

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013475.D
 Acq On : 26 Apr 2023 15:53
 Operator : KP/MD
 Sample : 02407-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACH-BLVD-TEST-PIT

Quant Time: Apr 27 01:34:22 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)

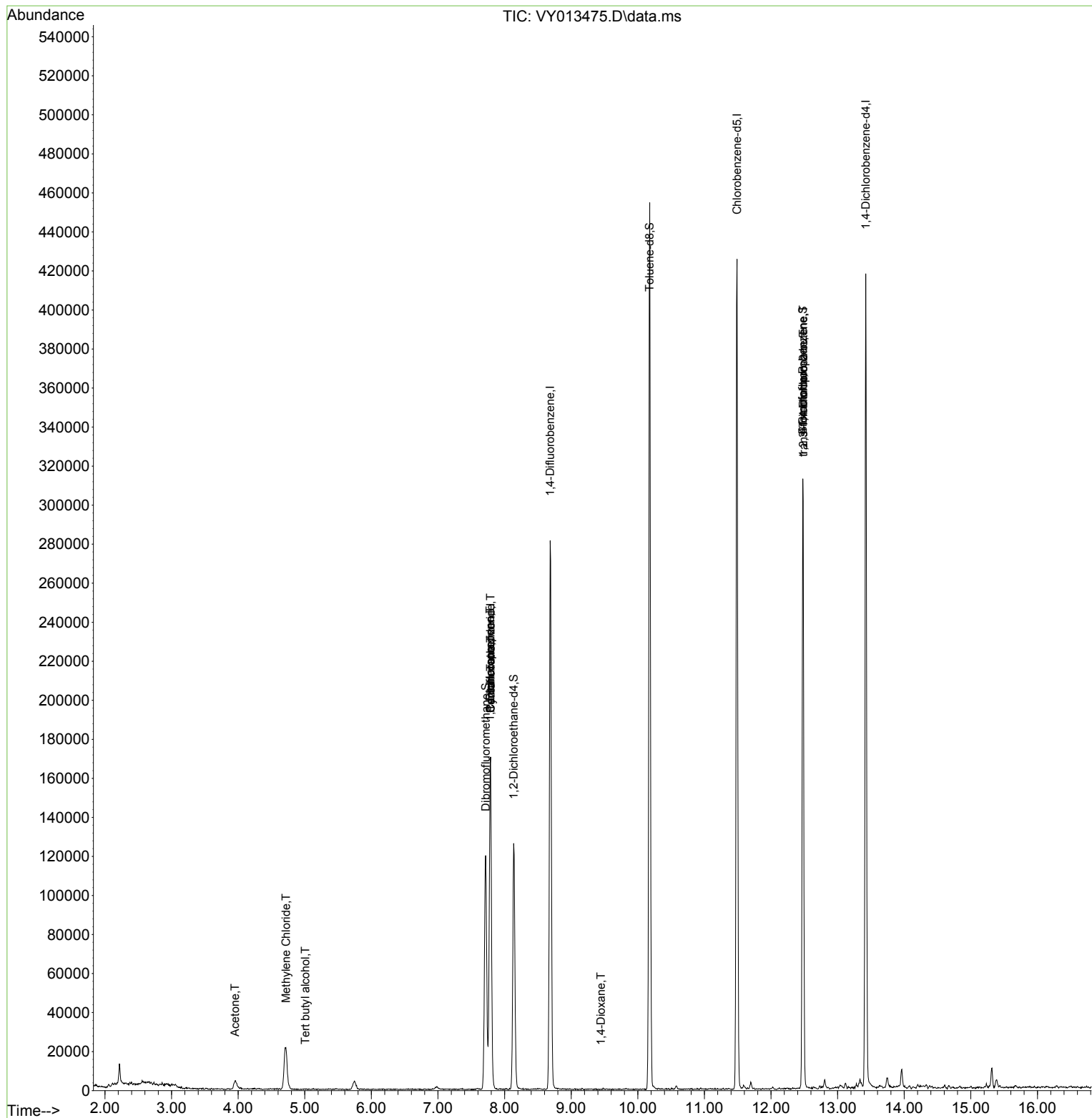
Internal Standards						
1) Pentafluorobenzene	7.789	168	122985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93899	69.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.300%
35) Dibromofluoromethane	7.716	113	82474	58.418	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.840%
50) Toluene-d8	10.179	98	278008	55.354	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.700%
62) 4-Bromofluorobenzene	12.477	95	93053	54.958	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.009	59	75	1.143	ug/l #	89
13) Acrolein	3.741	56	62	Below Cal	#	16
16) Acetone	3.954	43	9057	17.059	ug/l #	85
20) Methylene Chloride	4.716	84	15296	1.320	ug/l #	88
31) Cyclohexane	7.789	56	3468	1.437	ug/l #	30
36) 1,1-Dichloropropene	7.783	75	11066	4.723	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12504	5.092	ug/l #	15
49) 1,4-Dioxane	9.447	88	19	1.288	ug/l #	1
71) Bromoform	12.477	173	1272	1.033	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	49935	38.066	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49935	77.867	ug/l #	13

