

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015197.D
 Acq On : 18 Aug 2023 15:48
 Operator : SY/MD
 Sample : 04086-08
 Misc : 5.07g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 23:11:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	193653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121705	52.355	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.700%	
35) Dibromofluoromethane	7.710	113	105114	48.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.700%	
50) Toluene-d8	10.179	98	404598	49.989	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.980%	
62) 4-Bromofluorobenzene	12.477	95	165424	55.958	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.920%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.900	85	50	Below Cal	#	43
3) Chloromethane	2.107	50	701	Below Cal	#	73
5) Bromomethane	2.625	94	105	Below Cal	#	2
11) Tert butyl alcohol	4.954	59	1939	Below Cal	#	89
13) Acrolein	3.692	56	511	Below Cal	#	1
15) Acrylonitrile	5.228	53	1230	1.782	ug/l #	30
16) Acetone	3.942	43	4340	5.715	ug/l	95
20) Methylene Chloride	4.704	84	46194	23.040	ug/l	91
25) 2-Butanone	6.978	43	4502	4.187	ug/l #	82
26) 2,2-Dichloropropane	6.972	77	5873	1.888	ug/l #	54
29) Tetrahydrofuran	7.350	42	698	1.086	ug/l #	61
31) Cyclohexane	7.764	56	18302	6.598	ug/l #	78
36) 1,1-Dichloropropene	7.783	75	14136	5.877	ug/l #	42
38) Carbon Tetrachloride	7.783	117	19777	6.947	ug/l #	16
39) Methylcyclohexane	9.179	83	11900	4.413	ug/l	97
40) Benzene	8.155	78	9853	1.355	ug/l #	89
43) Isopropyl Acetate	8.264	43	5266	1.290	ug/l #	55
51) 4-Methyl-2-Pentanone	10.112	43	2601	1.099	ug/l #	76
52) Toluene	10.240	92	1055847	220.276	ug/l	94
55) 1,1,2-Trichloroethane	10.618	97	3425	1.742	ug/l #	21
59) 2-Hexanone	10.801	43	5373	3.068	ug/l #	33
67) Ethyl Benzene	11.593	91	593142	55.477	ug/l	98
68) m/p-Xylenes	11.697	106	895123	220.435	ug/l	97
69) o-Xylene	12.026	106	374973	92.695	ug/l	99
70) Styrene	12.026	104	19078	2.725	ug/l #	1
73) Isopropylbenzene	12.331	105	96818	8.621	ug/l	100
74) N-amyl acetate	12.117	43	5504	1.357	ug/l #	70
76) 1,2,3-Trichloropropane	12.666	75	3886	1.831	ug/l #	100
77) Bromobenzene	12.349	156	3963	1.448	ug/l #	1
78) n-propylbenzene	12.666	91	585708	43.917	ug/l	98
79) 2-Chlorotoluene	12.764	91	70995	9.228	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.812	105	706761	75.494	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.477	75	86027	89.050	ug/l #	10
82) 4-Chlorotoluene	12.812	91	76798	9.662	ug/l #	40
83) tert-Butylbenzene	13.117	119	390718	45.629	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.117	105	3185170	340.486	ug/l	97

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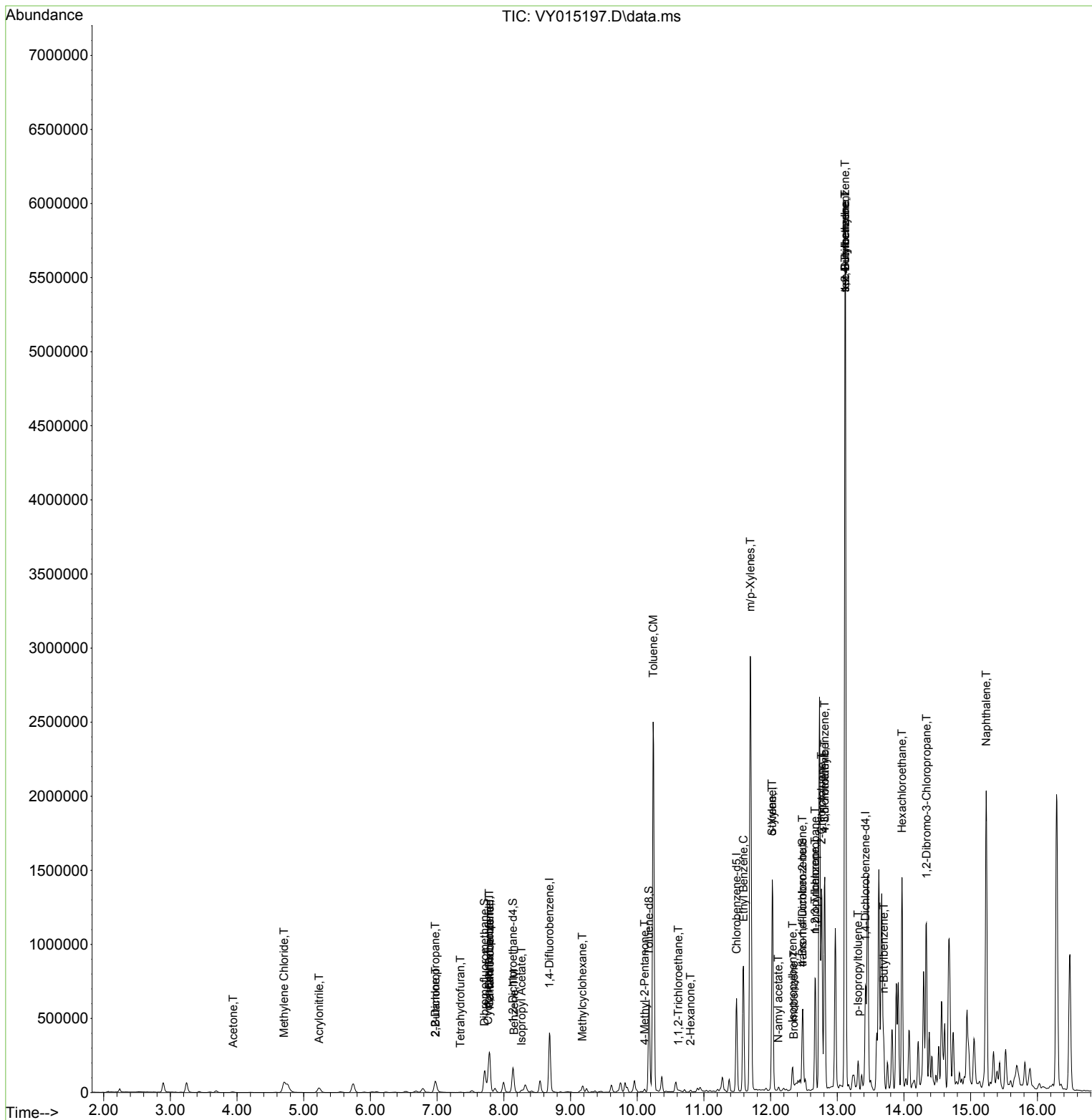
Instrument :
 MSVOA_Y
 ClientSampleId :

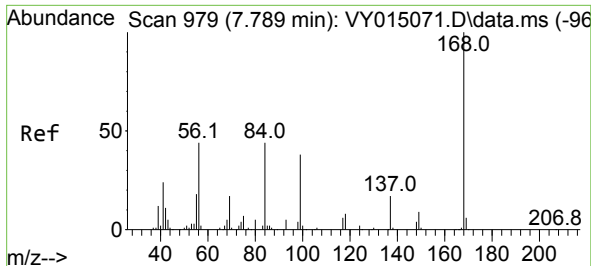
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 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.117	105	3185170	253.870	ug/l #	56
86) p-Isopropyltoluene	13.312	119	100156	9.628	ug/l	96
89) n-Butylbenzene	13.696	91	165871	16.912	ug/l #	71
90) Hexachloroethane	13.971	117	64260	31.139	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.336	75	4132	7.292	ug/l #	3
95) Naphthalene	15.233	128	1594624	196.573	ug/l	99

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

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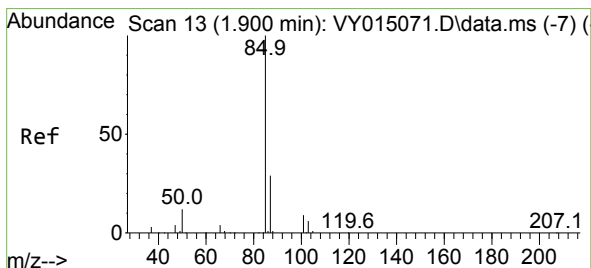
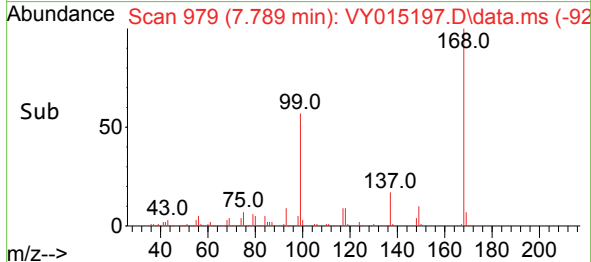
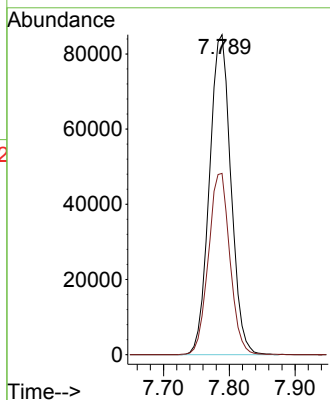
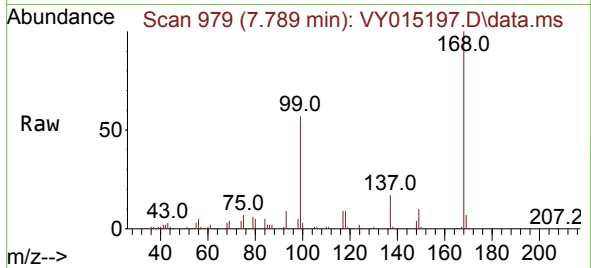




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

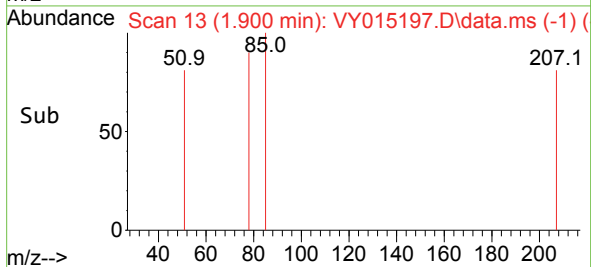
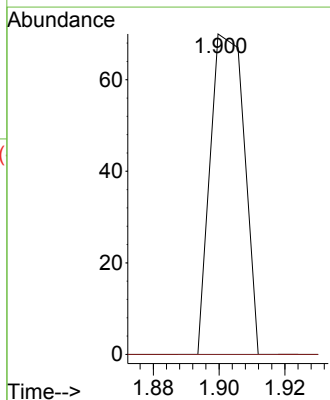
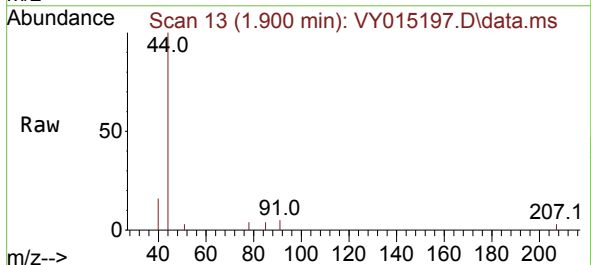
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MSVOA_Y
ClientSampleId :

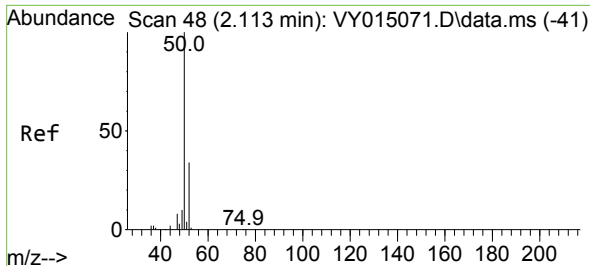
Tgt Ion:168 Resp: 193653
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Tgt Ion: 85 Resp: 50
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

