

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013474.D
 Acq On : 26 Apr 2023 15:30
 Operator : KP/MD
 Sample : 02407-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NORTH-ST-&-BAY-AVE-INTERSECTION

Quant Time: Apr 27 01:33:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

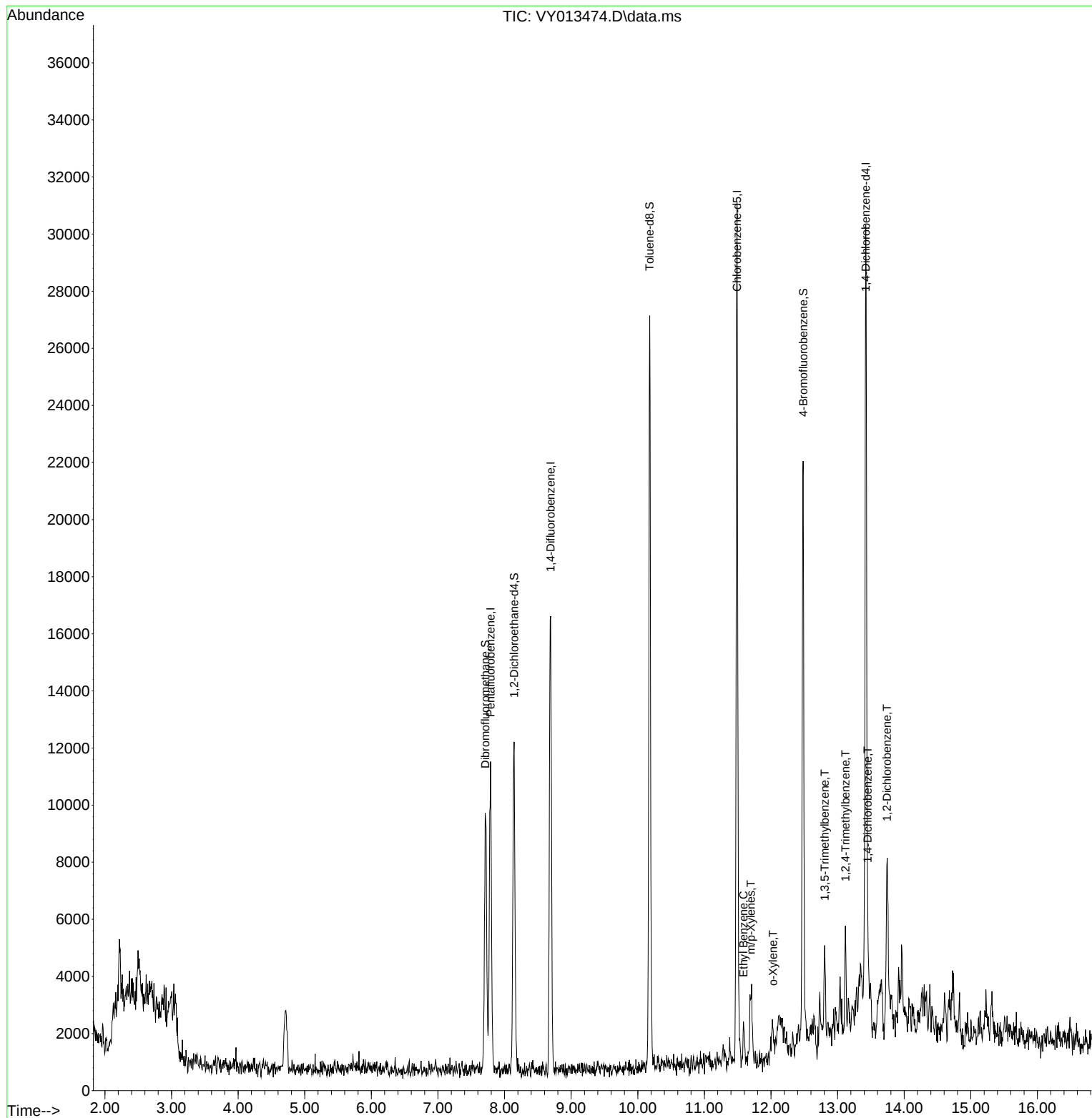
Internal Standards						
1) Pentafluorobenzene	7.789	168	7881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	13152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	14494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8648	100.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 200.200%#	
35) Dibromofluoromethane	7.710	113	6268	75.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 151.540%#	
50) Toluene-d8	10.179	98	16287	55.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.700%	
62) 4-Bromofluorobenzene	12.483	95	6174	62.235	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 124.460%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.587	91	1052	1.897	ug/l #	65
68) m/p-Xylenes	11.697	106	781	3.705	ug/l	99
69) o-Xylene	12.032	106	282	1.415	ug/l	63
80) 1,3,5-Trimethylbenzene	12.806	105	686	1.892	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	1694	4.806	ug/l	96
88) 1,4-Dichlorobenzene	13.453	146	669	3.230	ug/l #	86
91) 1,2-Dichlorobenzene	13.739	146	1020	5.508	ug/l #	83

