

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038273.D
 Acq On : 13 Oct 2023 10:10
 Operator : JC/MD
 Sample : VX1013MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013MBL01

Quant Time: Oct 13 23:09:14 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	122438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92545	46.993	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.980%
35) Dibromofluoromethane	5.379	113	73254	45.780	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.560%
50) Toluene-d8	8.647	98	283448	46.357	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.720%
62) 4-Bromofluorobenzene	11.079	95	105513	45.518	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.040%

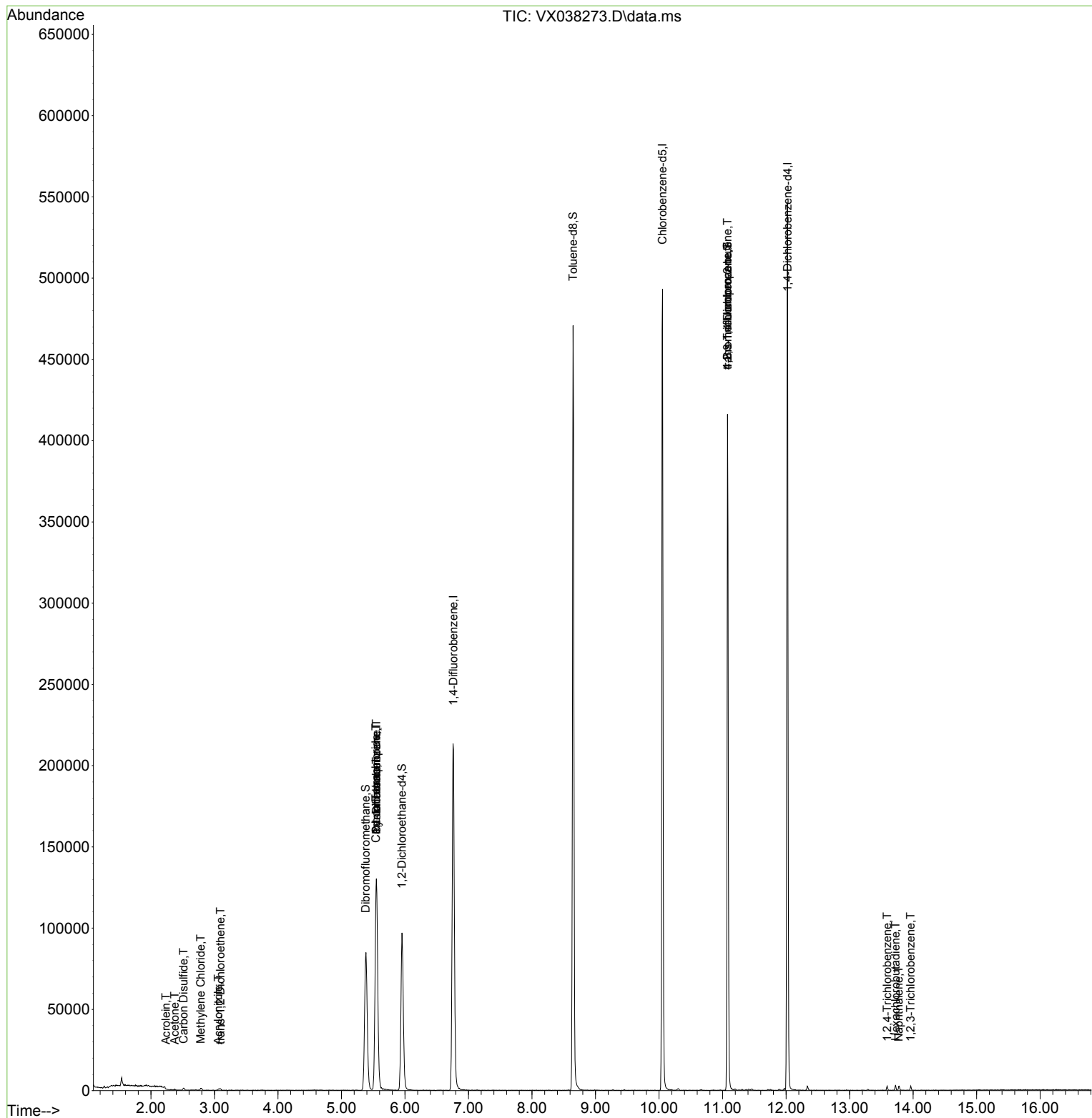
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	101	Below Cal	#	63
6) Chloroethane	1.691	64	68	Below Cal	#	43
13) Acrolein	2.233	56	203	0.725	ug/l #	32
15) Acrylonitrile	3.062	53	495	0.552	ug/l #	75
16) Acetone	2.374	43	560	0.681	ug/l #	73
17) Carbon Disulfide	2.514	76	1568	0.486	ug/l #	89
20) Methylene Chloride	2.782	84	479	0.310	ug/l #	79
21) trans-1,2-Dichloroethene	3.093	96	373	0.269	ug/l #	64
31) Cyclohexane	5.550	56	3010	1.411	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	10487	4.753	ug/l #	49
38) Carbon Tetrachloride	5.544	117	12806	5.900	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	58265	22.379	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58265	64.108	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	666	0.274	ug/l	85
94) Hexachlorobutadiene	13.725	225	539	0.552	ug/l	87
95) Naphthalene	13.774	128	2268	0.268	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	790	0.336	ug/l	95

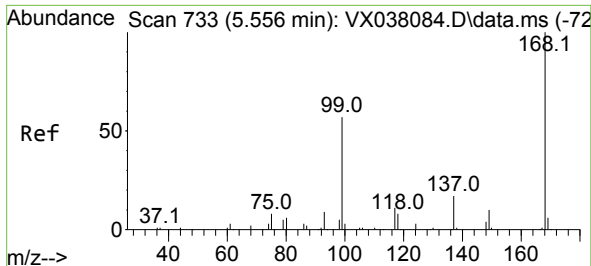
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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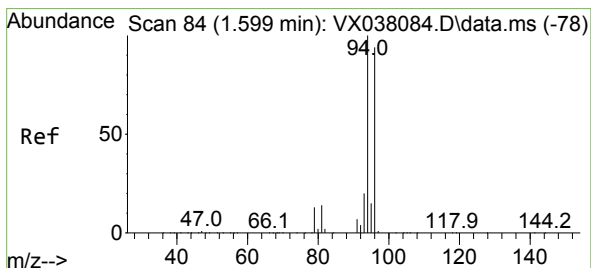
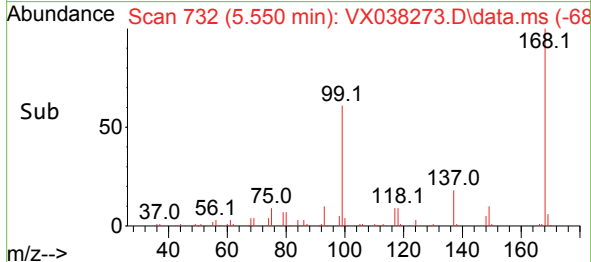
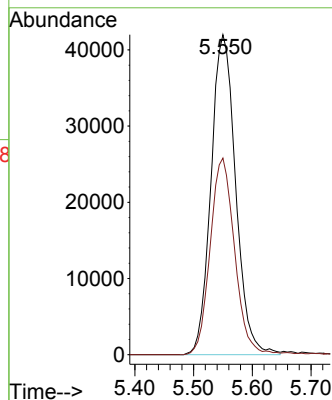
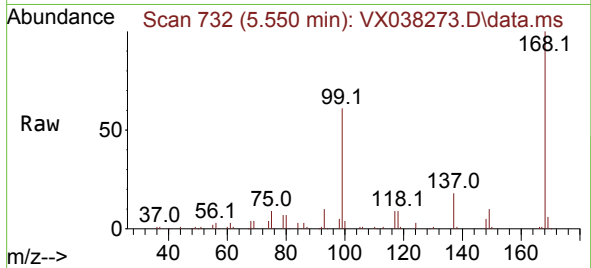




