

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013528.D
 Acq On : 28 Apr 2023 16:32
 Operator : KP/MD
 Sample : 02386-06RE
 Misc : 3.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPA-2WC-23-04

Quant Time: Apr 28 23:14:29 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	212355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	362392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	317853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	139166	59.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.560%	
35) Dibromofluoromethane	7.716	113	116559	51.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.280%	
50) Toluene-d8	10.179	98	452443	55.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	12.483	95	148142	54.195	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.380%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.960	59	271	1.681	ug/l #	89
13) Acrolein	3.735	56	67	Below Cal	#	16
16) Acetone	3.954	43	1675	1.827	ug/l #	71
20) Methylene Chloride	4.710	84	14774	Below Cal		94
31) Cyclohexane	7.777	56	15800	3.791	ug/l #	69
36) 1,1-Dichloropropene	7.789	75	16536	4.371	ug/l #	51
38) Carbon Tetrachloride	7.789	117	20434	5.154	ug/l #	15
39) Methylcyclohexane	9.185	83	78055	17.503	ug/l	95
40) Benzene	8.161	78	14301	1.342	ug/l	96
43) Isopropyl Acetate	8.265	43	5240	1.091	ug/l #	53
48) Methyl methacrylate	9.246	41	9360	4.242	ug/l #	40
51) 4-Methyl-2-Pentanone	10.112	43	4713	1.760	ug/l #	78
55) 1,1,2-Trichloroethane	10.618	97	44409	20.116	ug/l #	22
56) Ethyl methacrylate	10.520	69	17511	5.717	ug/l #	1
59) 2-Hexanone	10.801	43	67653	34.759	ug/l #	30
65) Chlorobenzene	11.514	112	116727	16.858	ug/l	99
67) Ethyl Benzene	11.593	91	309413	25.448	ug/l	99
68) m/p-Xylenes	11.709	106	92272	19.963	ug/l	92
69) o-Xylene	12.032	106	103391	23.652	ug/l	90
73) Isopropylbenzene	12.331	105	72116	8.072	ug/l	96
74) N-amyl acetate	12.124	43	236082	74.252	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.563	83	23497	10.759	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	69276	43.486	ug/l #	100
78) n-propylbenzene	12.672	91	109851	9.982	ug/l	98
79) 2-Chlorotoluene	12.758	91	40521	6.594	ug/l	75
80) 1,3,5-Trimethylbenzene	12.813	105	11413	1.565	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.483	75	69276	88.953	ug/l #	29
82) 4-Chlorotoluene	12.758	91	40521	6.326	ug/l	75
83) tert-Butylbenzene	13.075	119	70525	11.163	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	356748	50.317	ug/l	100
85) sec-Butylbenzene	13.252	105	76660	8.085	ug/l #	29
86) p-Isopropyltoluene	13.373	119	40874	5.360	ug/l	90
87) 1,3-Dichlorobenzene	13.367	146	352364	85.432	ug/l	92
88) 1,4-Dichlorobenzene	13.447	146	701409	168.350	ug/l	96
89) n-Butylbenzene	13.697	91	65130	8.751	ug/l #	67
90) Hexachloroethane	13.971	117	21029	13.104	ug/l #	8

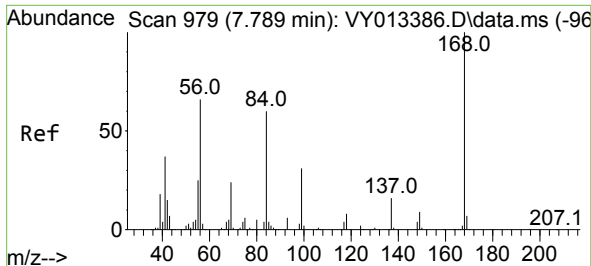
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
Data File : VY013528.D
Acq On : 28 Apr 2023 16:32
Operator : KP/MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.739	146	379957	102.015	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.337	75	1789	4.638	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.007	180	87012	39.184	ug/l #	86
94) Hexachlorobutadiene	15.111	225	4612	3.569	ug/l	98
95) Naphthalene	15.233	128	15649	3.248	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.428	180	25760	13.015	ug/l #	74

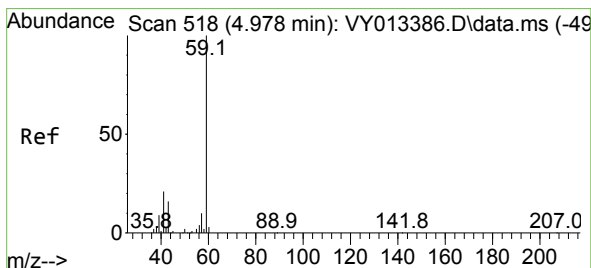
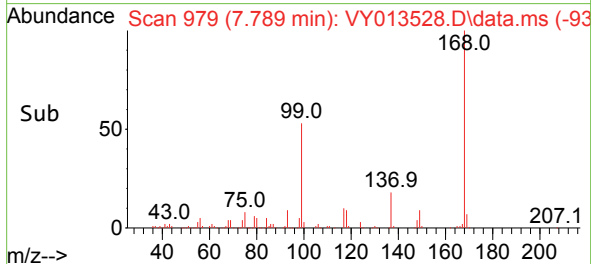
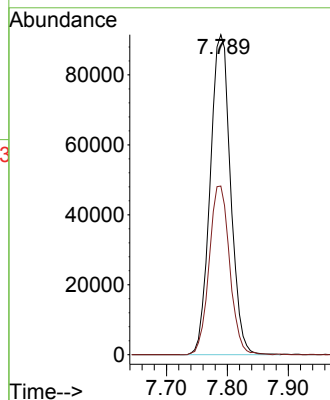
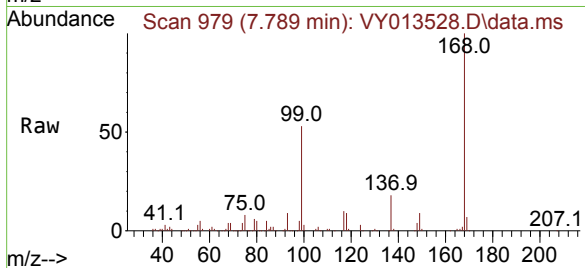
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

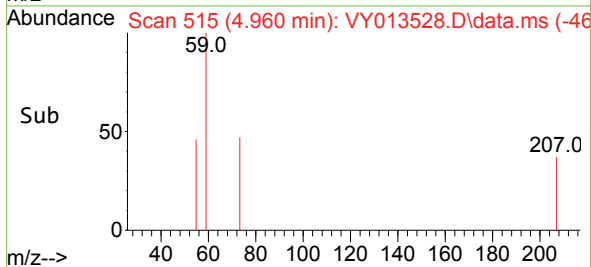
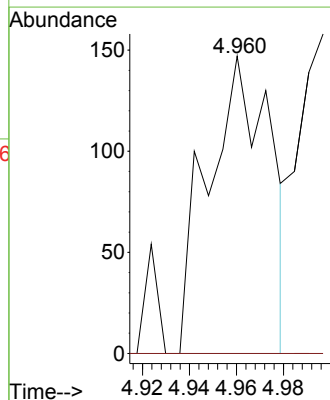
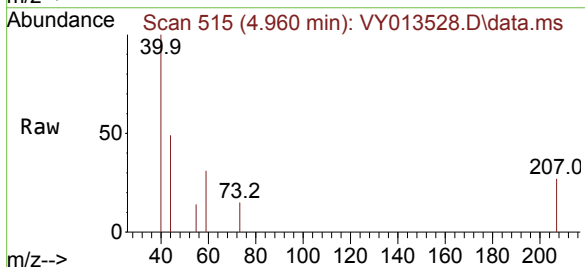
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

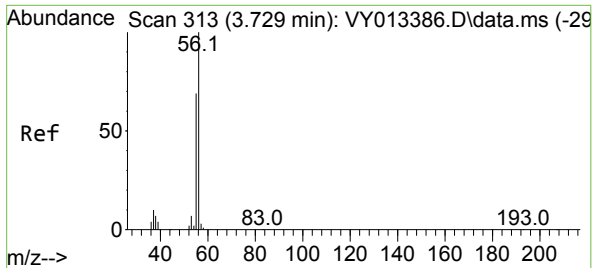
Tgt Ion:168 Resp: 212355
Ion Ratio Lower Upper
168 100
99 52.7 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.681 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 59 Resp: 271
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

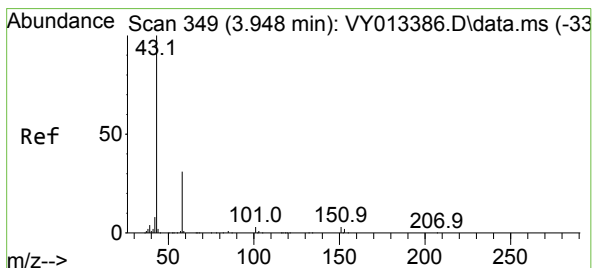
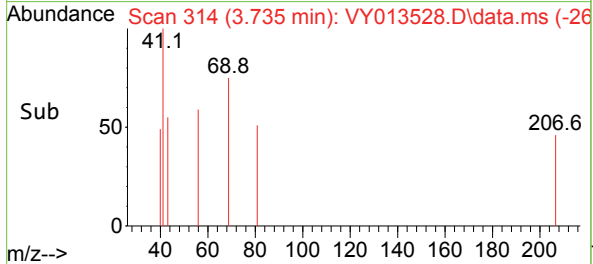
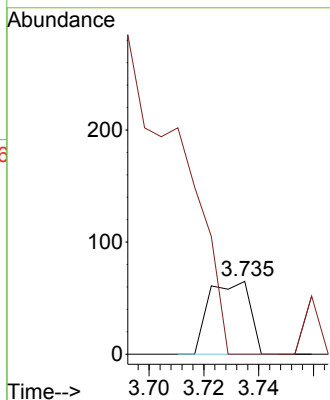
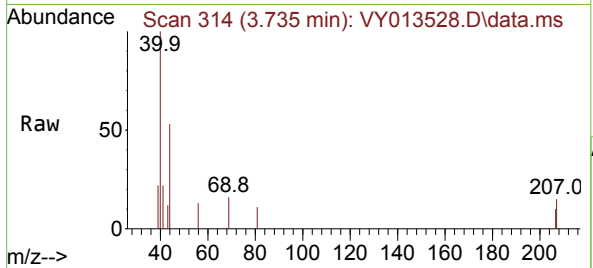




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

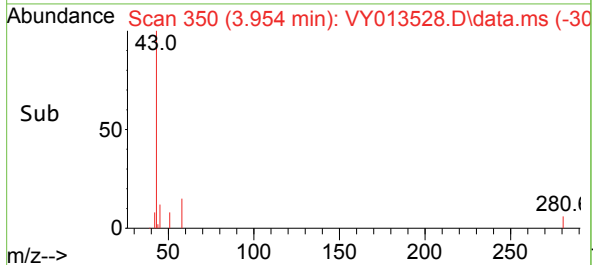
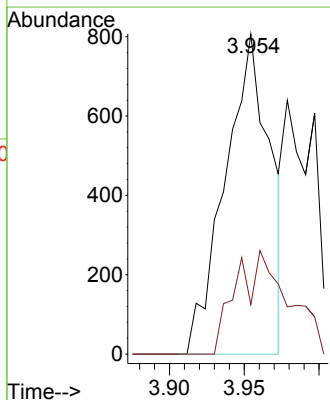
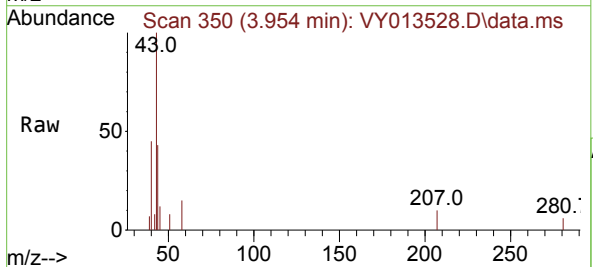
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

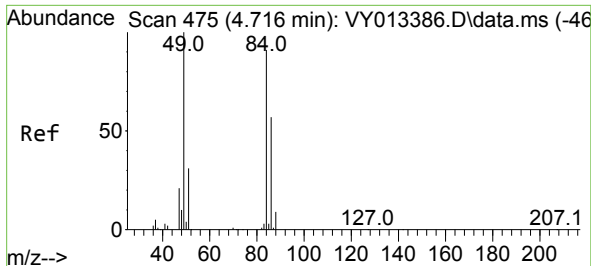
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 1.827 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

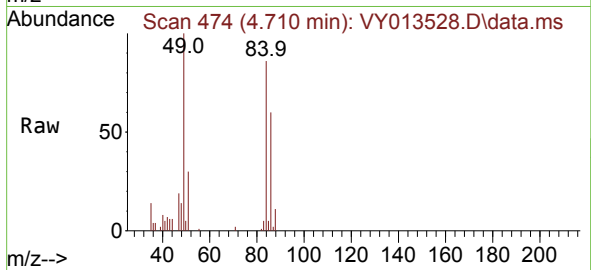
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
58 15.5 25.4 38.0#





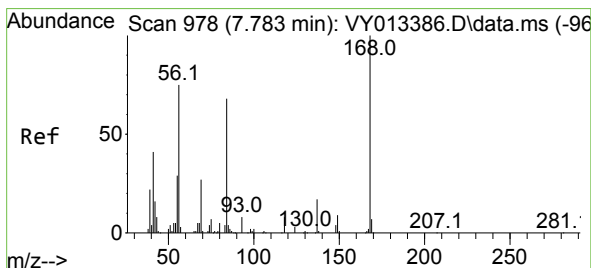
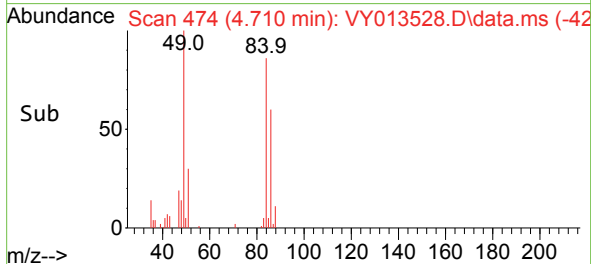
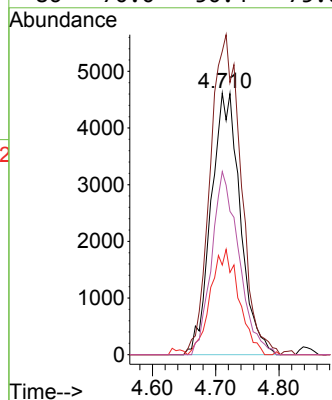
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04