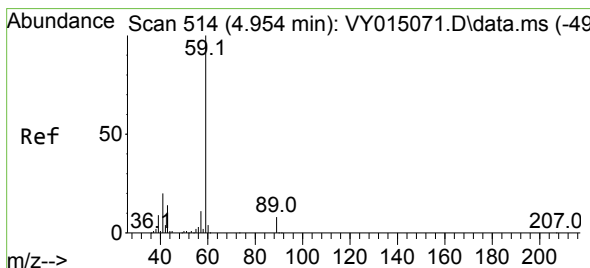
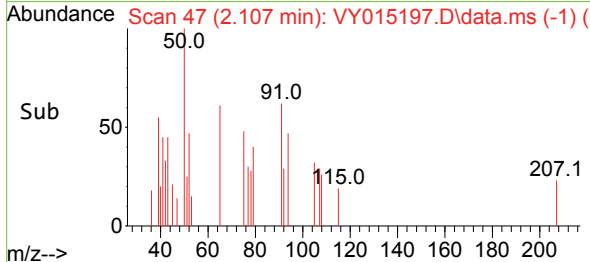
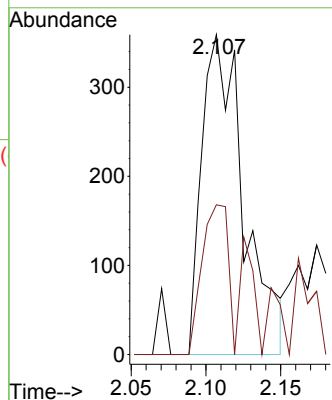
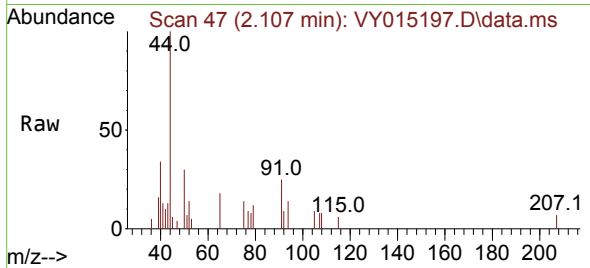




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

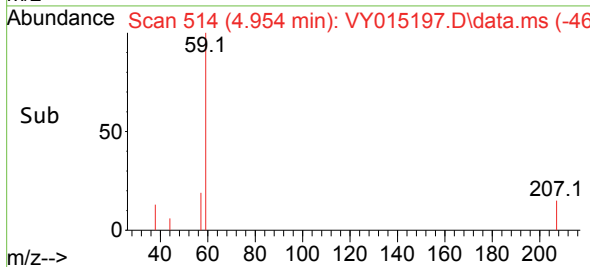
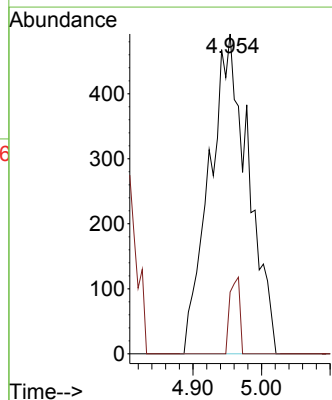
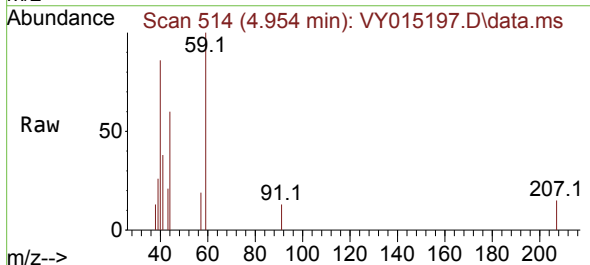
Instrument :
MSVOA_Y
ClientSampleId :

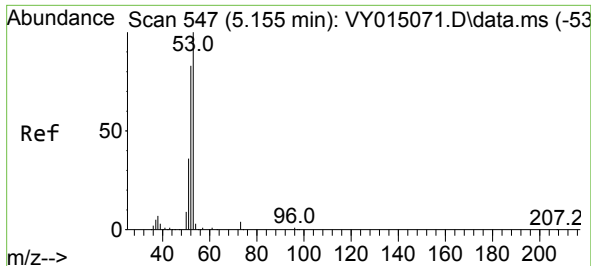
Tgt Ion: 50 Resp: 701
Ion Ratio Lower Upper
50 100
52 46.8 25.4 38.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Tgt Ion: 59 Resp: 1939
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

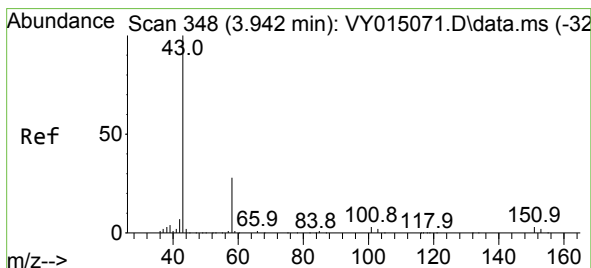
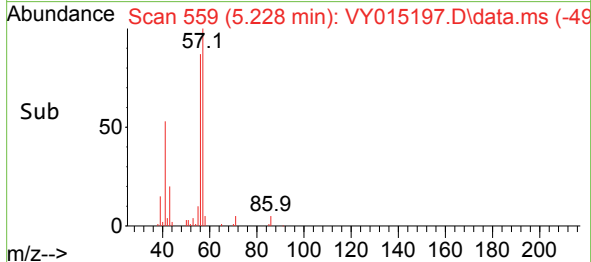
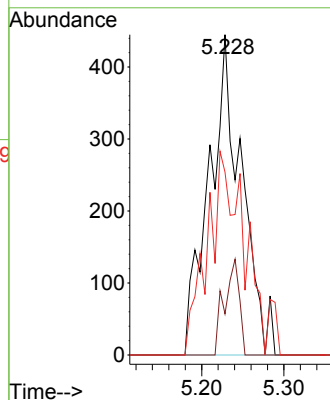
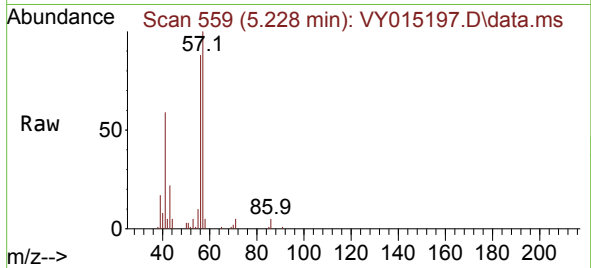




#15
Acrylonitrile
Concen: 1.782 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.073 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

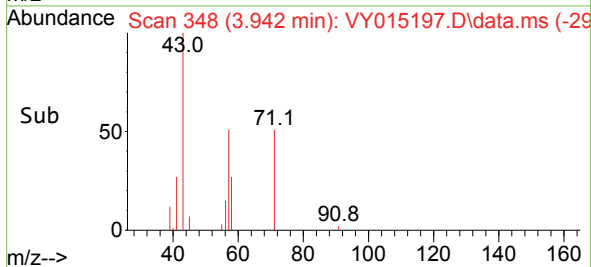
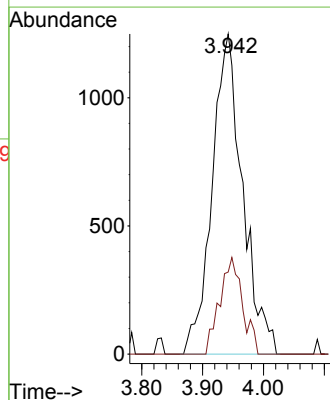
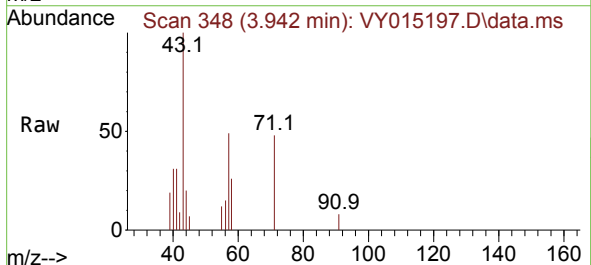
Instrument :
MSVOA_Y
ClientSampleId :

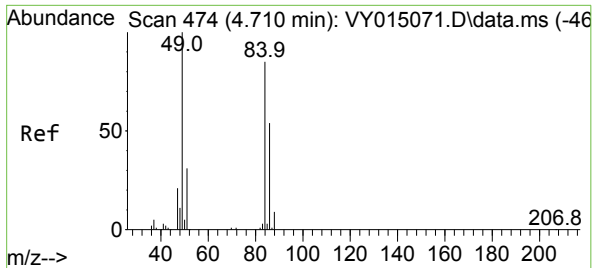
Tgt Ion: 53 Resp: 1230
Ion Ratio Lower Upper
53 100
52 13.7 66.9 100.3#
51 70.1 29.8 44.6#



#16
Acetone
Concen: 5.715 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

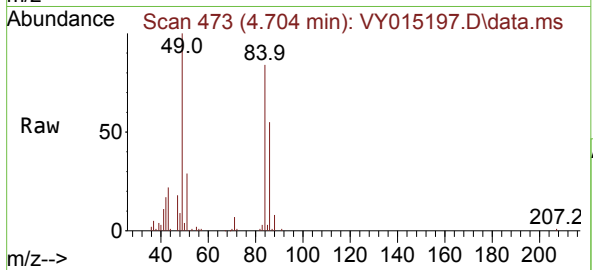
Tgt Ion: 43 Resp: 4340
Ion Ratio Lower Upper
43 100
58 25.6 22.7 34.1



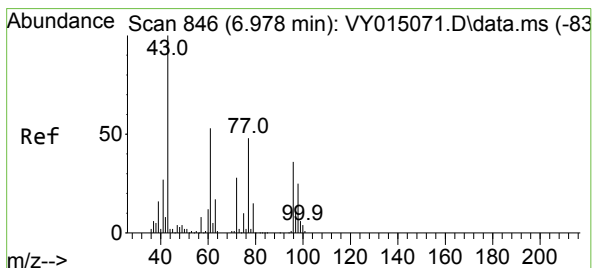
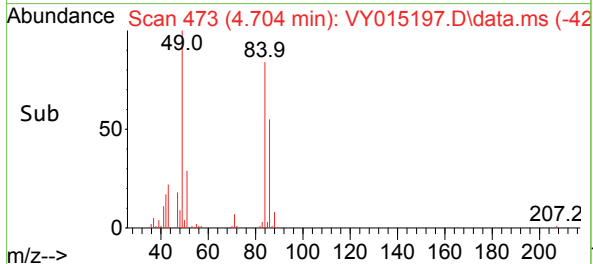
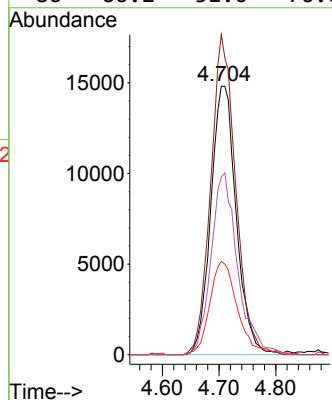


#20
Methylene Chloride
Concen: 23.040 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Instrument :
MSVOA_Y
ClientSampleId :

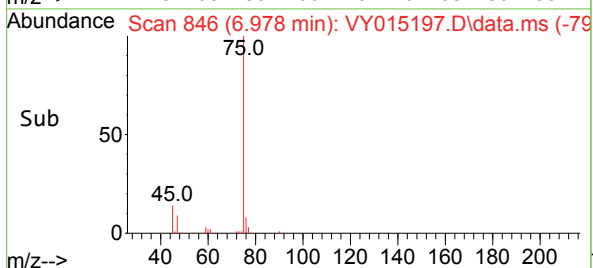
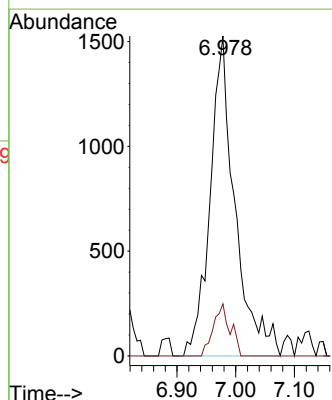
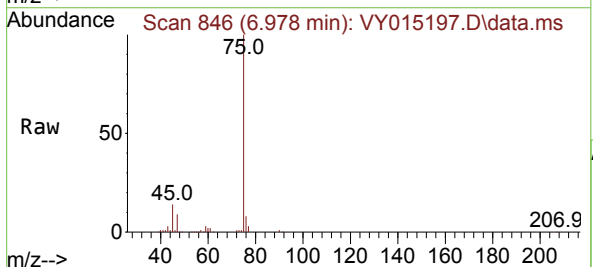