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

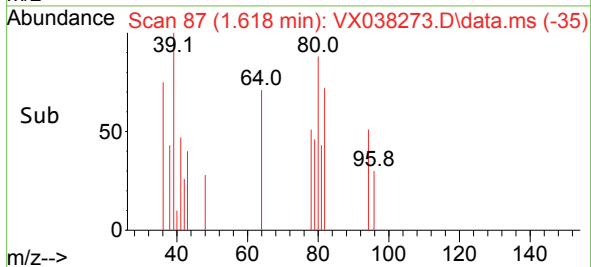
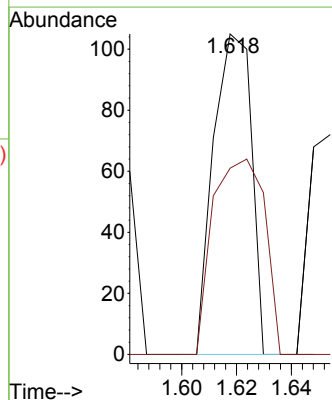
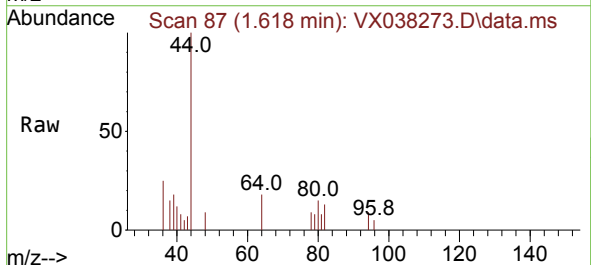
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

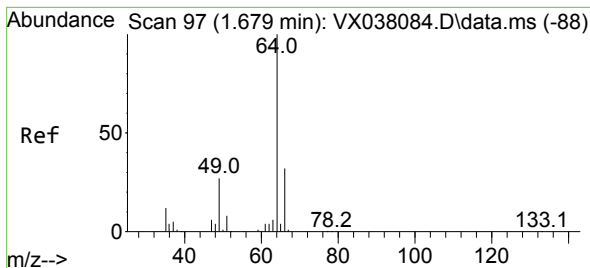
Tgt Ion:168 Resp: 122438
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

Tgt Ion: 94 Resp: 101
Ion Ratio Lower Upper
94 100
96 58.1 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX038273.D

Acq: 13 Oct 2023 10:10

Instrument :

MSVOA_X

ClientSampleId :

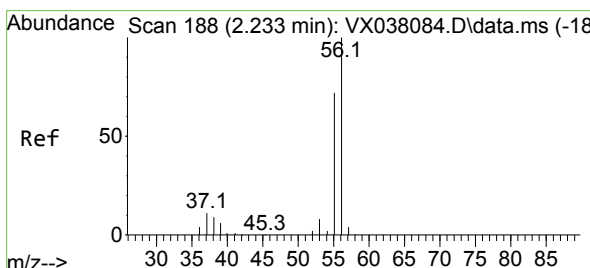
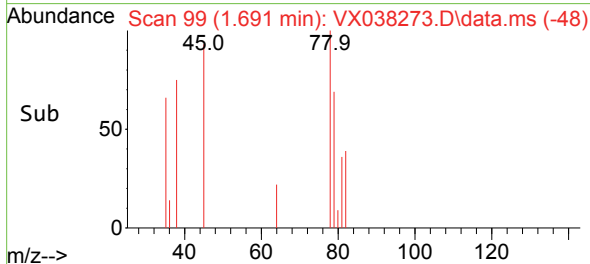
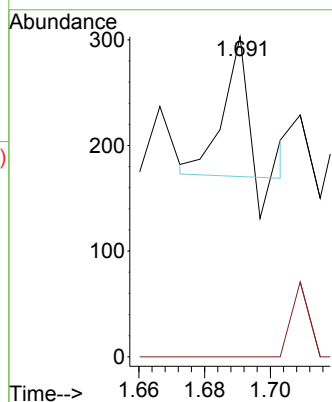
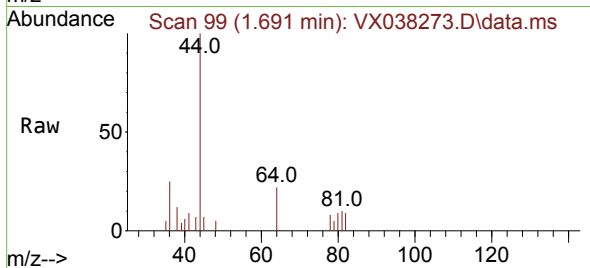
VX1013MBL01

Tgt Ion: 64 Resp: 68

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#13

Acrolein

Concen: 0.725 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038273.D

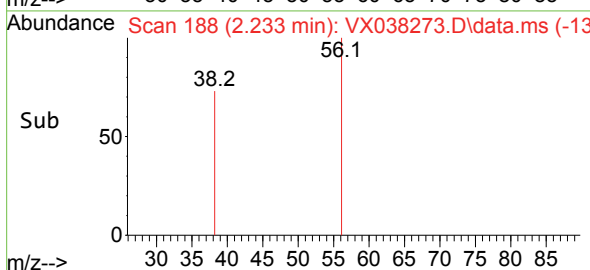
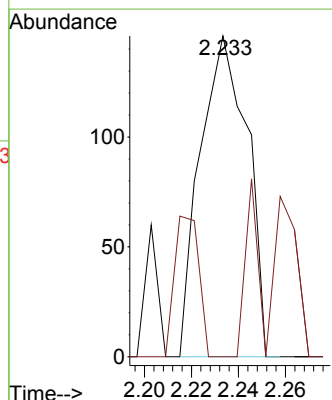
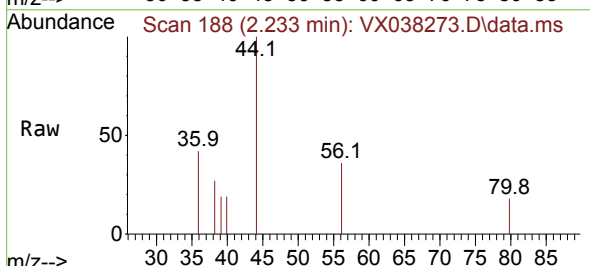
Acq: 13 Oct 2023 10:10