Tgt Ion: 84 Resp: 14774

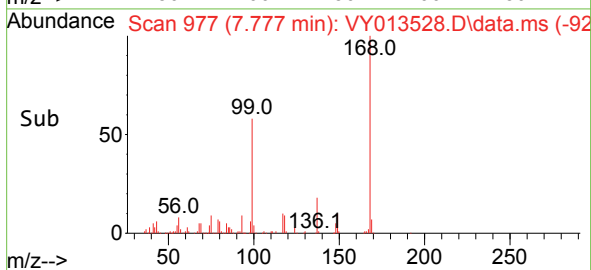
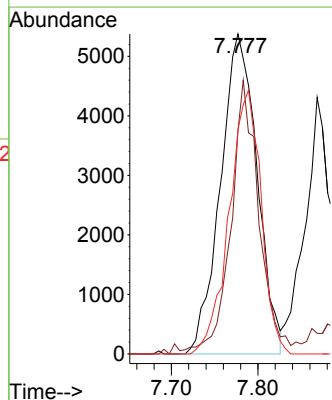
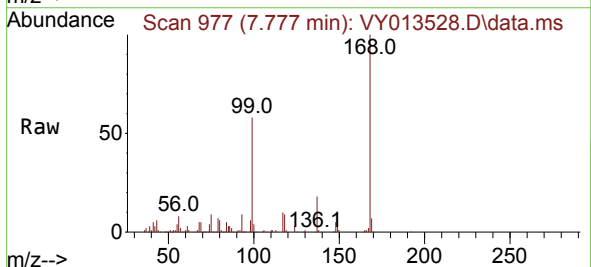
Ion	Ratio	Lower	Upper
84	100		
49	116.0	88.0	132.0
51	34.3	27.4	41.0
86	70.0	50.4	75.6

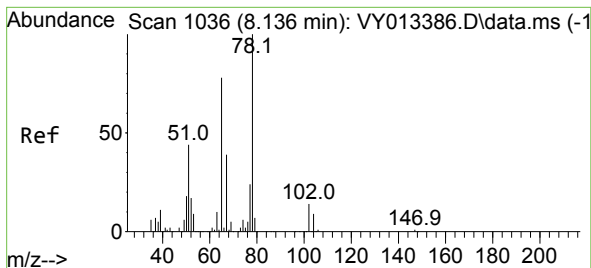


#31
Cyclohexane
Concen: 3.791 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 56 Resp: 15800

Ion	Ratio	Lower	Upper
56	100		
69	68.6	29.2	43.8#
84	70.2	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 59.782 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY013528.D

Acq: 28 Apr 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

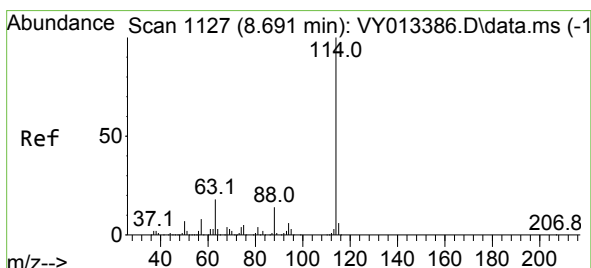
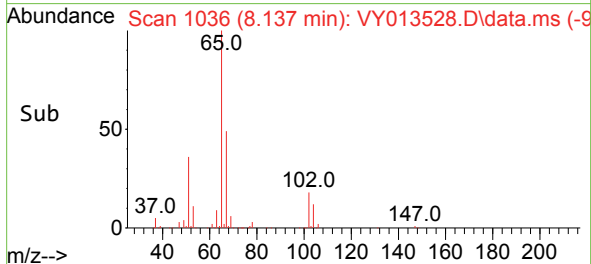
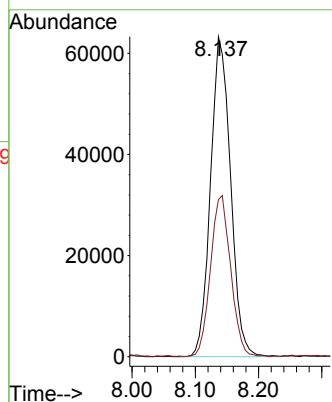
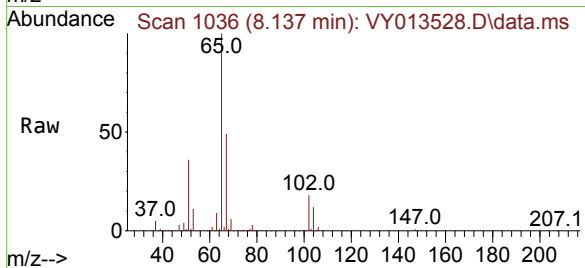
SPA-2WC-23-04

Tgt Ion: 65 Resp: 139166

Ion Ratio Lower Upper

65 100

67 50.8 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: VY013528.D

Acq: 28 Apr 2023 16:32

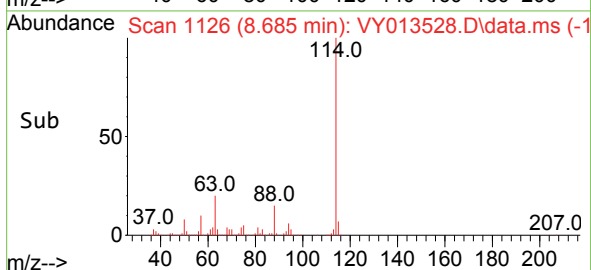
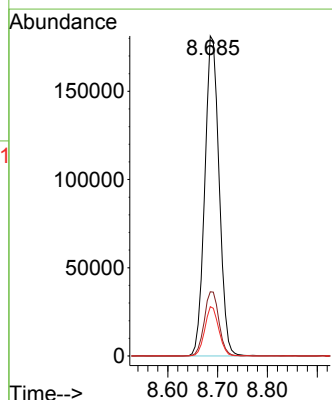
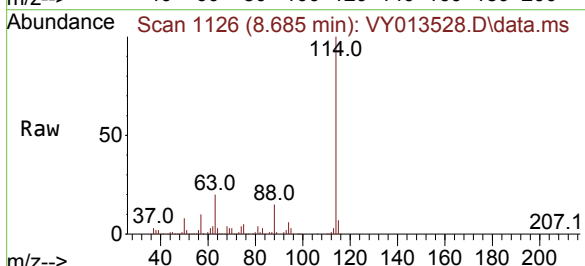
Tgt Ion: 114 Resp: 362392

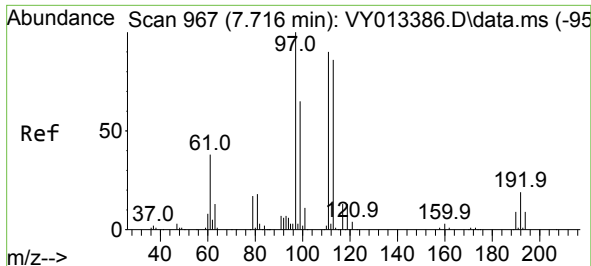
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.6

88 15.4 0.0 28.8

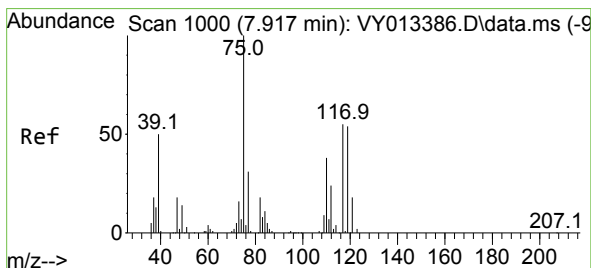
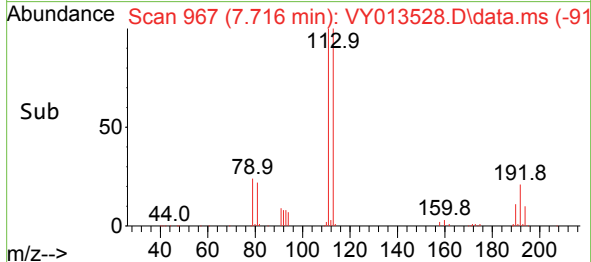
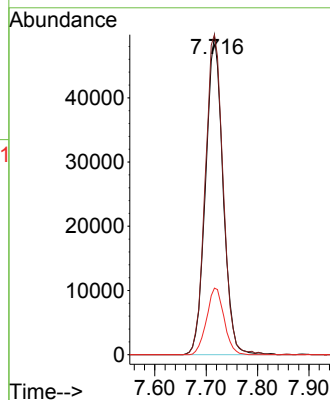
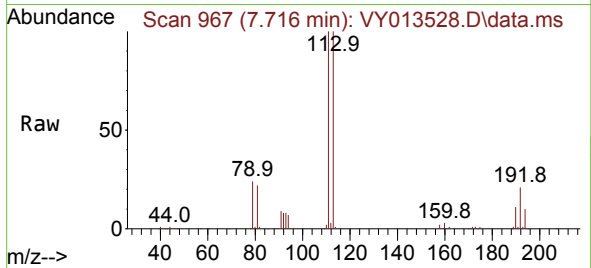




#35
Dibromofluoromethane
Concen: 51.139 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

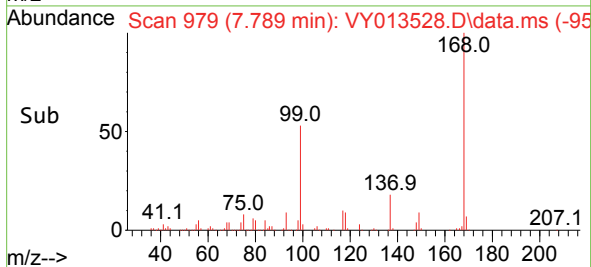
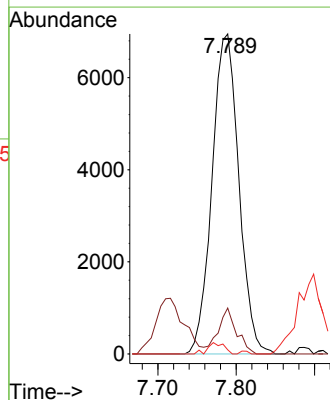
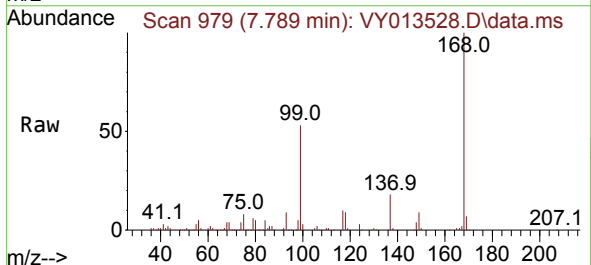
Instrument :
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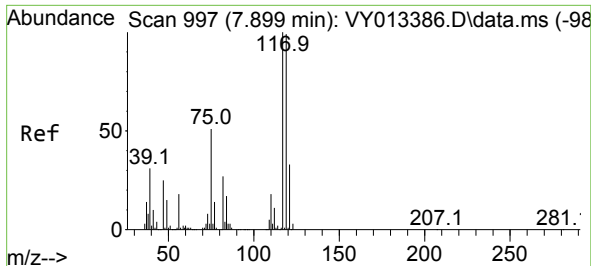
Tgt Ion:113 Resp: 116559
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 21.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.371 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 75 Resp: 16536
Ion Ratio Lower Upper
75 100
110 9.9 18.7 56.1#
77 2.1 24.6 37.0#

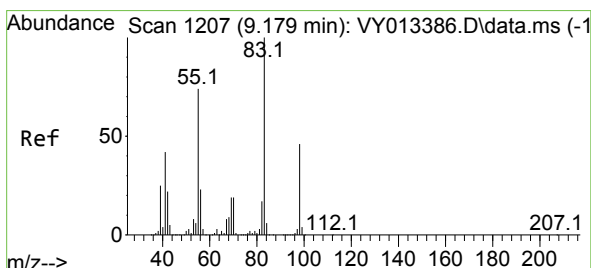
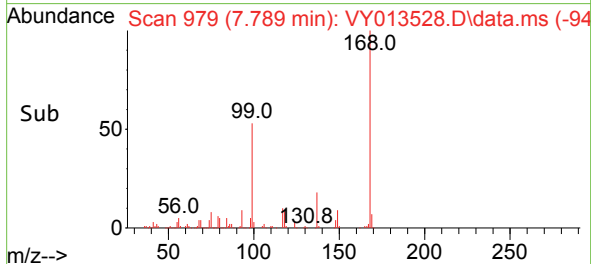
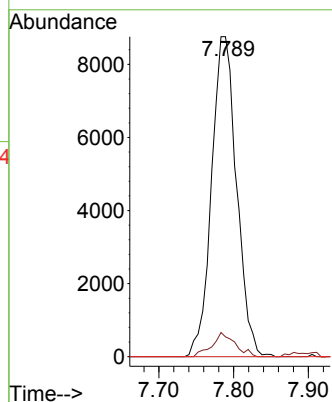
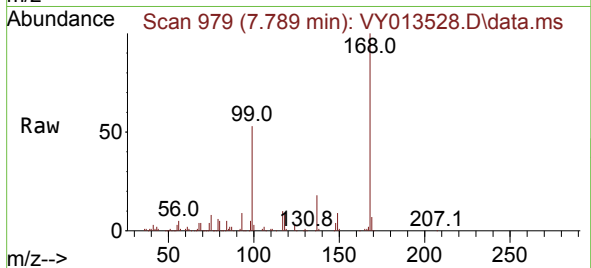




#38
Carbon Tetrachloride
Concen: 5.154 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