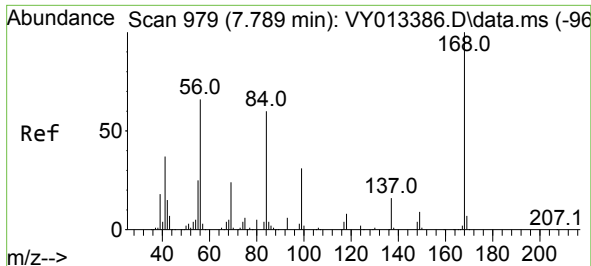
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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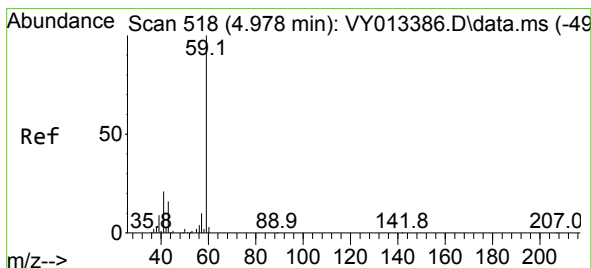
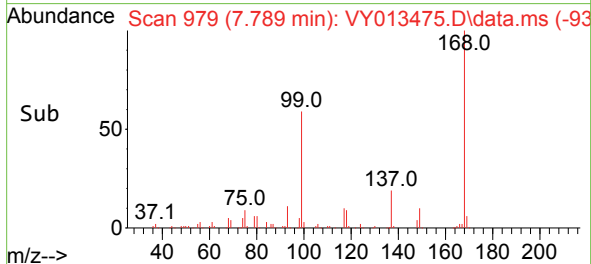
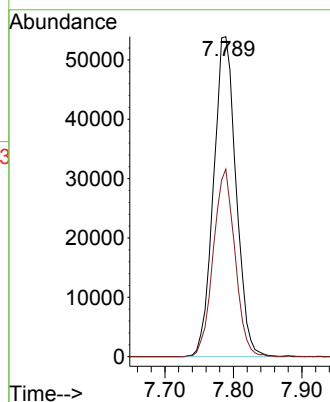
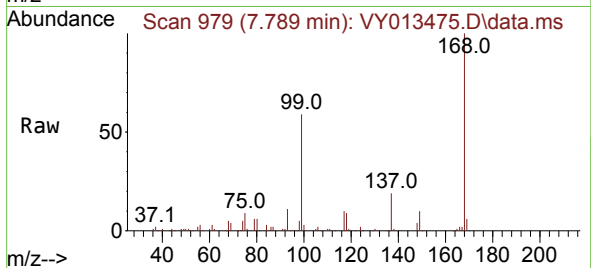




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013475.D
Acq: 26 Apr 2023 15:53

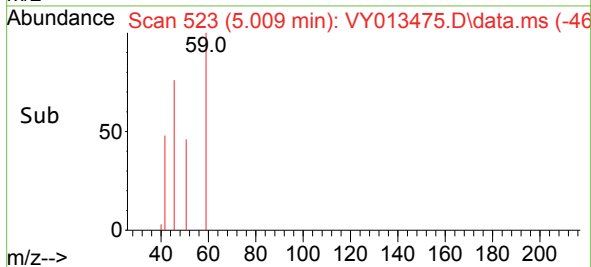
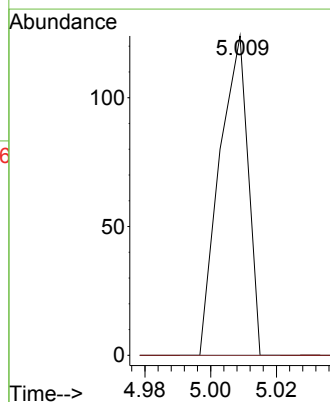
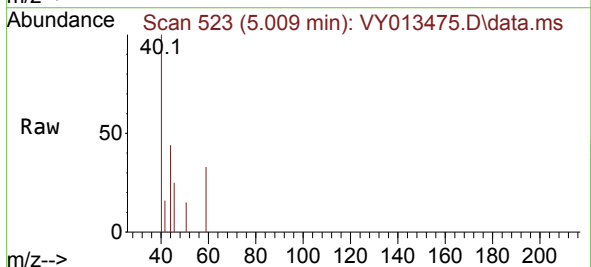
Instrument :
MSVOA_Y
ClientSampleId :
BEACH-BLVD-TEST-PIT

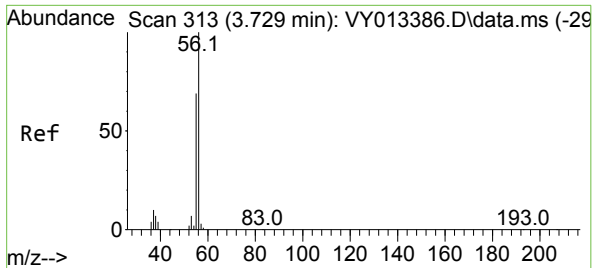
Tgt Ion:168 Resp: 122985
Ion Ratio Lower Upper
168 100
99 58.6 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.143 ug/l
RT: 5.009 min Scan# 523
Delta R.T. 0.031 min
Lab File: VY013475.D
Acq: 26 Apr 2023 15:53

Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

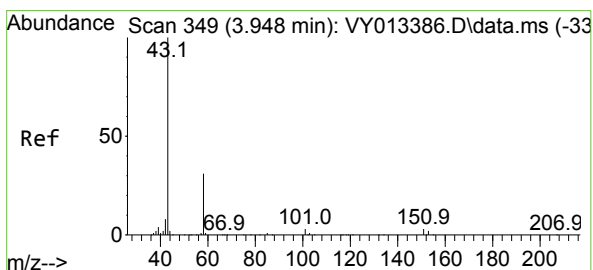
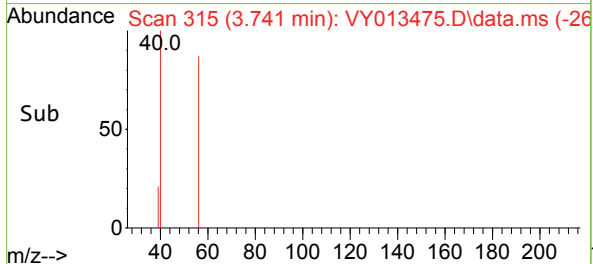
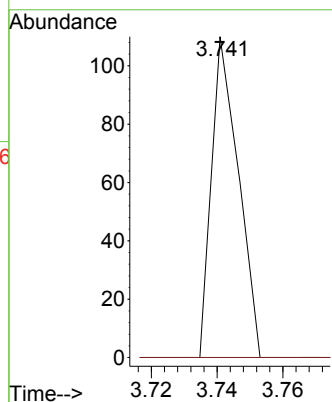
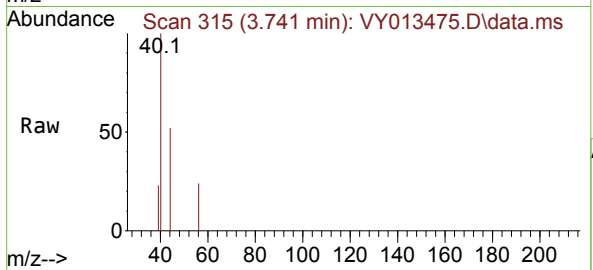




