

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040371.D
 Acq On : 21 Feb 2024 11:13
 Operator : JC/MD
 Sample : VX0221MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221MBL01

Quant Time: Feb 22 01:04:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

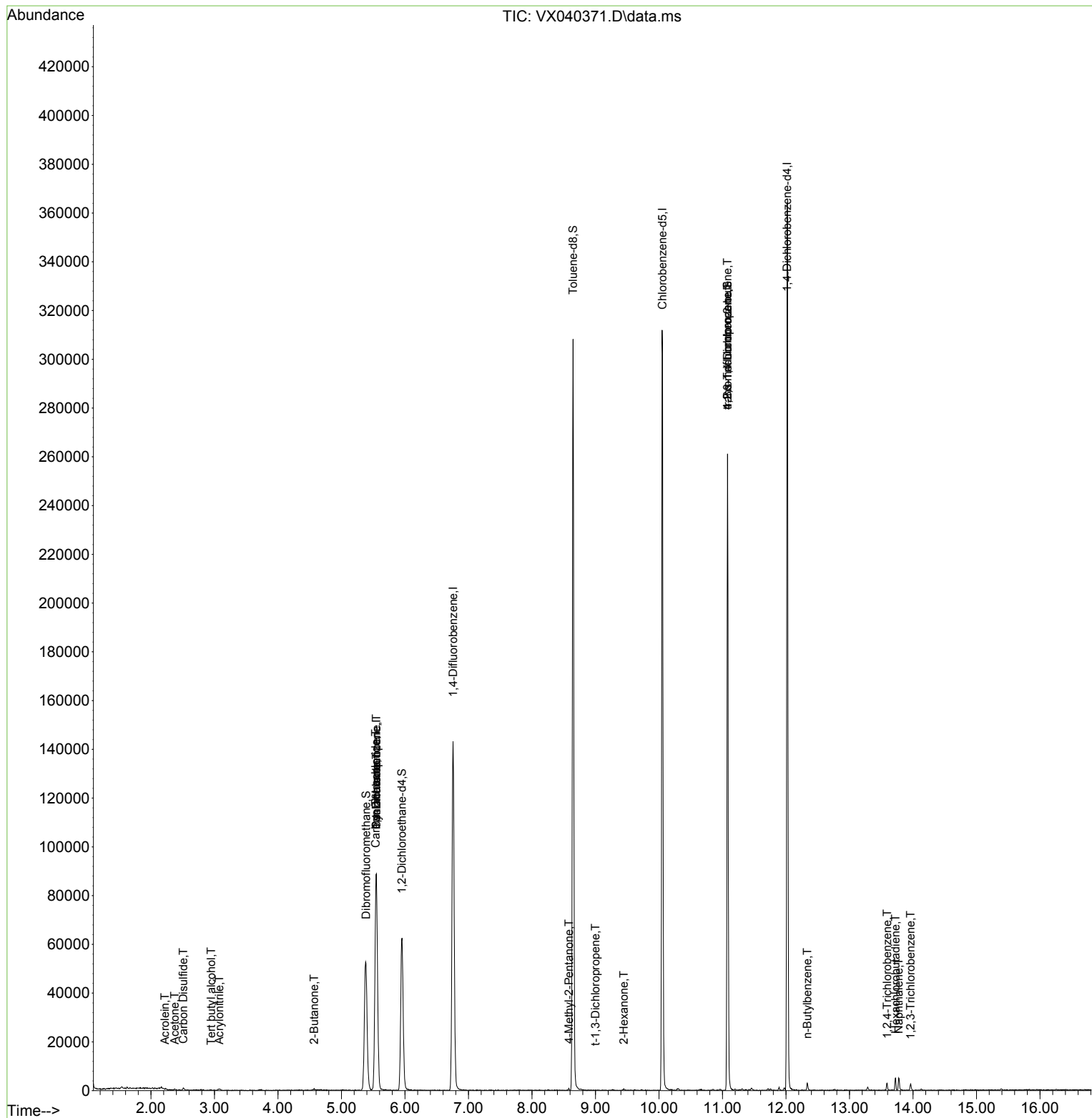
Internal Standards						
1) Pentafluorobenzene	5.550	168	80564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62089	51.803	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.600%			
35) Dibromofluoromethane	5.385	113	46767	47.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.740%			
50) Toluene-d8	8.647	98	175167	47.433	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.860%			
62) 4-Bromofluorobenzene	11.079	95	67487	44.808	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.620%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	165	0.707	ug/l #	78
13) Acrolein	2.221	56	94	0.436	ug/l #	1
15) Acrylonitrile	3.075	53	509	0.974	ug/l #	68
16) Acetone	2.374	43	489	0.993	ug/l	98
17) Carbon Disulfide	2.508	76	1071	0.493	ug/l #	76
20) Methylene Chloride	2.788	84	101	Below Cal	#	43
25) 2-Butanone	4.568	43	233	0.303	ug/l #	51
31) Cyclohexane	5.550	56	2101	1.470	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7578	5.480	ug/l #	51
38) Carbon Tetrachloride	5.538	117	8904	6.772	ug/l #	14
51) 4-Methyl-2-Pentanone	8.580	43	335	0.204	ug/l #	85
53) t-1,3-Dichloropropene	9.000	75	47	1.985	ug/l #	43
59) 2-Hexanone	9.446	43	454	0.349	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	37239	26.523	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	37239	72.742	ug/l #	5
89) n-Butylbenzene	12.335	91	1294	0.316	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	817	0.539	ug/l	96
94) Hexachlorobutadiene	13.725	225	910	1.505	ug/l	81
95) Naphthalene	13.774	128	3656	0.764	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	782	0.542	ug/l	93

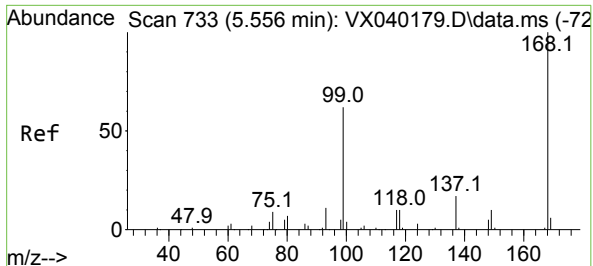
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
Data File : VX040371.D
Acq On : 21 Feb 2024 11:13
Operator : JC/MD
Sample : VX0221MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

Quant Time: Feb 22 01:04:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

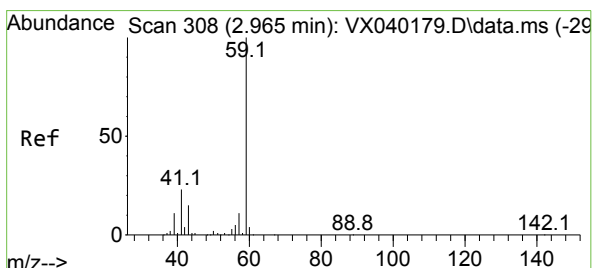
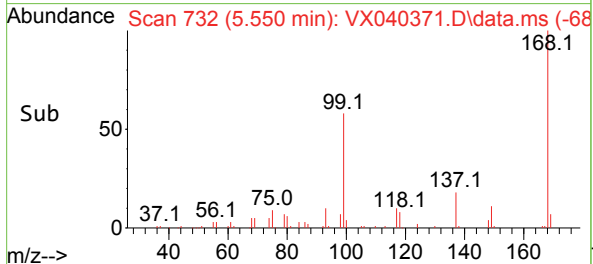
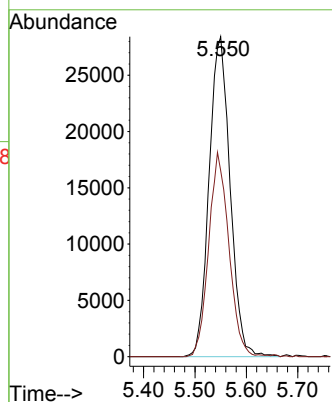
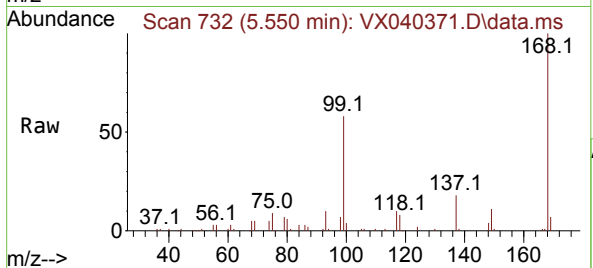