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

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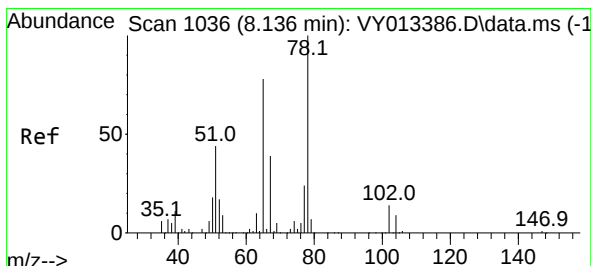
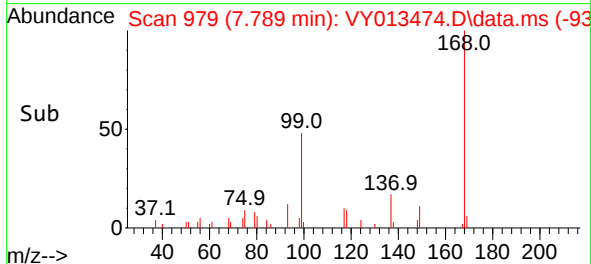
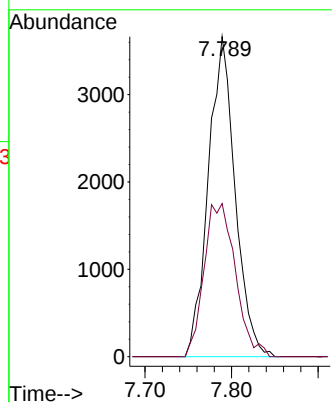
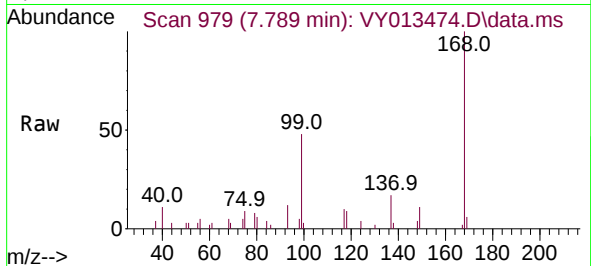




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013474.D
Acq: 26 Apr 2023 15:30

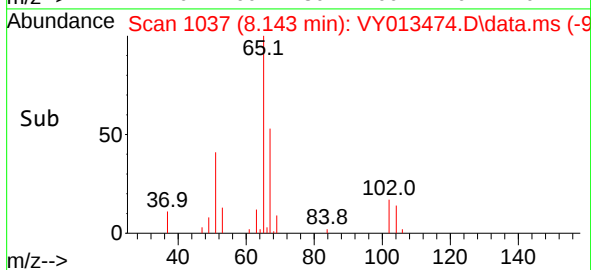
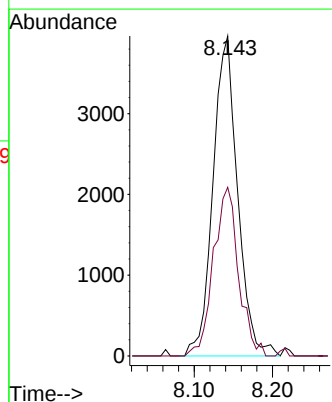
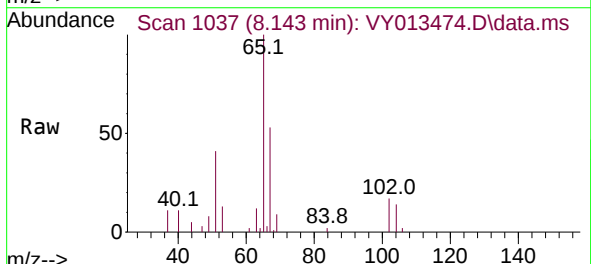
Instrument :
MSVOA_Y
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

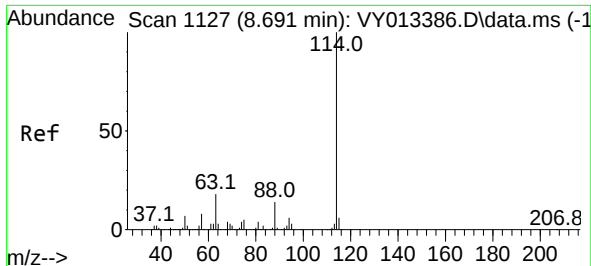
Tgt Ion:168 Resp: 7881
Ion Ratio Lower Upper
168 100
99 47.9 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 100.100 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013474.D
Acq: 26 Apr 2023 15:30