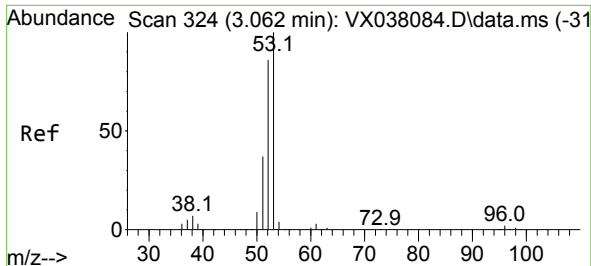
Tgt Ion: 56 Resp: 203

Ion Ratio Lower Upper

56 100

55 14.8 57.1 85.7#

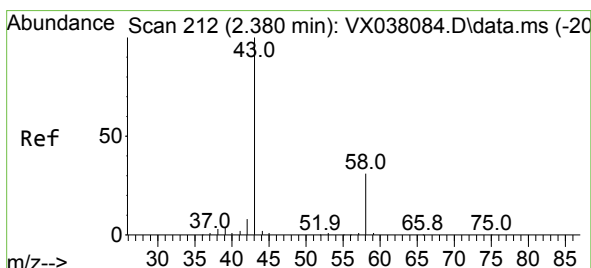
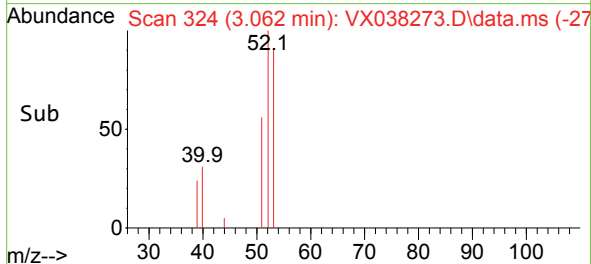
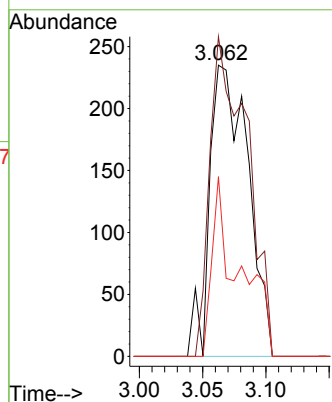
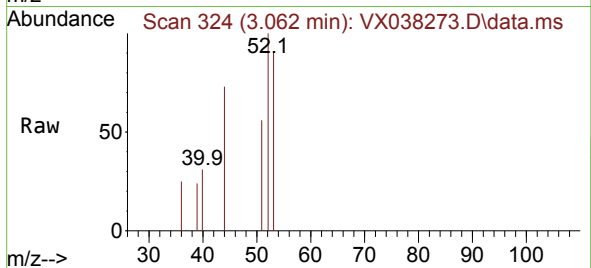




#15
Acrylonitrile
Concen: 0.552 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

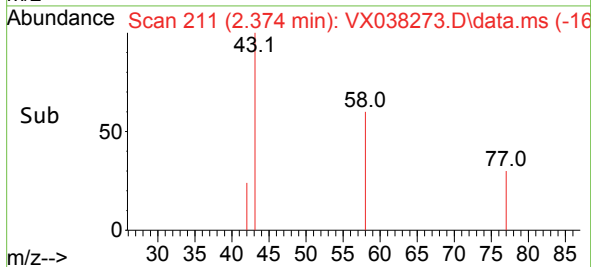
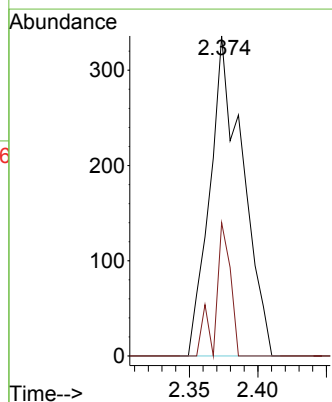
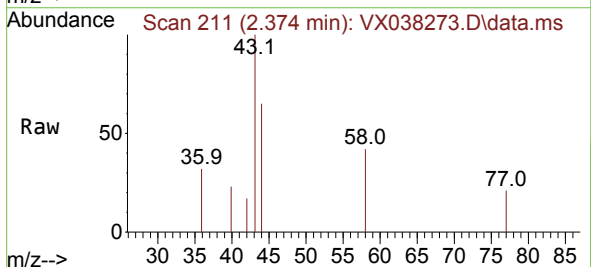
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

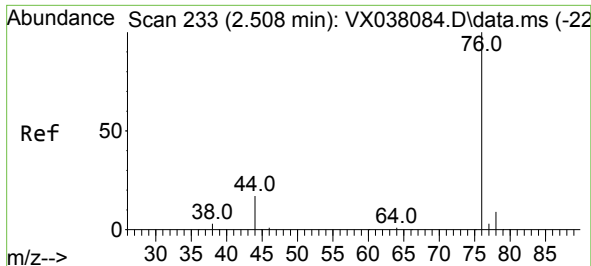
Tgt Ion: 53 Resp: 495
Ion Ratio Lower Upper
53 100
52 107.3 66.0 99.0#
51 24.8 29.8 44.6#



#16
Acetone
Concen: 0.681 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
58 41.7 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.486 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038273.D

Acq: 13 Oct 2023 10:10

Instrument :

MSVOA_X

ClientSampleId :

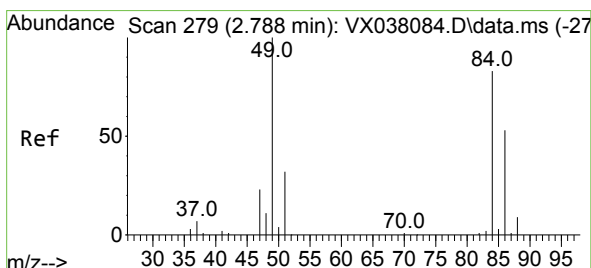
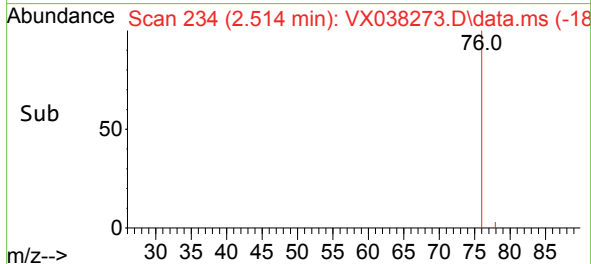
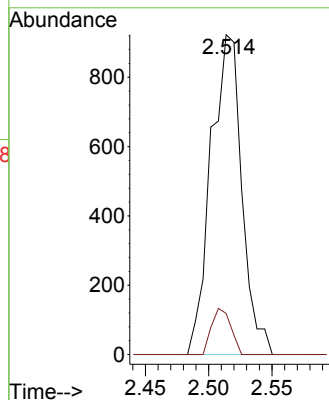
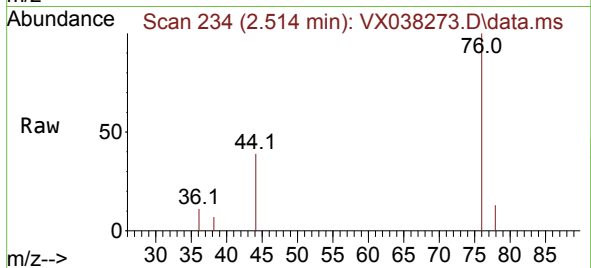
VX1013MBL01

Tgt Ion: 76 Resp: 1568

Ion Ratio Lower Upper

76 100

78 12.9 7.0 10.6#



#20

Methylene Chloride

Concen: 0.310 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX038273.D

Acq: 13 Oct 2023 10:10

Tgt Ion: 84 Resp: 479

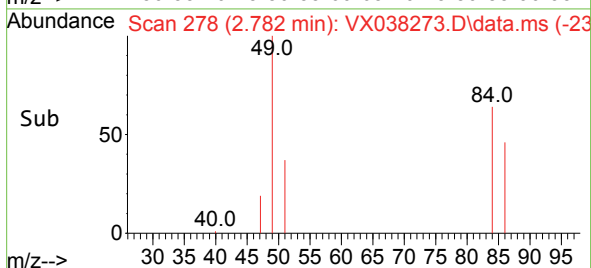
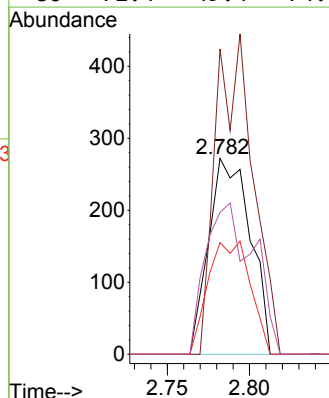
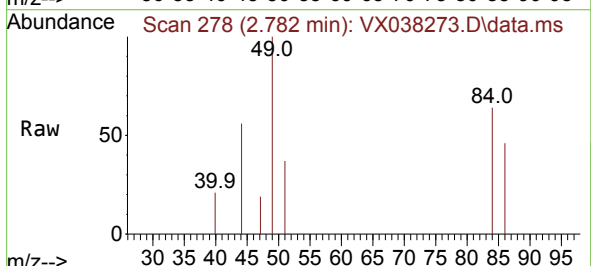
Ion Ratio Lower Upper