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

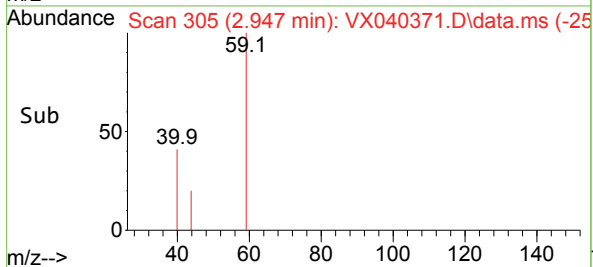
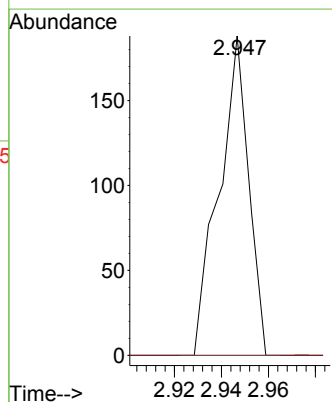
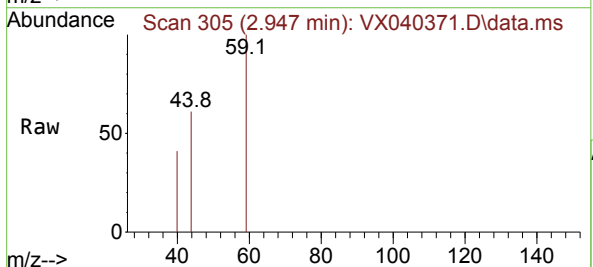
Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

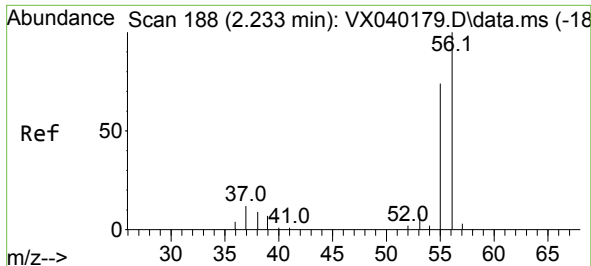
Tgt Ion:168 Resp: 80564
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.707 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

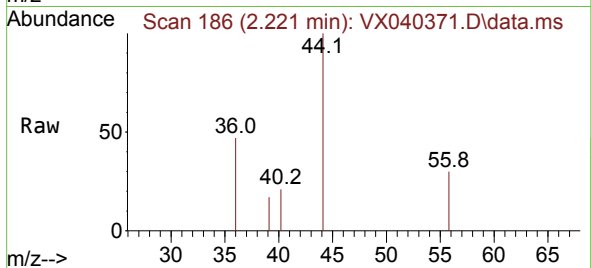
Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



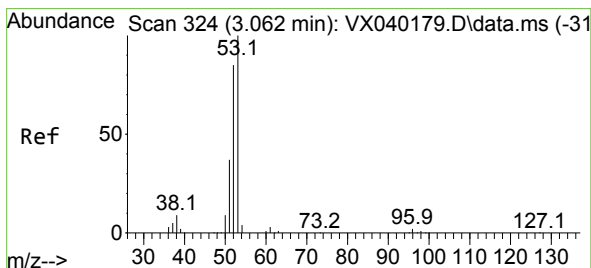
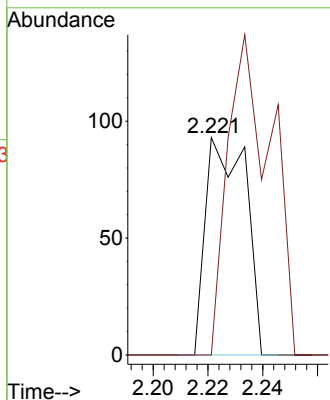
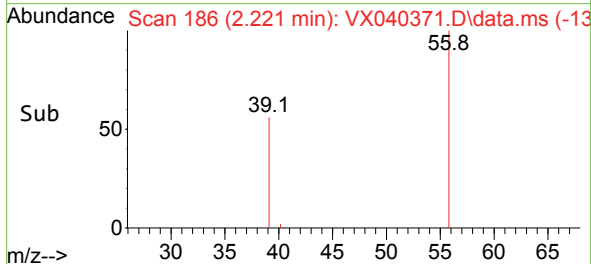


#13
Acrolein
Concen: 0.436 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.012 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

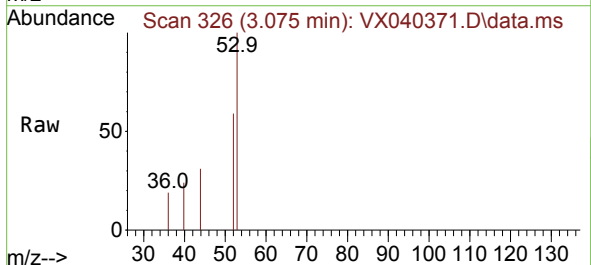
Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01



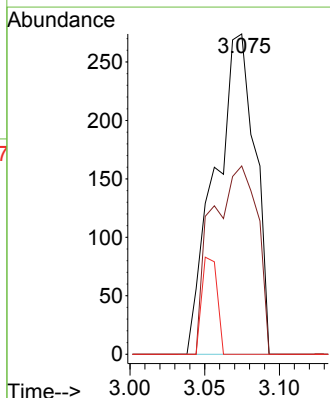
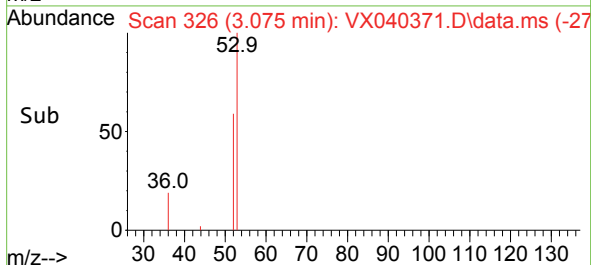
Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 160.6 57.1 85.7#

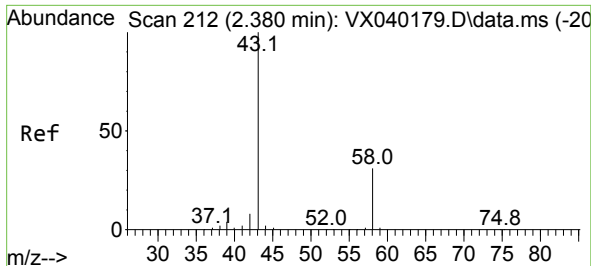


#15
Acrylonitrile
Concen: 0.974 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13



Tgt Ion: 53 Resp: 509
Ion Ratio Lower Upper
53 100
52 66.6 66.0 99.0
51 0.0 29.8 44.6#

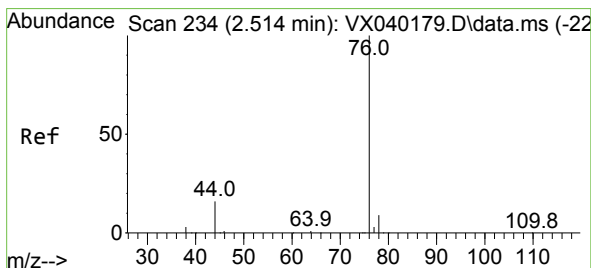
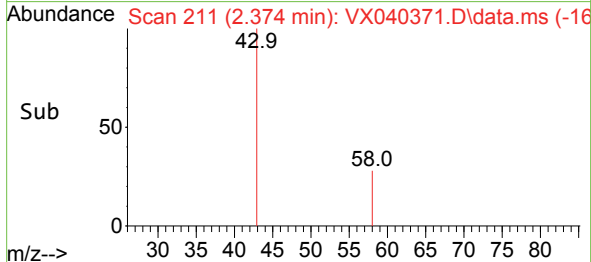
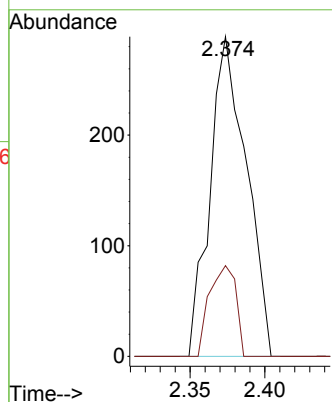
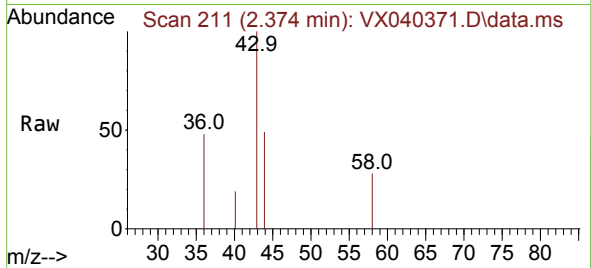