Tgt Ion: 65 Resp: 8648
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.4

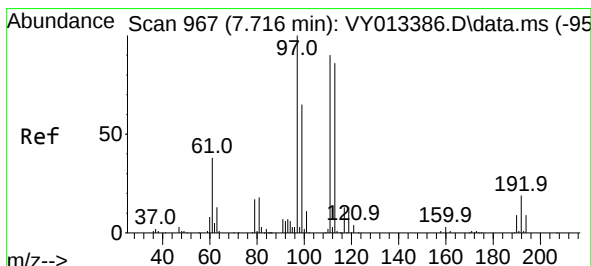
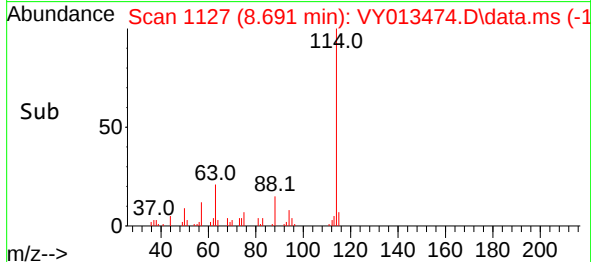
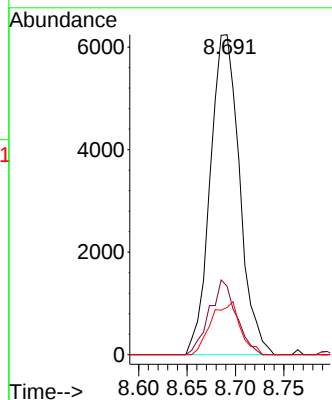
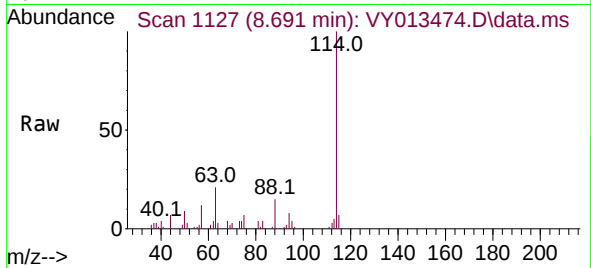




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013474.D
Acq: 26 Apr 2023 15:30

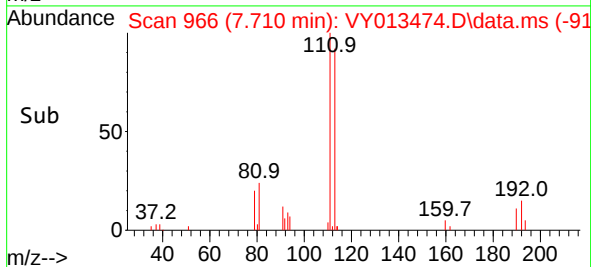
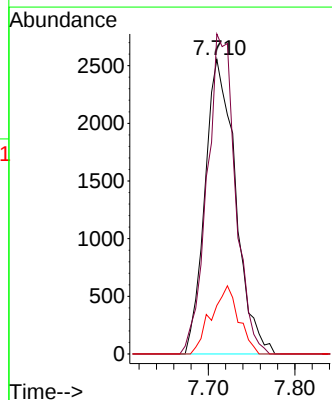
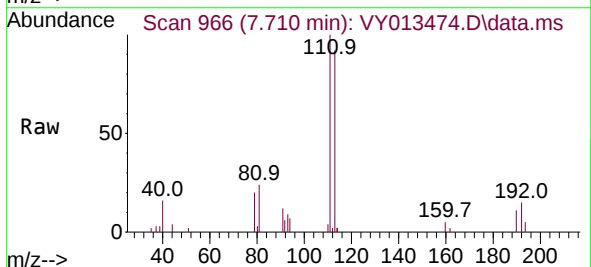
Instrument : MSVOA_Y
ClientSampleId : NORTH-ST-&-BAY-AVE-INTERSECTION

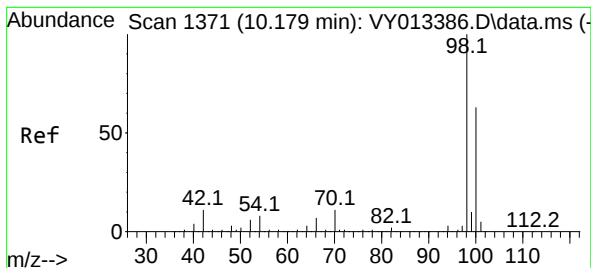
Tgt Ion:	114	Resp:	13152
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	36.6
88	14.8	0.0	28.8



#35
Dibromofluoromethane
Concen: 75.774 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013474.D
Acq: 26 Apr 2023 15:30

Tgt Ion:	113	Resp:	6268
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.2	123.2
192	20.7	16.7	25.1





#50

Toluene-d8

Concen: 55.347 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013474.D

Acq: 26 Apr 2023 15:30

Instrument :

MSVOA_Y

ClientSampleId :