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY013475.D
Acq: 26 Apr 2023 15:53

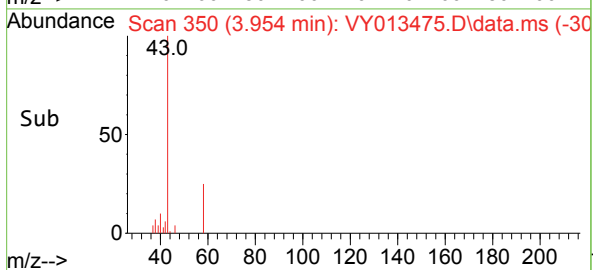
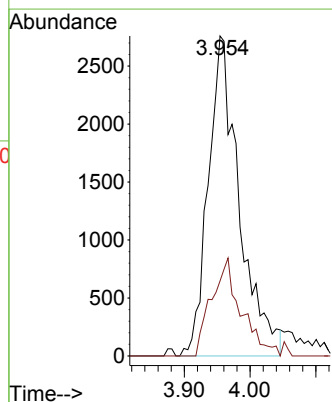
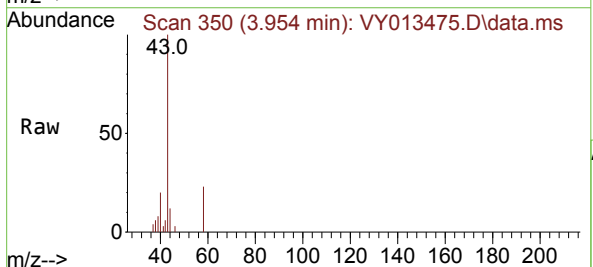
Instrument :
MSVOA_Y
ClientSampleId :
BEACH-BLVD-TEST-PIT

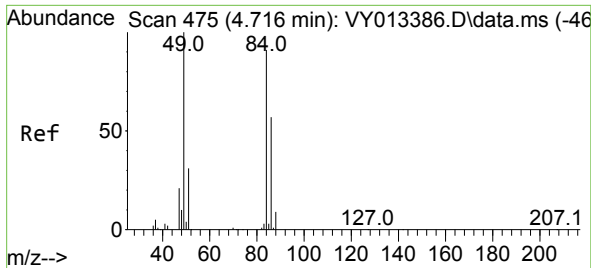
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 17.059 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013475.D
Acq: 26 Apr 2023 15:53

Tgt Ion: 43 Resp: 9057
Ion Ratio Lower Upper
43 100
58 23.4 25.4 38.0#

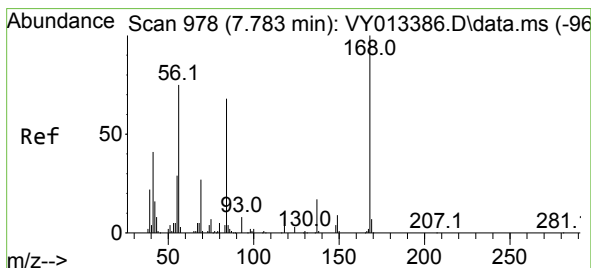
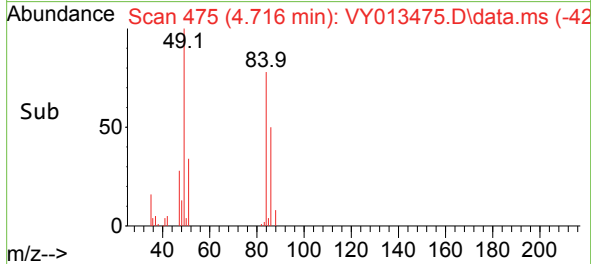
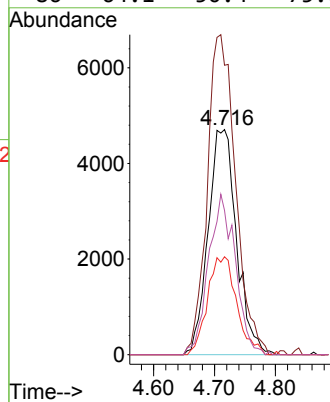
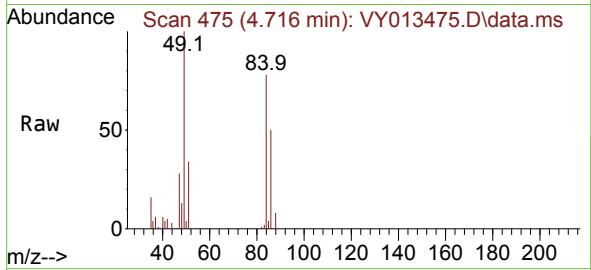




#20
Methylene Chloride
Concen: 1.320 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013475.D
Acq: 26 Apr 2023 15:53

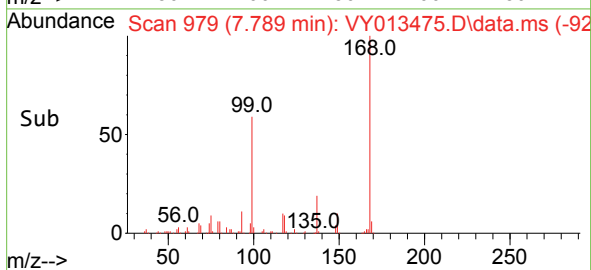
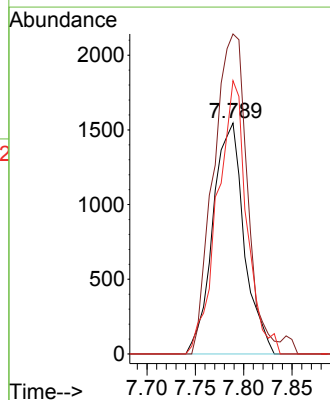
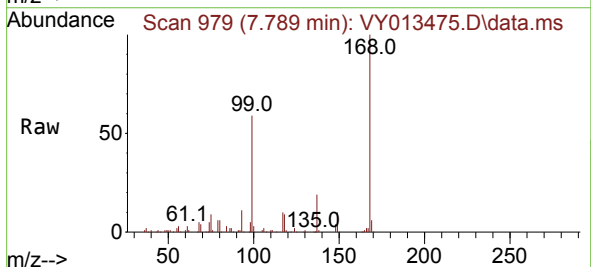
Instrument :
MSVOA_Y
ClientSampleId :
BEACH-BLVD-TEST-PIT