#16
Acetone
Concen: 0.993 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

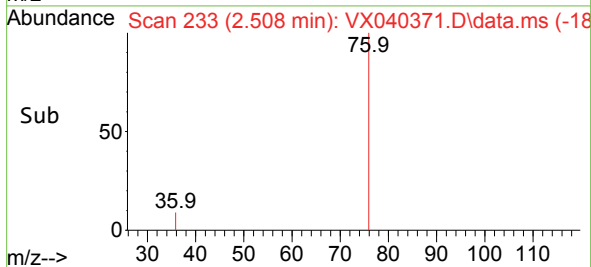
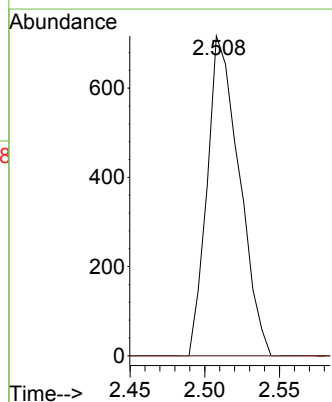
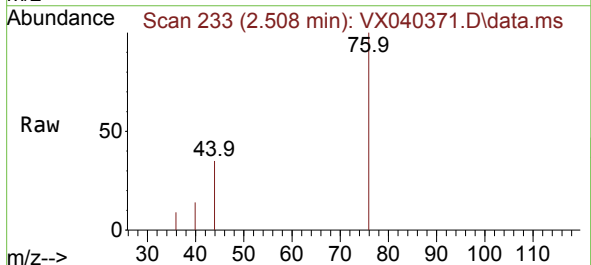
Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

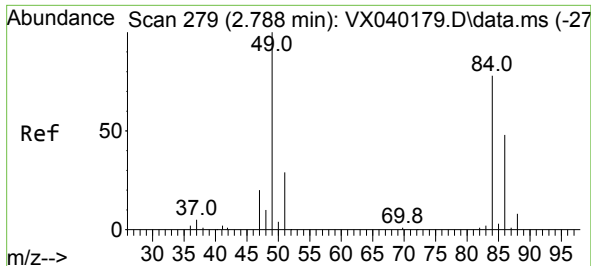
Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
58 28.4 21.9 32.9



#17
Carbon Disulfide
Concen: 0.493 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

Tgt Ion: 76 Resp: 1071
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040371.D

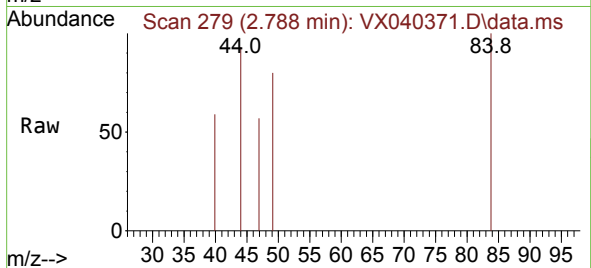
Acq: 21 Feb 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0221MBL01



Tgt Ion: 84 Resp: 101

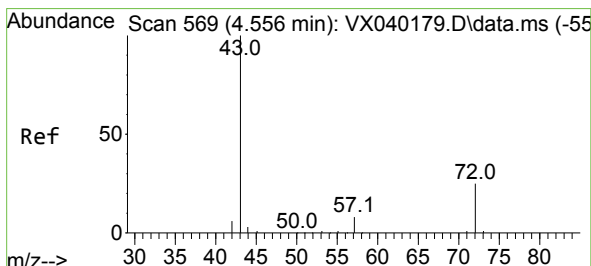
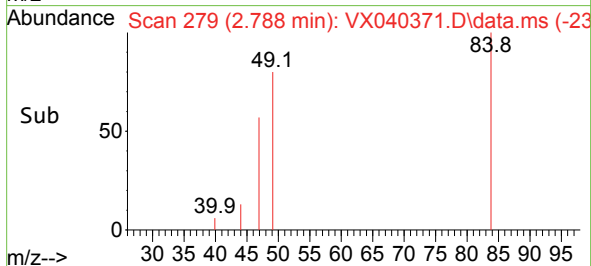
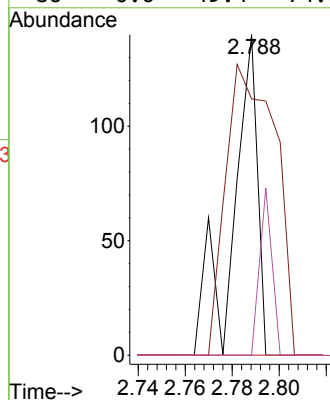
Ion Ratio Lower Upper

84 100

49 80.0 103.6 155.4#

51 0.0 33.8 50.6#

86 0.0 49.4 74.0#



#25

2-Butanone

Concen: 0.303 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX040371.D

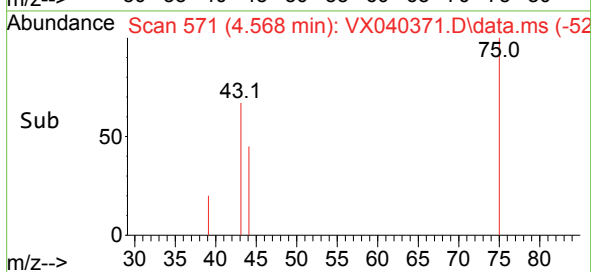
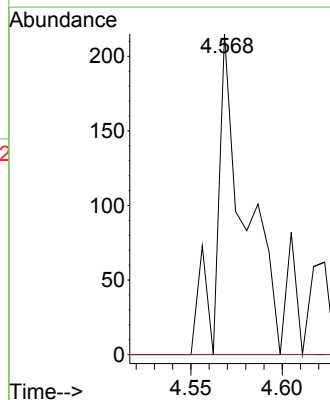
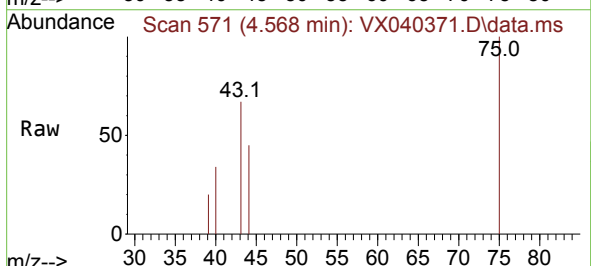
Acq: 21 Feb 2024 11:13

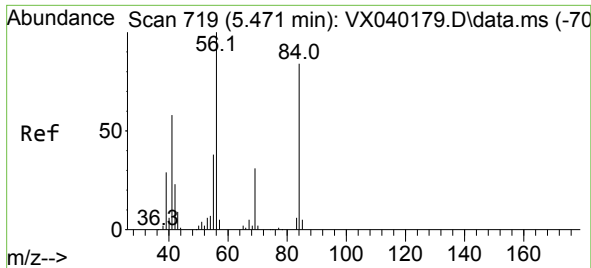
Tgt Ion: 43 Resp: 233

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#

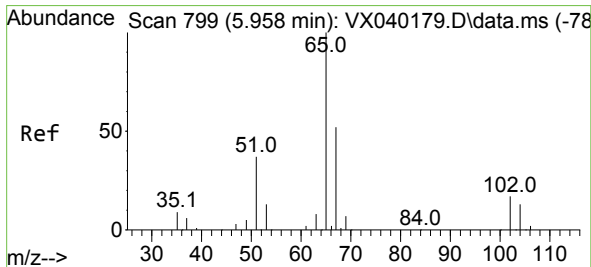
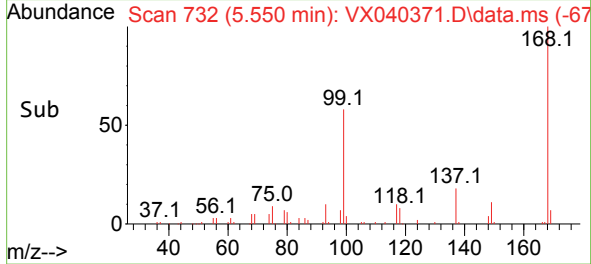
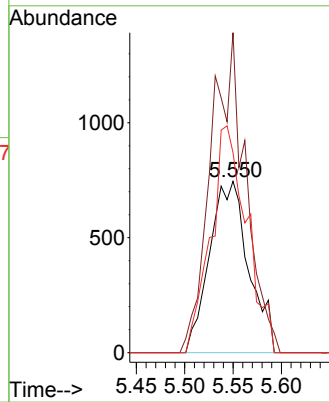
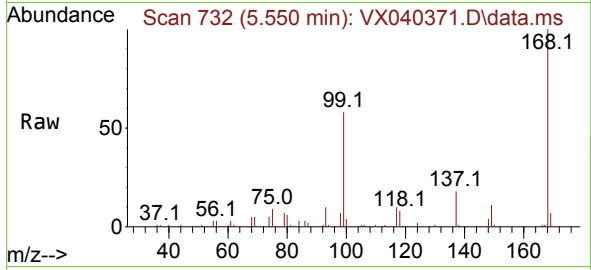