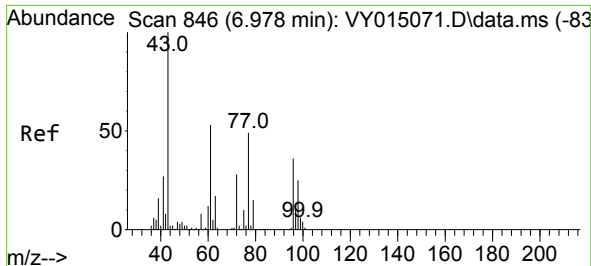
Tgt Ion:	84	Resp:	46194
Ion	Ratio	Lower	Upper
84	100		
49	119.2	106.9	160.3
51	34.8	33.2	49.8
86	66.2	51.0	76.6



#25
2-Butanone
Concen: 4.187 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Tgt Ion:	43	Resp:	4502
Ion	Ratio	Lower	Upper
43	100		
72	16.3	20.5	30.7#





#26

2,2-Dichloropropane

Concen: 1.888 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.000 min

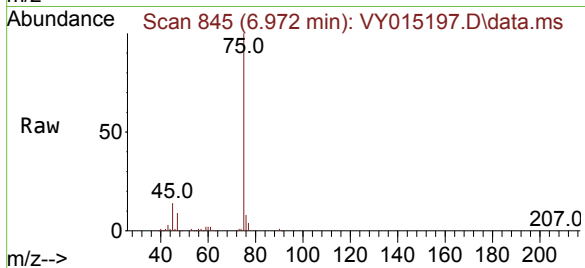
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Acq: 18 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

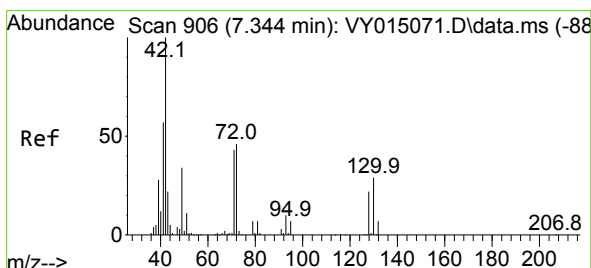
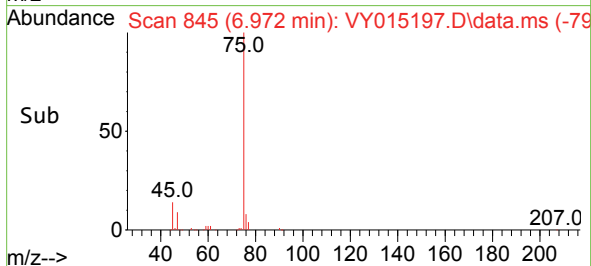
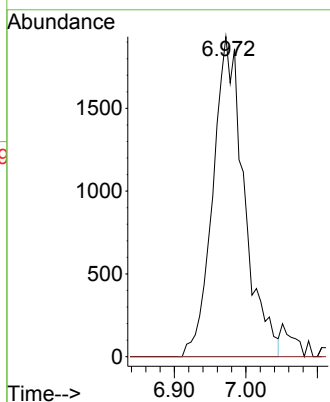


Tgt Ion: 77 Resp: 5873

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#29

Tetrahydrofuran

Concen: 1.086 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY015197.D

Acq: 18 Aug 2023 15:48

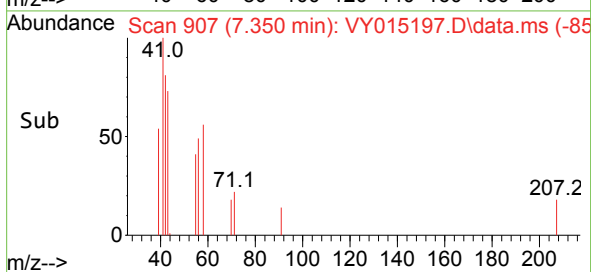
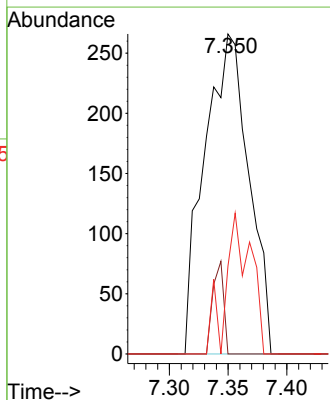
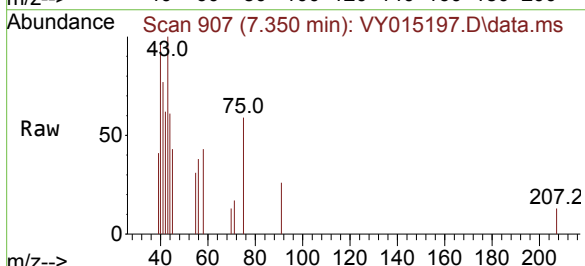
Tgt Ion: 42 Resp: 698

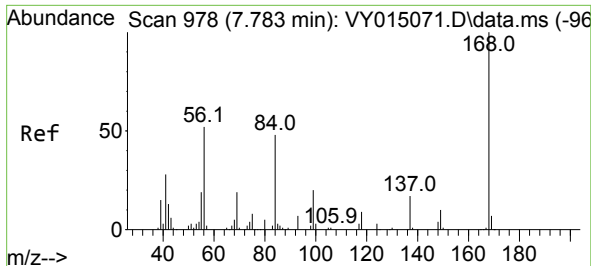
Ion Ratio Lower Upper

42 100

72 7.0 32.8 49.2#

71 25.2 31.0 46.4#

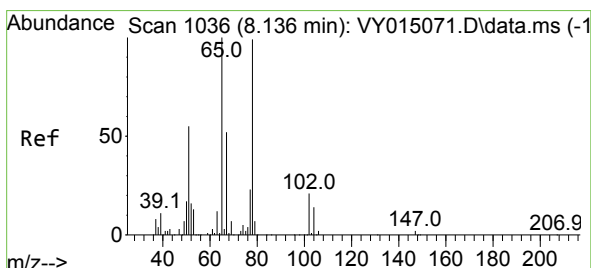
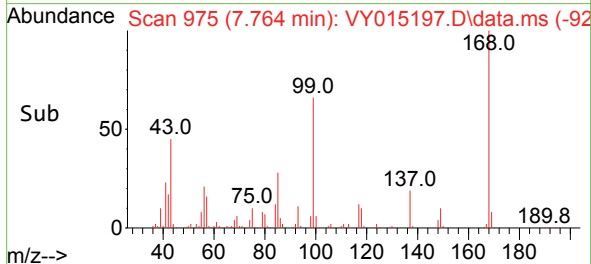
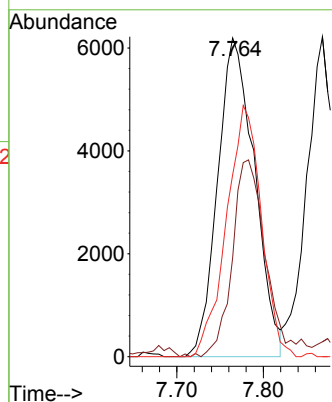
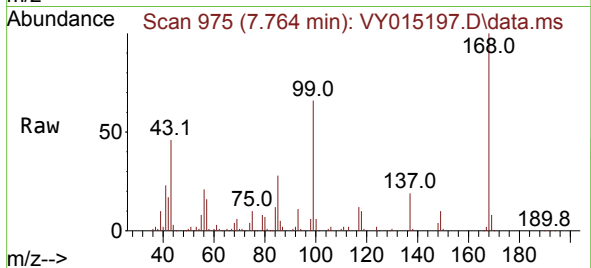




#31
Cyclohexane
Concen: 6.598 ug/l
RT: 7.764 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

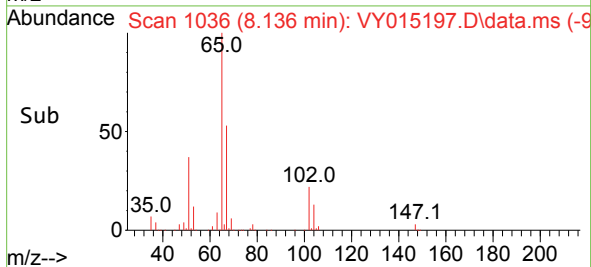
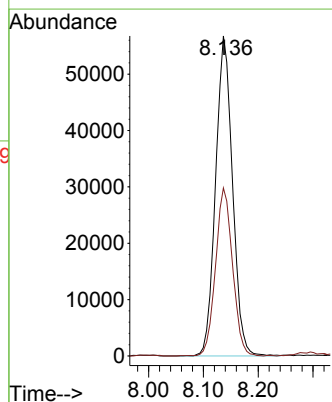
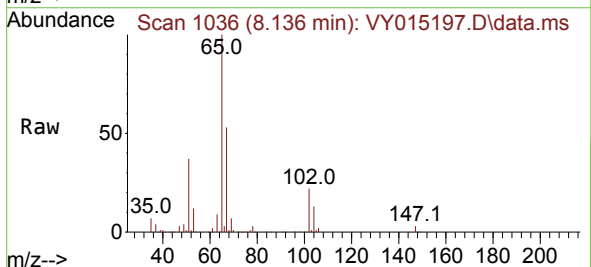
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MSVOA_Y
ClientSampleId :

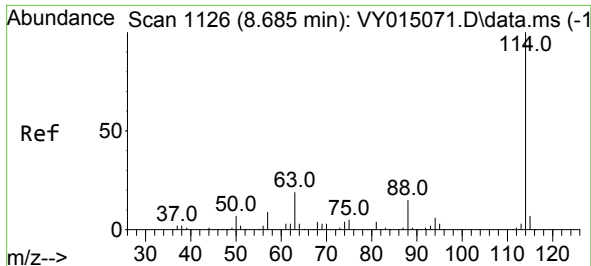
Tgt Ion: 56 Resp: 18302
Ion Ratio Lower Upper
56 100
69 31.1 27.8 41.6
84 57.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 52.355 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Tgt Ion: 65 Resp: 121705
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8

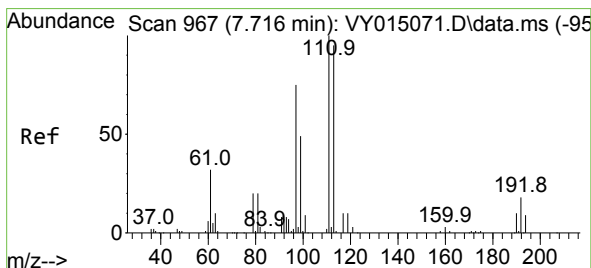
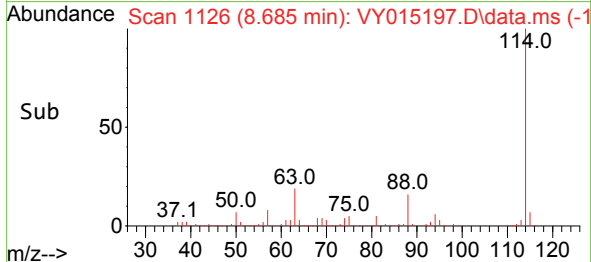
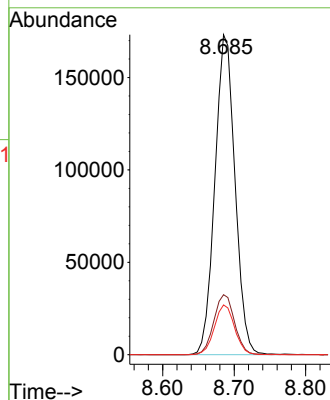
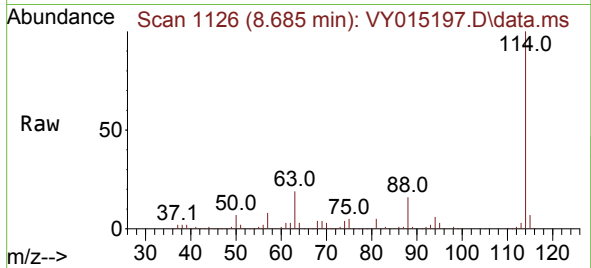




