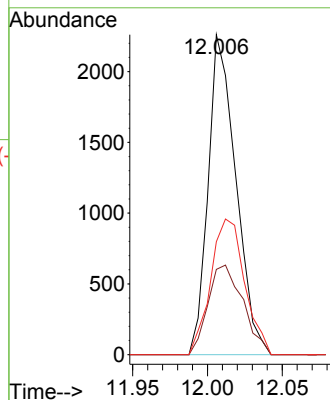
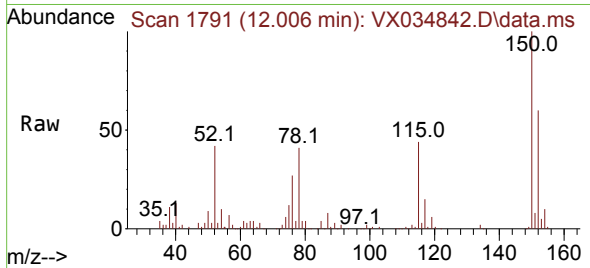




#86
 p-Isopropyltoluene
 Concen: 0.268 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034842.D
 Acq: 30 Mar 2023 10:48

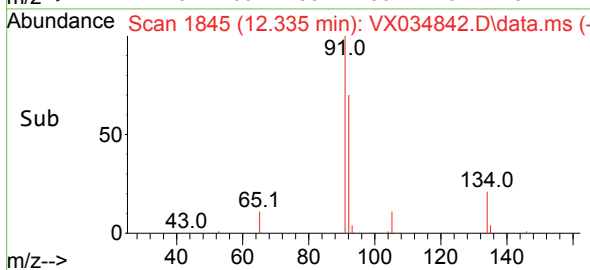
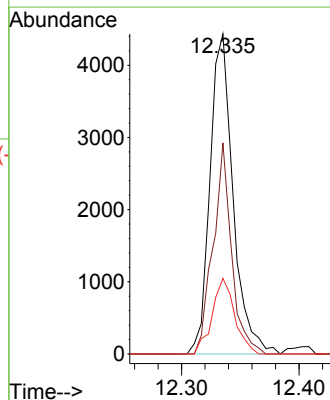
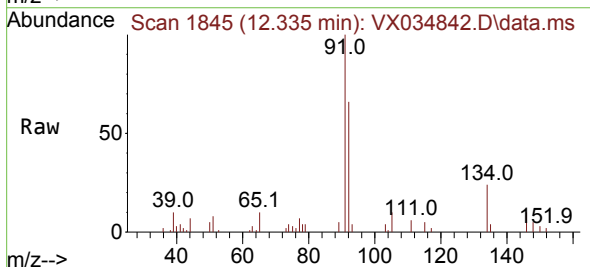
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBL01

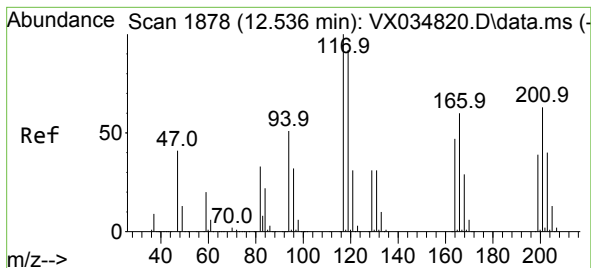
Tgt Ion:119 Resp: 2913
 Ion Ratio Lower Upper
 119 100
 134 35.3 13.2 39.5
 91 52.1 12.9 38.7#



#89
 n-Butylbenzene
 Concen: 0.639 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX034842.D
 Acq: 30 Mar 2023 10:48

Tgt Ion: 91 Resp: 6057
 Ion Ratio Lower Upper
 91 100
 92 53.1 27.7 83.0
 134 23.1 13.0 38.9