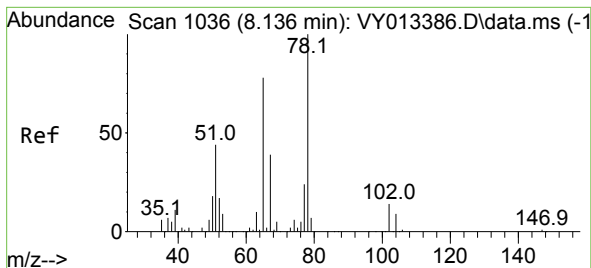
Tgt Ion:	84	Resp:	15296
Ion	Ratio	Lower	Upper
84	100		
49	128.6	88.0	132.0
51	43.5	27.4	41.0#
86	64.1	50.4	75.6



#31
Cyclohexane
Concen: 1.437 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013475.D
Acq: 26 Apr 2023 15:53

Tgt Ion:	56	Resp:	3468
Ion	Ratio	Lower	Upper
56	100		
69	138.6	29.2	43.8#
84	118.3	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 69.648 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013475.D

Acq: 26 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

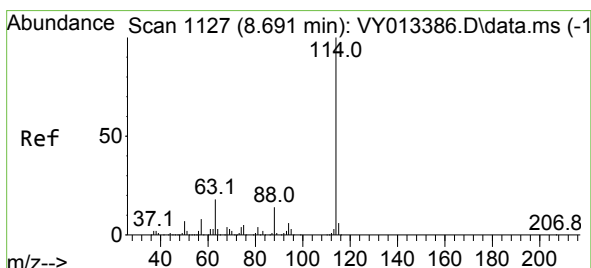
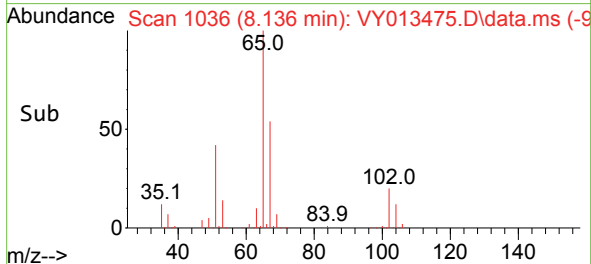
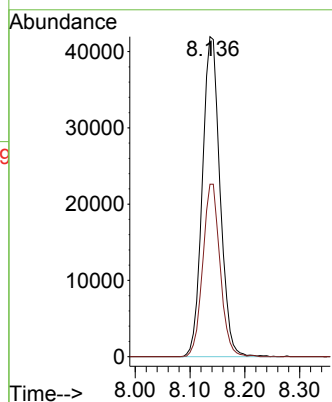
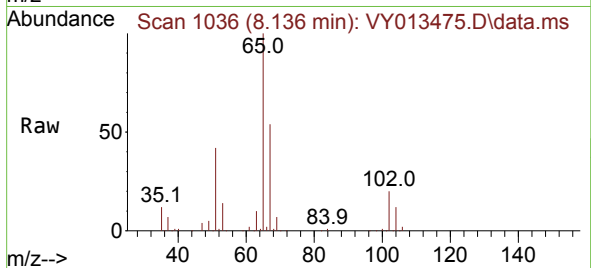
BEACH-BLVD-TEST-PIT

Tgt Ion: 65 Resp: 93899

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013475.D

Acq: 26 Apr 2023 15:53

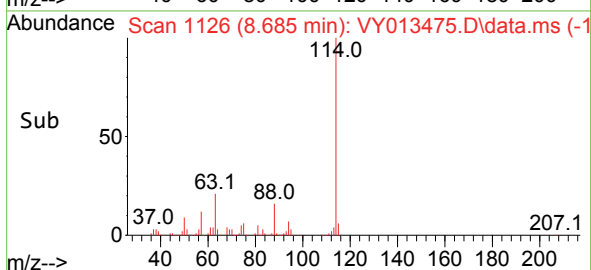
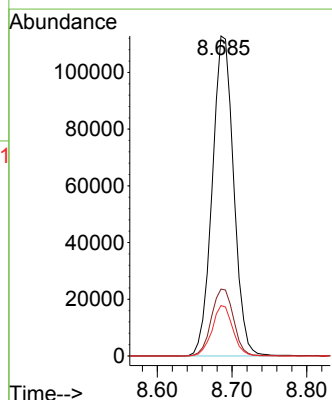
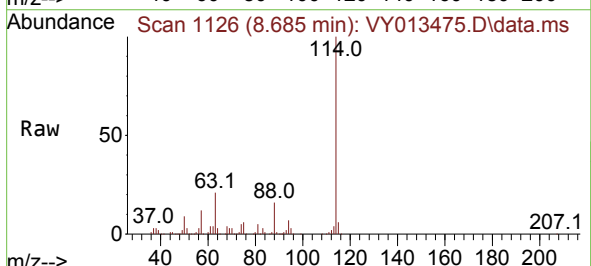
Tgt Ion: 114 Resp: 224467

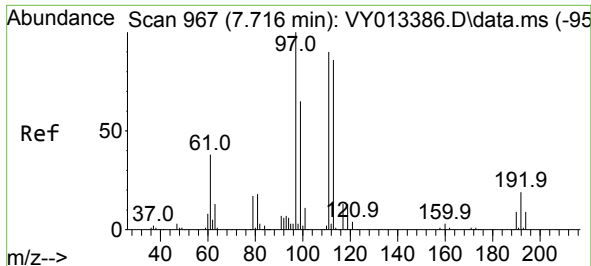
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.6