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

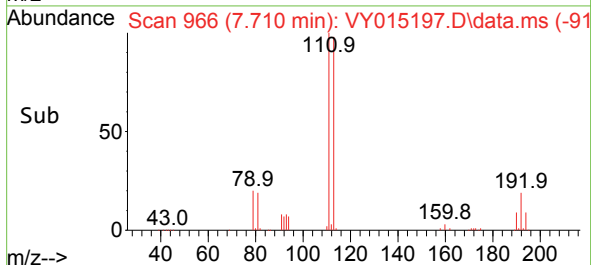
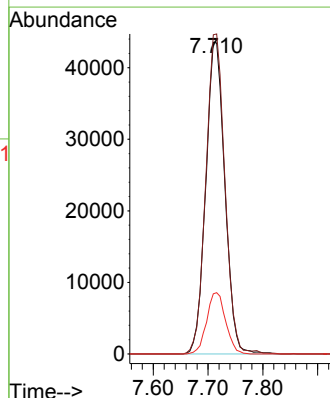
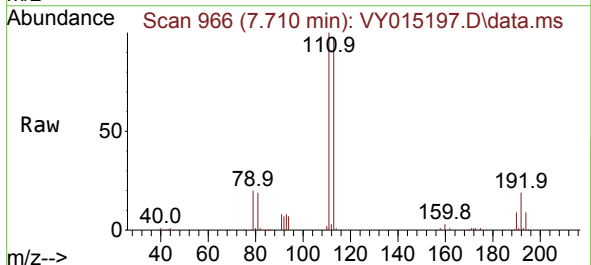
Instrument :
MSVOA_Y
ClientSampleId :

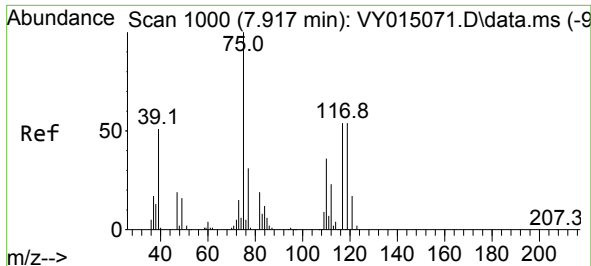
Tgt Ion:114 Resp: 337962
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.345 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

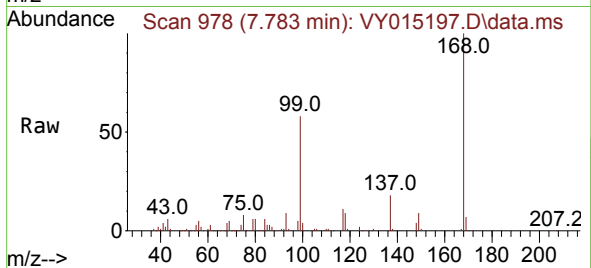
Tgt Ion:113 Resp: 105114
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.5 16.9 25.3



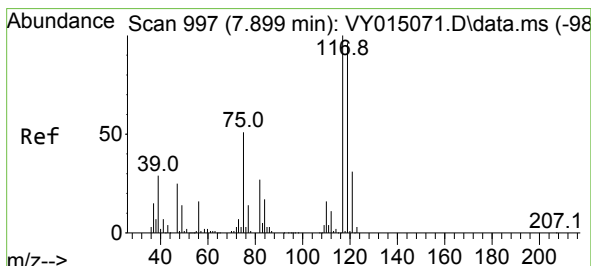
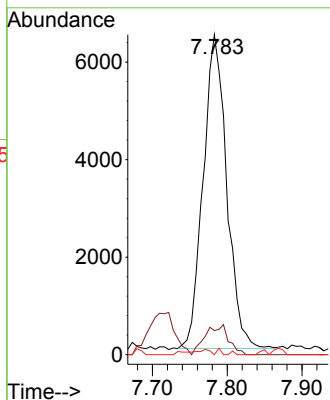
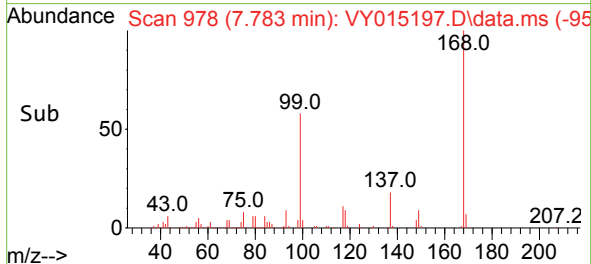


#36
 1,1-Dichloropropene
 Concen: 5.877 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY015197.D
 Acq: 18 Aug 2023 15:48

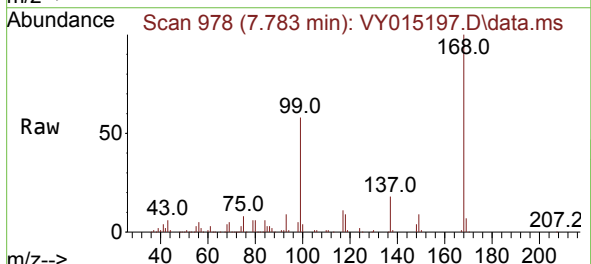
Instrument :
 MSVOA_Y
 ClientSampleId :



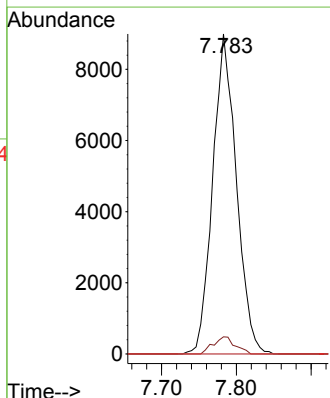
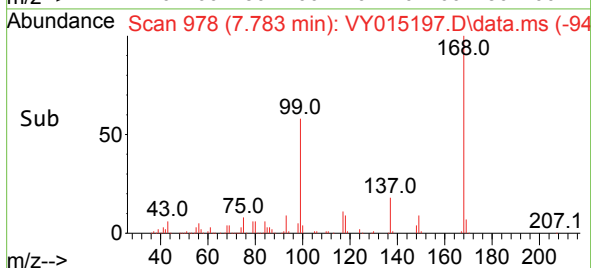
Tgt Ion: 75 Resp: 14136
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.8 53.5#
 77 0.8 24.4 36.6#

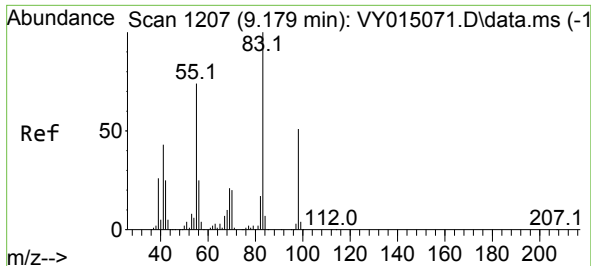


#38
 Carbon Tetrachloride
 Concen: 6.947 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY015197.D
 Acq: 18 Aug 2023 15:48



Tgt Ion: 117 Resp: 19777
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.4 114.6#
 121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 4.413 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015197.D

Acq: 18 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

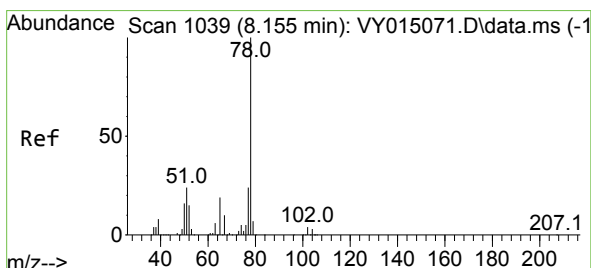
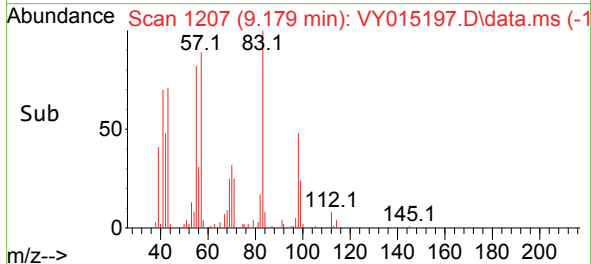
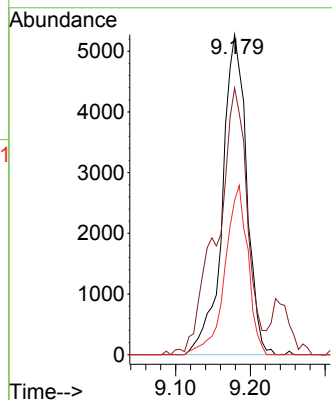
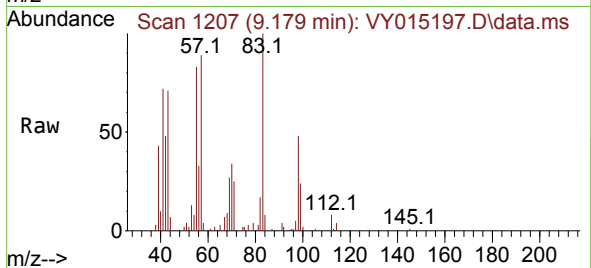
Tgt Ion: 83 Resp: 11900

Ion Ratio Lower Upper

83 100

55 81.6 63.0 94.4

98 48.2 37.4 56.2



#40

Benzene

Concen: 1.355 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015197.D

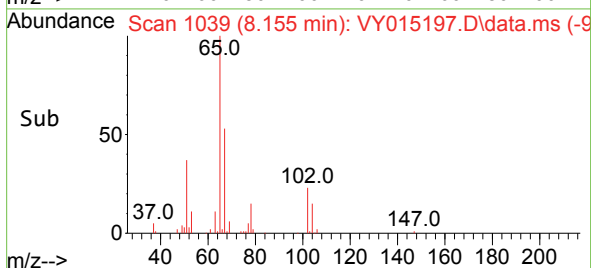
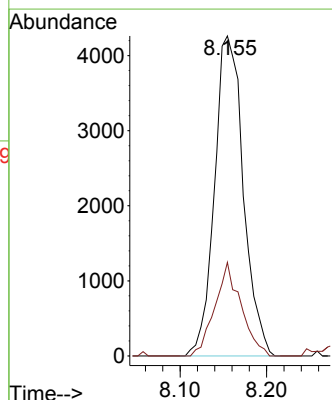
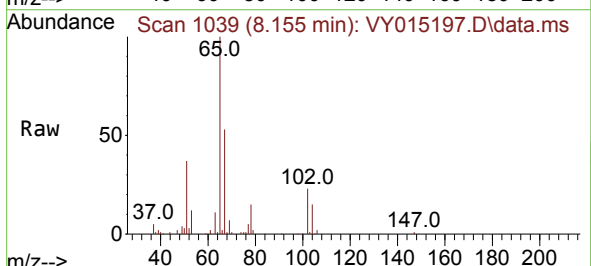
Acq: 18 Aug 2023 15:48

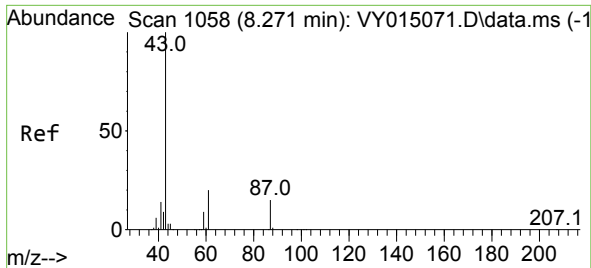
Tgt Ion: 78 Resp: 9853

Ion Ratio Lower Upper

78 100

77 29.3 19.0 28.6#

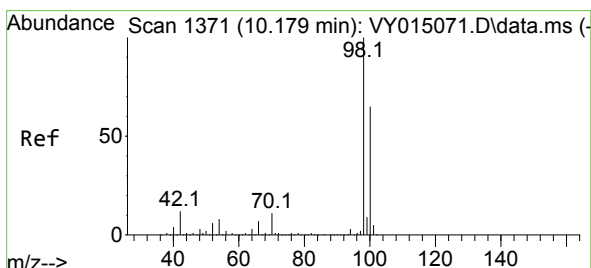
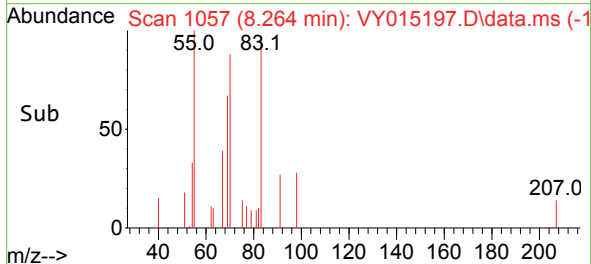
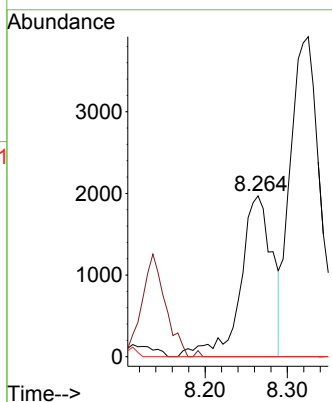
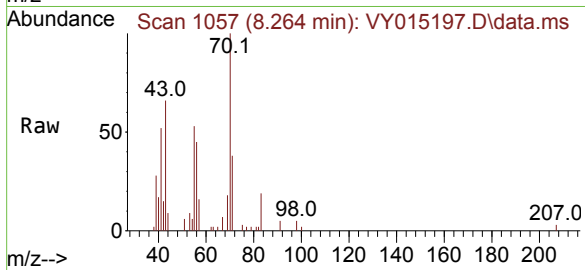