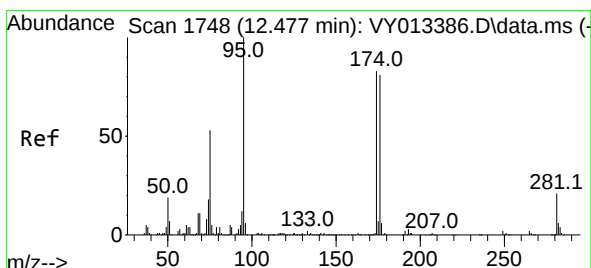
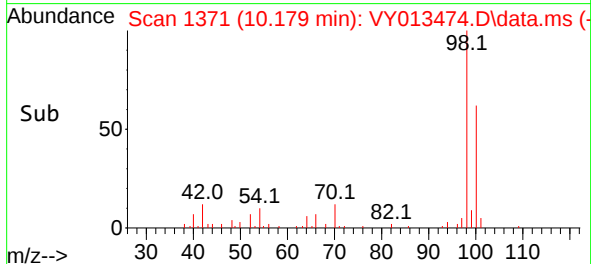
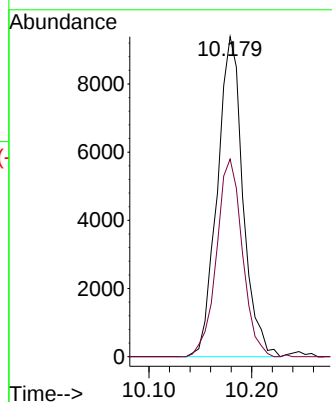
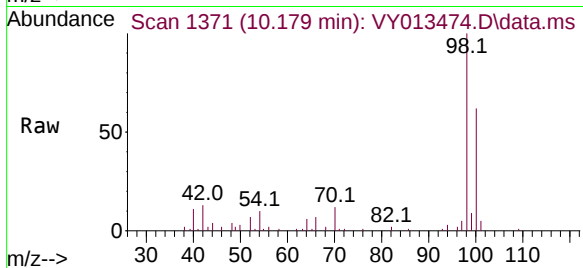
NORTH-ST-&-BAY-AVE-INTERSECTION

Tgt Ion: 98 Resp: 16287

Ion Ratio Lower Upper

98 100

100 61.9 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 62.235 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013474.D

Acq: 26 Apr 2023 15:30

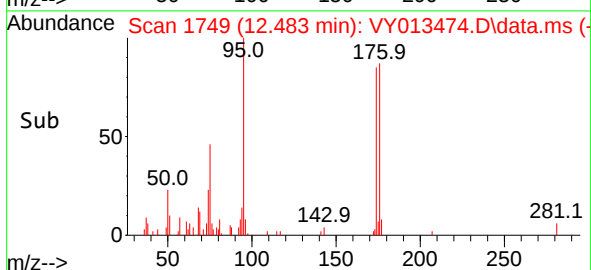
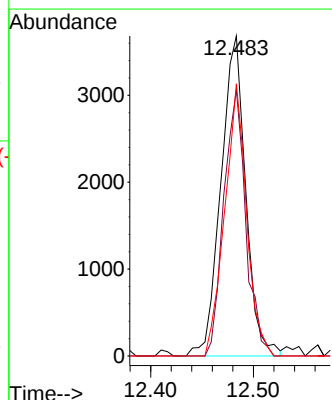
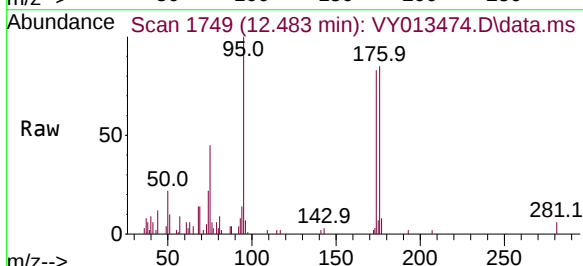
Tgt Ion: 95 Resp: 6174