88 15.7 0.0 28.8

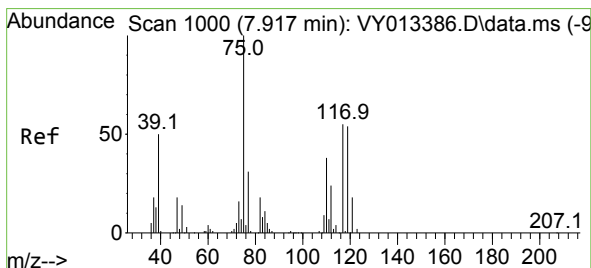
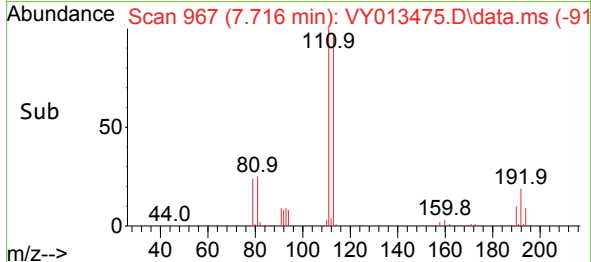
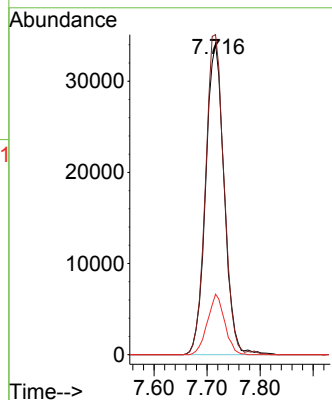
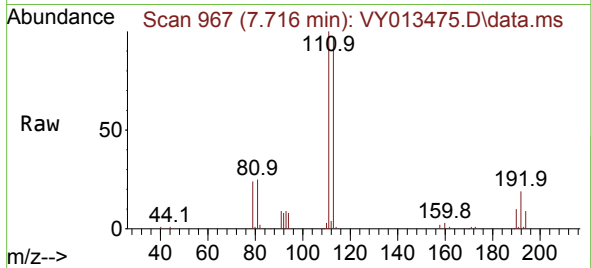




#35
Dibromofluoromethane
Concen: 58.418 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013475.D
Acq: 26 Apr 2023 15:53

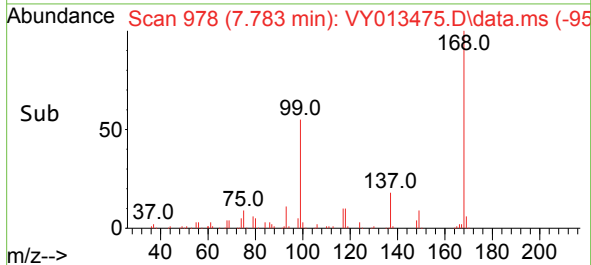
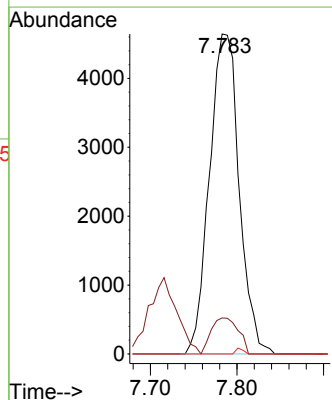
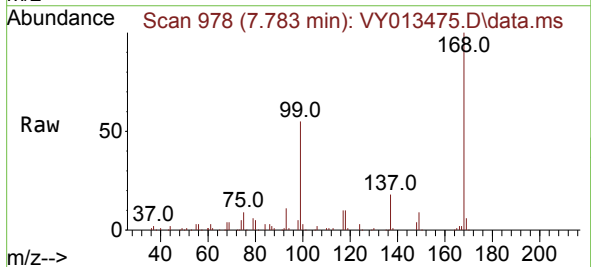
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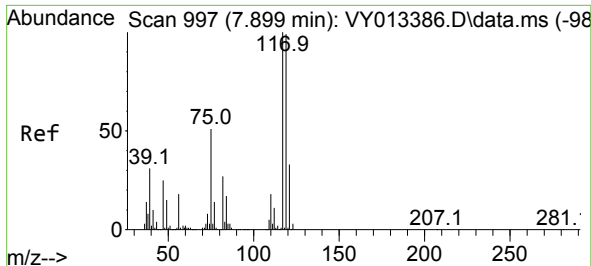
Tgt Ion:113 Resp: 82474
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013475.D
Acq: 26 Apr 2023 15:53

Tgt Ion: 75 Resp: 11066
Ion Ratio Lower Upper
75 100
110 10.3 18.7 56.1#
77 0.5 24.6 37.0#

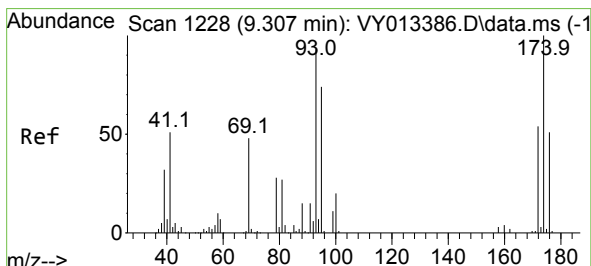
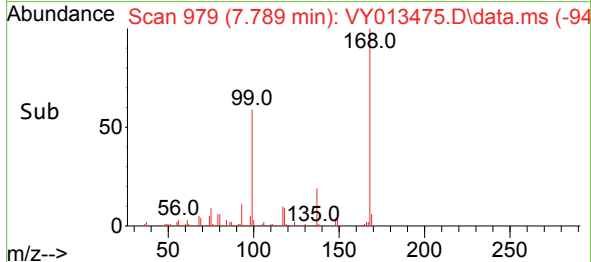
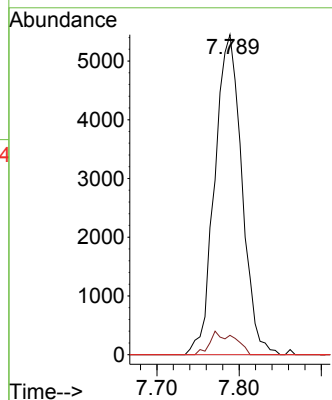
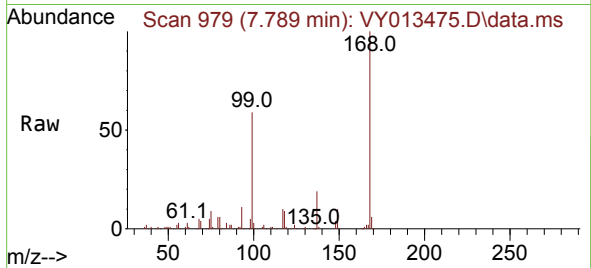