#43
Isopropyl Acetate
Concen: 1.290 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

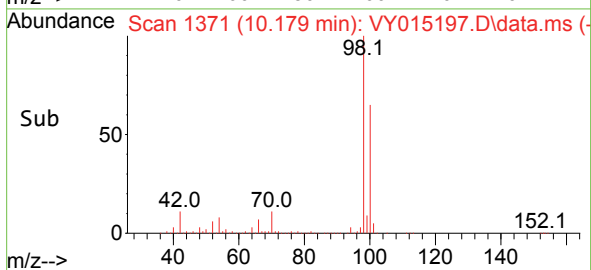
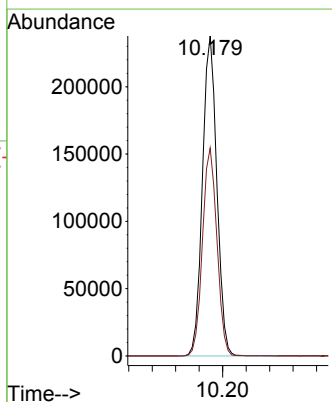
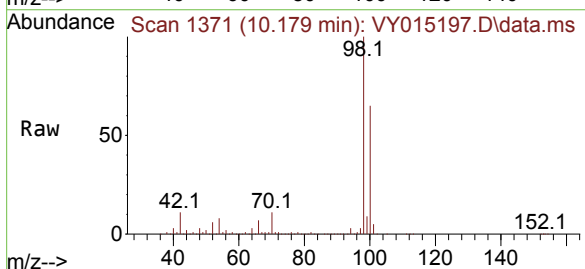
Instrument :
MSVOA_Y
ClientSampleId :

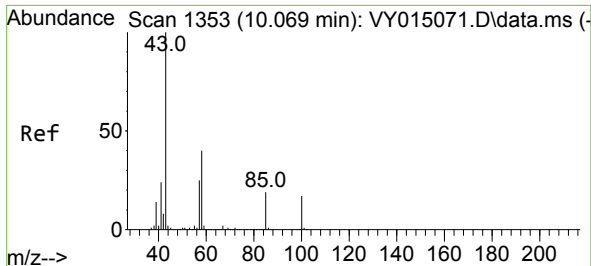
Tgt Ion: 43 Resp: 5266
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 49.989 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Tgt Ion: 98 Resp: 404598
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

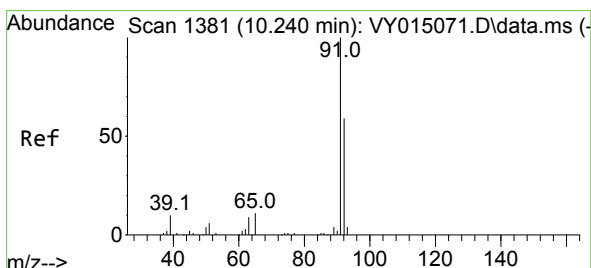
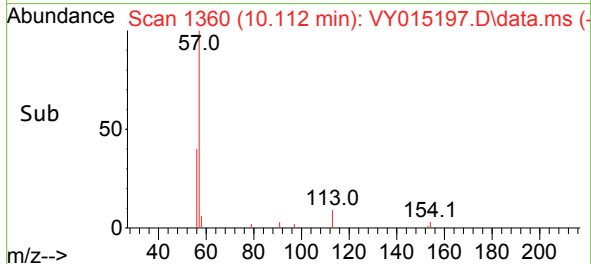
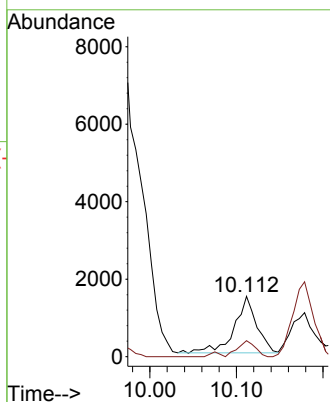
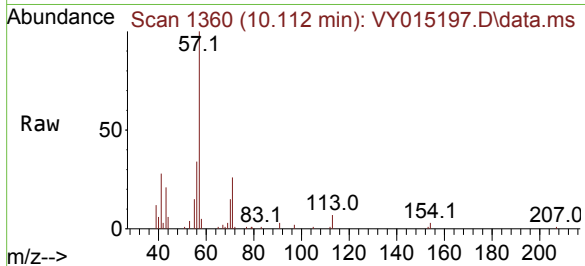




#51
4-Methyl-2-Pentanone
Concen: 1.099 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.043 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

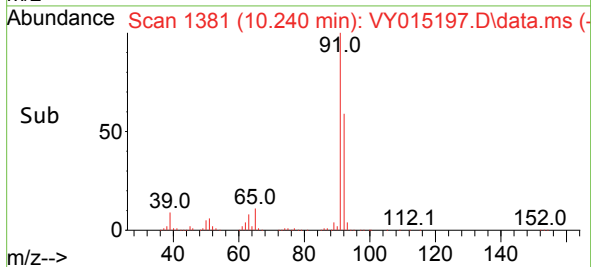
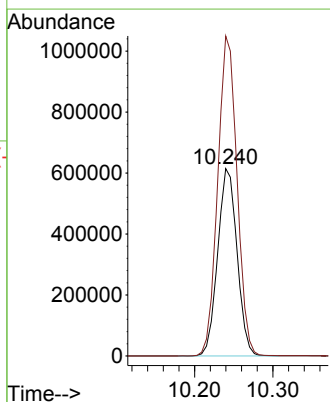
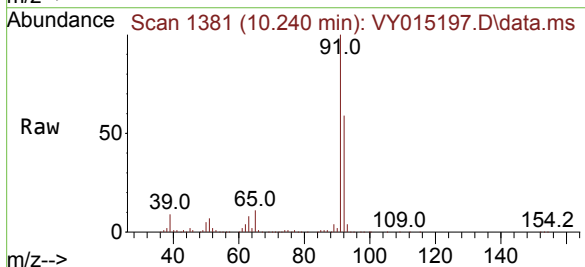
Instrument :
MSVOA_Y
ClientSampleId :

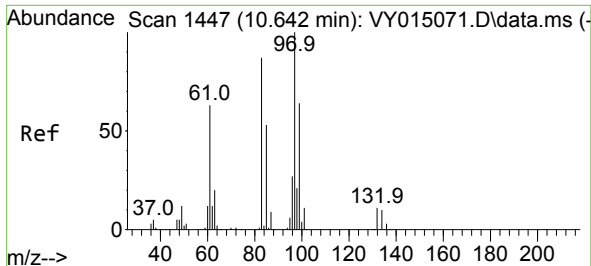
Tgt Ion: 43 Resp: 2601
Ion Ratio Lower Upper
43 100
58 22.1 29.0 43.6#



#52
Toluene
Concen: 220.276 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

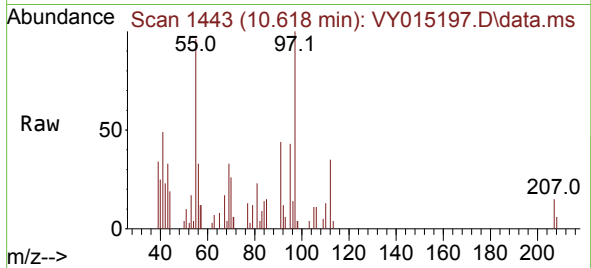
Tgt Ion: 92 Resp: 1055847
Ion Ratio Lower Upper
92 100
91 170.8 143.8 215.6



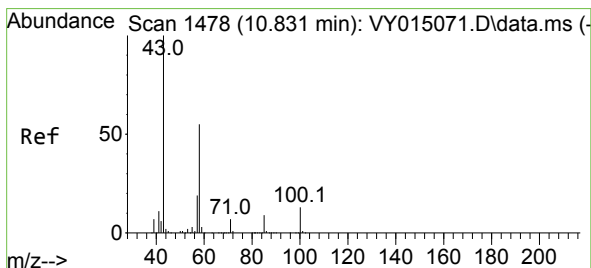
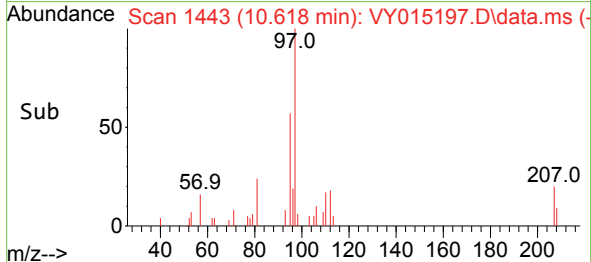
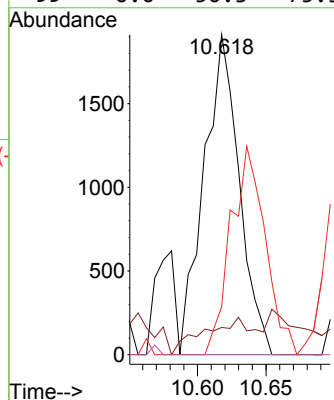


#55
1,1,2-Trichloroethane
Concen: 1.742 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Instrument :
MSVOA_Y
ClientSampleId :

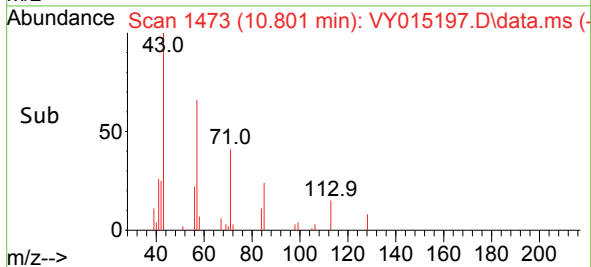
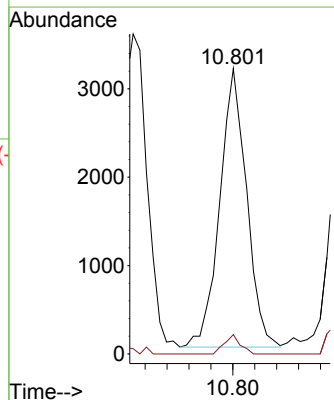
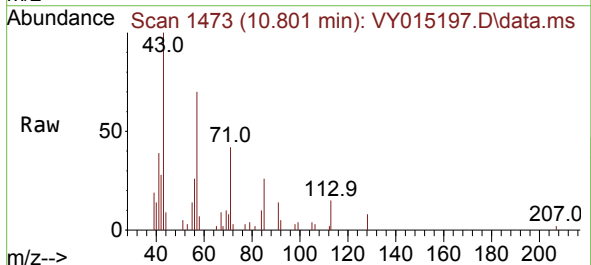


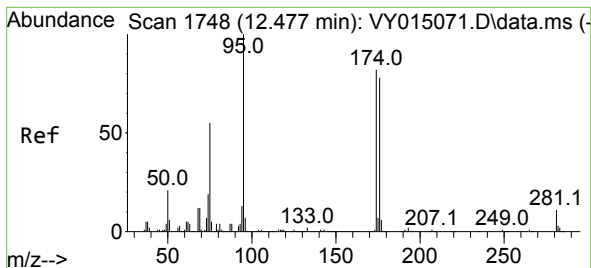
Tgt Ion: 97	Resp: 3425
Ion Ratio	Lower Upper
97 100	
83 4.3	72.0 108.0#
85 15.0	45.4 68.0#
99 0.0	50.3 75.5#



#59
2-Hexanone
Concen: 3.068 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Tgt Ion: 43	Resp: 5373
Ion Ratio	Lower Upper
43 100	
58 4.1	25.1 75.3#