#90

Hexachloroethane

Concen: 0.924 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX034842.D

Acq: 30 Mar 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

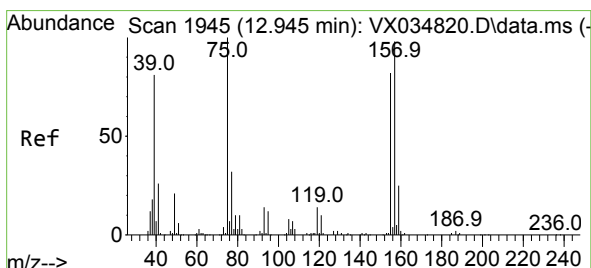
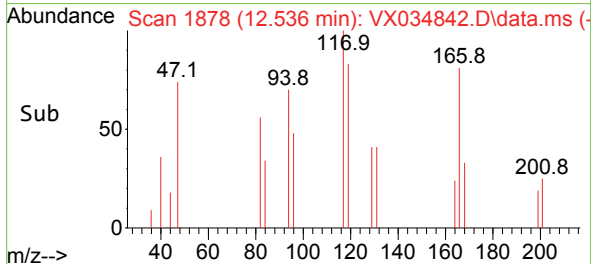
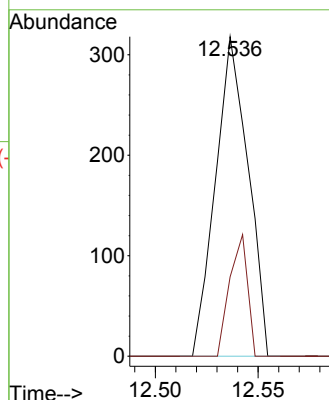
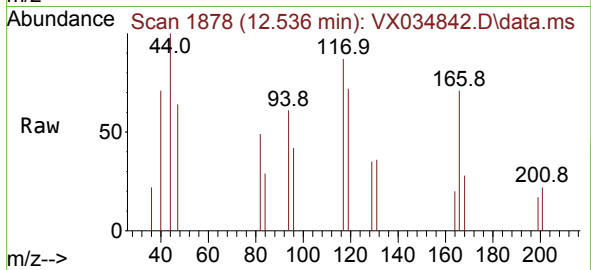
VX0330MBL01

Tgt Ion:117 Resp: 351

Ion Ratio Lower Upper

117 100

201 20.8 34.4 103.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.112 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX034842.D

Acq: 30 Mar 2023 10:48

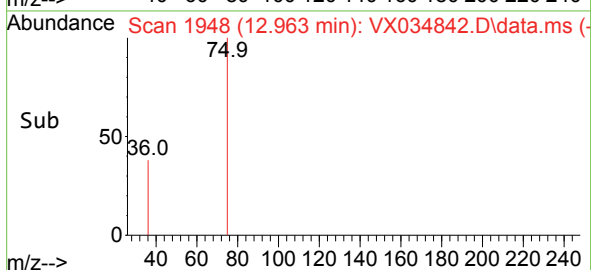
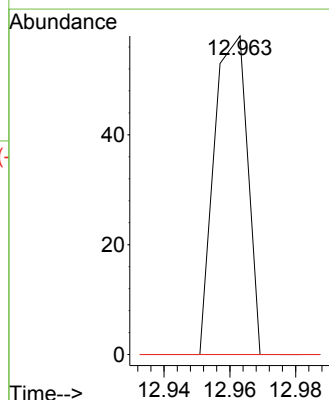
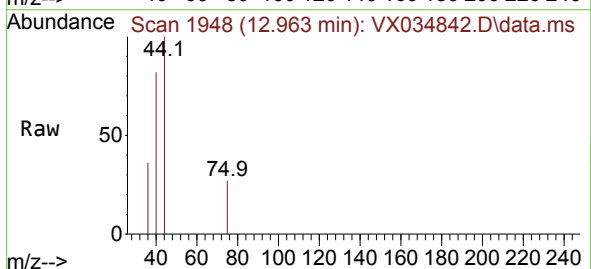
Tgt Ion: 75 Resp: 41