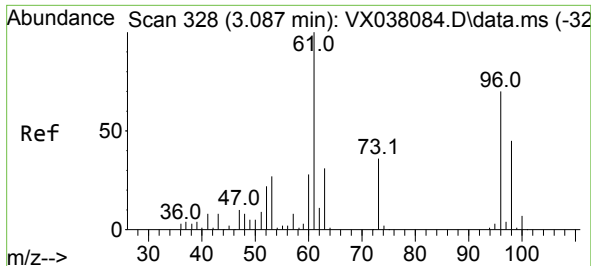
84 100

49 155.9 103.6 155.4#

51 57.0 33.8 50.6#

86 72.4 49.4 74.0

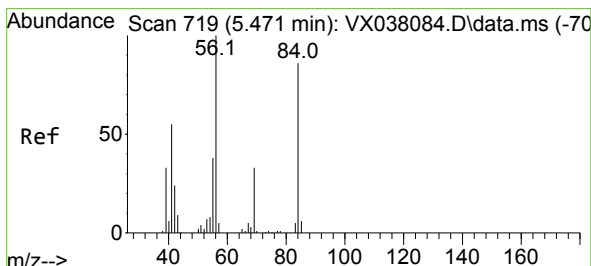
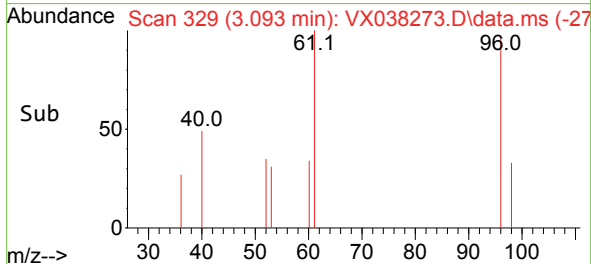
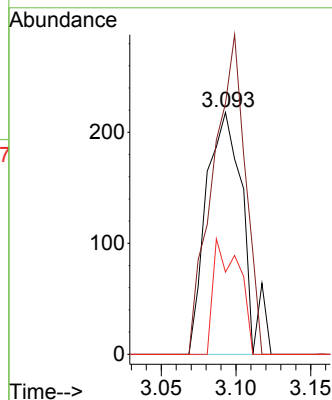
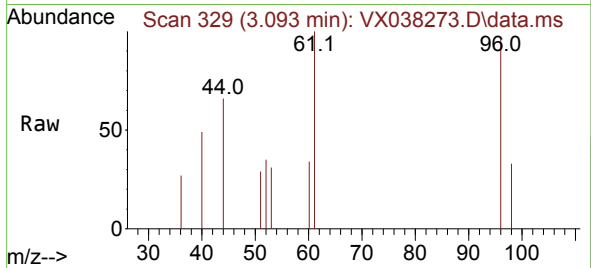




#21
trans-1,2-Dichloroethene
Concen: 0.269 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

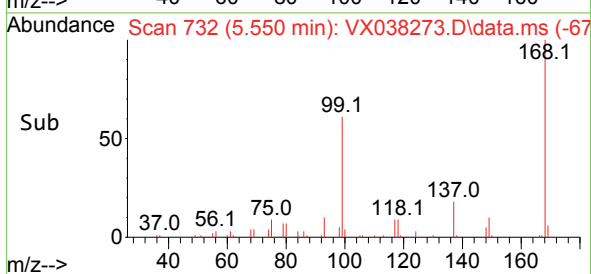
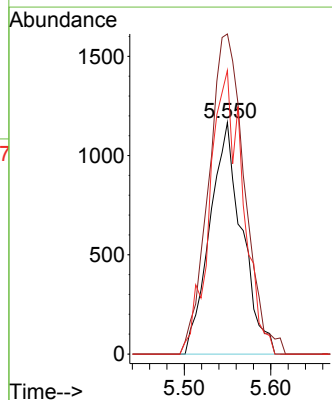
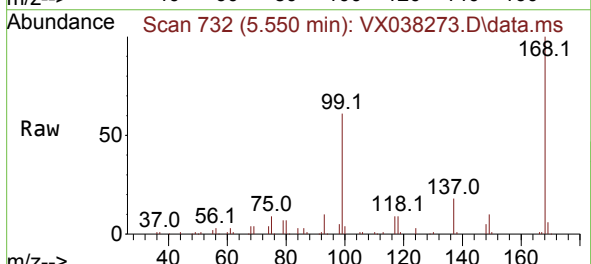
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

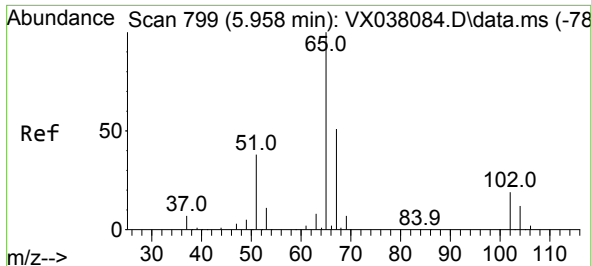
Tgt Ion: 96 Resp: 373
Ion Ratio Lower Upper
96 100
61 103.7 119.2 178.8#
98 33.9 48.7 73.1#



#31
Cyclohexane
Concen: 1.411 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

Tgt Ion: 56 Resp: 3010
Ion Ratio Lower Upper
56 100
69 138.2 23.4 35.2#
84 122.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.993 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038273.D

Acq: 13 Oct 2023 10:10

Instrument :

MSVOA_X

ClientSampleId :

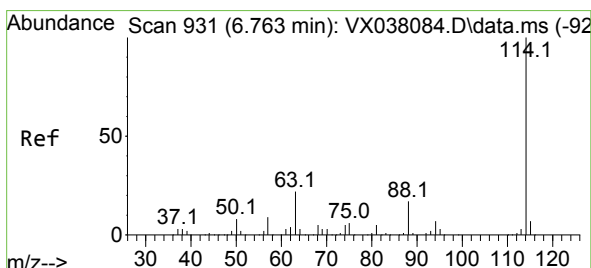
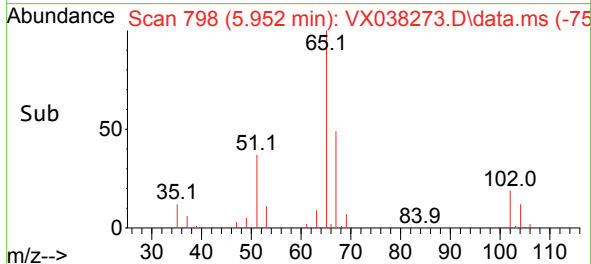
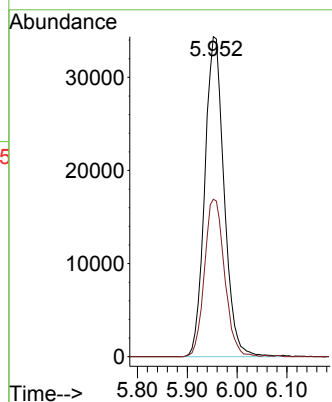
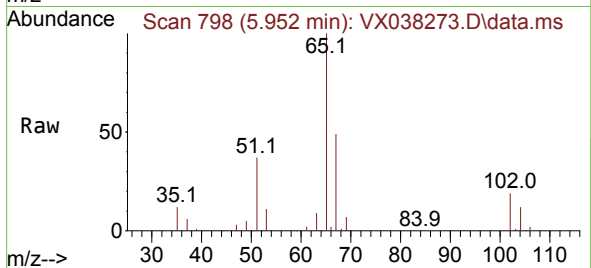
VX1013MBL01