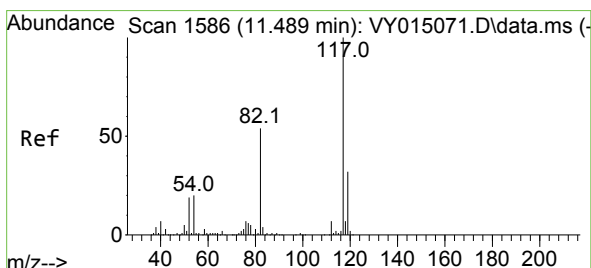
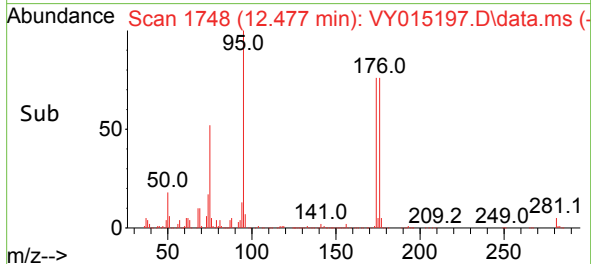
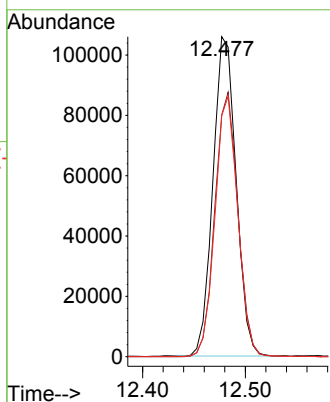
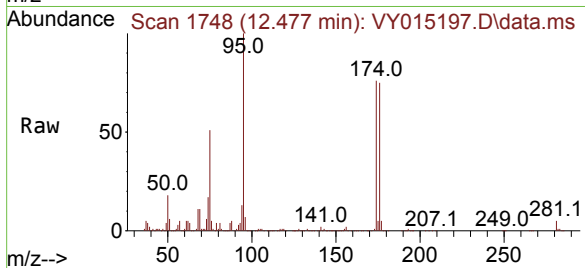




#62
4-Bromofluorobenzene
Concen: 55.958 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

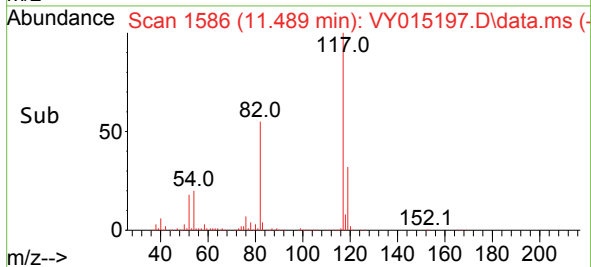
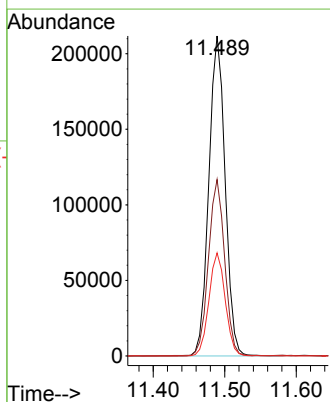
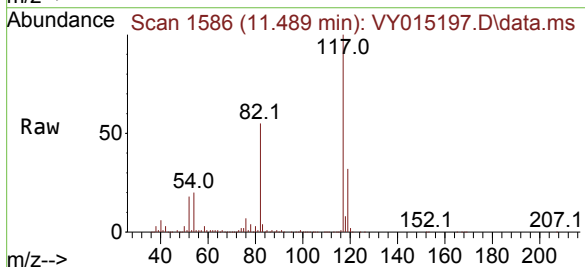
Instrument :
MSVOA_Y
ClientSampleId :

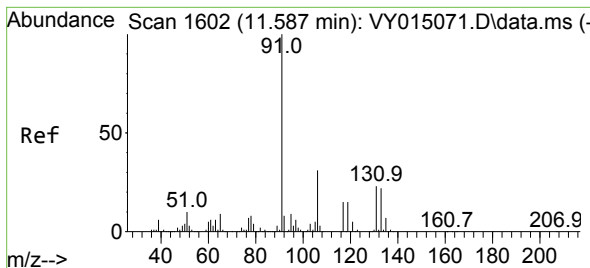
Tgt Ion: 95 Resp: 165424
Ion Ratio Lower Upper
95 100
174 82.2 0.0 178.2
176 80.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Tgt Ion: 117 Resp: 334916
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 32.2 26.3 39.5





#67

Ethyl Benzene

Concen: 55.477 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015197.D

Acq: 18 Aug 2023 15:48

Instrument :

MSVOA_Y

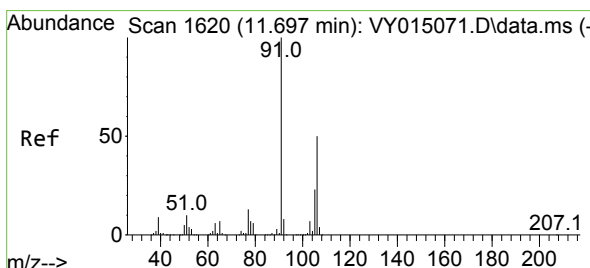
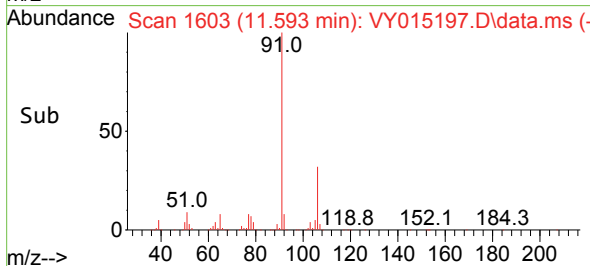
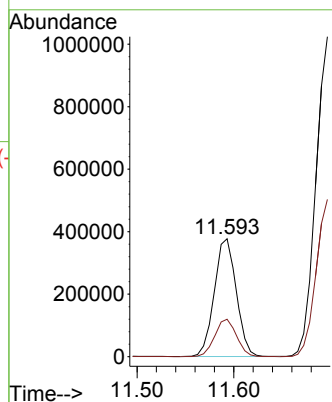
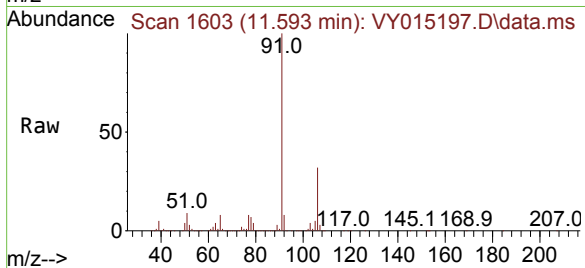
ClientSampleId :

Tgt Ion: 91 Resp: 593142

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 220.435 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY015197.D

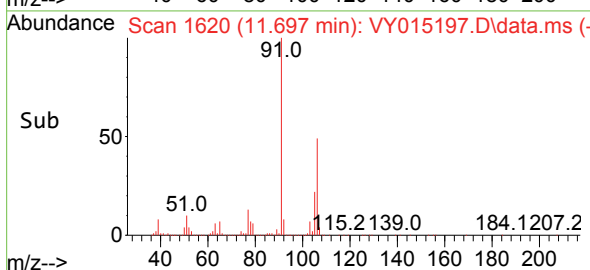
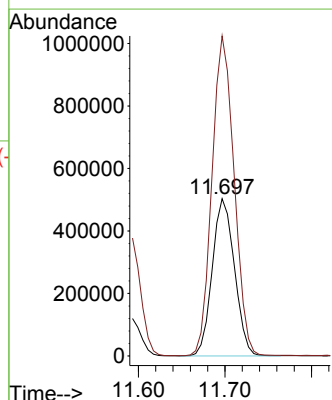
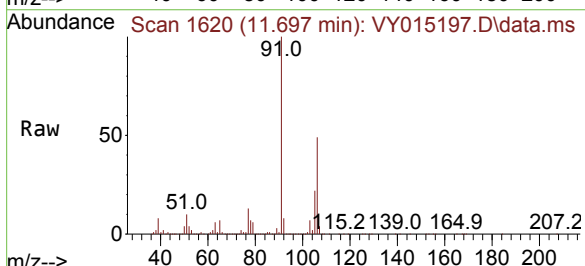
Acq: 18 Aug 2023 15:48

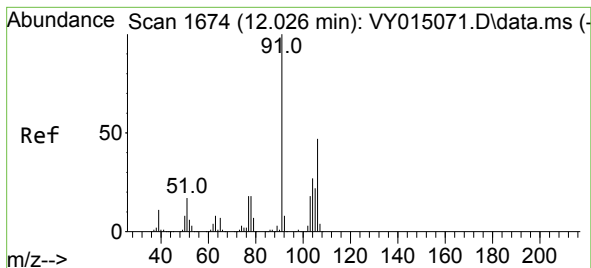
Tgt Ion:106 Resp: 895123

Ion Ratio Lower Upper

106 100

91 202.9 166.1 249.1





#69

o-Xylene

Concen: 92.695 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015197.D

Acq: 18 Aug 2023 15:48

Instrument :

MSVOA_Y

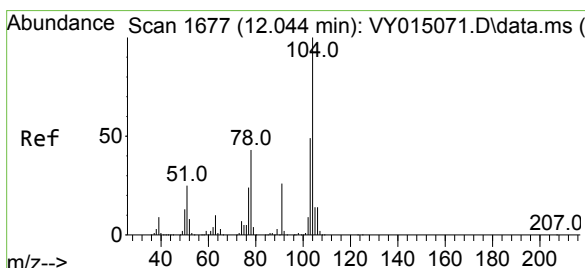
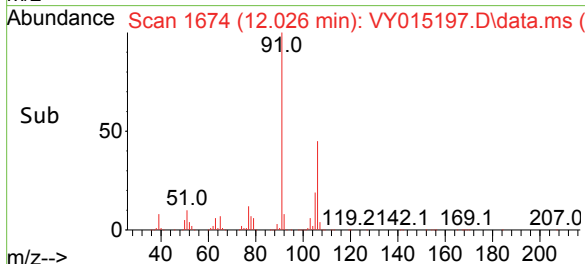
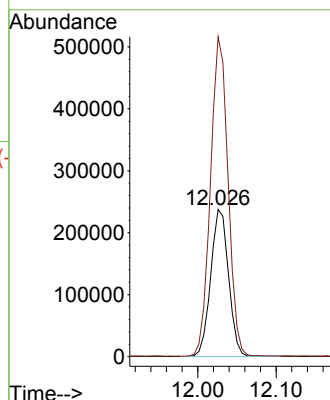
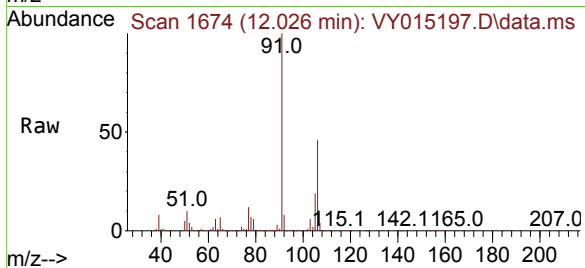
ClientSampleId :

Tgt Ion:106 Resp: 374973

Ion Ratio Lower Upper

106 100

91 214.1 108.1 324.3



#70

Styrene

Concen: 2.725 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.018 min

Lab File: VY015197.D

Acq: 18 Aug 2023 15:48

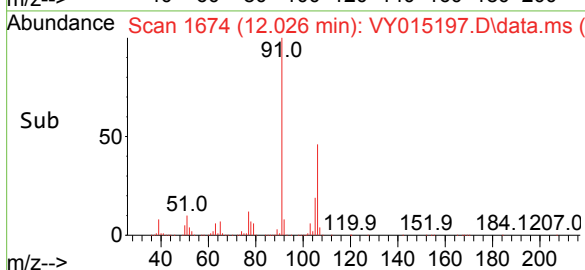
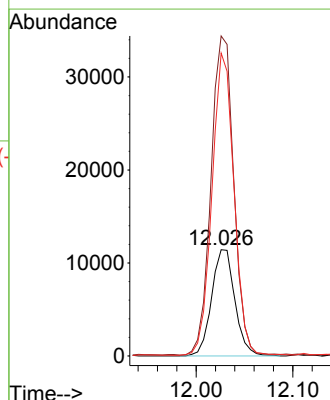
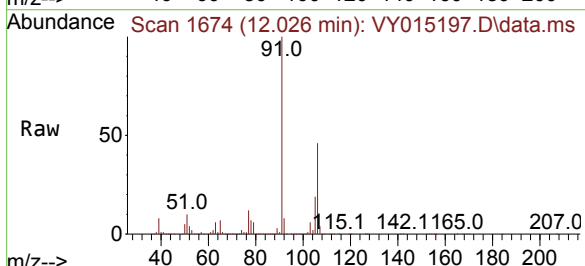
Tgt Ion:104 Resp: 19078