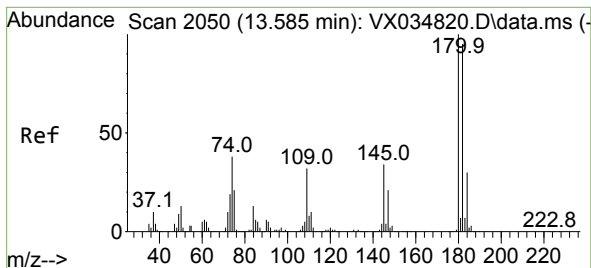
Ion Ratio Lower Upper

75 100

155 0.0 38.4 115.1#

157 0.0 49.9 149.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.558 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034842.D

Acq: 30 Mar 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBL01

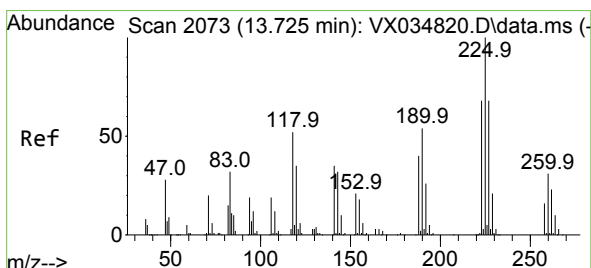
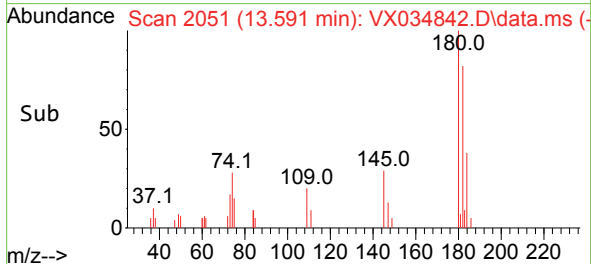
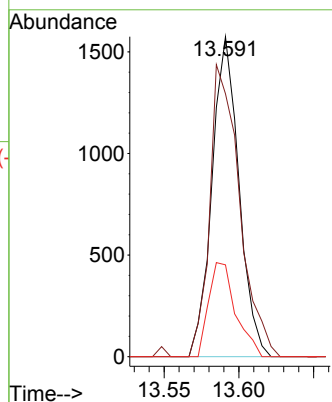
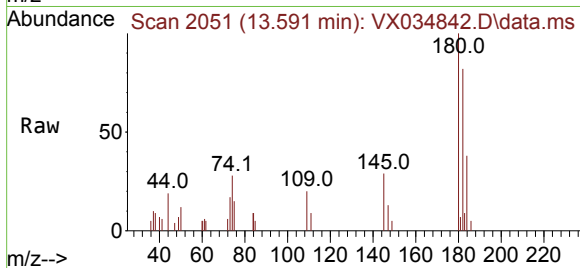
Tgt Ion:180 Resp: 1974

Ion Ratio Lower Upper

180 100

182 101.0 47.0 141.0

145 29.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 2.101 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034842.D

Acq: 30 Mar 2023 10:48

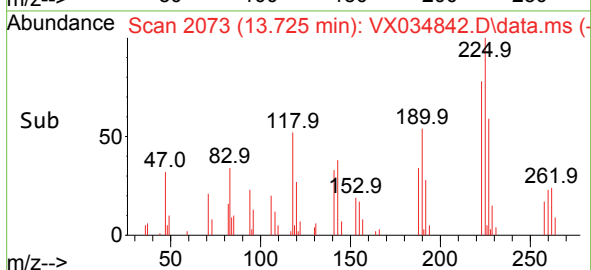
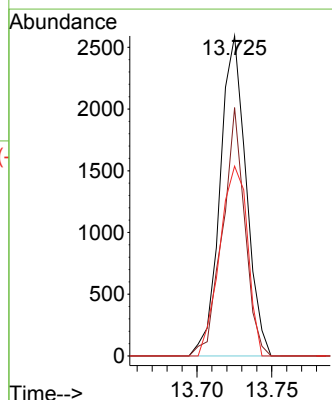
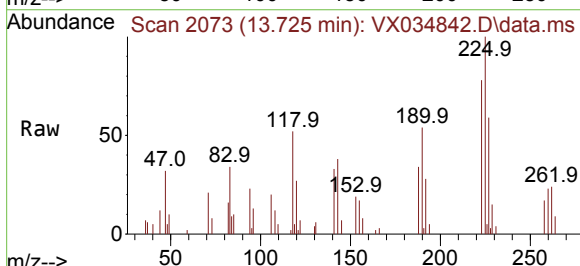
Tgt Ion:225 Resp: 3132