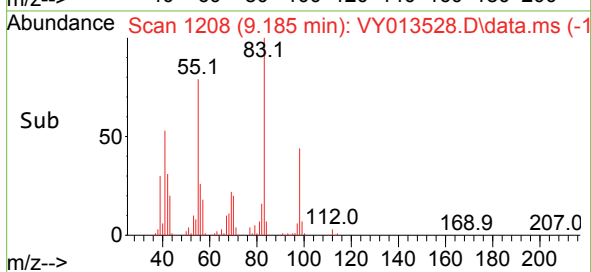
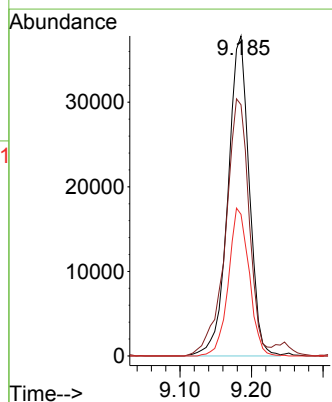
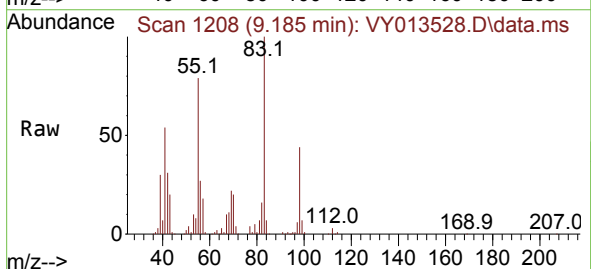
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

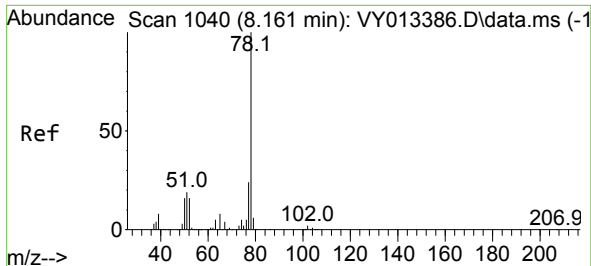
Tgt Ion:117 Resp: 20434
Ion Ratio Lower Upper
117 100
119 6.2 79.0 118.6#
121 0.0 26.6 40.0#



#39
Methylcyclohexane
Concen: 17.503 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.006 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 83 Resp: 78055
Ion Ratio Lower Upper
83 100
55 78.5 59.0 88.4
98 44.3 37.0 55.4

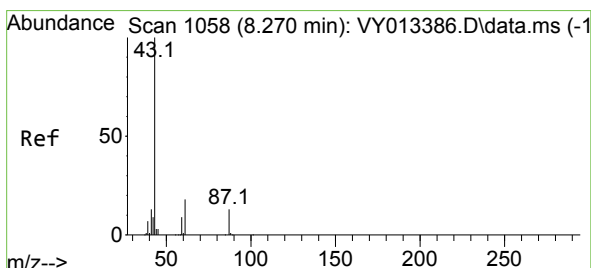
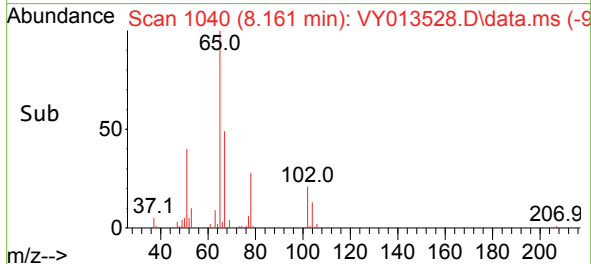
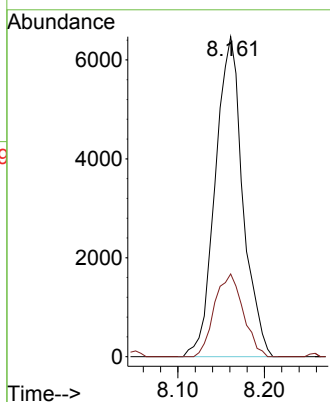
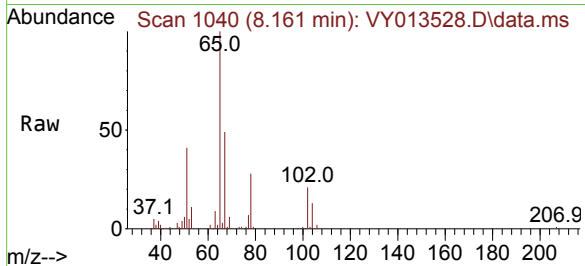




#40
Benzene
Concen: 1.342 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

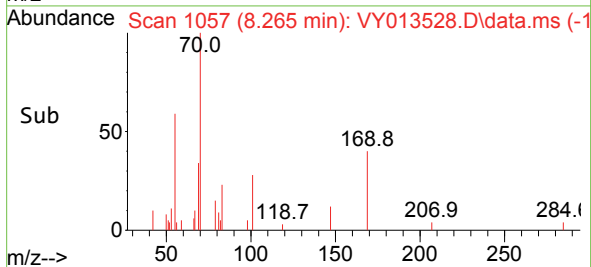
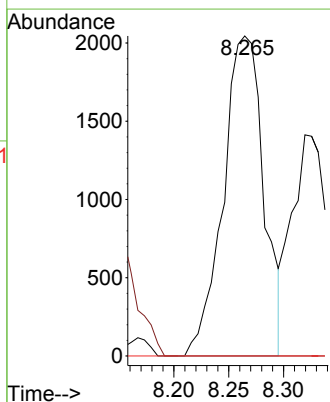
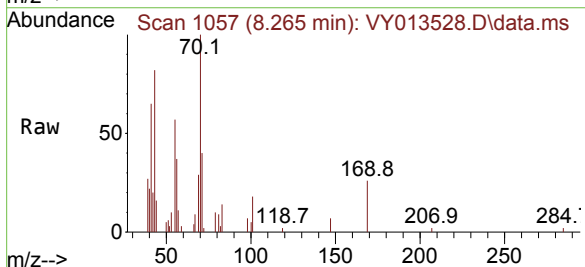
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

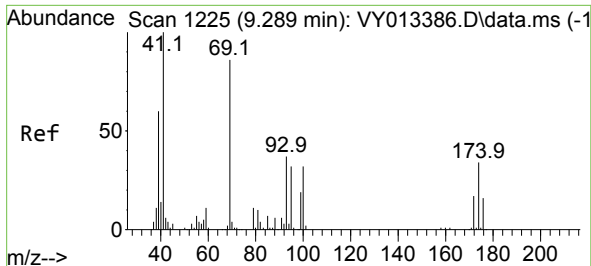
Tgt Ion: 78 Resp: 14301
Ion Ratio Lower Upper
78 100
77 25.9 19.2 28.8



#43
Isopropyl Acetate
Concen: 1.091 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 43 Resp: 5240
Ion Ratio Lower Upper
43 100
61 0.0 22.2 33.4#
87 0.0 11.0 16.6#

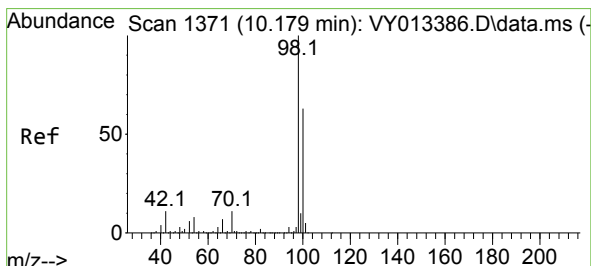
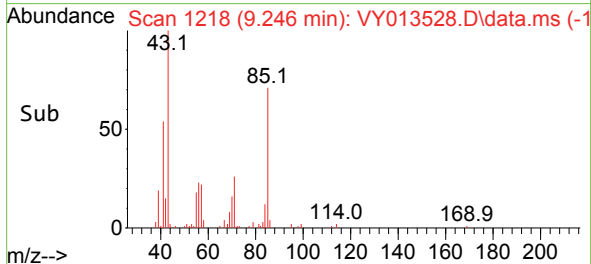
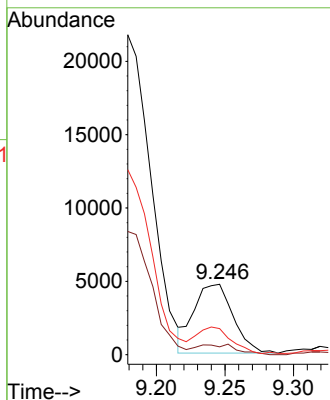
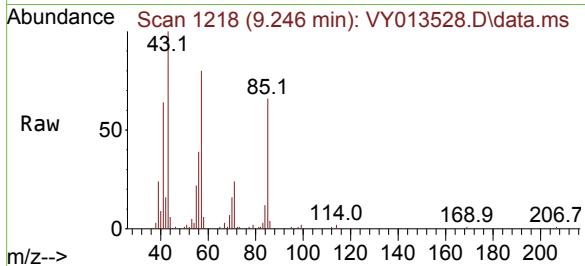




#48
Methyl methacrylate
Concen: 4.242 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.043 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

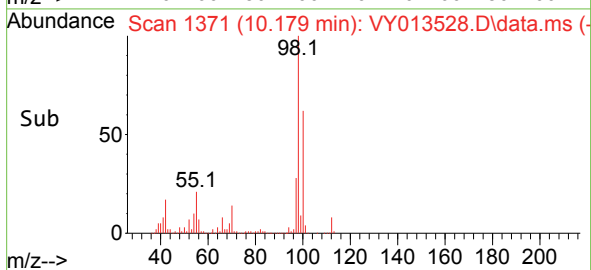
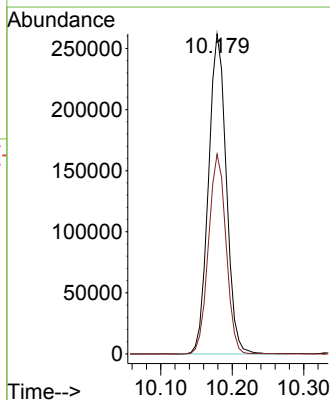
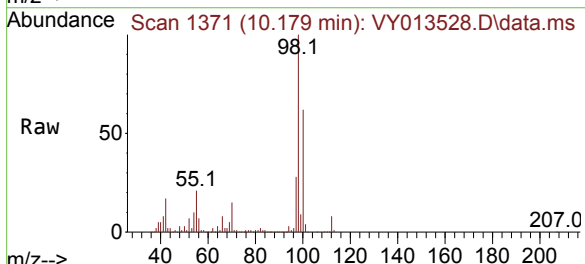
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

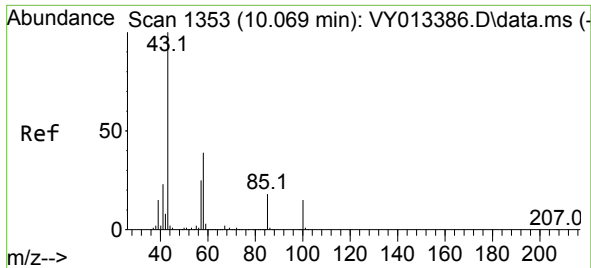
Tgt Ion: 41 Resp: 9360
Ion Ratio Lower Upper
41 100
69 15.0 70.2 105.4#
39 34.0 47.9 71.9#



#50
Toluene-d8
Concen: 55.800 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 98 Resp: 452443
Ion Ratio Lower Upper
98 100
100 61.5 50.5 75.7

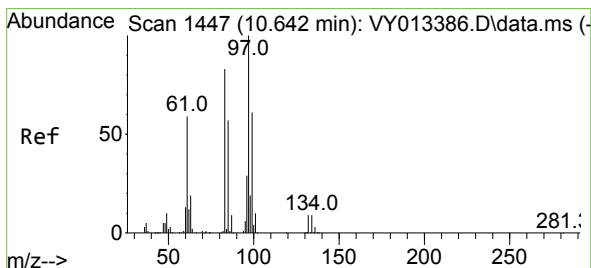
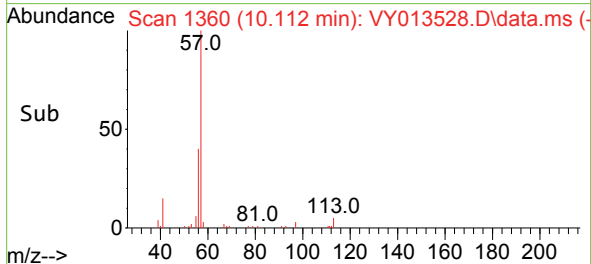
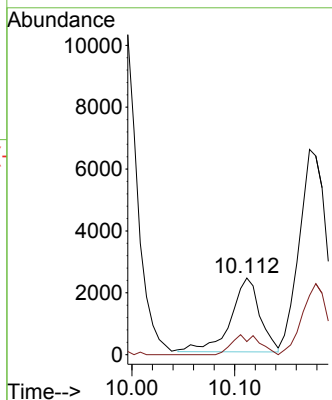
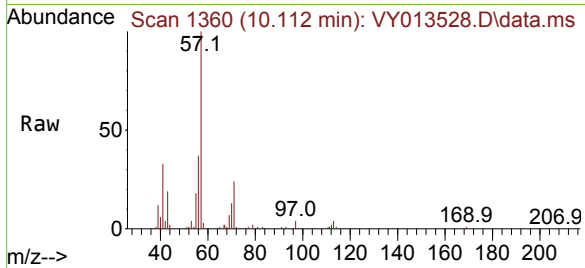




#51
4-Methyl-2-Pentanone
Concen: 1.760 ug/l
RT: 10.112 min Scan# 11
Delta R.T. 0.043 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

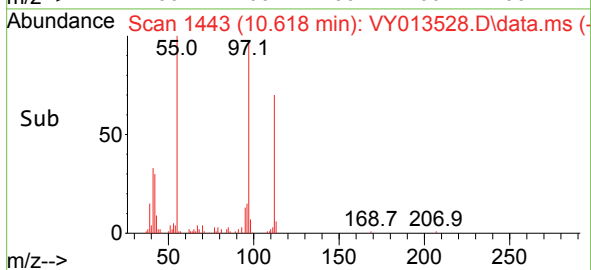
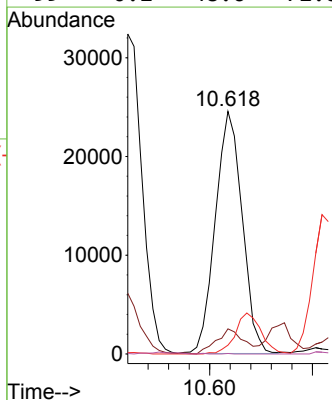
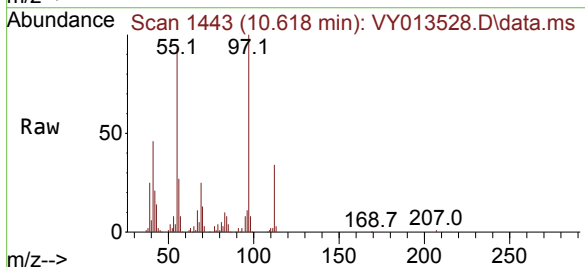
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