Tgt Ion: 65 Resp: 92545

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038273.D

Acq: 13 Oct 2023 10:10

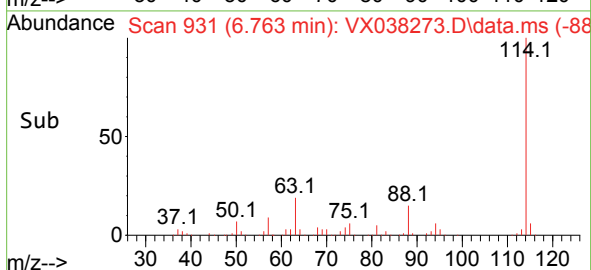
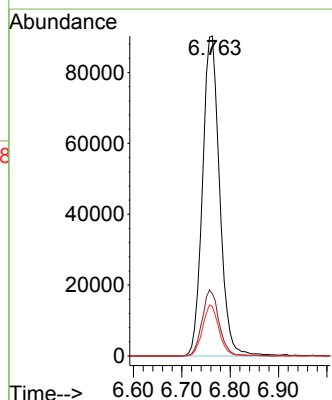
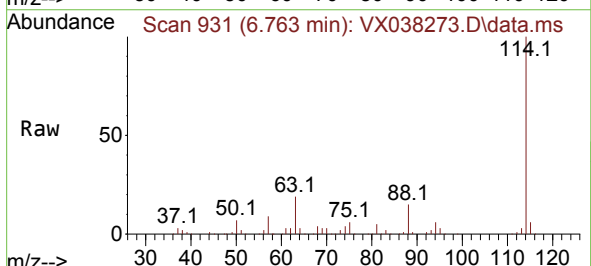
Tgt Ion: 114 Resp: 222066

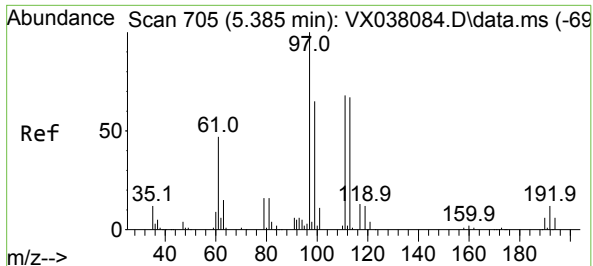
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 15.5 0.0 36.6

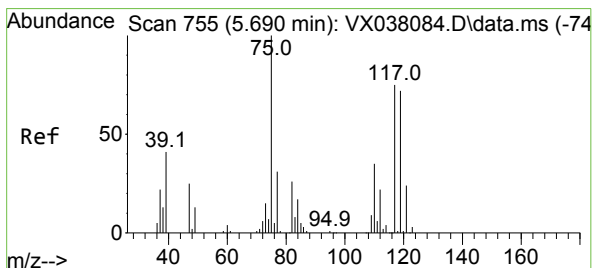
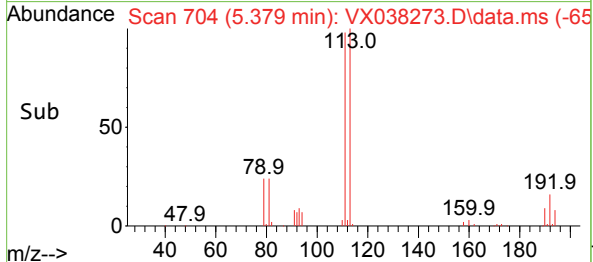
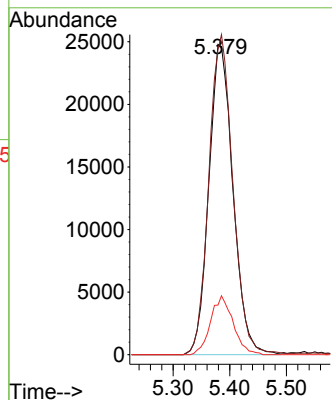
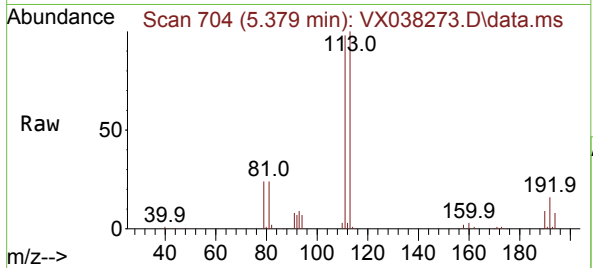




#35
Dibromofluoromethane
Concen: 45.780 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

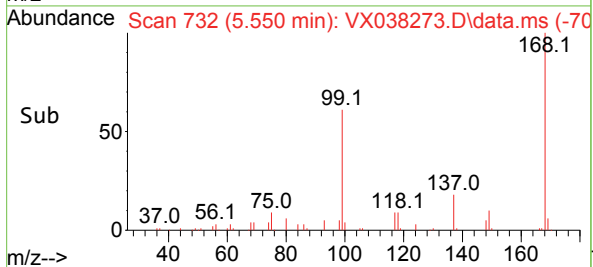
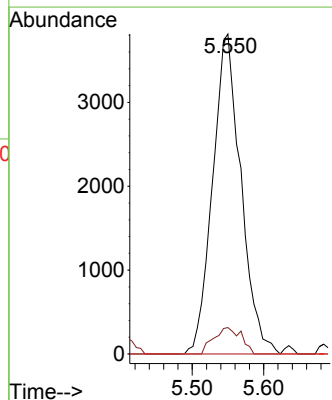
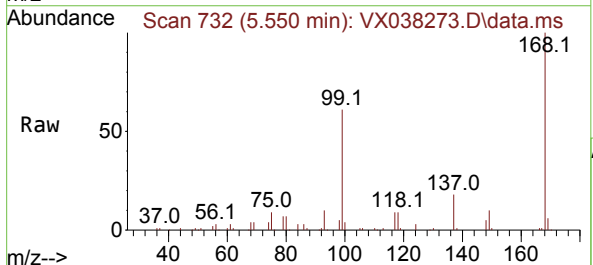
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

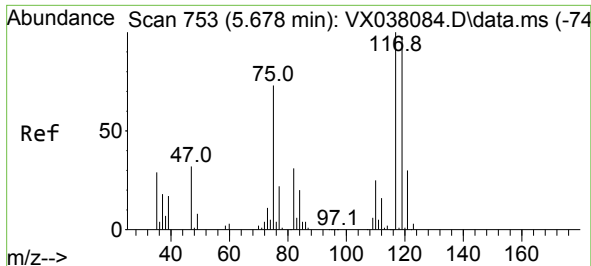
Tgt Ion:113 Resp: 73254
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.753 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

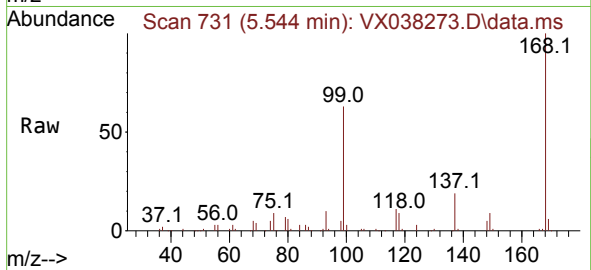
Tgt Ion: 75 Resp: 10487
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