#38
Carbon Tetrachloride
Concen: 5.092 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013475.D
Acq: 26 Apr 2023 15:53

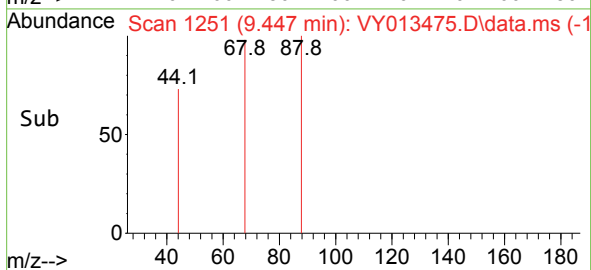
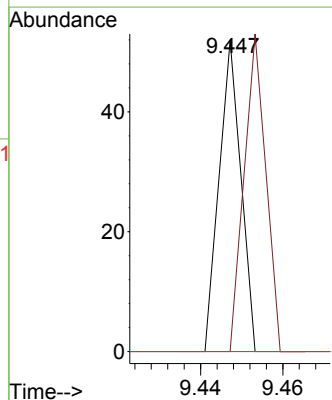
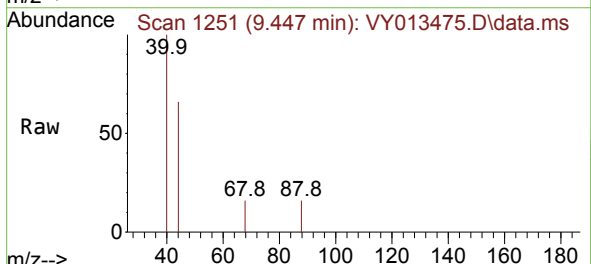
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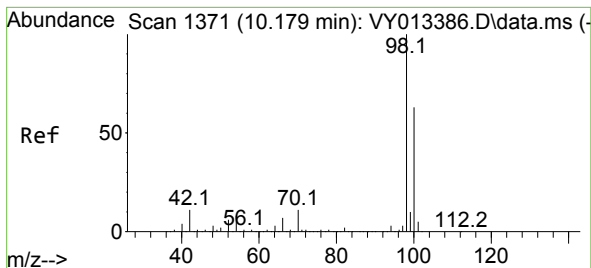
Tgt Ion:117 Resp: 12504
Ion Ratio Lower Upper
117 100
119 6.1 79.0 118.6#
121 0.0 26.6 40.0#



#49
1,4-Dioxane
Concen: 1.288 ug/l
RT: 9.447 min Scan# 1251
Delta R.T. 0.140 min
Lab File: VY013475.D
Acq: 26 Apr 2023 15:53

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 100.0 16.8 25.2#
58 0.0 54.3 81.5#





#50

Toluene-d8

Concen: 55.354 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013475.D

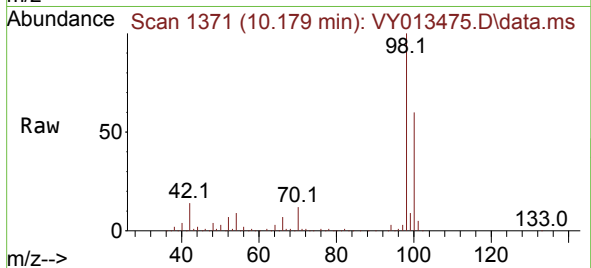
Acq: 26 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

BEACH-BLVD-TEST-PIT

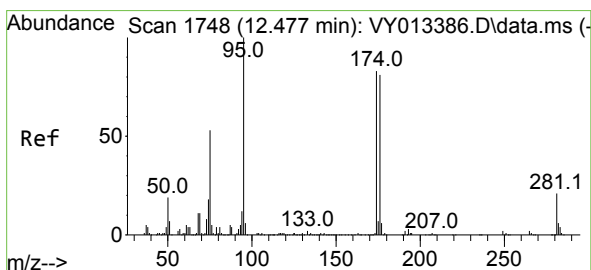
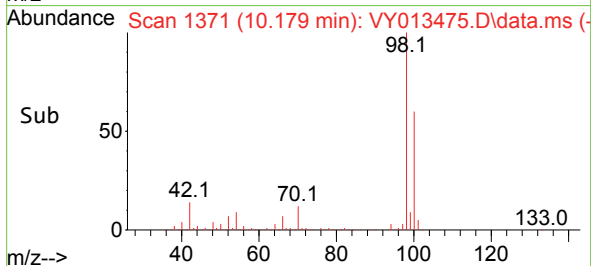
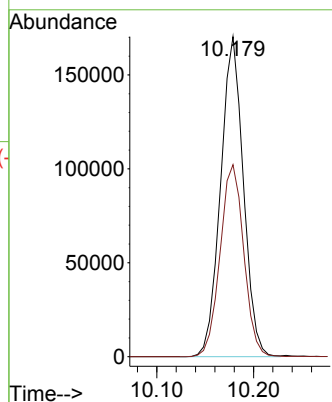


Tgt Ion: 98 Resp: 278008

Ion Ratio Lower Upper

98 100

100 62.2 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 54.958 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013475.D