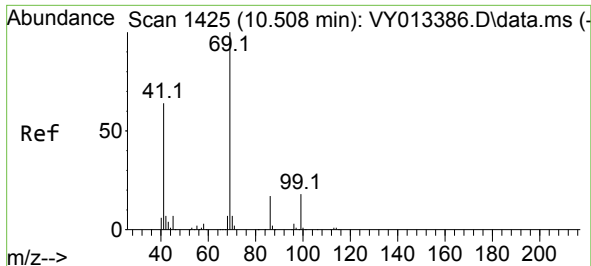
Tgt Ion: 43 Resp: 4713
Ion Ratio Lower Upper
43 100
58 25.3 30.6 46.0#



#55
1,1,2-Trichloroethane
Concen: 20.116 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 97 Resp: 44409
Ion Ratio Lower Upper
97 100
83 10.2 66.4 99.6#
85 3.6 45.6 68.4#
99 0.2 48.6 72.8#

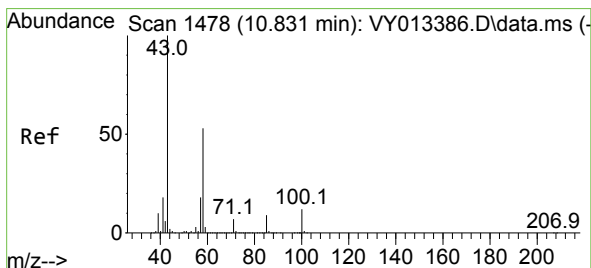
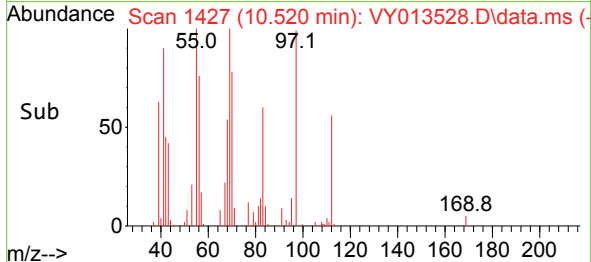
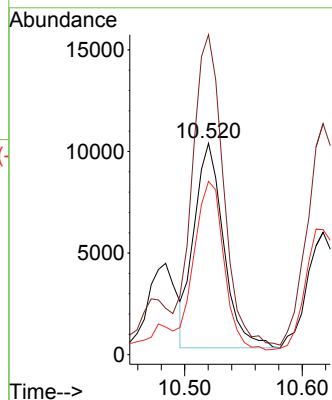
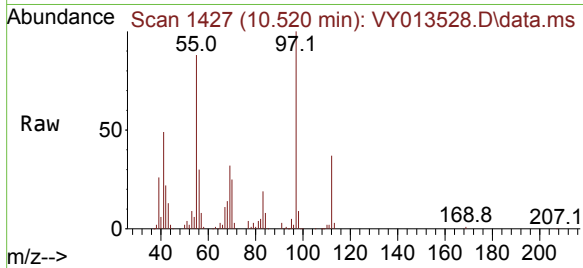




#56
Ethyl methacrylate
Concen: 5.717 ug/l
RT: 10.520 min Scan# 1425
Delta R.T. 0.012 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

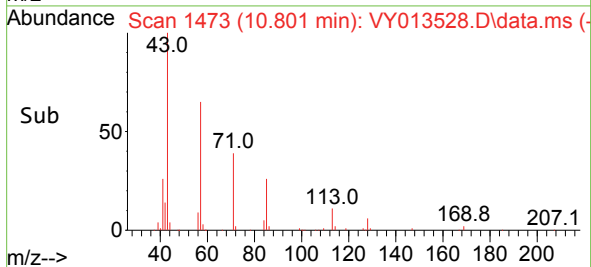
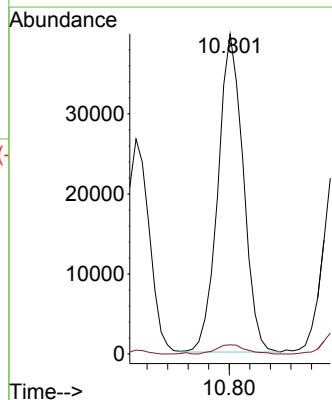
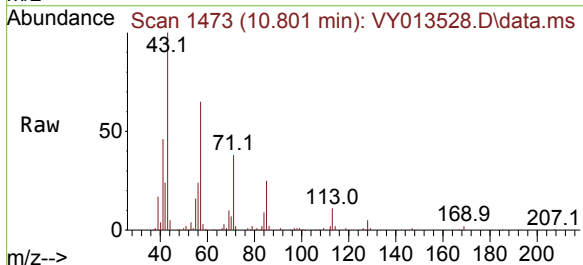
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

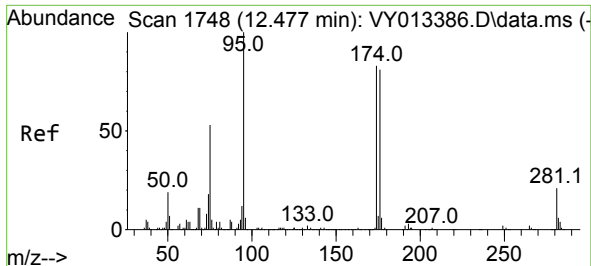
Tgt Ion: 69 Resp: 17511
Ion Ratio Lower Upper
69 100
41 158.6 51.4 77.0#
39 98.2 29.0 43.6#



#59
2-Hexanone
Concen: 34.759 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 43 Resp: 67653
Ion Ratio Lower Upper
43 100
58 3.4 26.3 78.8#

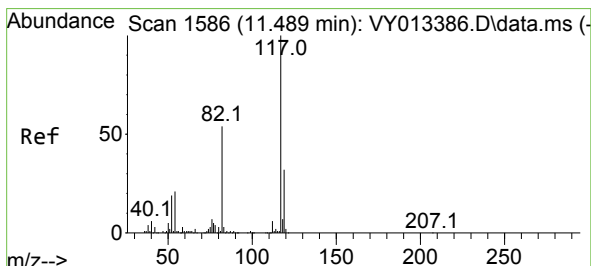
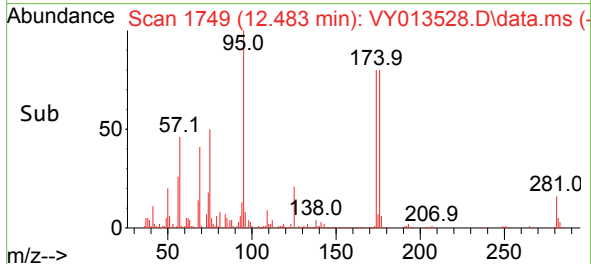
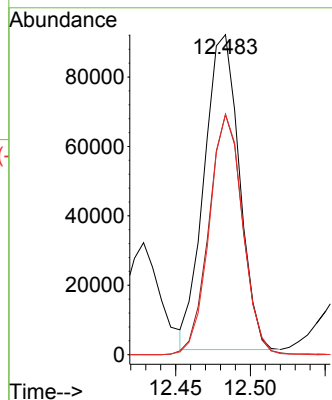
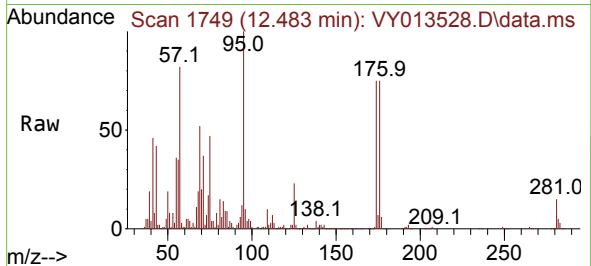




#62
4-Bromofluorobenzene
Concen: 54.195 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

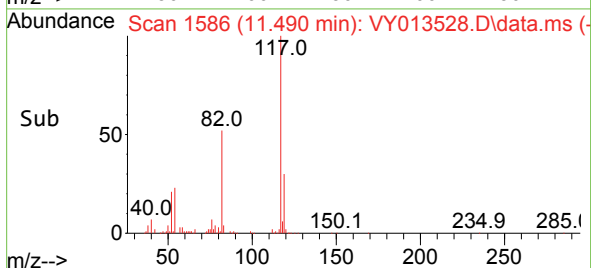
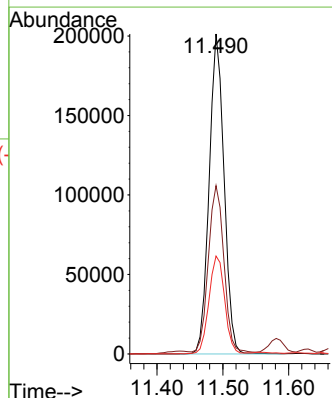
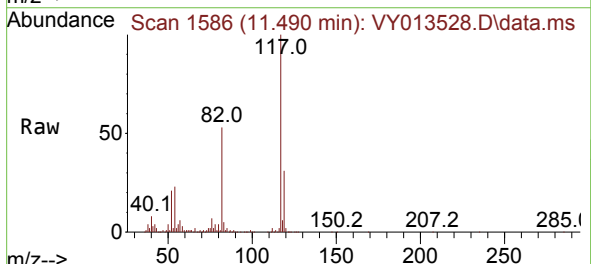
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

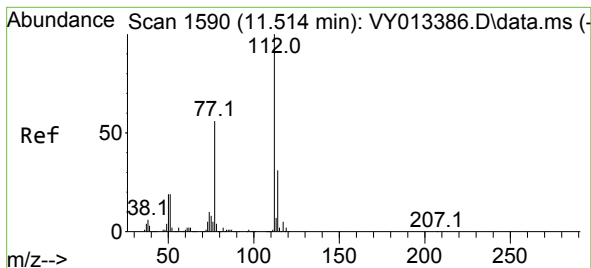
Tgt Ion: 95 Resp: 148142
Ion Ratio Lower Upper
95 100
174 73.3 0.0 182.0
176 72.3 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 117 Resp: 317853
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.6
119 30.5 25.5 38.3





#65

Chlorobenzene

Concen: 16.858 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013528.D

Acq: 28 Apr 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

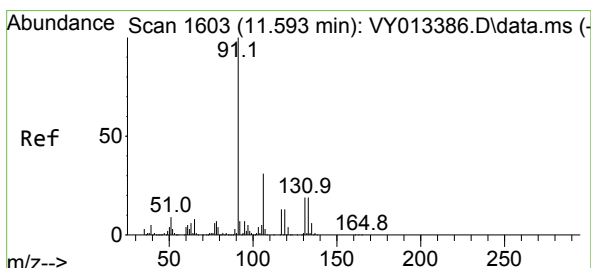
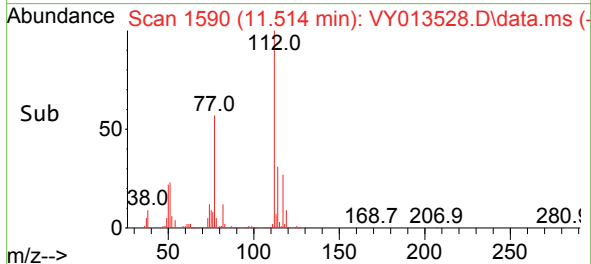
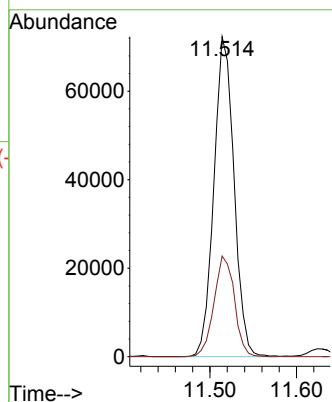
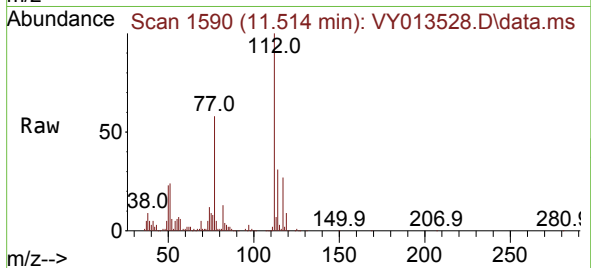
SPA-2WC-23-04

Tgt Ion:112 Resp: 116727

Ion Ratio Lower Upper

112 100

114 31.4 24.9 37.3



#67

Ethyl Benzene

Concen: 25.448 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013528.D

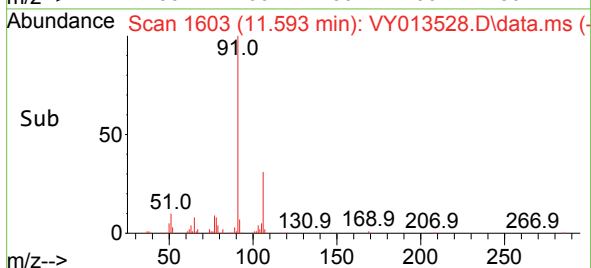
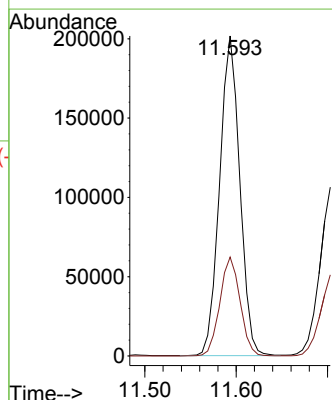
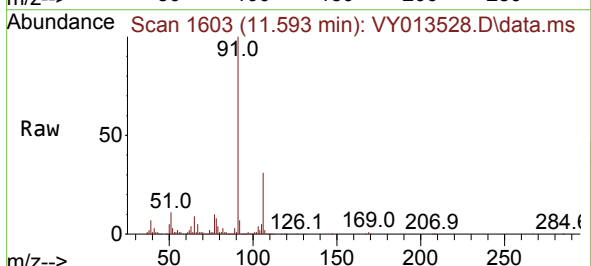
Acq: 28 Apr 2023 16:32