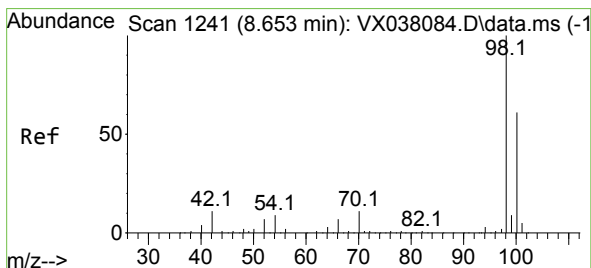
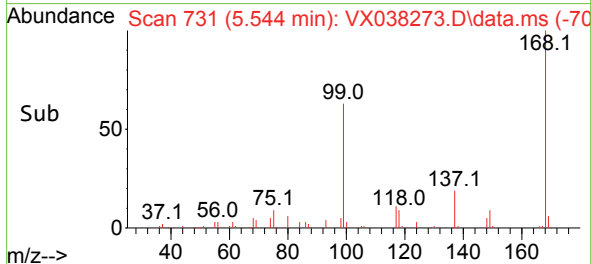
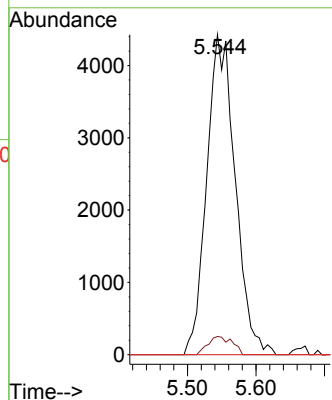


#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

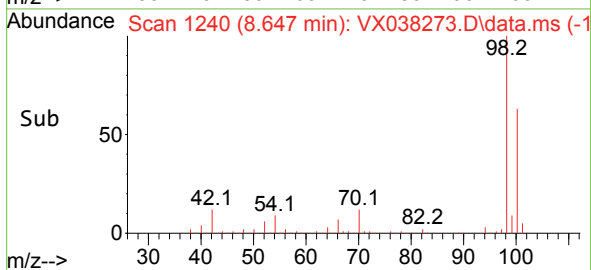
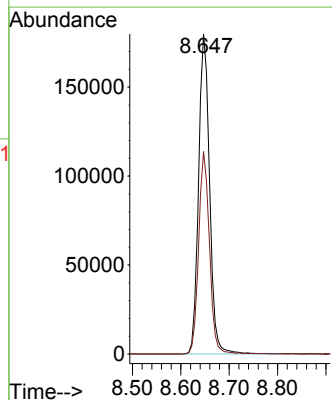
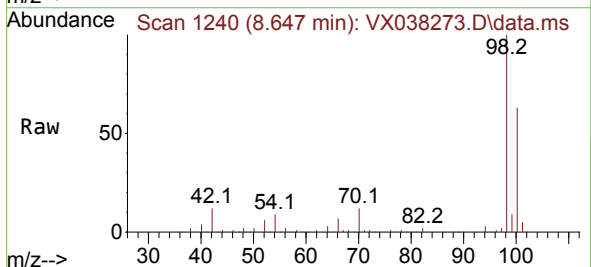


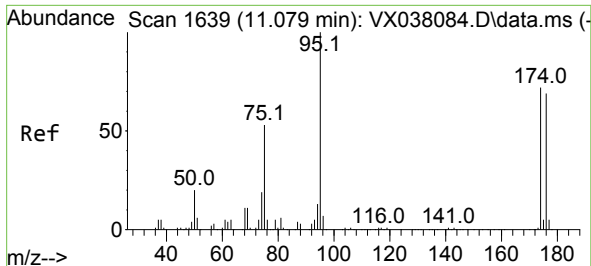
Tgt Ion:117 Resp: 12806
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.357 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

Tgt Ion: 98 Resp: 283448
Ion Ratio Lower Upper
98 100
100 62.3 53.1 79.7

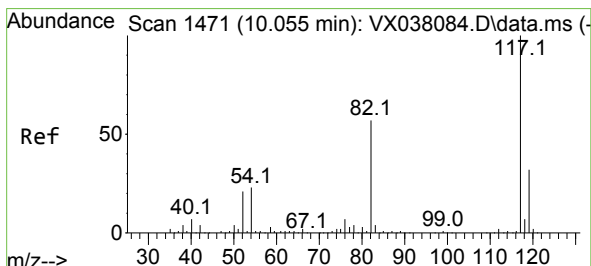
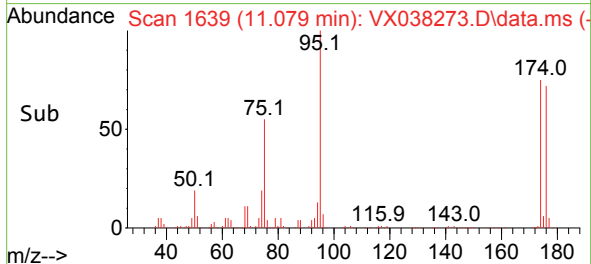
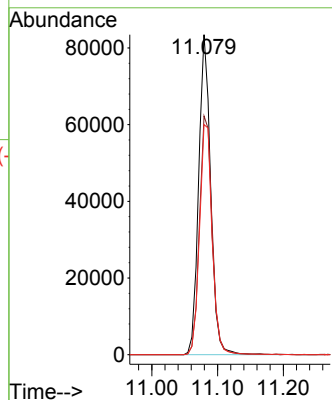
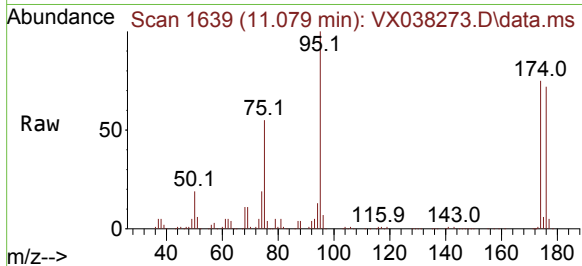




#62
4-Bromofluorobenzene
Concen: 45.518 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

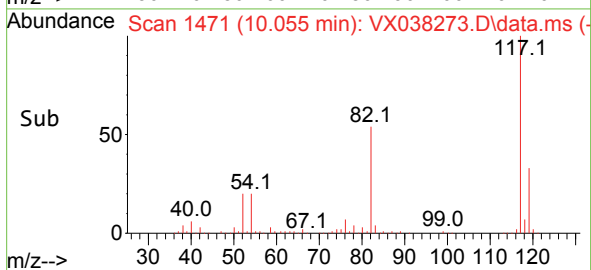
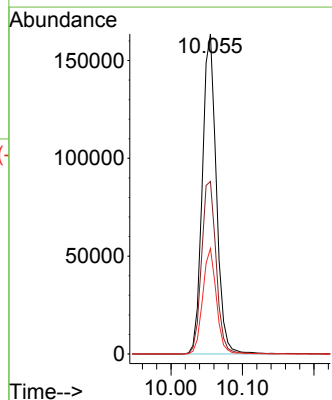
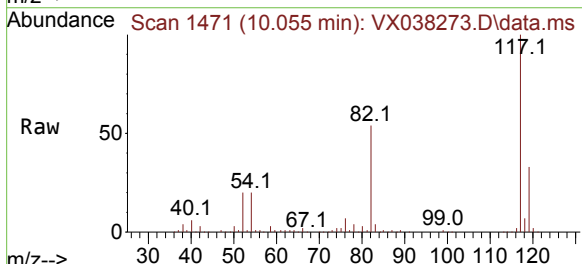
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