#31
Cyclohexane
Concen: 1.470 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

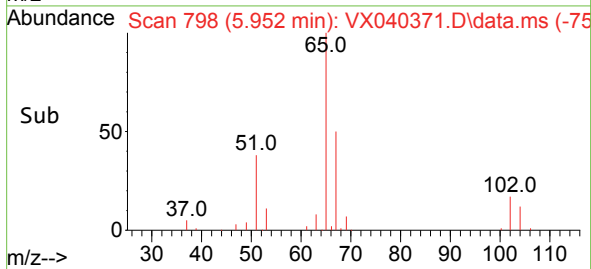
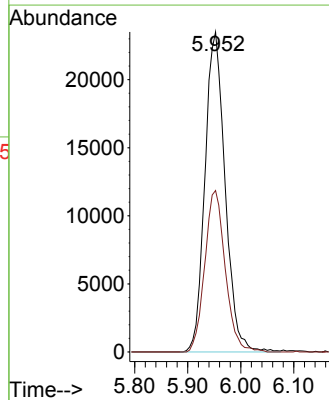
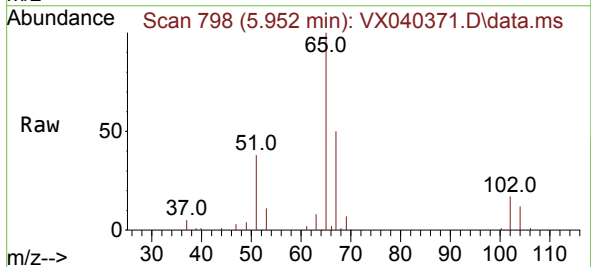
Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

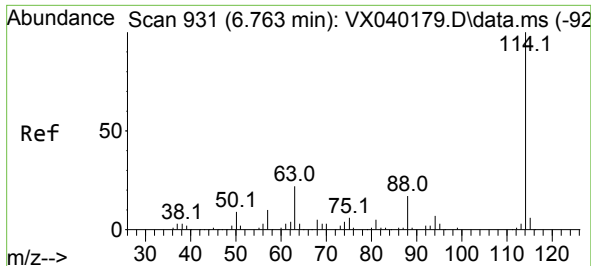
Tgt Ion: 56 Resp: 2101
Ion Ratio Lower Upper
56 100
69 186.8 23.4 35.2#
84 116.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.803 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

Tgt Ion: 65 Resp: 62089
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

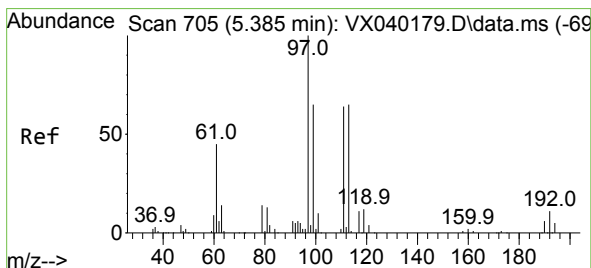
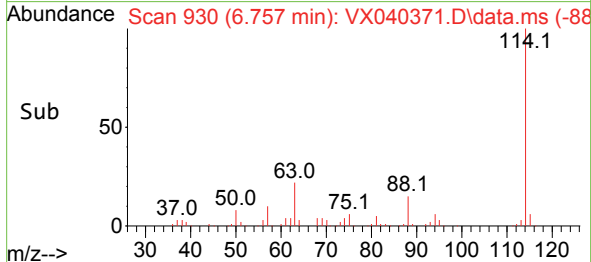
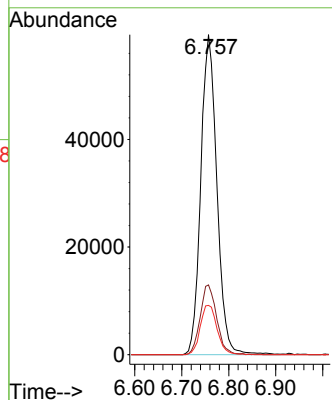
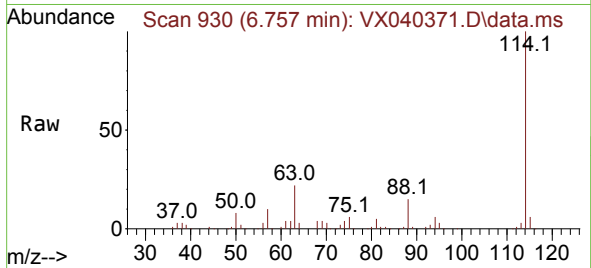




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

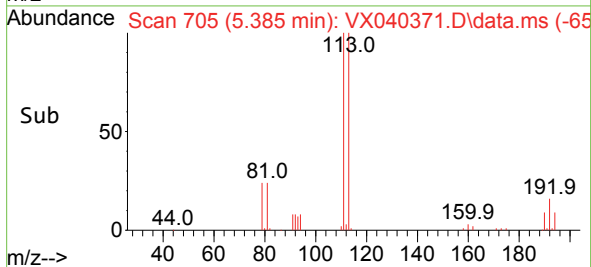
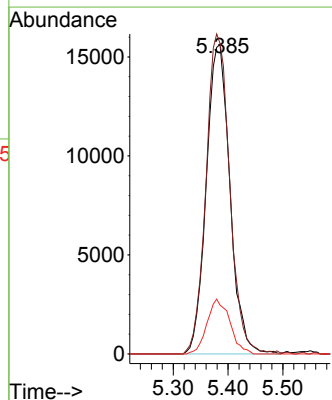
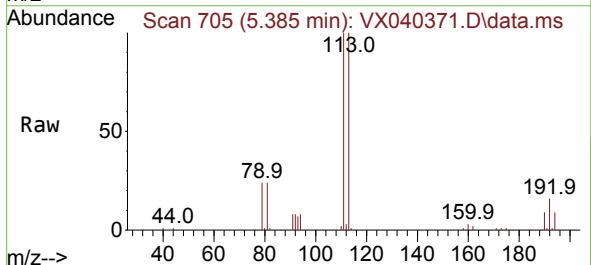
Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

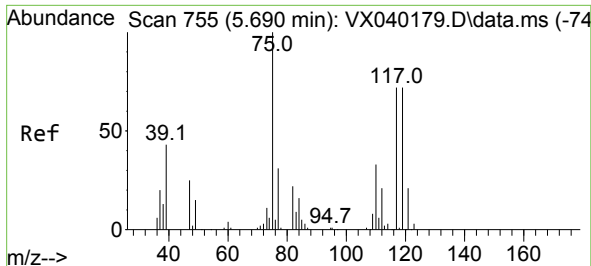
Tgt Ion:114 Resp: 141368
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.372 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

Tgt Ion:113 Resp: 46767
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 17.2 13.3 19.9