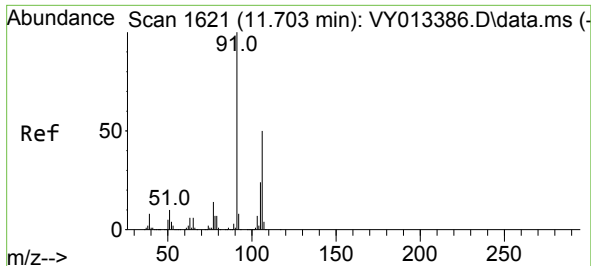
Tgt Ion: 91 Resp: 309413

Ion Ratio Lower Upper

91 100

106 30.9 25.1 37.7

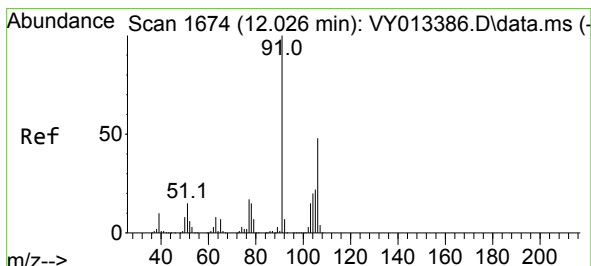
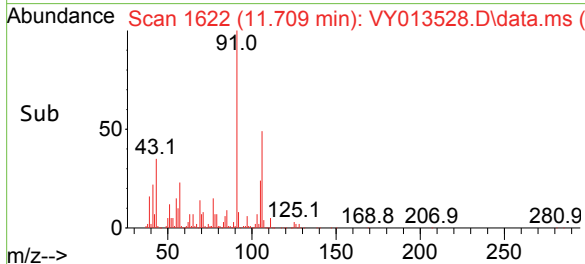
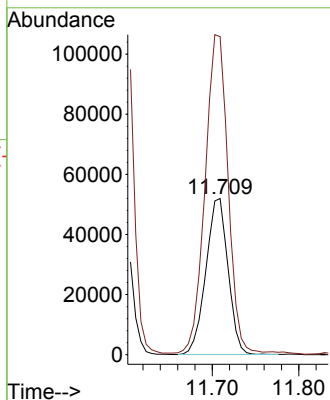
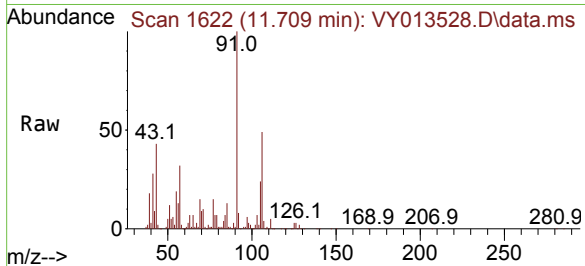




#68
m/p-Xylenes
Concen: 19.963 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

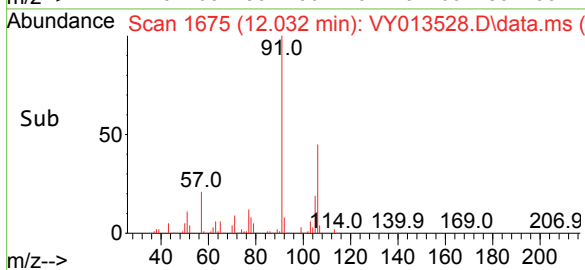
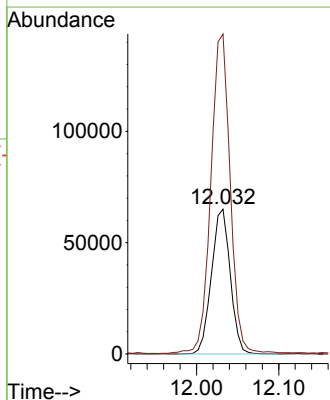
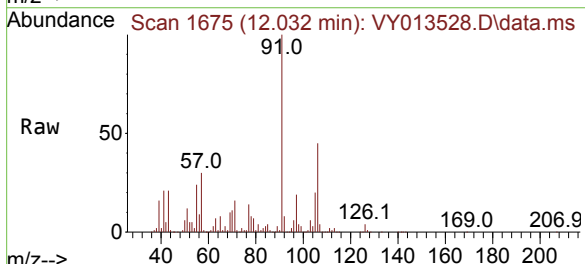
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

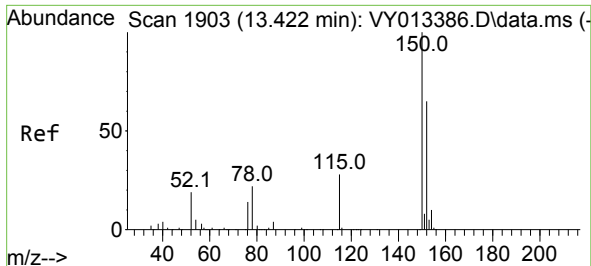
Tgt Ion:106 Resp: 92272
Ion Ratio Lower Upper
106 100
91 213.9 160.9 241.3



#69
o-Xylene
Concen: 23.652 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion:106 Resp: 103391
Ion Ratio Lower Upper
106 100
91 227.0 105.5 316.4

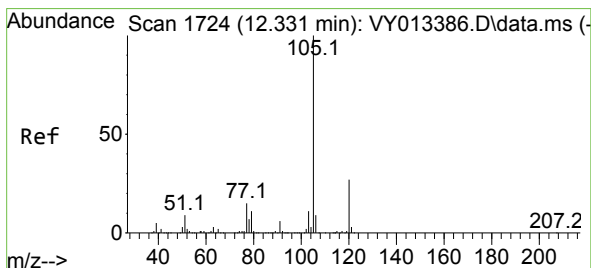
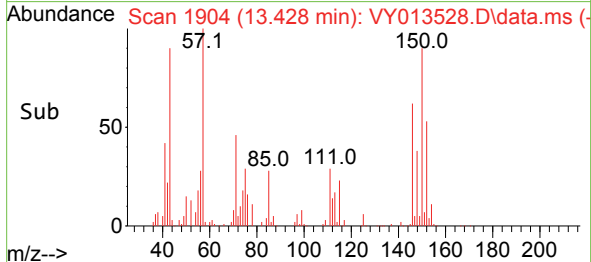
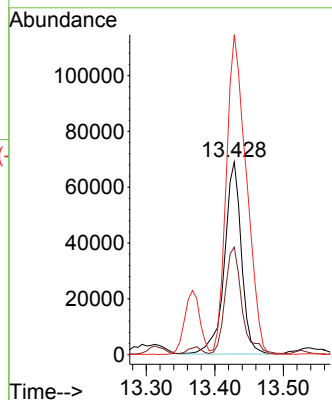
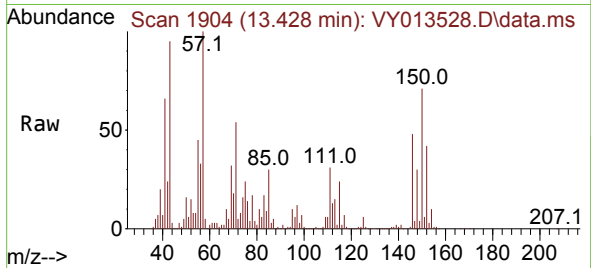




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY013528.D
 Acq: 28 Apr 2023 16:32

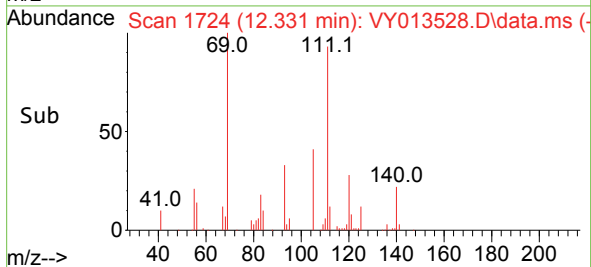
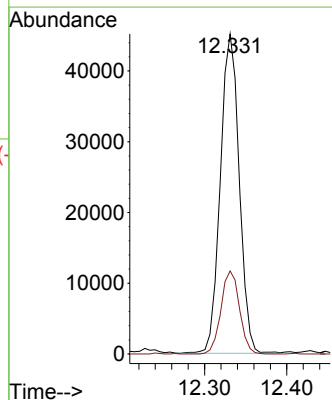
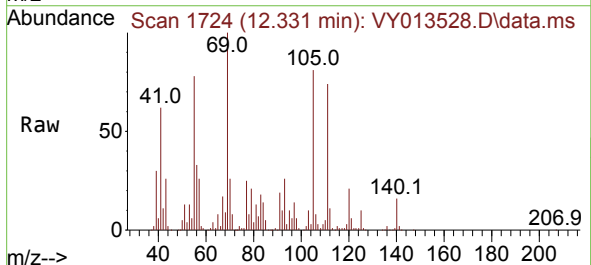
Instrument :
 MSVOA_Y
 ClientSampleId :
 SPA-2WC-23-04

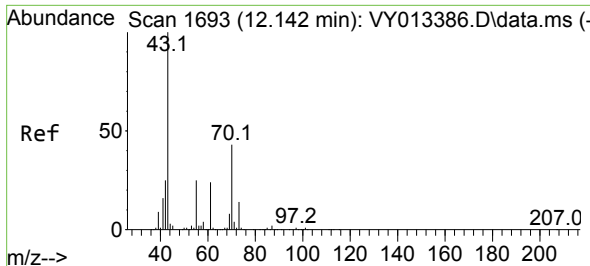
Tgt Ion:152 Resp: 118126
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.1 84.2
 150 196.9 0.0 352.0



#73
 Isopropylbenzene
 Concen: 8.072 ug/l
 RT: 12.331 min Scan# 1724
 Delta R.T. -0.000 min
 Lab File: VY013528.D
 Acq: 28 Apr 2023 16:32

Tgt Ion:105 Resp: 72116
 Ion Ratio Lower Upper
 105 100
 120 25.5 13.7 41.0

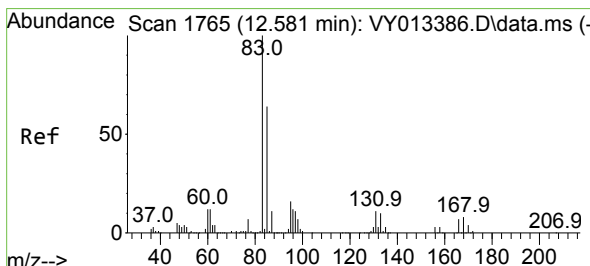
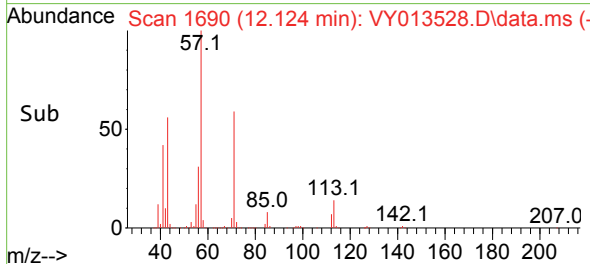
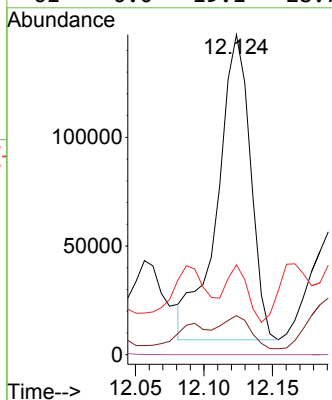
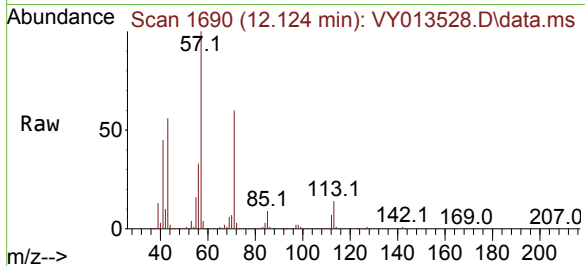




#74
N-amy1 acetate
Concen: 74.252 ug/l
RT: 12.124 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

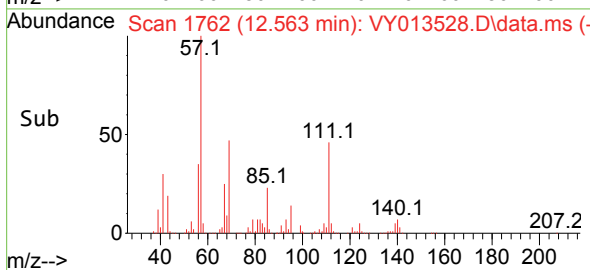
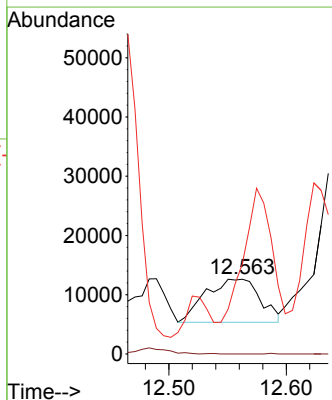
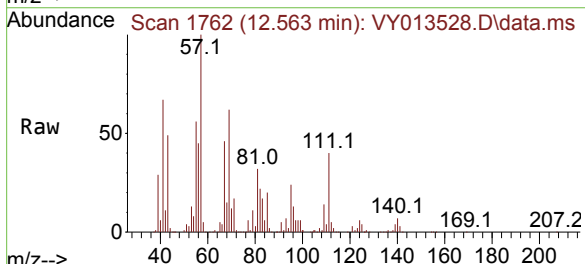
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

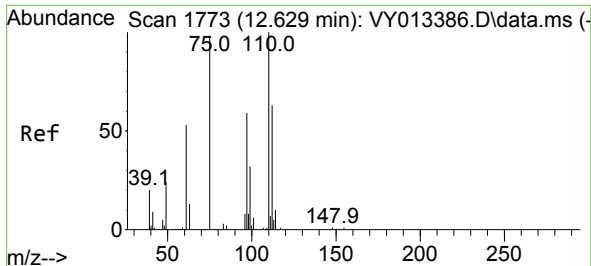
Tgt Ion: 43 Resp: 236082
Ion Ratio Lower Upper
43 100
70 9.5 33.0 49.4#
55 11.2 19.8 29.6#
61 0.0 19.1 28.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 10.759 ug/l
RT: 12.563 min Scan# 1762
Delta R.T. -0.018 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 83 Resp: 23497
Ion Ratio Lower Upper
83 100
131 0.0 5.7 17.0#
85 155.1 31.8 95.4#