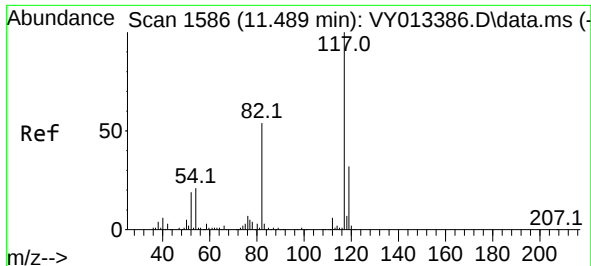
Ion Ratio Lower Upper

95 100

174 73.7 0.0 182.0

176 75.0 0.0 175.4

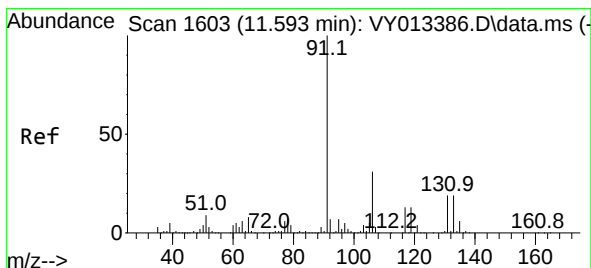
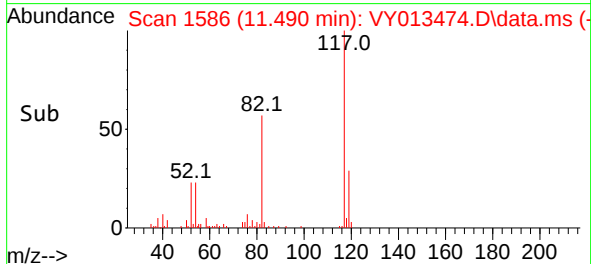
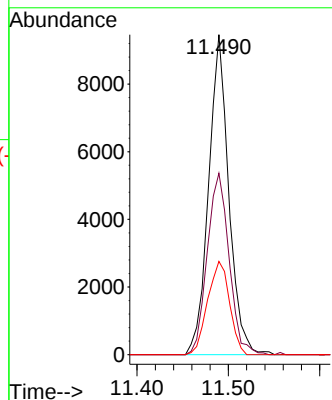
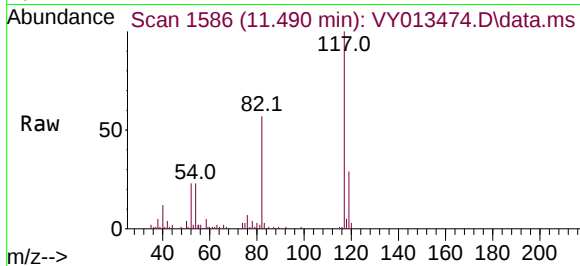




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013474.D
Acq: 26 Apr 2023 15:30

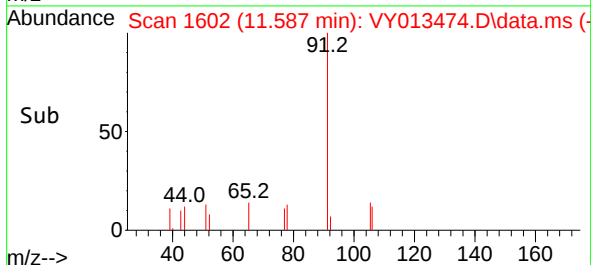
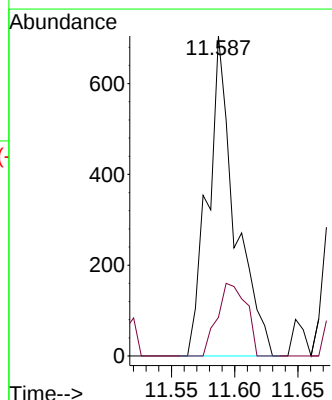
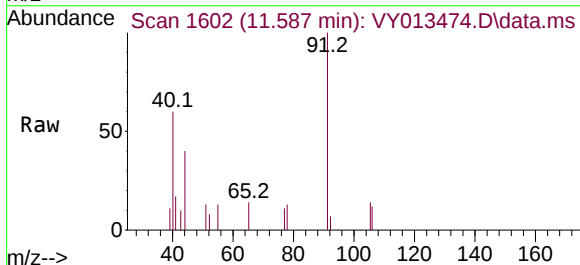
Instrument :
MSVOA_Y
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

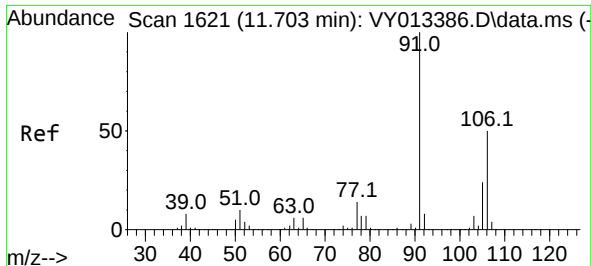
Tgt Ion:	117	Resp:	14494
Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.0	64.6
119	29.1	25.5	38.3



#67
Ethyl Benzene
Concen: 1.897 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013474.D
Acq: 26 Apr 2023 15:30