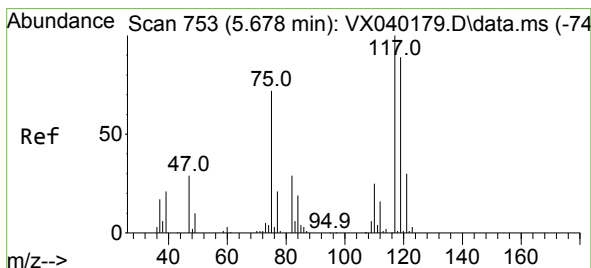
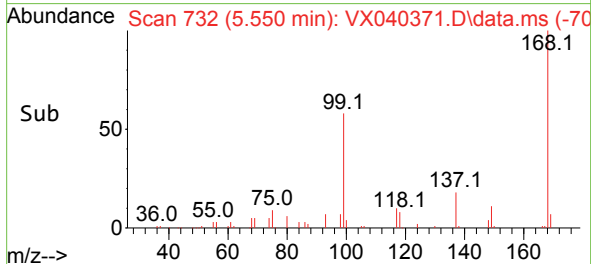
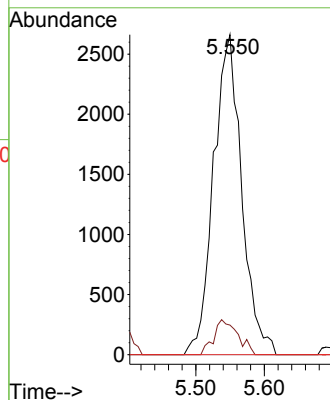
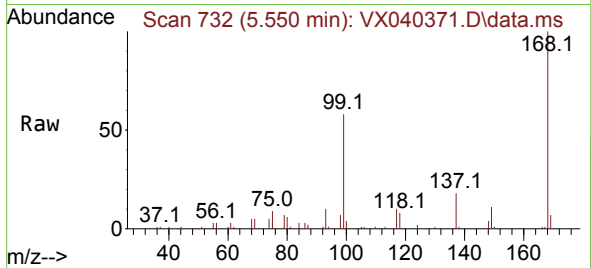




#36
1,1-Dichloropropene
Concen: 5.480 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

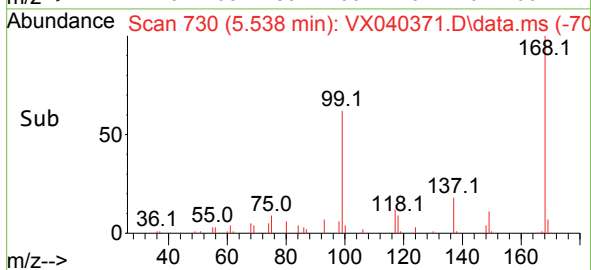
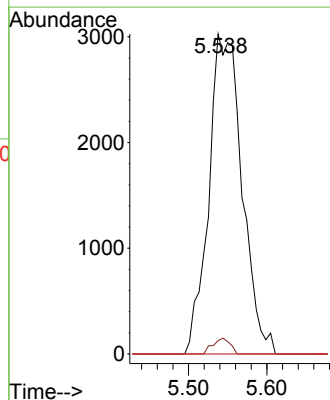
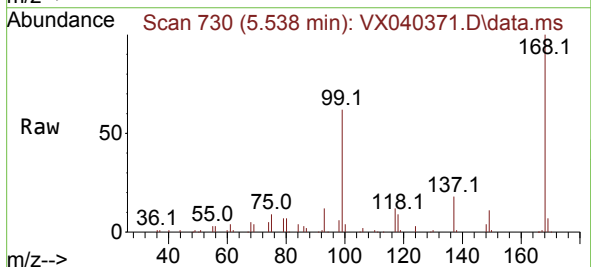
Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

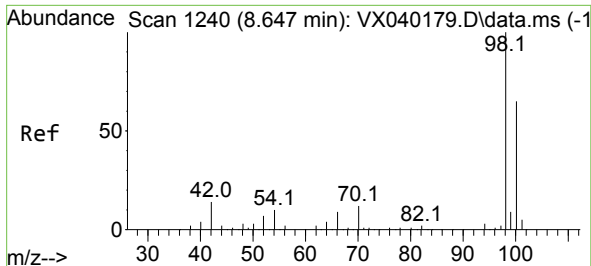
Tgt Ion: 75 Resp: 7578
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.772 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

Tgt Ion: 117 Resp: 8904
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

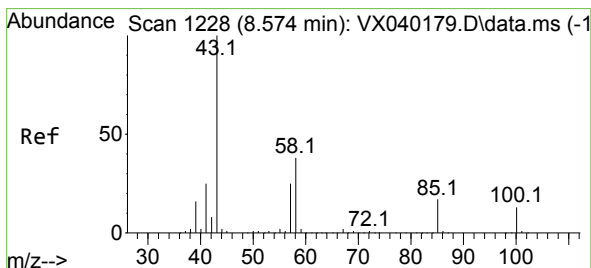
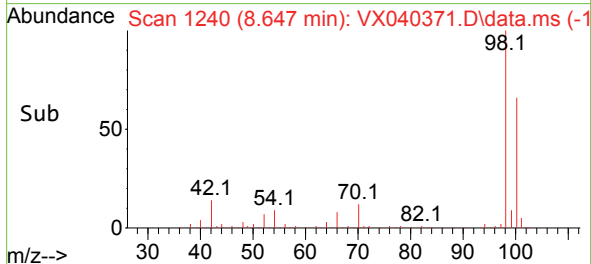
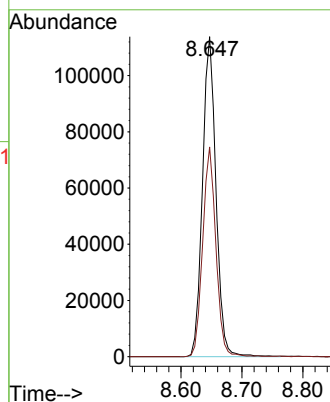
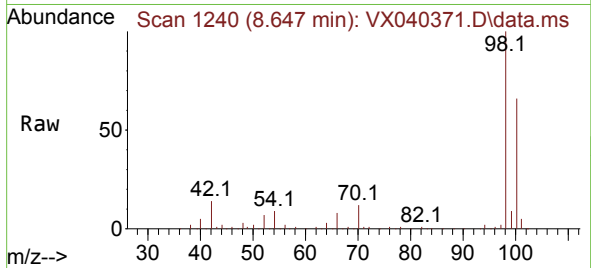




#50
Toluene-d8
Concen: 47.433 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

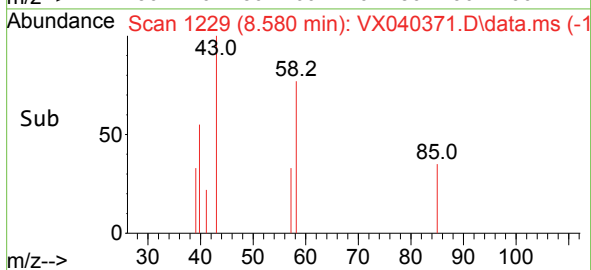
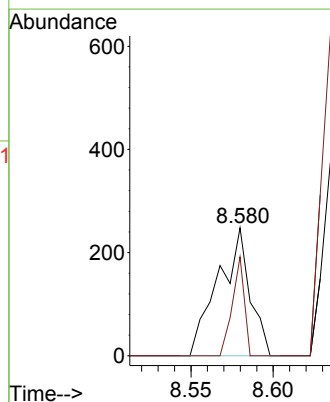
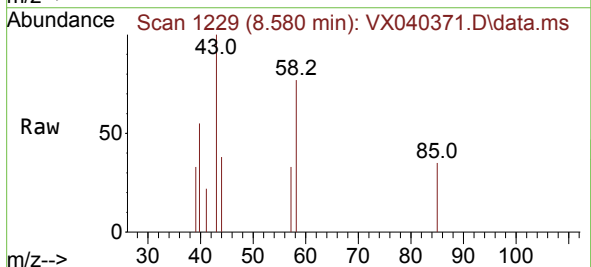
Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

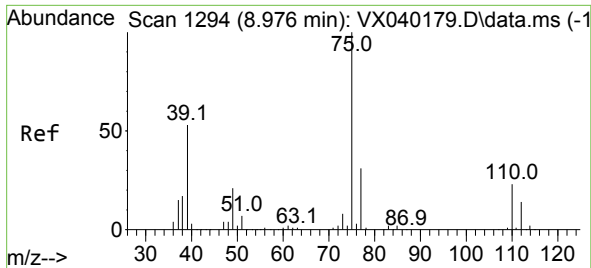
Tgt Ion: 98 Resp: 175167
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.204 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
58 29.0 30.4 45.6#