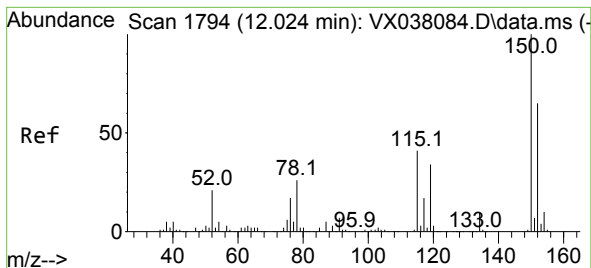
Tgt Ion: 95 Resp: 105513
Ion Ratio Lower Upper
95 100
174 79.5 0.0 135.6
176 76.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

Tgt Ion: 117 Resp: 222743
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038273.D

Acq: 13 Oct 2023 10:10

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBL01

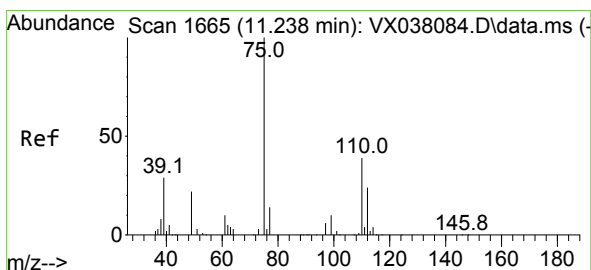
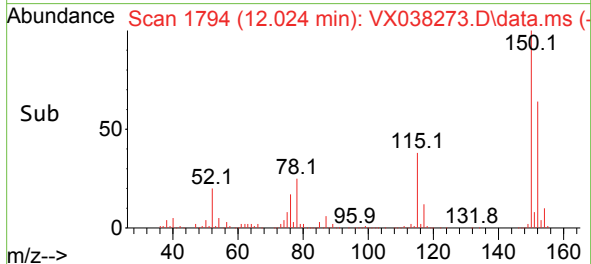
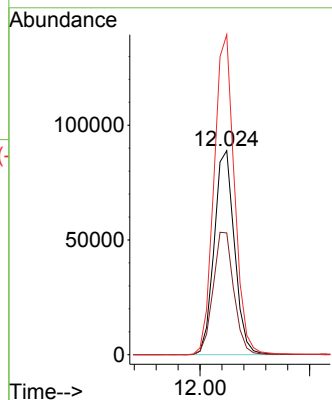
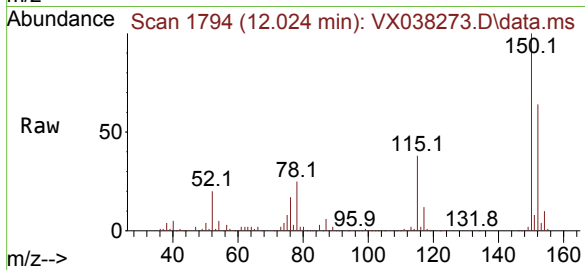
Tgt Ion:152 Resp: 114522

Ion Ratio Lower Upper

152 100

115 61.3 43.3 129.9

150 157.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.379 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038273.D

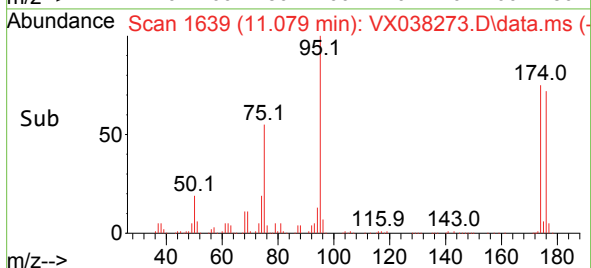
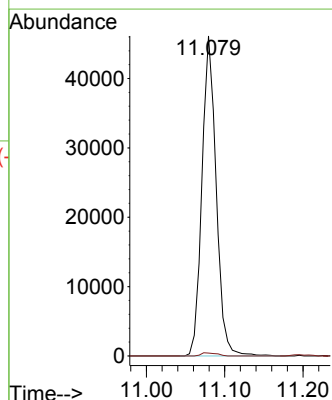
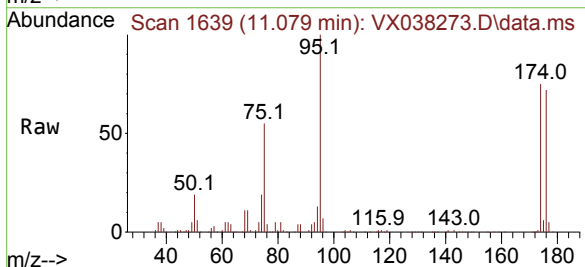
Acq: 13 Oct 2023 10:10

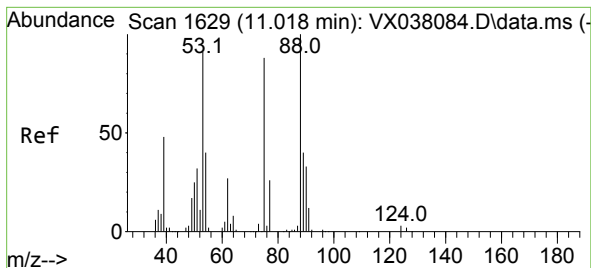
Tgt Ion: 75 Resp: 58265

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

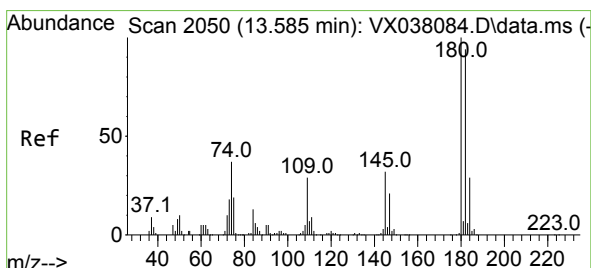
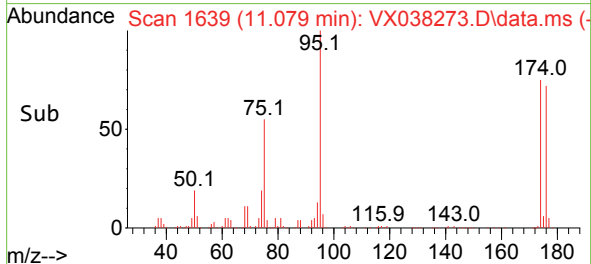
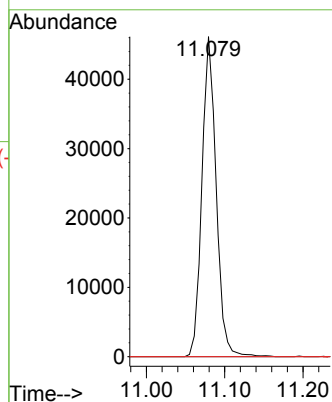
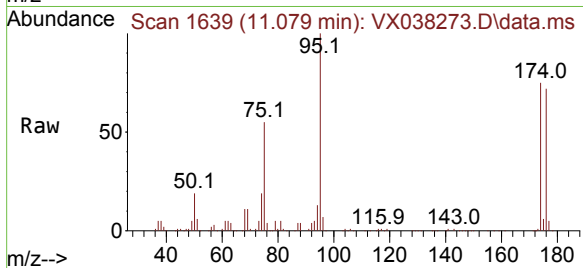




#81
trans-1,4-Dichloro-2-butene
Concen: 64.108 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