Tgt Ion:	91	Resp:	1052
Ion	Ratio	Lower	Upper
91	100		
106	12.1	25.1	37.7#

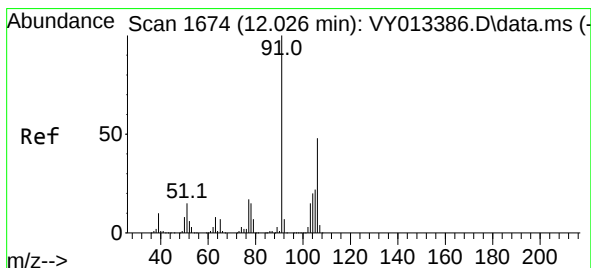
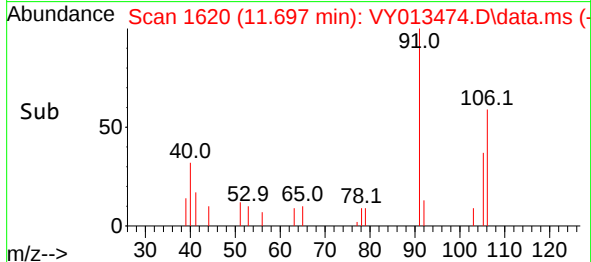
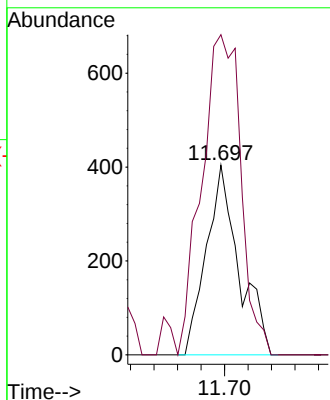
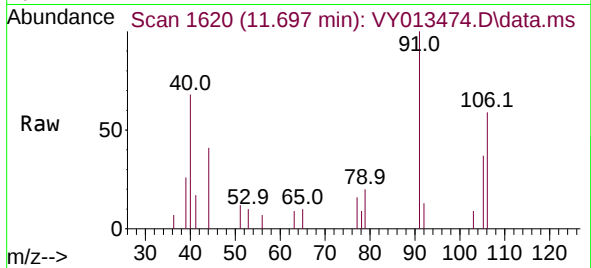




#68
m/p-Xylenes
Concen: 3.705 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013474.D
Acq: 26 Apr 2023 15:30

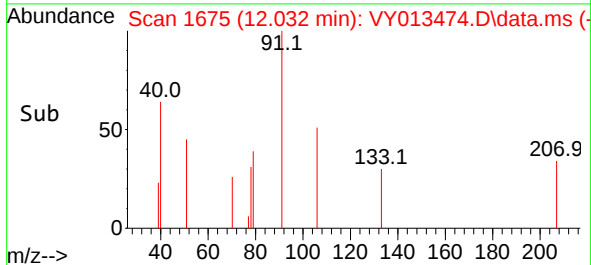
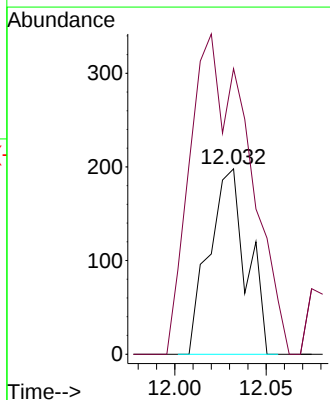
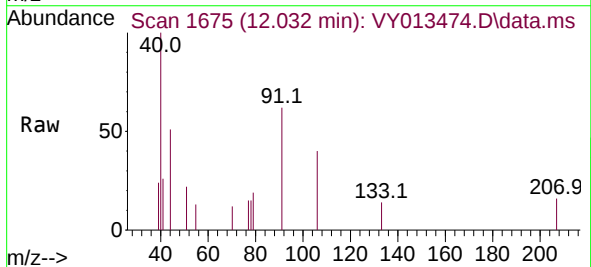
Instrument :
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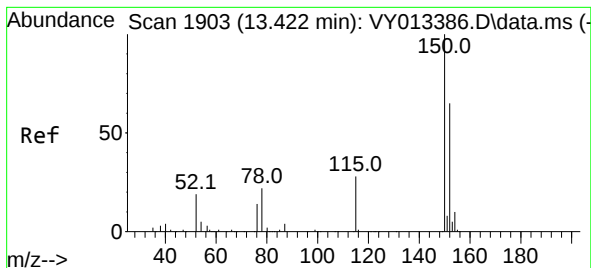
Tgt Ion:106 Resp: 781
Ion Ratio Lower Upper
106 100
91 202.3 160.9 241.3



#69
o-Xylene
Concen: 1.415 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013474.D
Acq: 26 Apr 2023 15:30

Tgt Ion:106 Resp: 282
Ion Ratio Lower Upper
106 100
91 269.1 105.5 316.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013474.D

Acq: 26 Apr 2023 15:30

Instrument :

MSVOA_Y

ClientSampleId :