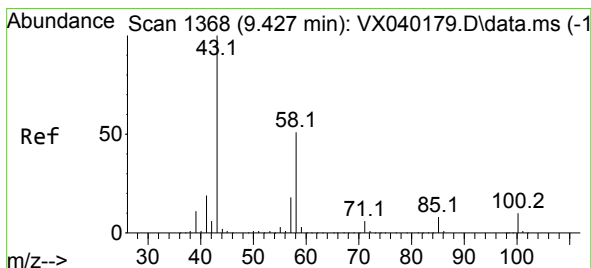
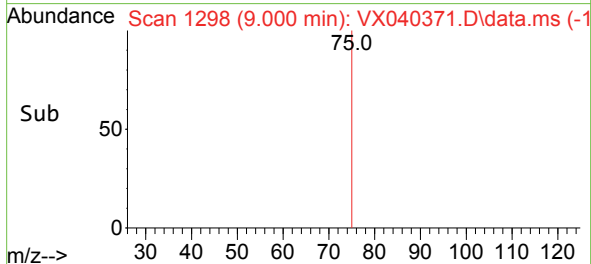
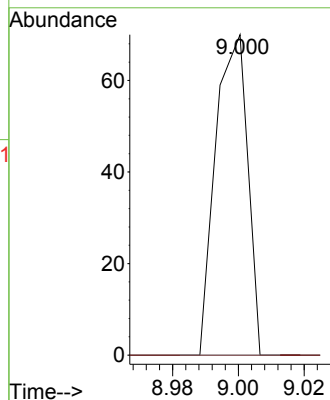
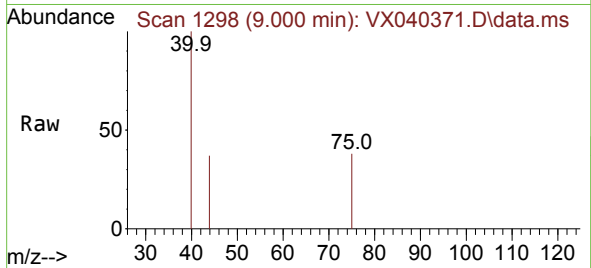




#53
 t-1,3-Dichloropropene
 Concen: 1.985 ug/l
 RT: 9.000 min Scan# 1371
 Delta R.T. 0.024 min
 Lab File: VX040371.D
 Acq: 21 Feb 2024 11:13

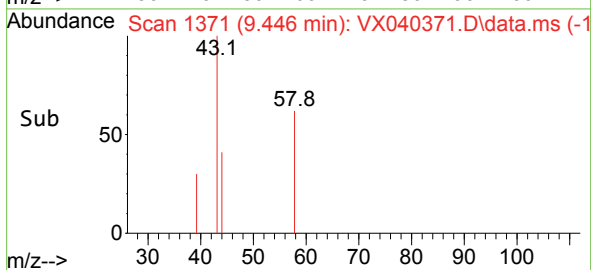
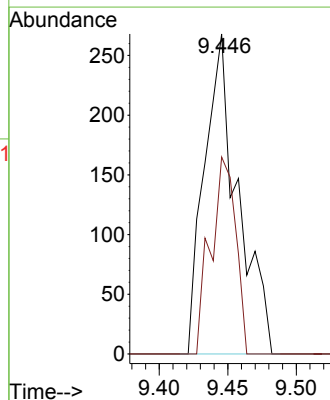
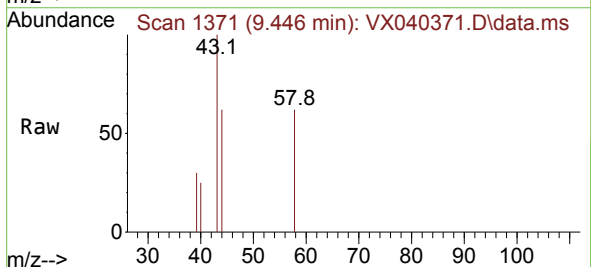
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221MBL01

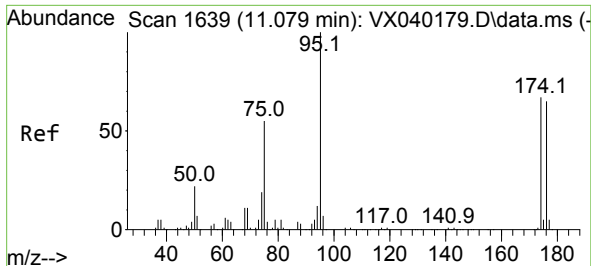
Tgt Ion: 75 Resp: 47
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 0.349 ug/l
 RT: 9.446 min Scan# 1371
 Delta R.T. 0.018 min
 Lab File: VX040371.D
 Acq: 21 Feb 2024 11:13

Tgt Ion: 43 Resp: 454
 Ion Ratio Lower Upper
 43 100
 58 46.0 26.2 78.5

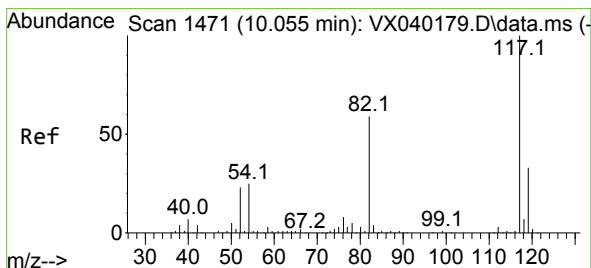
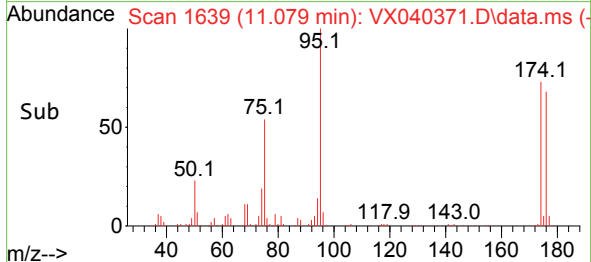
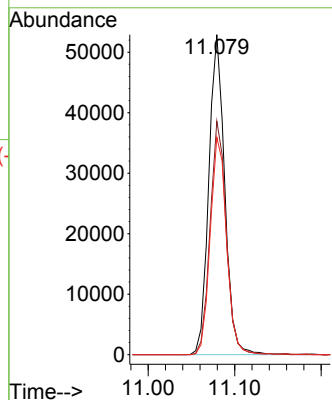
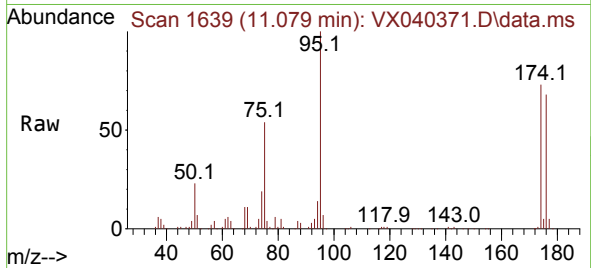




#62
4-Bromofluorobenzene
Concen: 44.808 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

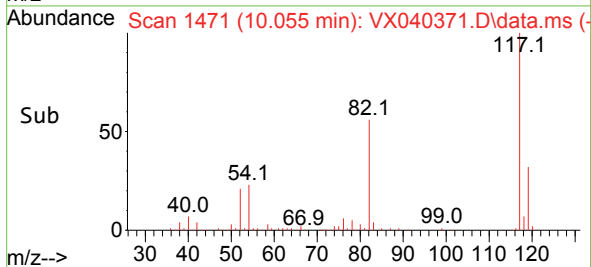
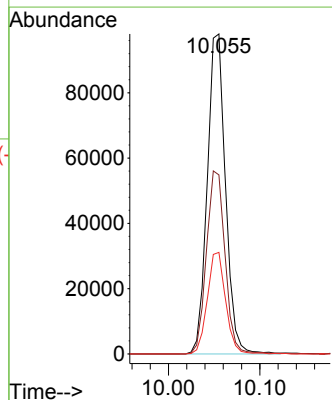
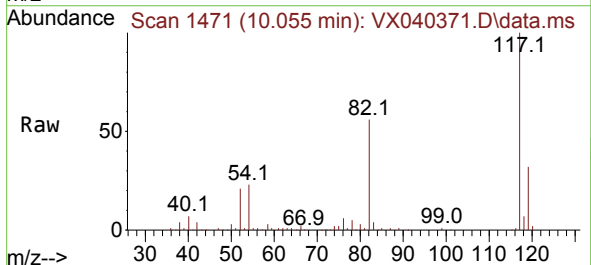
Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