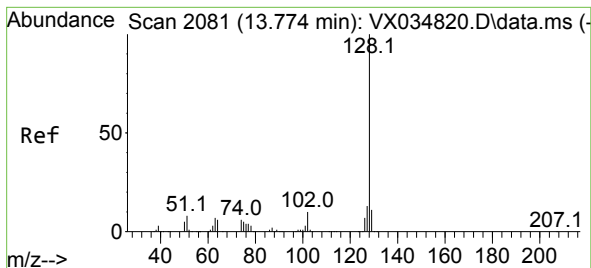
Ion Ratio Lower Upper

225 100

223 66.4 32.1 96.5

227 63.3 31.8 95.4





#95

Naphthalene

Concen: 0.355 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034842.D

Acq: 30 Mar 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBL01

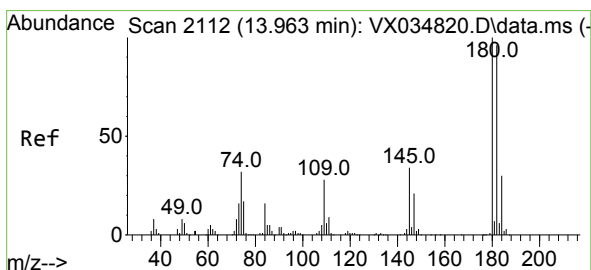
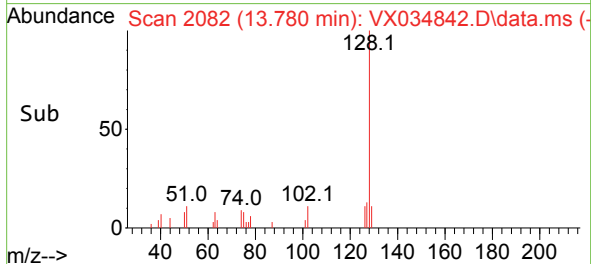
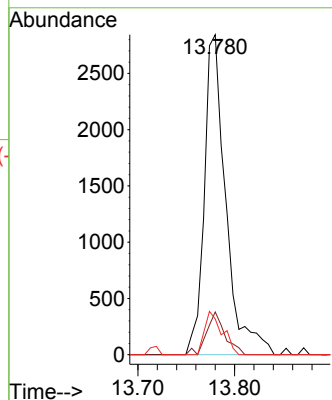
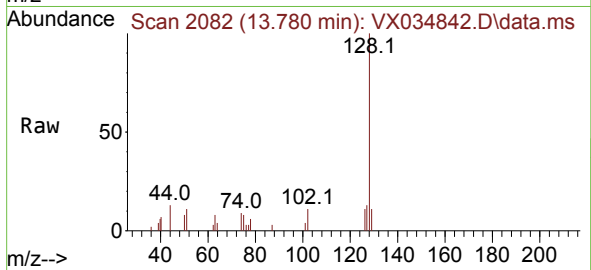
Tgt Ion:128 Resp: 4415

Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.4

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.652 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034842.D

Acq: 30 Mar 2023 10:48

Tgt Ion:180 Resp: 2308

Ion Ratio Lower Upper

180 100

182 93.4 48.0 144.2

145 30.5 17.7 53.1