NORTH-ST-&-BAY-AVE-INTERSECTION

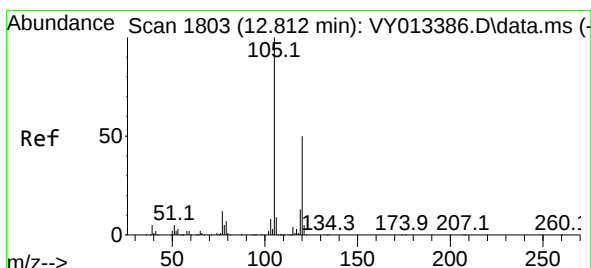
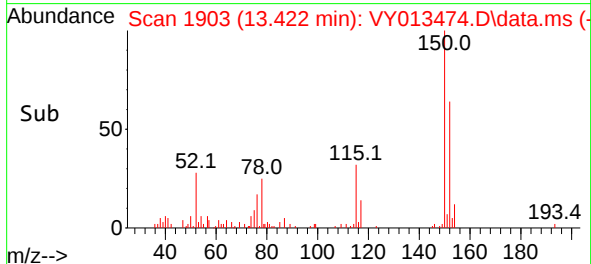
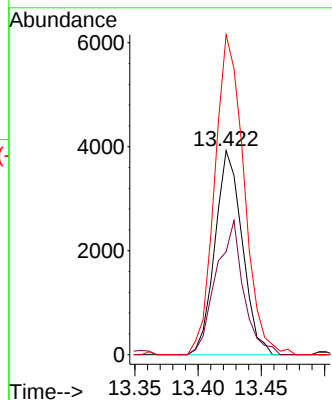
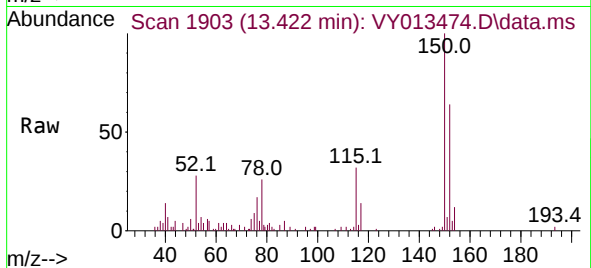
Tgt Ion:152 Resp: 5873

Ion Ratio Lower Upper

152 100

115 66.2 28.1 84.2

150 168.1 0.0 352.0



#80

1,3,5-Trimethylbenzene

Concen: 1.892 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY013474.D

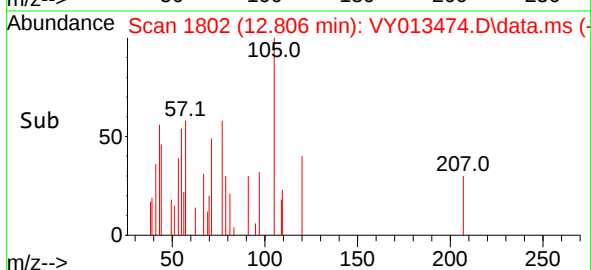
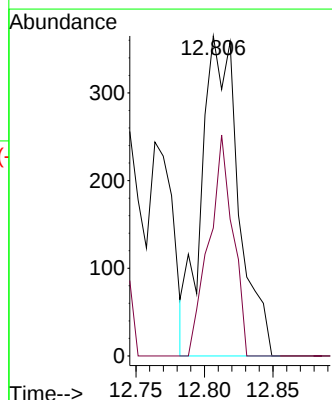
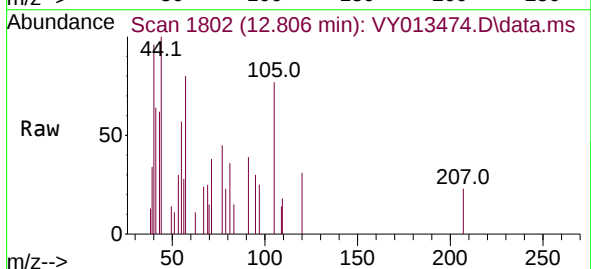
Acq: 26 Apr 2023 15:30

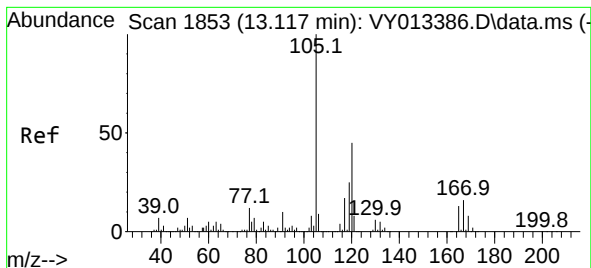
Tgt Ion:105 Resp: 686

Ion Ratio Lower Upper

105 100

120 44.5 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 4.806 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013474.D

Acq: 26 Apr 2023 15:30

Instrument :

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ClientSampleId :