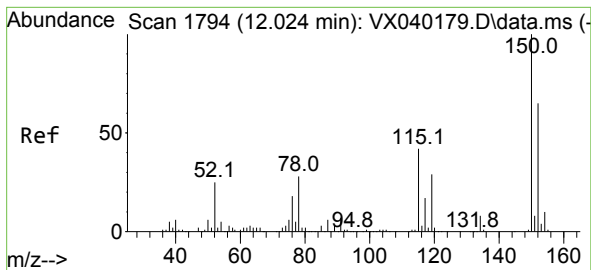
Tgt Ion: 95 Resp: 67487
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 69.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

Tgt Ion: 117 Resp: 135660
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040371.D

Acq: 21 Feb 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0221MBL01

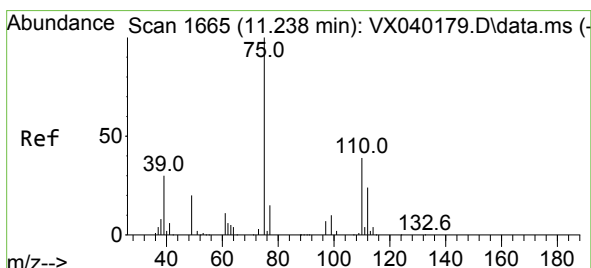
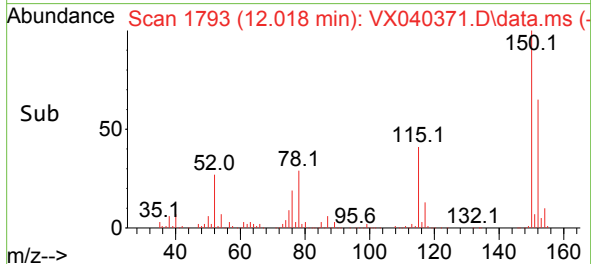
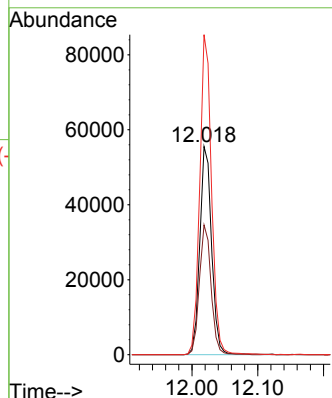
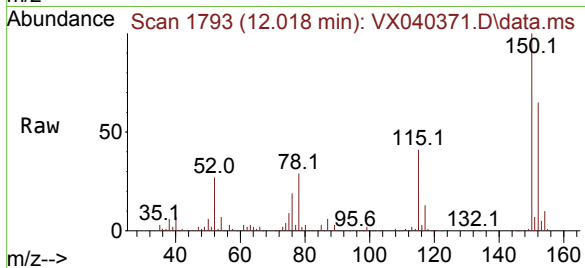
Tgt Ion:152 Resp: 69333

Ion Ratio Lower Upper

152 100

115 61.8 43.3 129.9

150 153.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.523 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040371.D

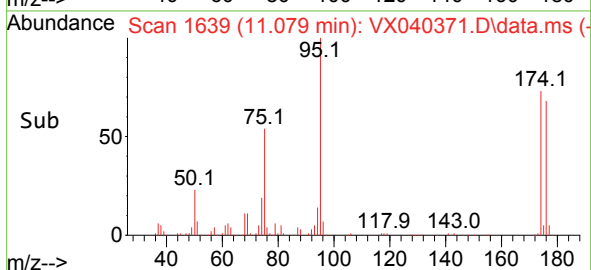
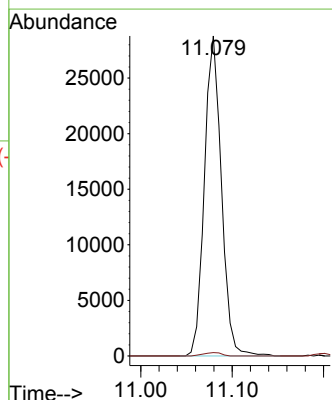
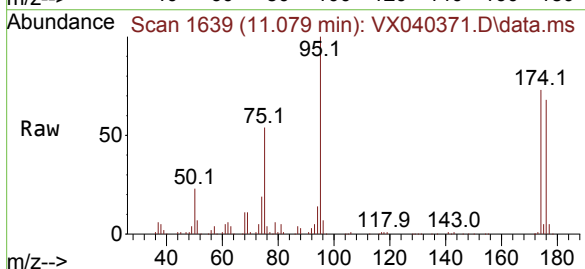
Acq: 21 Feb 2024 11:13

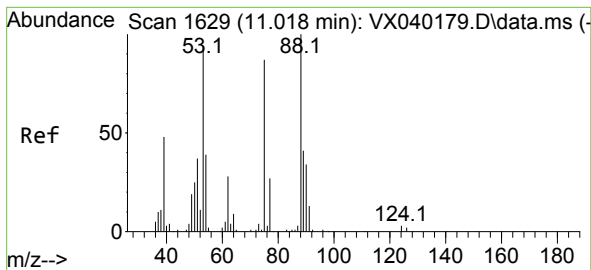
Tgt Ion: 75 Resp: 37239

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

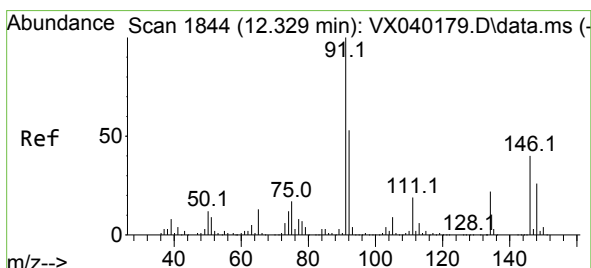
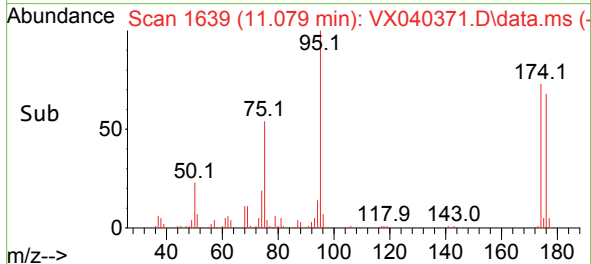
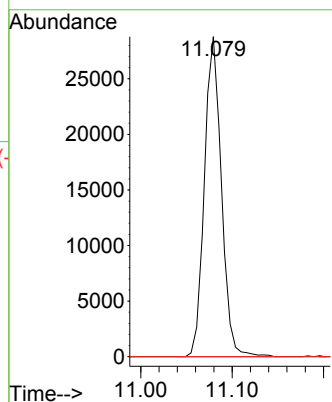
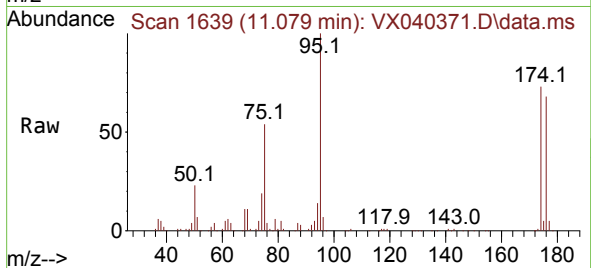




#81
trans-1,4-Dichloro-2-butene
Concen: 72.742 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

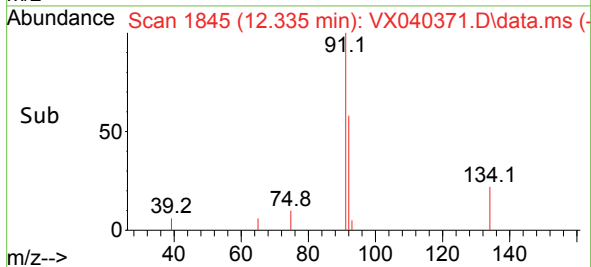
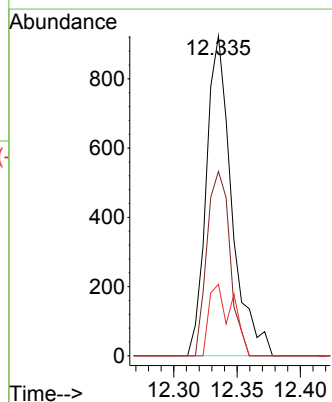
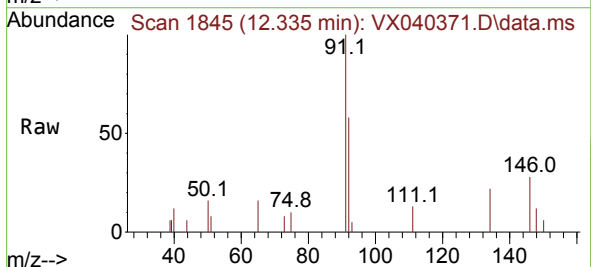
Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