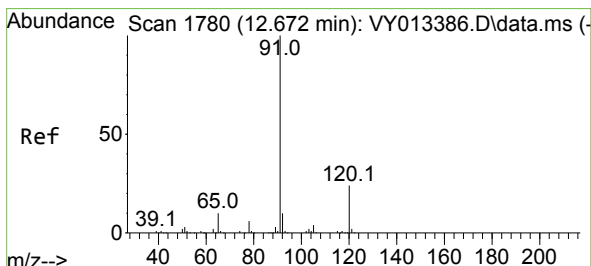
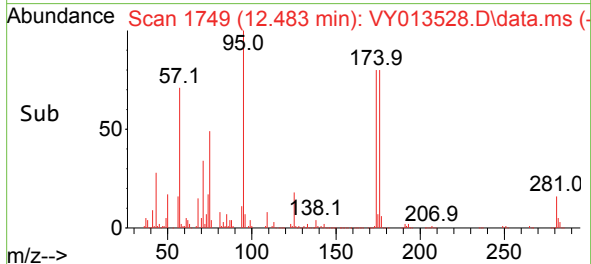
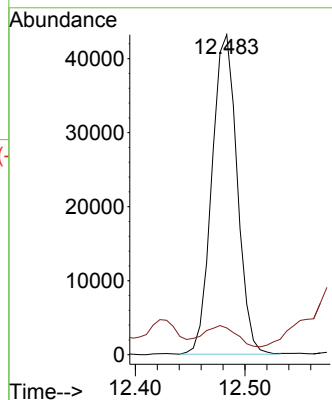
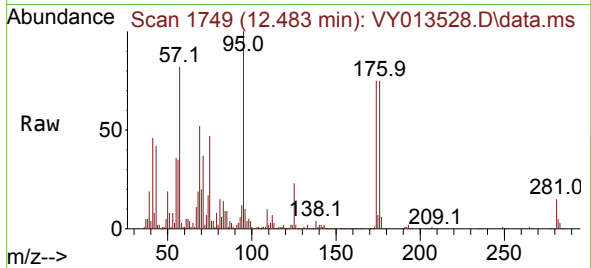




#76
1,2,3-Trichloropropane
Concen: 43.486 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

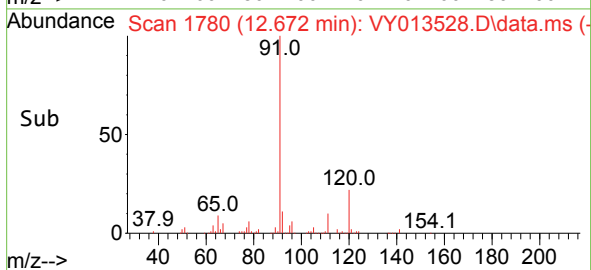
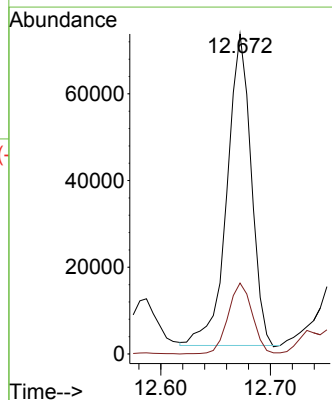
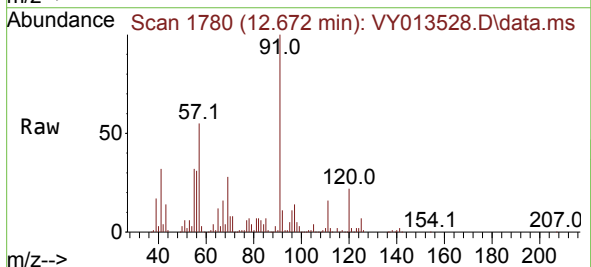
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

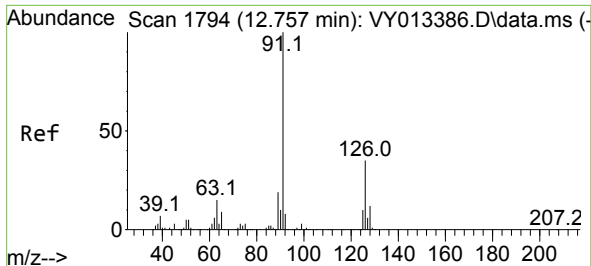
Tgt Ion: 75 Resp: 69276
Ion Ratio Lower Upper
75 100
77 8.8 0.0 0.0#



#78
n-propylbenzene
Concen: 9.982 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 91 Resp: 109851
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9





#79

2-Chlorotoluene

Concen: 6.594 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013528.D

Acq: 28 Apr 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

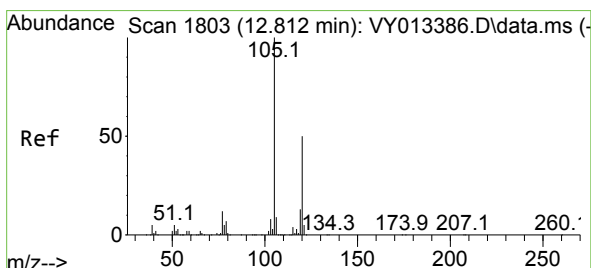
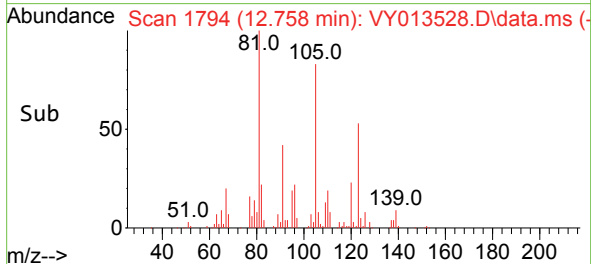
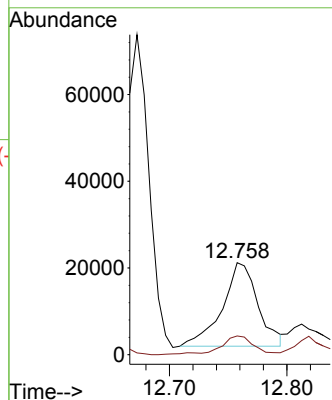
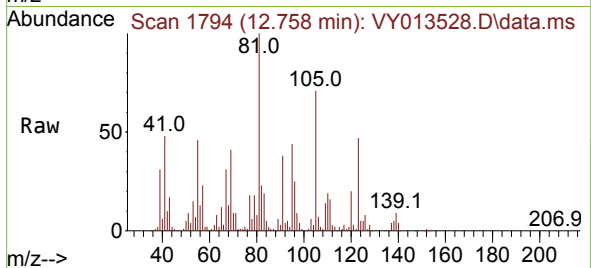
SPA-2WC-23-04

Tgt Ion: 91 Resp: 40521

Ion Ratio Lower Upper

91 100

126 21.0 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 1.565 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013528.D

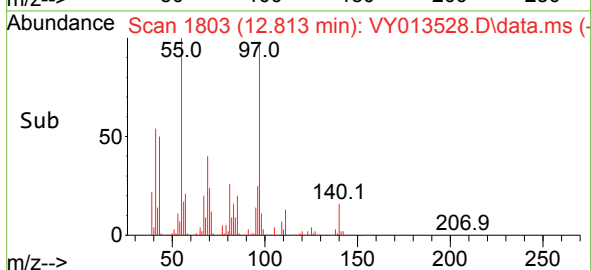
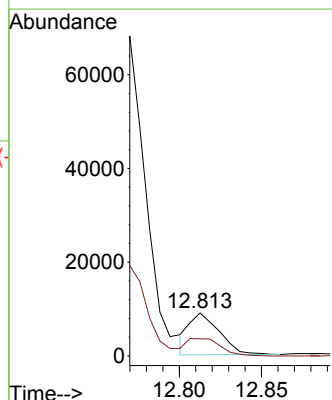
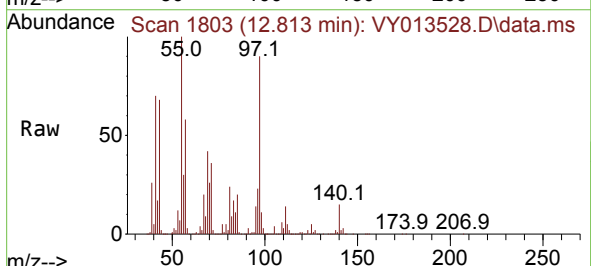
Acq: 28 Apr 2023 16:32

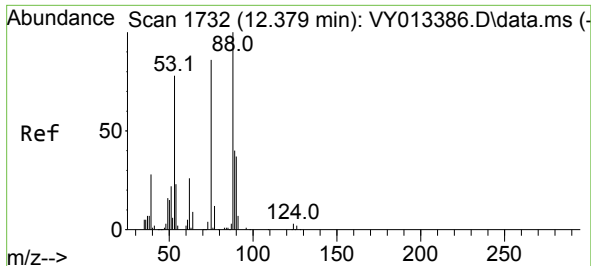
Tgt Ion: 105 Resp: 11413

Ion Ratio Lower Upper

105 100

120 46.6 24.7 74.1

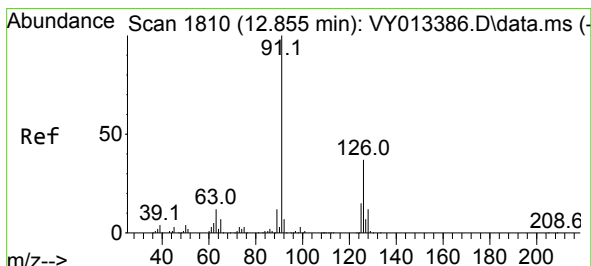
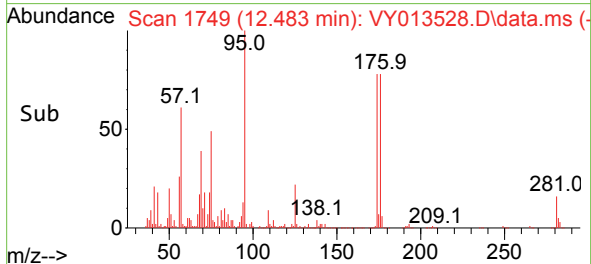
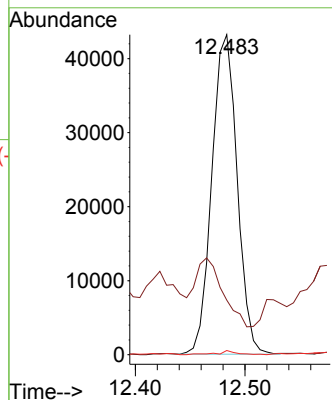
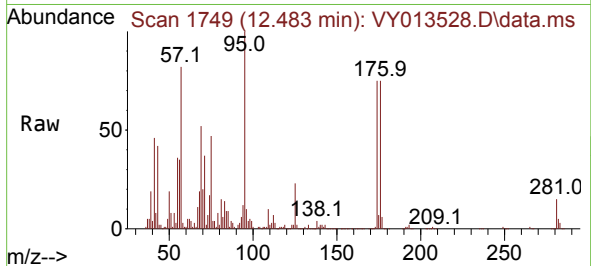




#81
trans-1,4-Dichloro-2-butene
Concen: 88.953 ug/l
RT: 12.483 min Scan# 1794
Delta R.T. 0.104 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

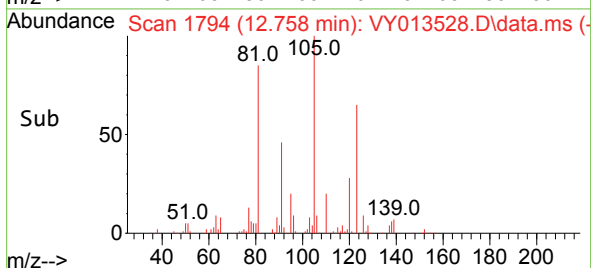
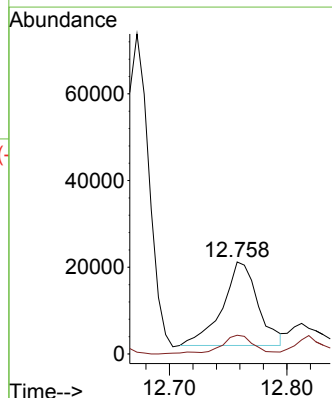
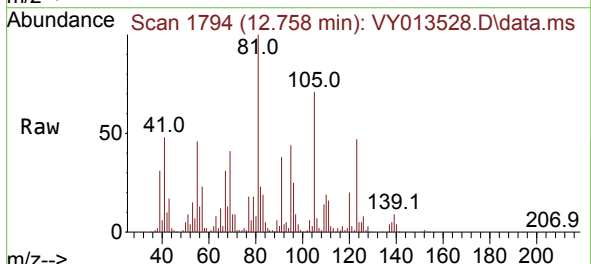
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

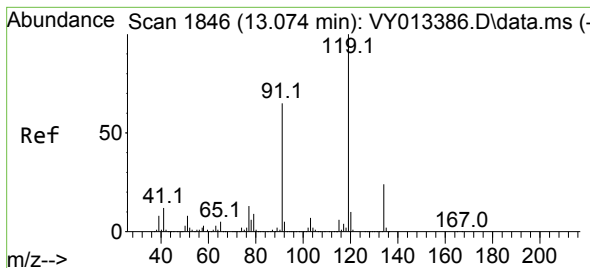
Tgt Ion: 75 Resp: 69276
Ion Ratio Lower Upper
75 100
53 23.3 73.2 109.8#
89 1.0 38.0 57.0#



#82
4-Chlorotoluene
Concen: 6.326 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.097 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 91 Resp: 40521
Ion Ratio Lower Upper
91 100
126 21.0 17.9 53.8