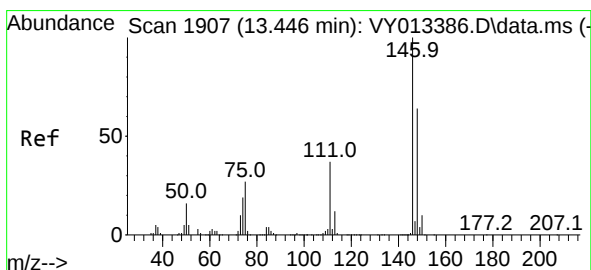
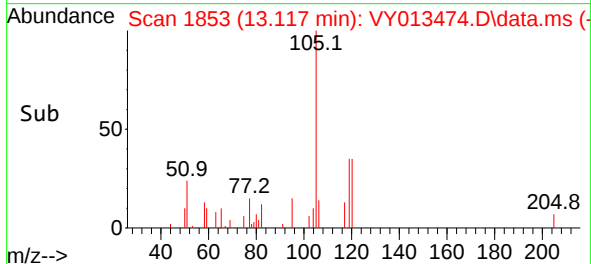
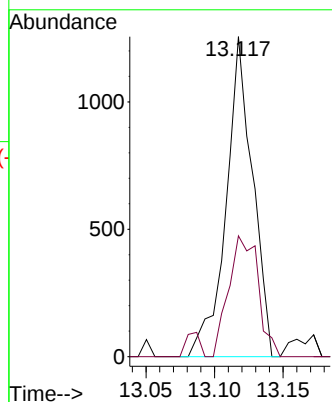
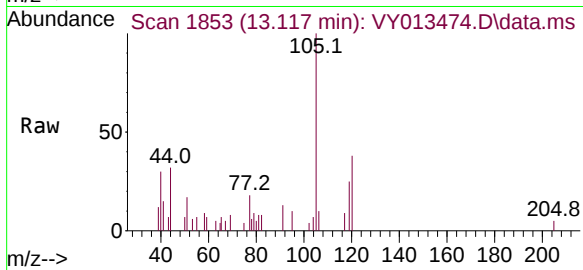
NORTH-ST-&-BAY-AVE-INTERSECTION

Tgt Ion:105 Resp: 1694

Ion Ratio Lower Upper

105 100

120 42.0 22.3 66.9



#88

1,4-Dichlorobenzene

Concen: 3.230 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY013474.D

Acq: 26 Apr 2023 15:30

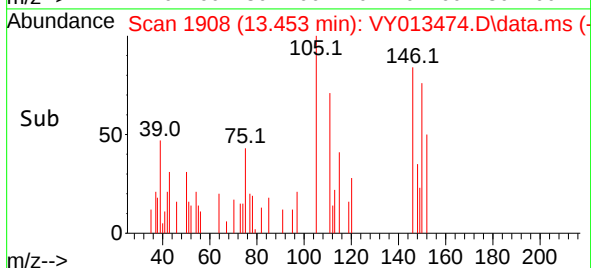
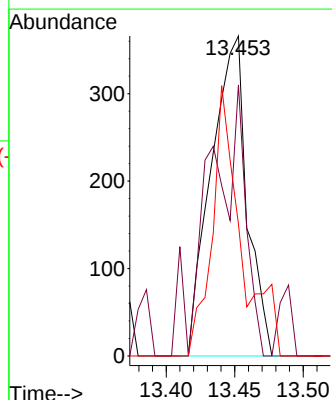
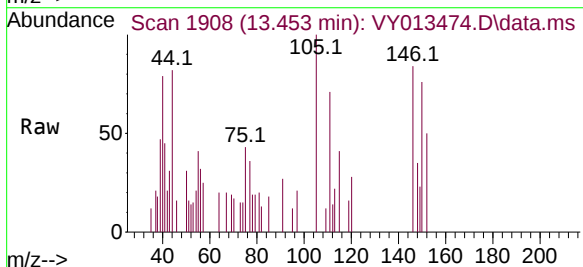
Tgt Ion:146 Resp: 669

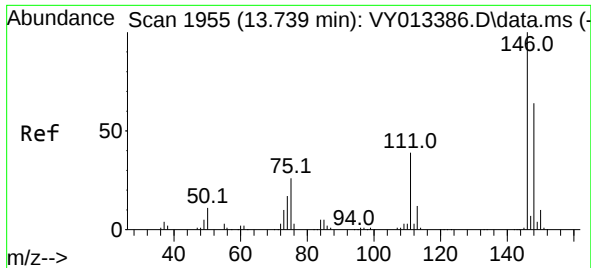
Ion Ratio Lower Upper

146 100

111 56.7 18.9 56.5#

148 67.1 31.9 95.5





#91

1,2-Dichlorobenzene

Concen: 5.508 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013474.D

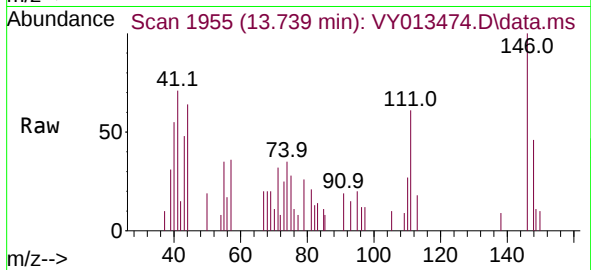
Acq: 26 Apr 2023 15:30

Instrument :

MSVOA_Y

ClientSampleId :

NORTH-ST-&-BAY-AVE-INTERSECTION



Tgt Ion:	146	Resp:	1020
Ion	Ratio	Lower	Upper
146	100		
111	61.6	19.8	59.4#
148	58.9	31.8	95.4