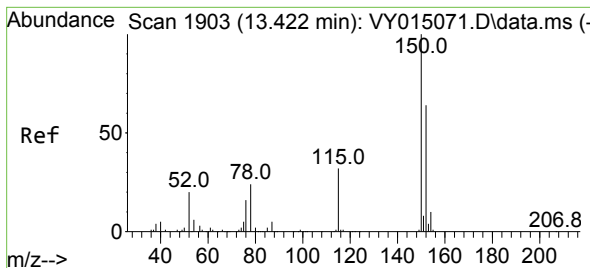
Ion Ratio Lower Upper

104 100

78 293.3 41.5 62.3#

103 268.9 44.6 67.0#

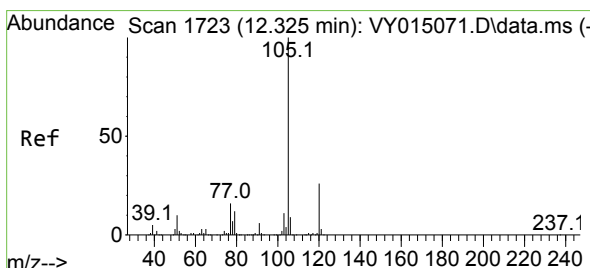
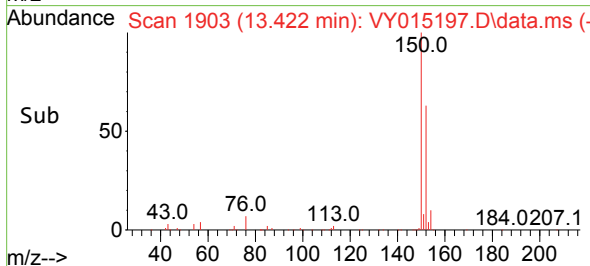
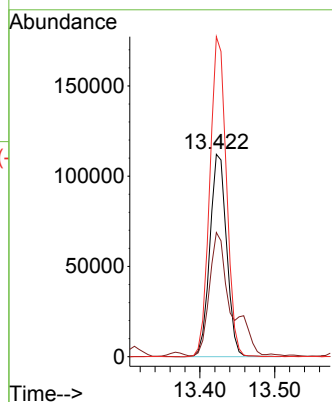
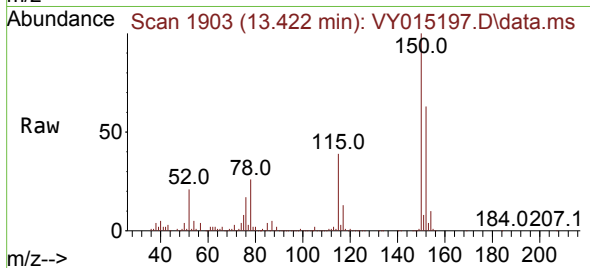




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015197.D
 Acq: 18 Aug 2023 15:48

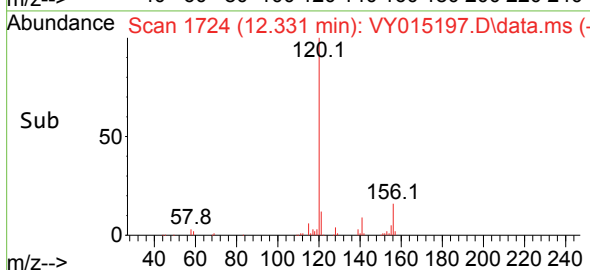
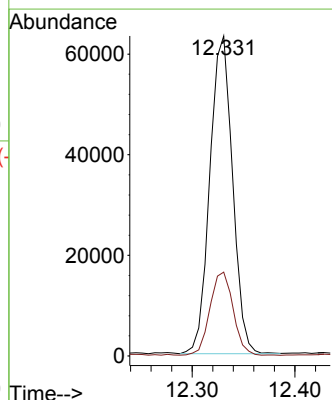
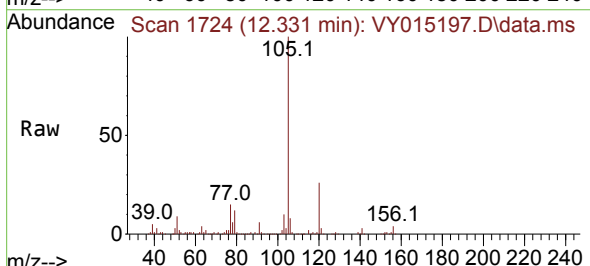
Instrument :
 MSVOA_Y
 ClientSampleId :

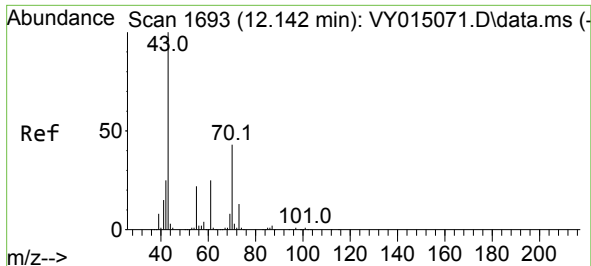
Tgt Ion:152 Resp: 174655
 Ion Ratio Lower Upper
 152 100
 115 78.1 28.8 86.5
 150 156.4 0.0 348.8



#73
 Isopropylbenzene
 Concen: 8.621 ug/l
 RT: 12.331 min Scan# 1724
 Delta R.T. 0.006 min
 Lab File: VY015197.D
 Acq: 18 Aug 2023 15:48

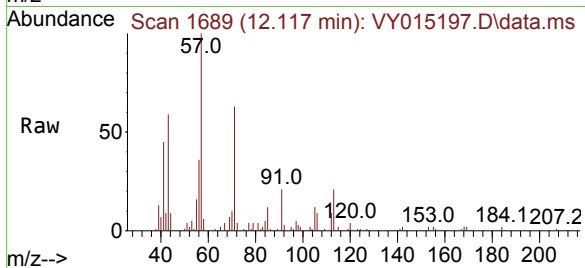
Tgt Ion:105 Resp: 96818
 Ion Ratio Lower Upper
 105 100
 120 26.8 13.3 39.9



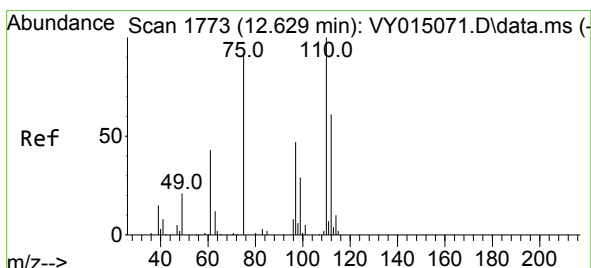
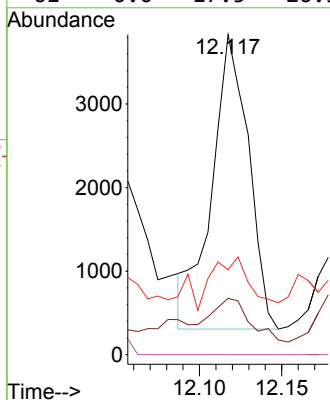
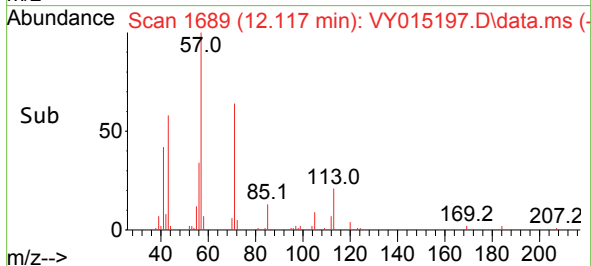


#74
N-amy1 acetate
Concen: 1.357 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.024 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Instrument :
MSVOA_Y
ClientSampleId :

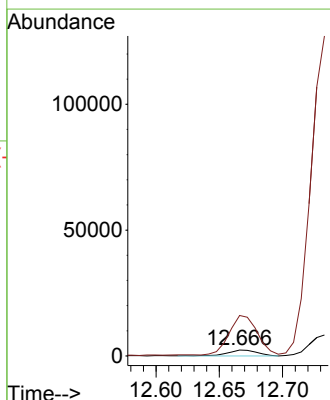
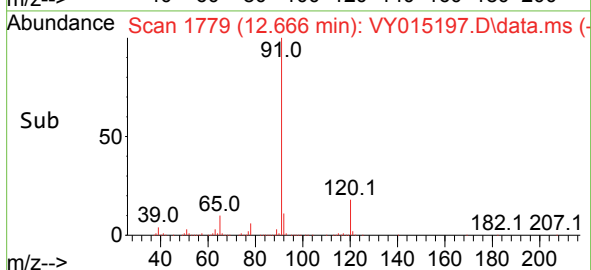
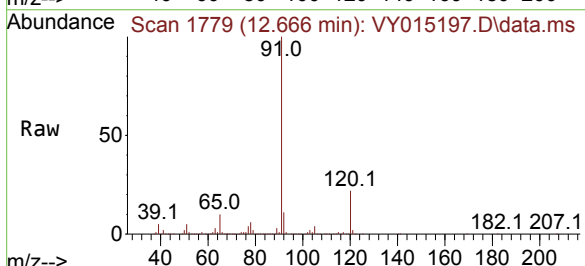


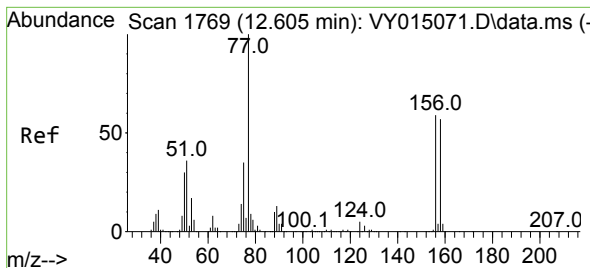
Tgt Ion: 43	Resp: 5504
Ion Ratio	Lower Upper
43	100
70	16.6 29.7 44.5#
55	18.7 18.3 27.5
61	0.0 17.5 26.3#



#76
1,2,3-Trichloropropane
Concen: 1.831 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.037 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Tgt Ion: 75	Resp: 3886
Ion Ratio	Lower Upper
75	100
77	631.3 0.0 0.0#





#77

Bromobenzene

Concen: 1.448 ug/l

RT: 12.349 min Scan# 1727

Delta R.T. -0.256 min

Lab File: VY015197.D

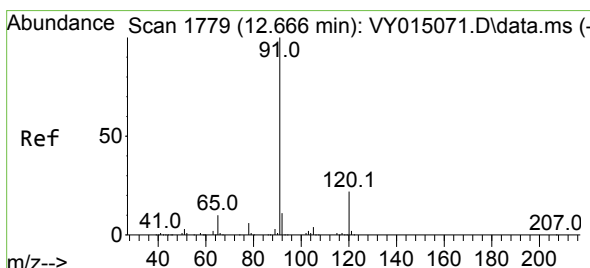
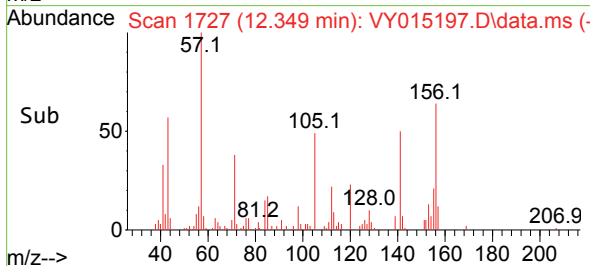
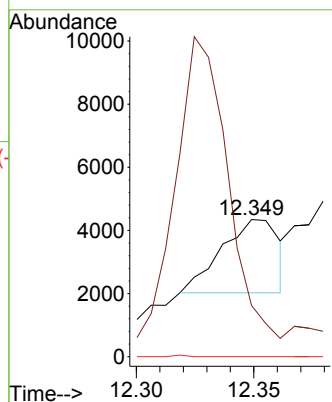
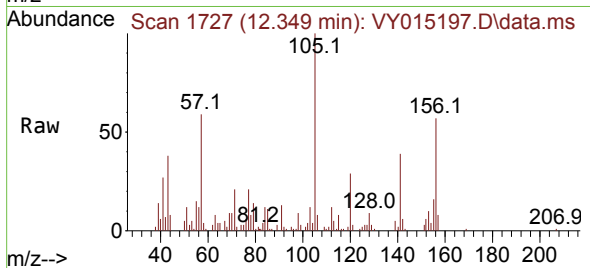
Acq: 18 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	3963
Ion Ratio	Lower	Upper	
156	100		
77	0.0	92.8	278.6#
158	0.0	48.4	145.3#