Acq: 26 Apr 2023 15:53

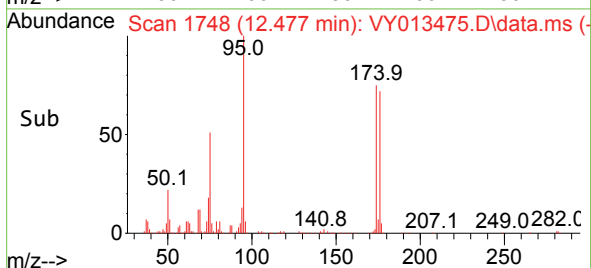
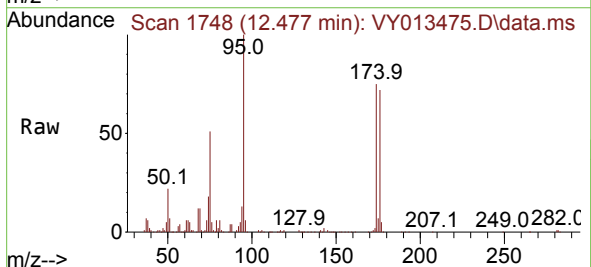
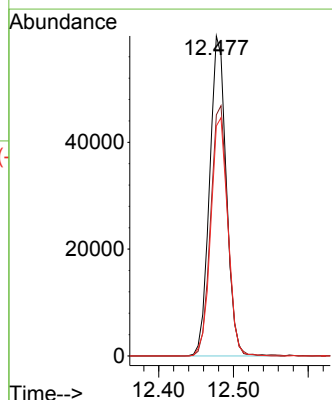
Tgt Ion: 95 Resp: 93053

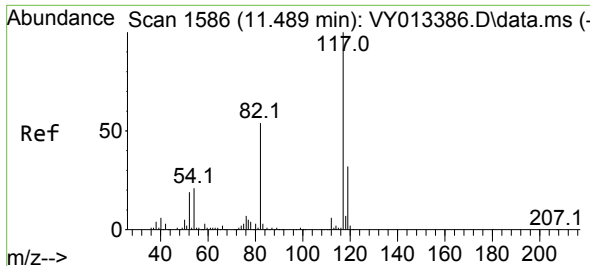
Ion Ratio Lower Upper

95 100

174 79.7 0.0 182.0

176 76.0 0.0 175.4

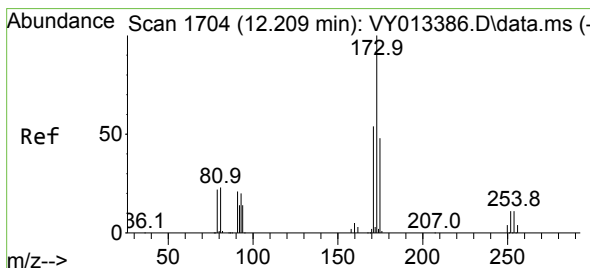
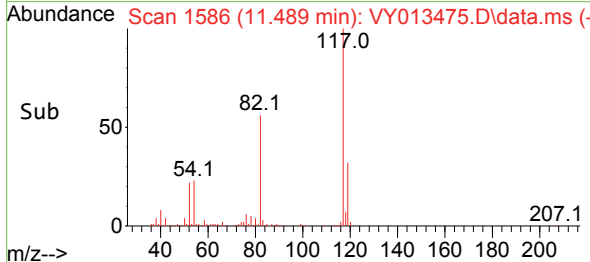
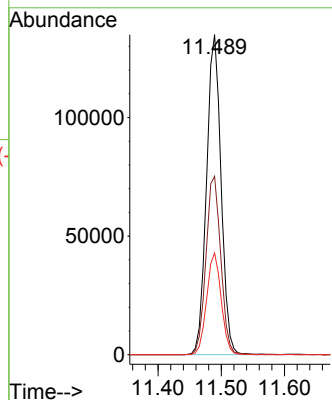
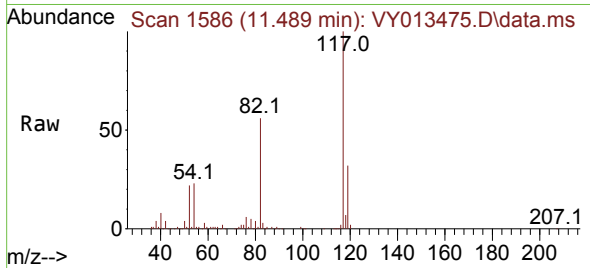




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013475.D
Acq: 26 Apr 2023 15:53

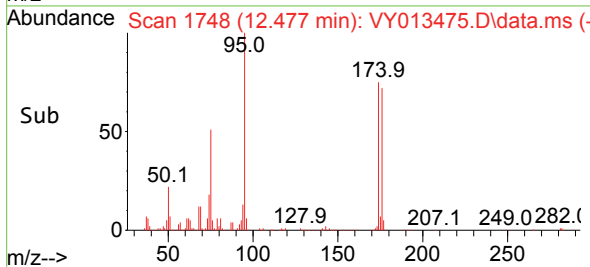
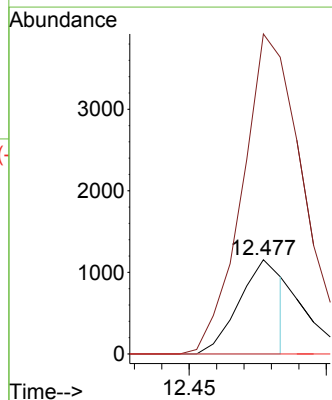
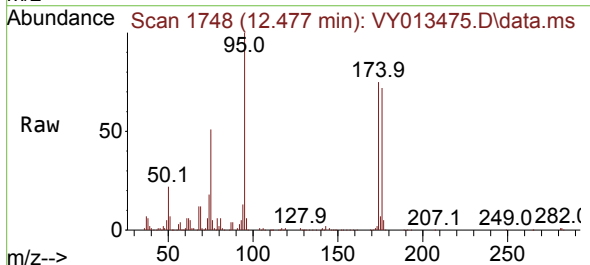
Instrument :
MSVOA_Y
ClientSampleId :
BEACH-BLVD-TEST-PIT