#83

tert-Butylbenzene

Concen: 11.163 ug/l

RT: 13.075 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013528.D

Acq: 28 Apr 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

SPA-2WC-23-04

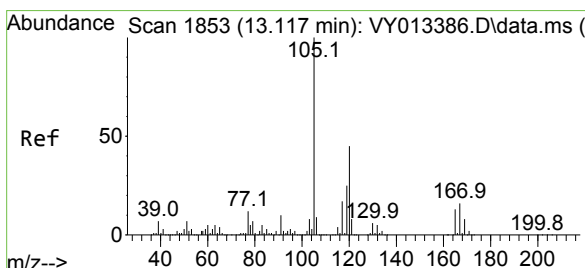
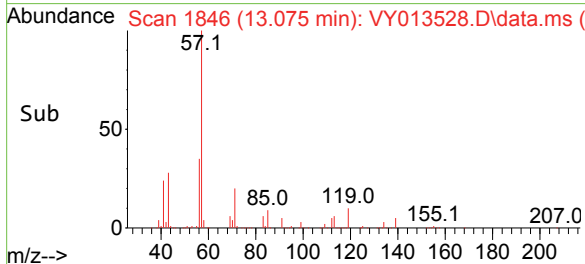
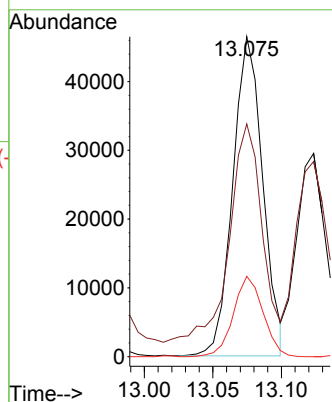
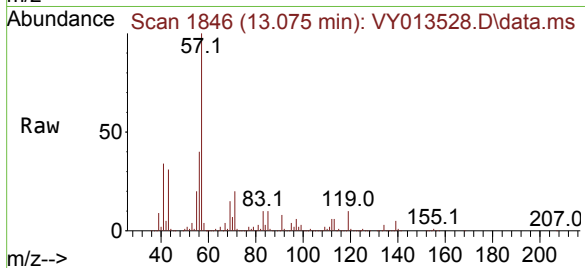
Tgt Ion:119 Resp: 70525

Ion Ratio Lower Upper

119 100

91 73.6 32.2 96.6

134 25.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.317 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY013528.D

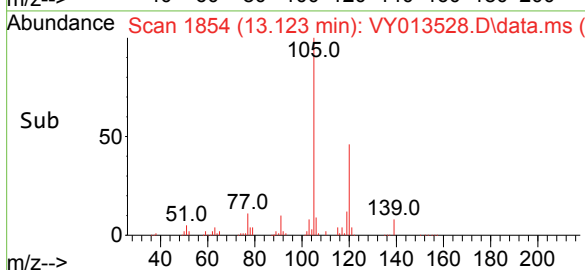
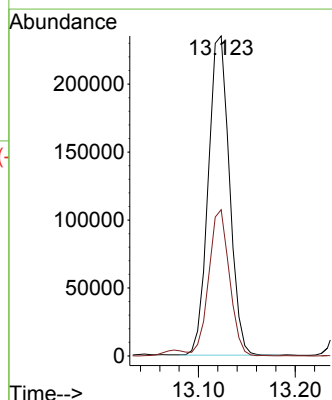
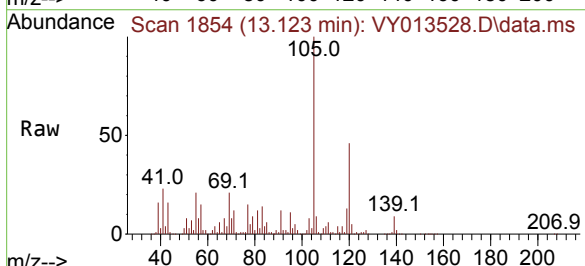
Acq: 28 Apr 2023 16:32

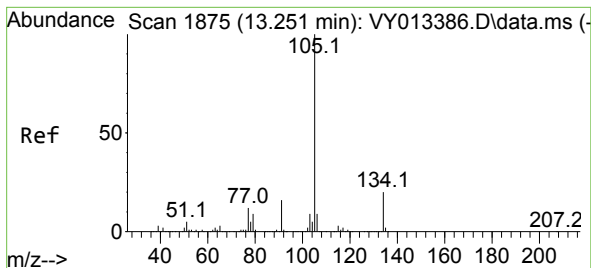
Tgt Ion:105 Resp: 356748

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 8.085 ug/l

RT: 13.252 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013528.D

Acq: 28 Apr 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

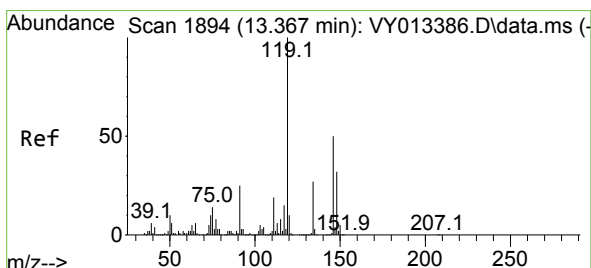
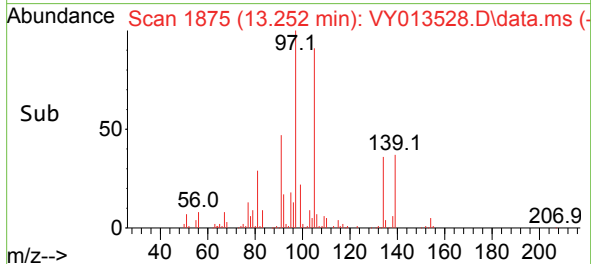
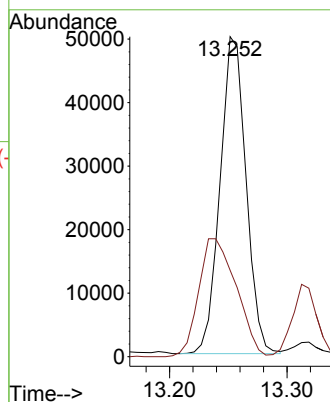
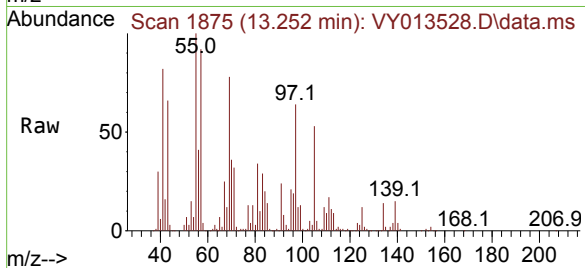
SPA-2WC-23-04

Tgt Ion:105 Resp: 76660

Ion Ratio Lower Upper

105 100

134 53.7 10.3 30.9#



#86

p-Isopropyltoluene

Concen: 5.360 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013528.D

Acq: 28 Apr 2023 16:32

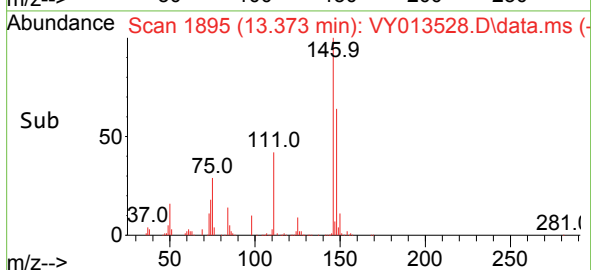
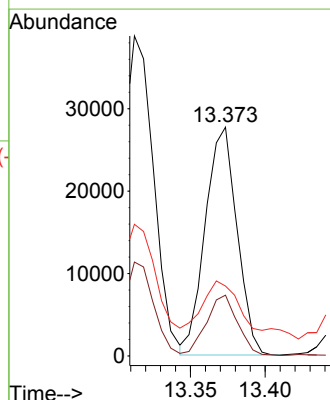
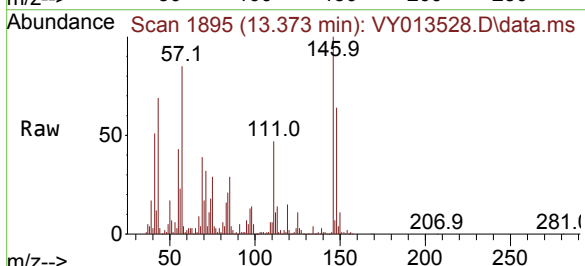
Tgt Ion:119 Resp: 40874

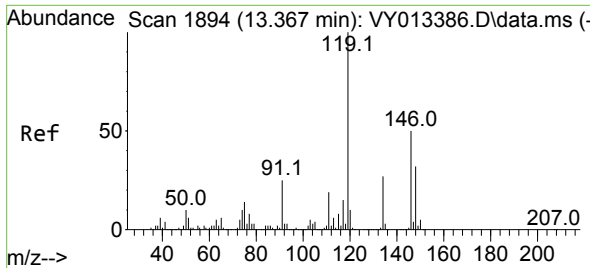
Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.2

91 33.4 12.1 36.3

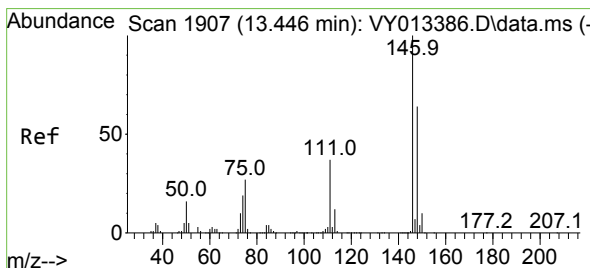
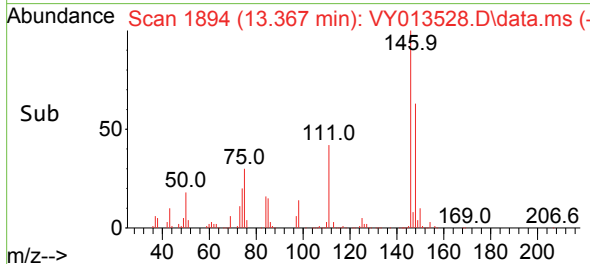
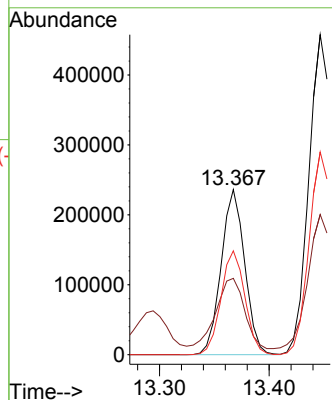
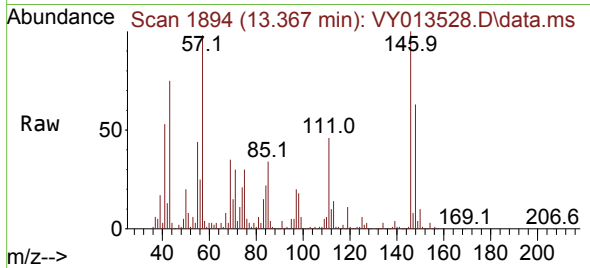




#87
1,3-Dichlorobenzene
Concen: 85.432 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

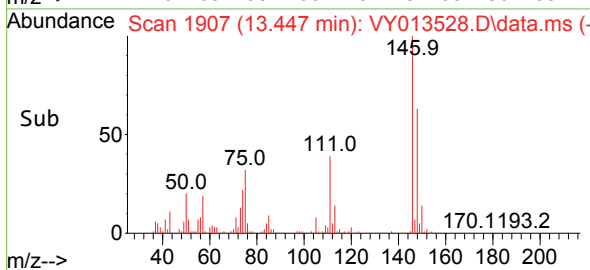
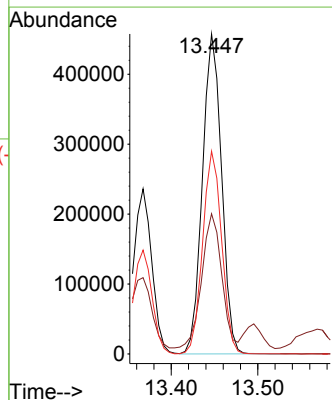
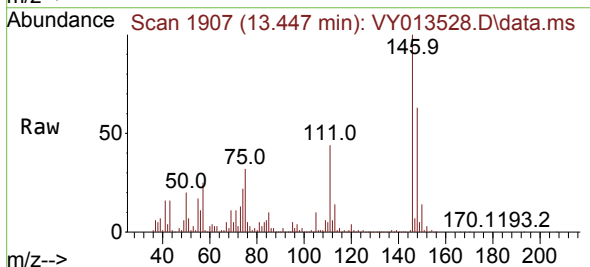
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

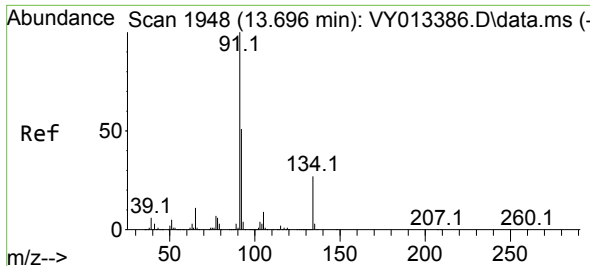
Tgt Ion:146 Resp: 352364
Ion Ratio Lower Upper
146 100
111 51.2 19.3 57.9
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 168.350 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion:146 Resp: 701409
Ion Ratio Lower Upper
146 100
111 43.4 18.9 56.5
148 63.0 31.9 95.5

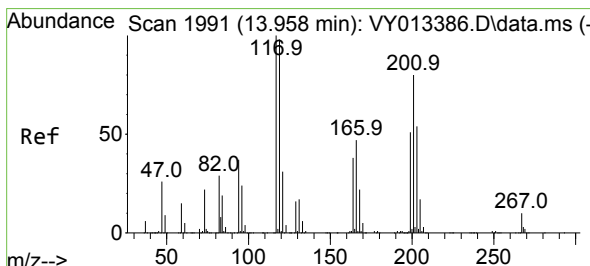
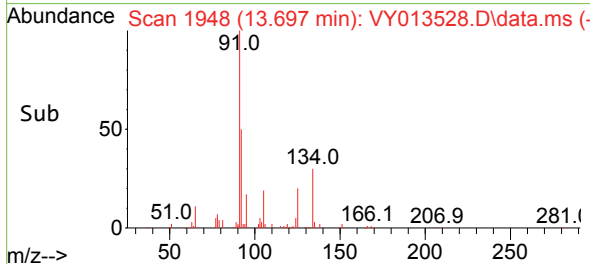
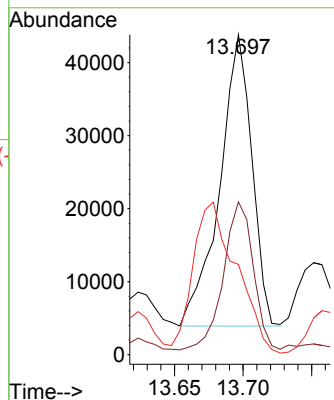
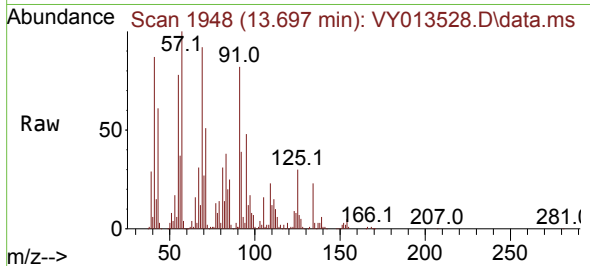