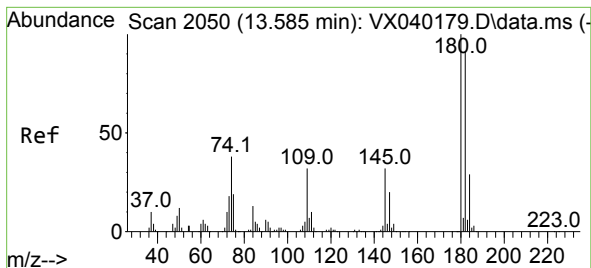
Tgt Ion: 75 Resp: 37239
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.316 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

Tgt Ion: 91 Resp: 1294
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 20.6 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.539 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX040371.D

Acq: 21 Feb 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0221MBL01

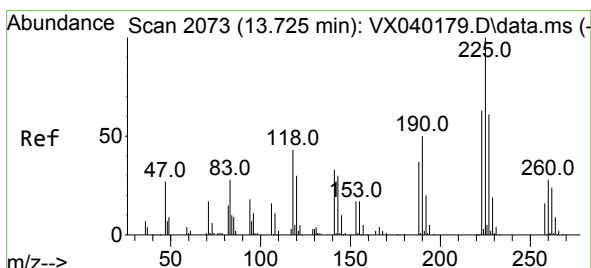
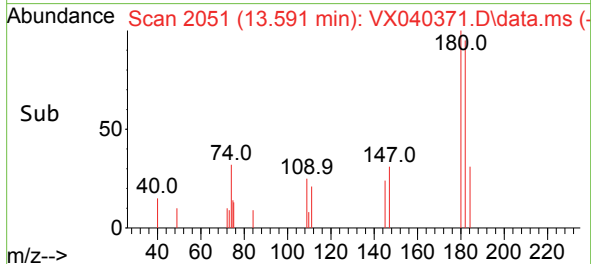
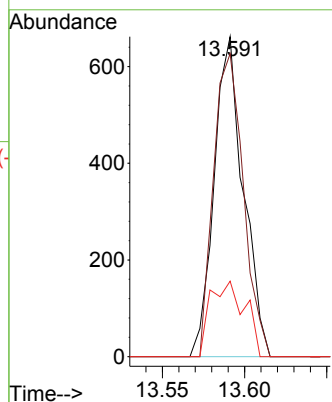
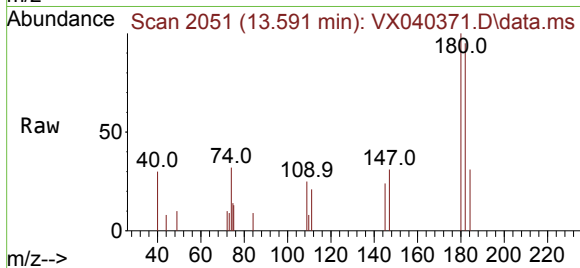
Tgt Ion:180 Resp: 817

Ion Ratio Lower Upper

180 100

182 96.6 48.3 144.8

145 27.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 1.505 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040371.D

Acq: 21 Feb 2024 11:13

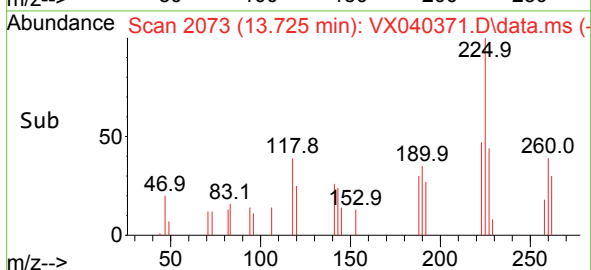
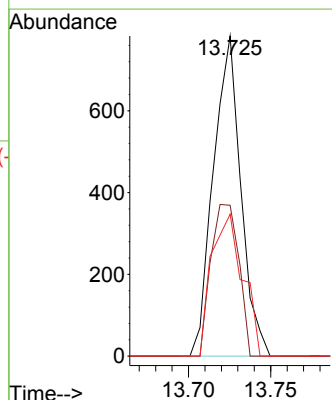
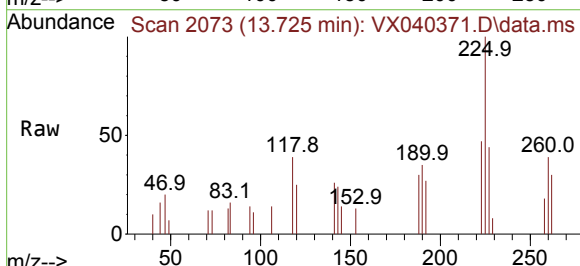
Tgt Ion:225 Resp: 910

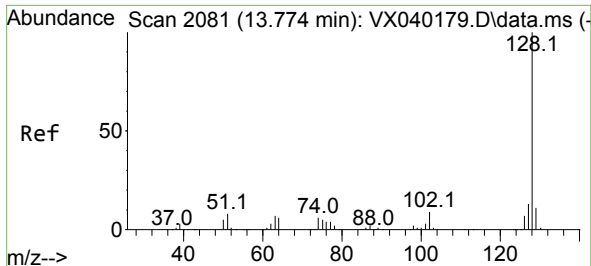
Ion Ratio Lower Upper

225 100

223 47.8 31.1 93.2

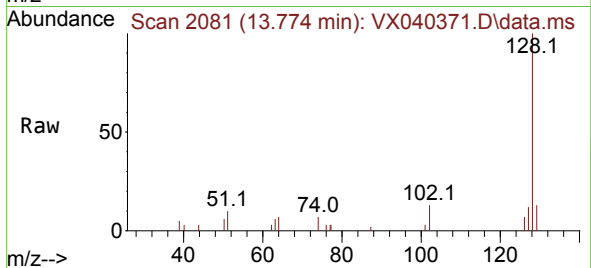
227 50.4 32.5 97.5



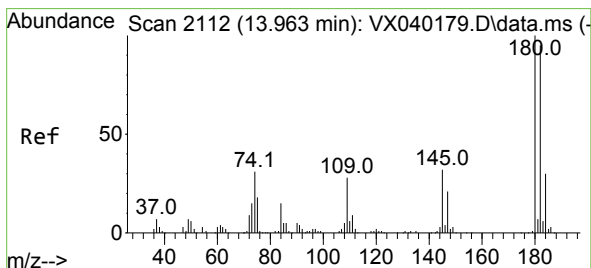
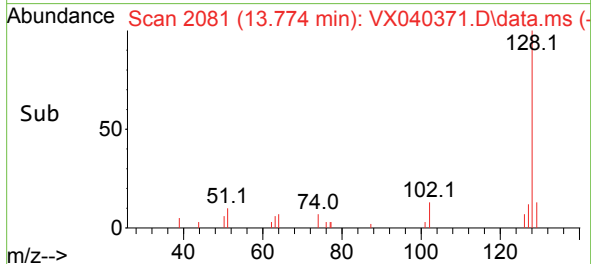
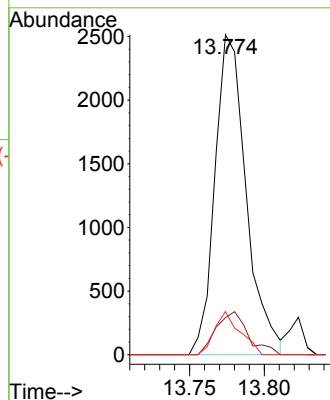


#95
Naphthalene
Concen: 0.764 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01



Tgt Ion:128 Resp: 3656
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.542 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040371.D
Acq: 21 Feb 2024 11:13

Tgt Ion:180 Resp: 782
Ion Ratio Lower Upper
180 100
182 97.3 46.9 140.6
145 27.5 17.8 53.5