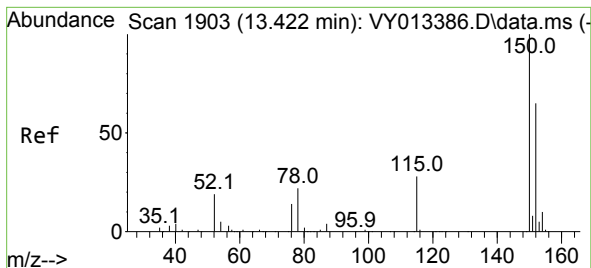
Tgt Ion:117 Resp: 215707
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.6
119 31.8 25.5 38.3



#71
Bromoform
Concen: 1.033 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.268 min
Lab File: VY013475.D
Acq: 26 Apr 2023 15:53

Tgt Ion:173 Resp: 1272
Ion Ratio Lower Upper
173 100
175 332.9 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013475.D

Acq: 26 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

BEACH-BLVD-TEST-PIT

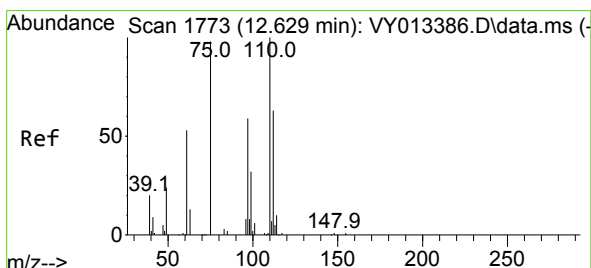
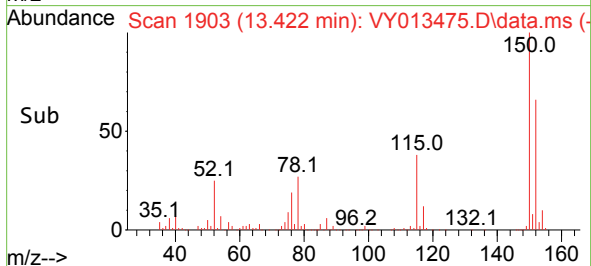
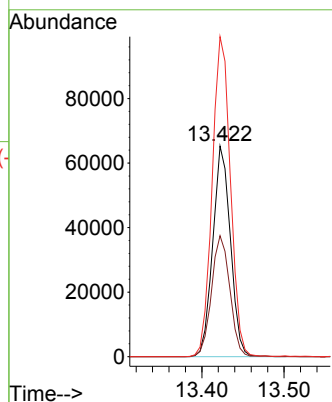
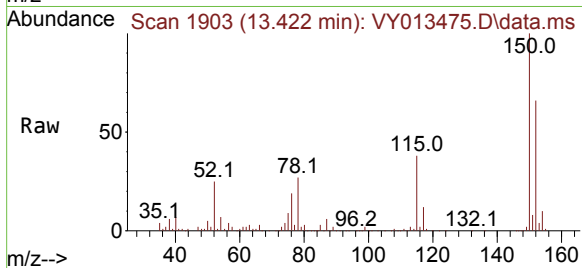
Tgt Ion:152 Resp: 97269

Ion Ratio Lower Upper

152 100

115 59.7 28.1 84.2

150 157.0 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 38.066 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY013475.D

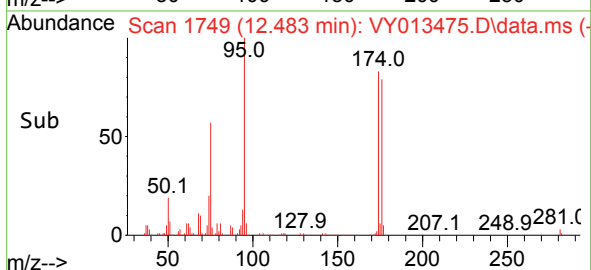
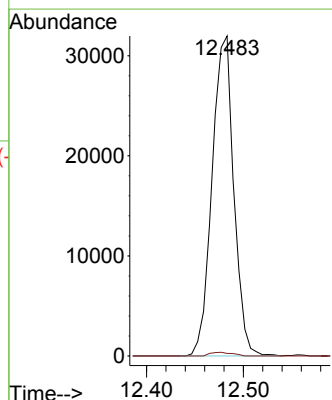
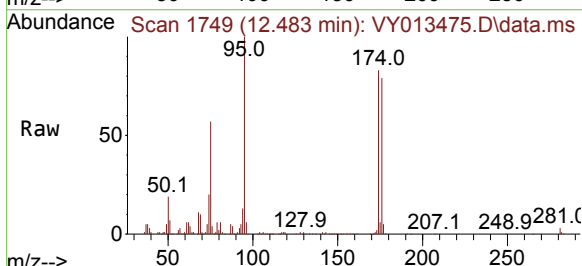
Acq: 26 Apr 2023 15:53

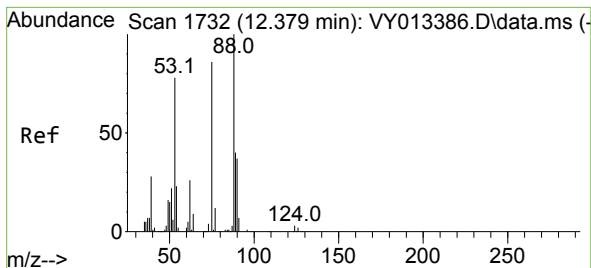
Tgt Ion: 75 Resp: 49935

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 77.867 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY013475.D

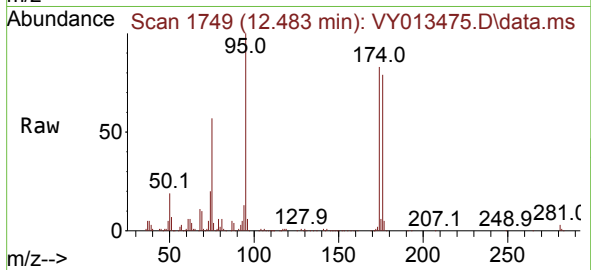
Acq: 26 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

BEACH-BLVD-TEST-PIT



Tgt Ion: 75 Resp: 49935

Ion Ratio Lower Upper

75 100

53 0.5 73.2 109.8#

89 0.1 38.0 57.0#