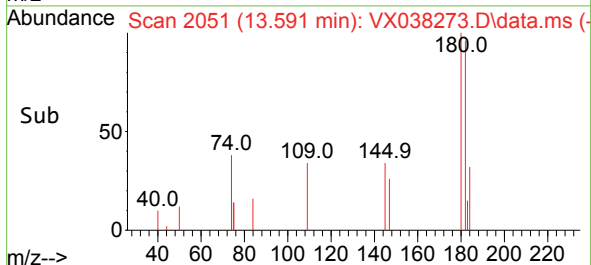
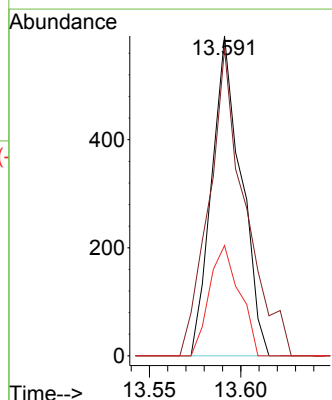
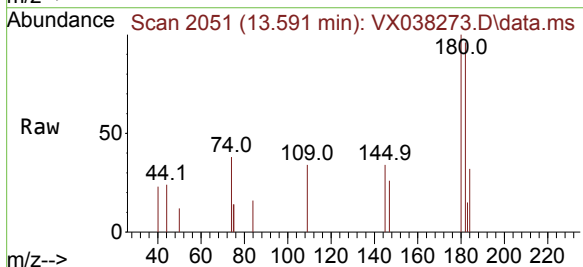
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

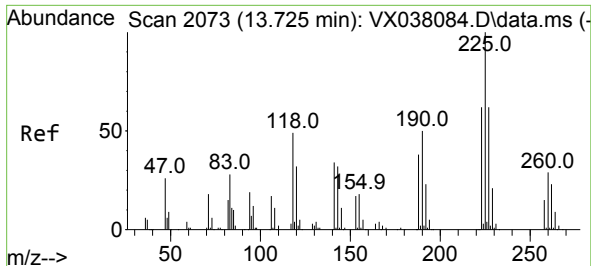
Tgt Ion: 75 Resp: 58265
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.274 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

Tgt Ion:180 Resp: 666
Ion Ratio Lower Upper
180 100
182 116.8 48.3 144.8
145 35.3 18.0 54.0

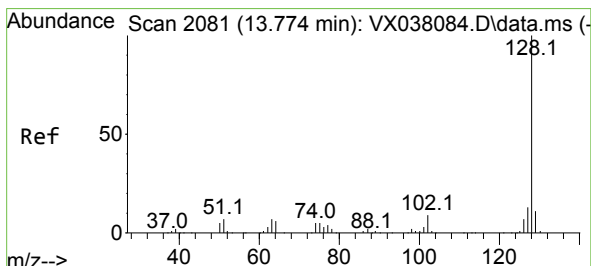
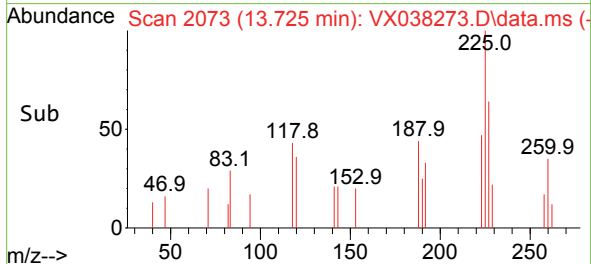
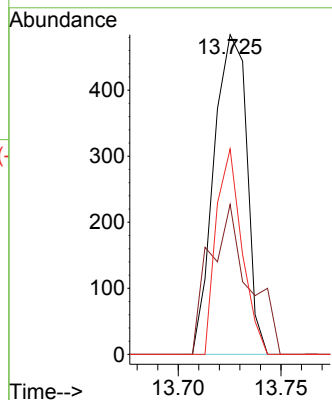
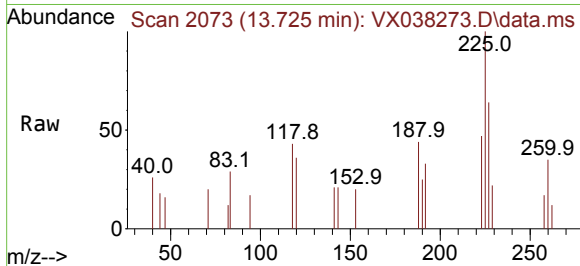




#94
Hexachlorobutadiene
Concen: 0.552 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

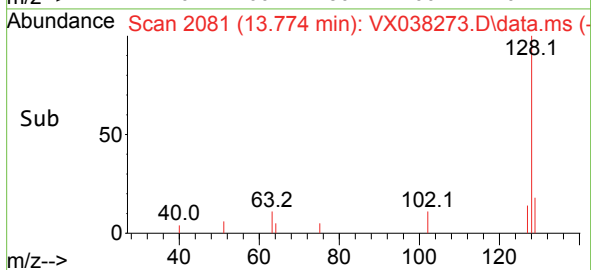
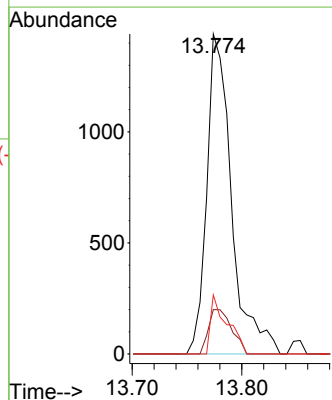
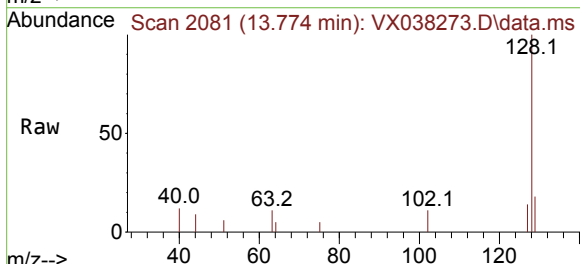
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

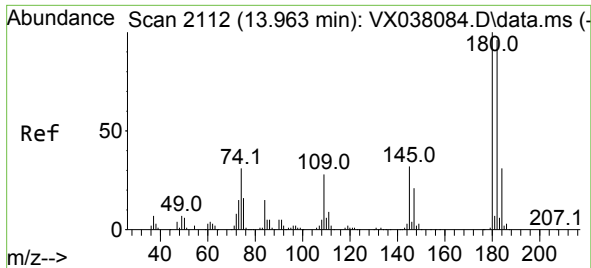
Tgt Ion:225 Resp: 539
Ion Ratio Lower Upper
225 100
223 56.2 31.1 93.2
227 50.3 32.5 97.5



#95
Naphthalene
Concen: 0.268 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038273.D
Acq: 13 Oct 2023 10:10

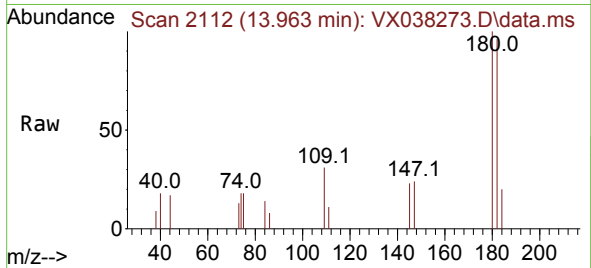
Tgt Ion:128 Resp: 2268
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 12.3 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.336 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX038273.D
 Acq: 13 Oct 2023 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013MBL01



Tgt Ion:	180	Resp:	790
Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.9	140.6
145	28.2	17.8	53.5