#89
n-Butylbenzene
Concen: 8.751 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

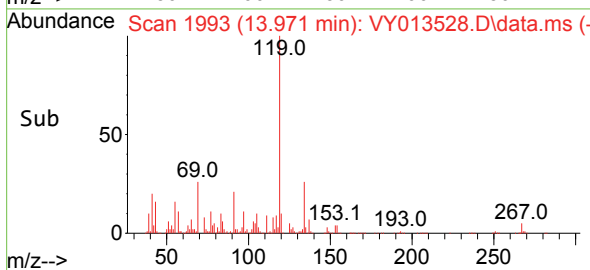
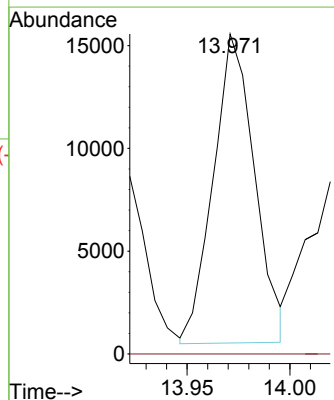
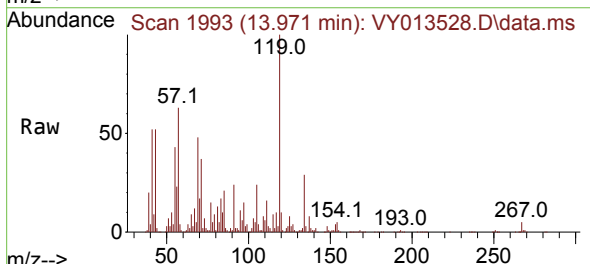
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

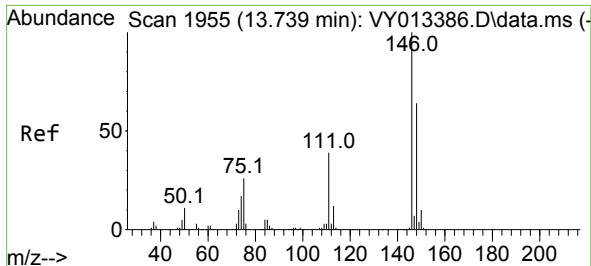
Tgt Ion: 91 Resp: 65130
Ion Ratio Lower Upper
91 100
92 46.8 25.8 77.3
134 69.5 13.5 40.4#



#90
Hexachloroethane
Concen: 13.104 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.013 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion: 117 Resp: 21029
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#





#91

1,2-Dichlorobenzene

Concen: 102.015 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013528.D

Acq: 28 Apr 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

SPA-2WC-23-04

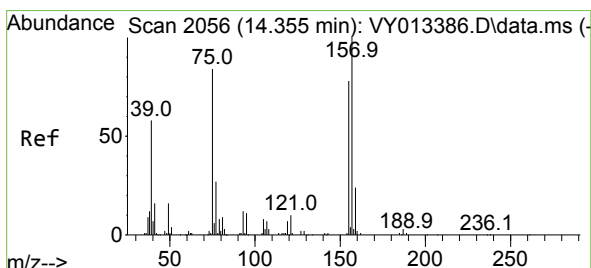
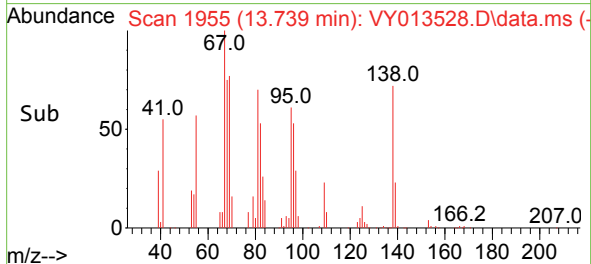
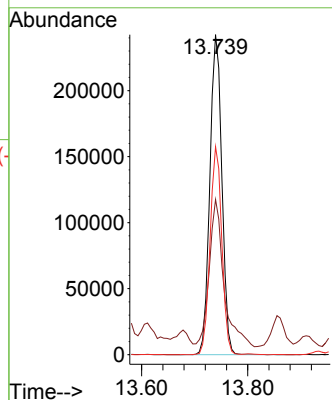
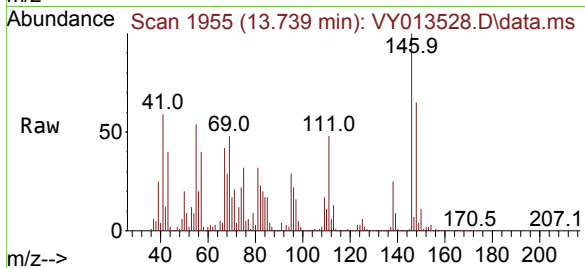
Tgt Ion:146 Resp: 379957

Ion Ratio Lower Upper

146 100

111 56.2 19.8 59.4

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.638 ug/l

RT: 14.337 min Scan# 2053

Delta R.T. -0.018 min

Lab File: VY013528.D

Acq: 28 Apr 2023 16:32

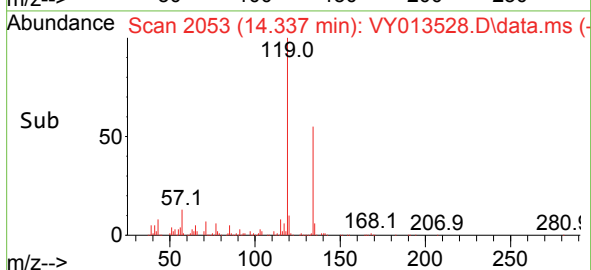
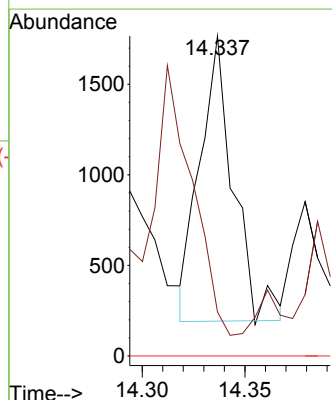
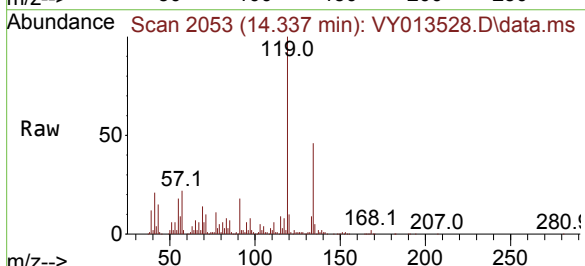
Tgt Ion: 75 Resp: 1789

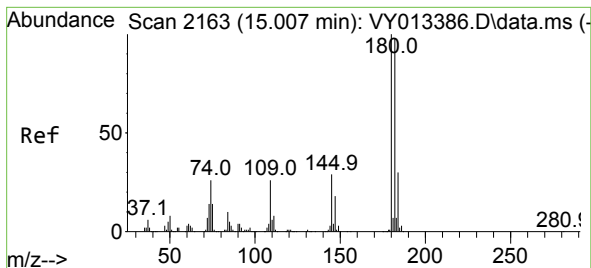
Ion Ratio Lower Upper

75 100

155 0.0 44.6 134.0#

157 0.0 57.6 172.7#





#93

1,2,4-Trichlorobenzene

Concen: 39.184 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013528.D

Acq: 28 Apr 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

SPA-2WC-23-04

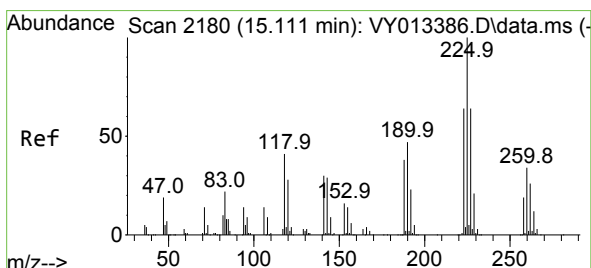
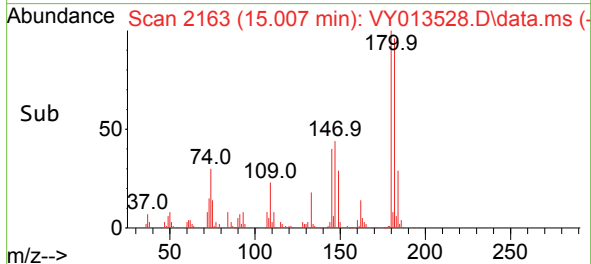
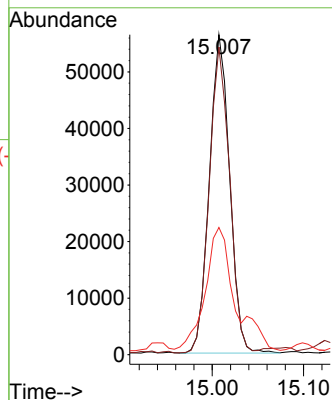
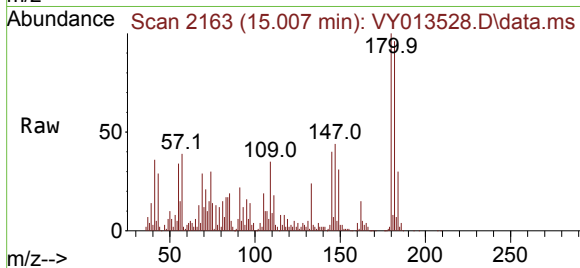
Tgt Ion:180 Resp: 87012

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.5

145 61.0 15.0 45.0#



#94

Hexachlorobutadiene

Concen: 3.569 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013528.D

Acq: 28 Apr 2023 16:32

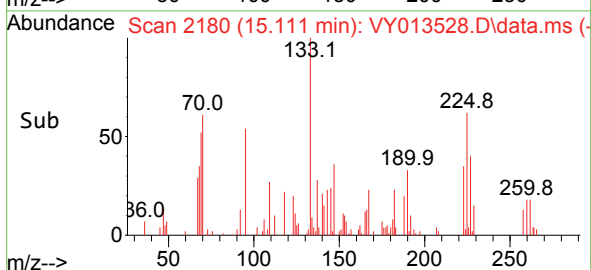
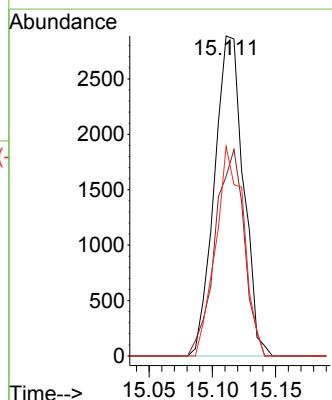
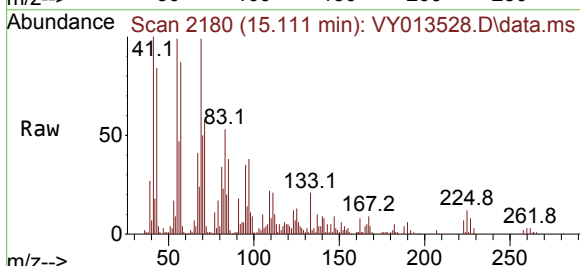
Tgt Ion:225 Resp: 4612

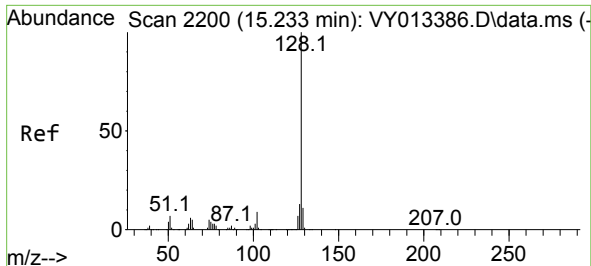
Ion Ratio Lower Upper

225 100

223 64.5 31.4 94.2

227 62.7 32.0 96.0

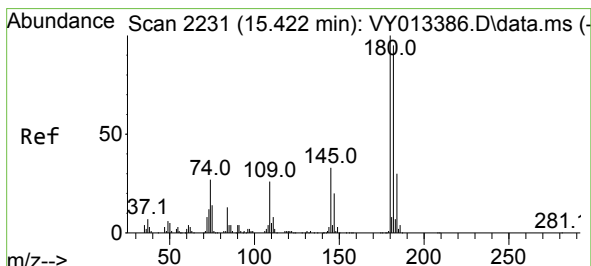
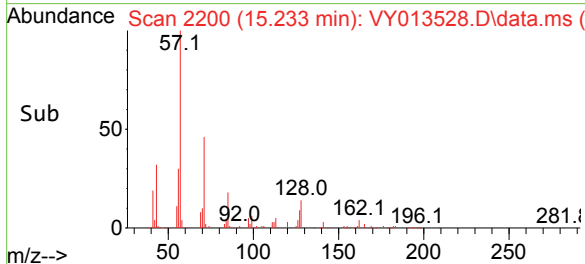
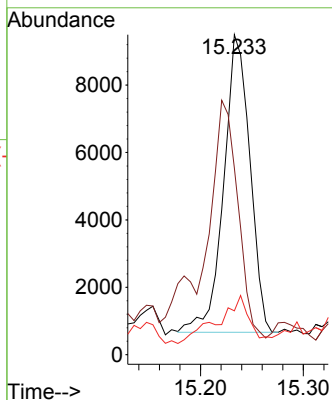
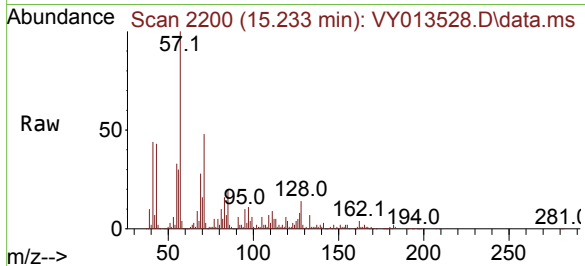




#95
Naphthalene
Concen: 3.248 ug/l
RT: 15.233 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

Tgt Ion:128 Resp: 15649
Ion Ratio Lower Upper
128 100
127 79.8 10.7 16.1#
129 19.9 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 13.015 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY013528.D
Acq: 28 Apr 2023 16:32

Tgt Ion:180 Resp: 25760
Ion Ratio Lower Upper
180 100
182 88.9 47.1 141.3
145 80.6 15.9 47.7#