#78

n-propylbenzene

Concen: 43.917 ug/l

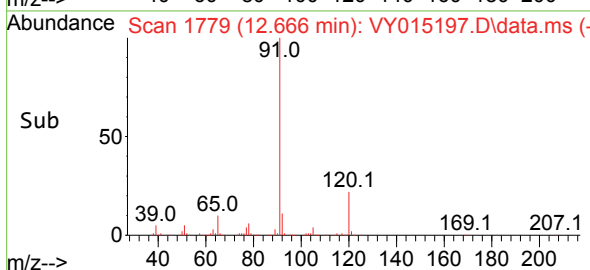
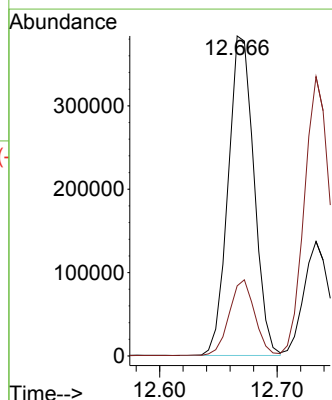
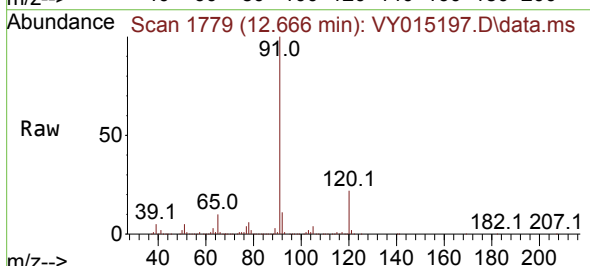
RT: 12.666 min Scan# 1779

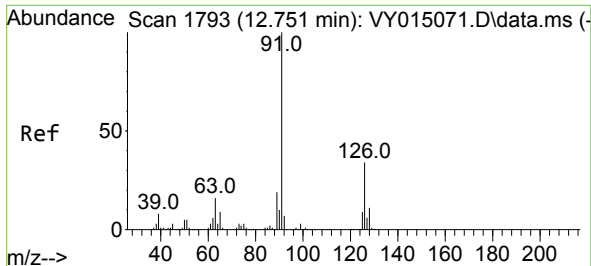
Delta R.T. 0.000 min

Lab File: VY015197.D

Acq: 18 Aug 2023 15:48

Tgt Ion:	91	Resp:	585708
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.5	34.4

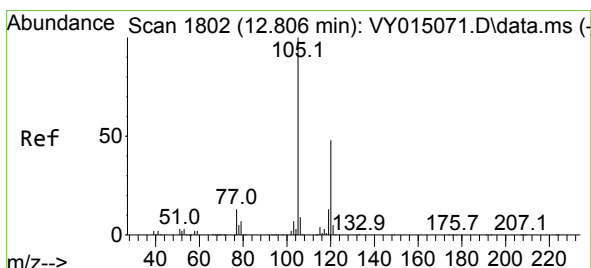
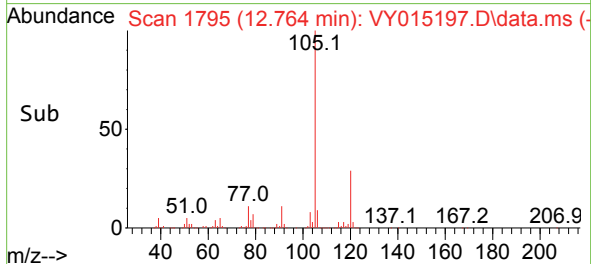
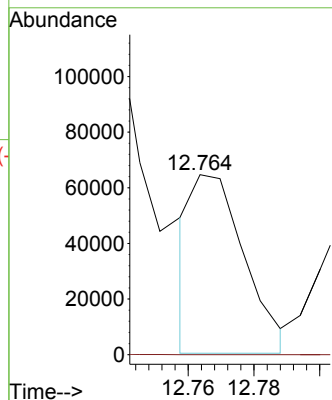
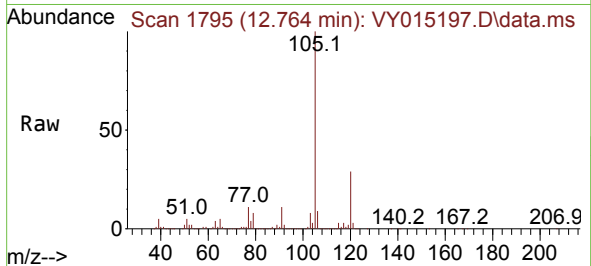




#79
2-Chlorotoluene
Concen: 9.228 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

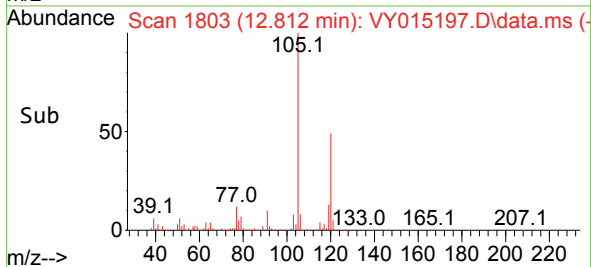
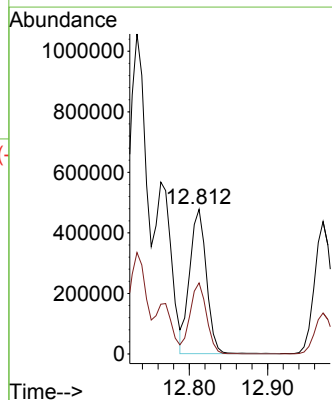
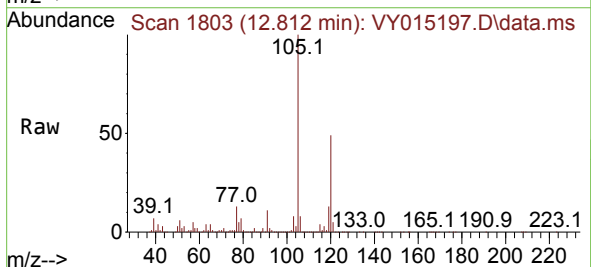
Instrument :
MSVOA_Y
ClientSampleId :

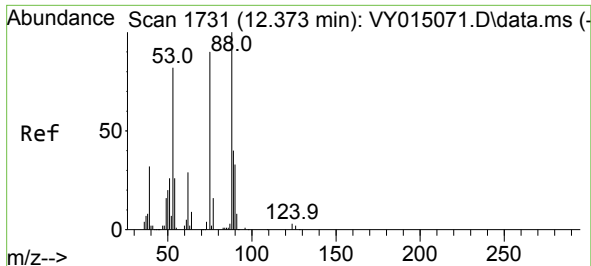
Tgt Ion: 91 Resp: 70995
Ion Ratio Lower Upper
91 100
126 0.1 17.3 51.7#



#80
1,3,5-Trimethylbenzene
Concen: 75.494 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Tgt Ion: 105 Resp: 706761
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7

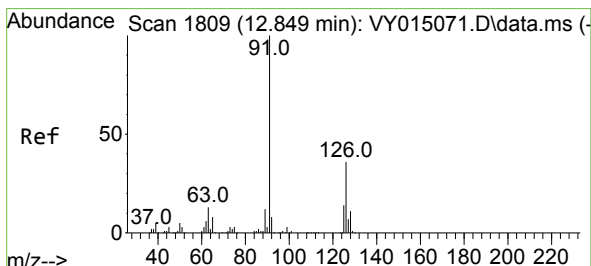
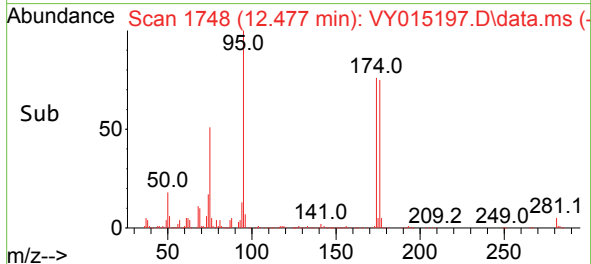
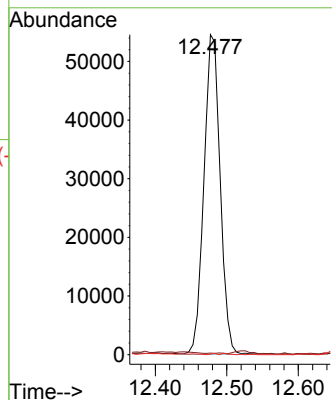
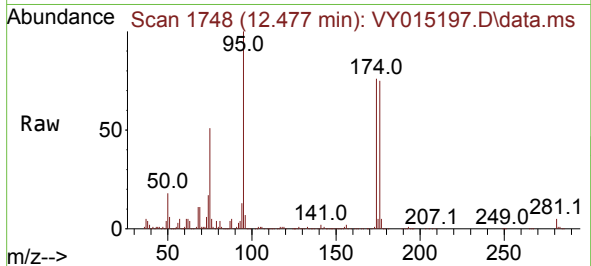




#81
trans-1,4-Dichloro-2-butene
Concen: 89.050 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

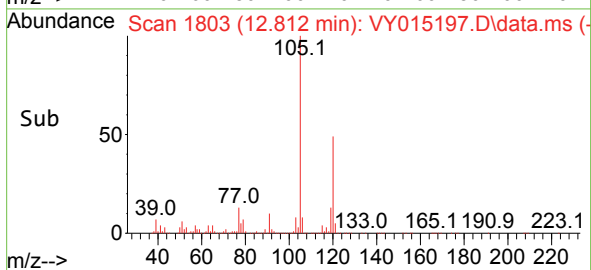
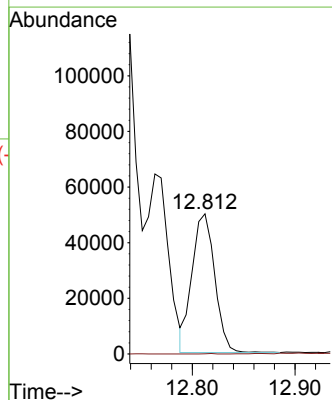
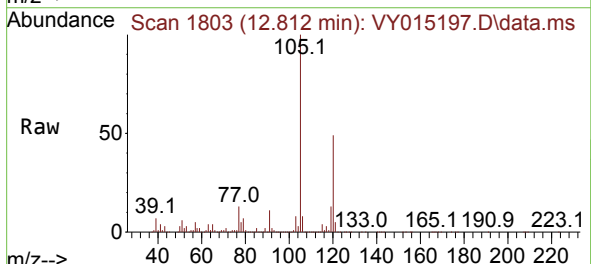
Instrument :
MSVOA_Y
ClientSampleId :

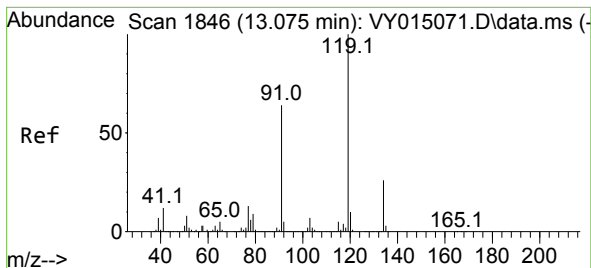
Tgt Ion: 75 Resp: 86027
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#82
4-Chlorotoluene
Concen: 9.662 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY015197.D
Acq: 18 Aug 2023 15:48

Tgt Ion: 91 Resp: 76798
Ion Ratio Lower Upper
91 100
126 0.1 17.2 51.6#





#83

tert-Butylbenzene

Concen: 45.629 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.043 min

Lab File: VY015197.D

Acq: 18 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

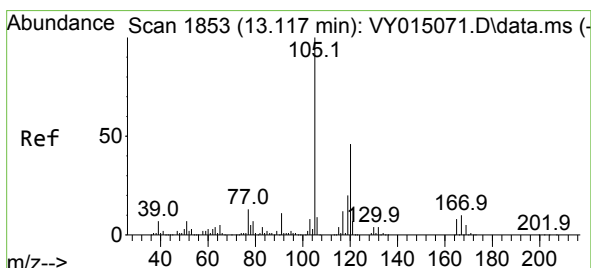
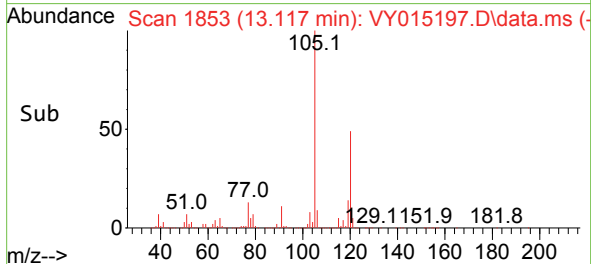
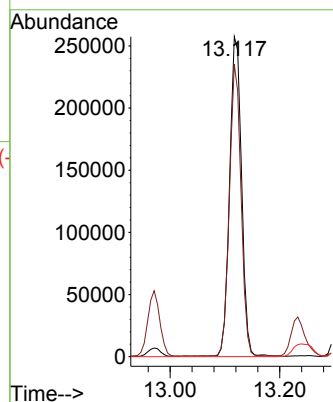
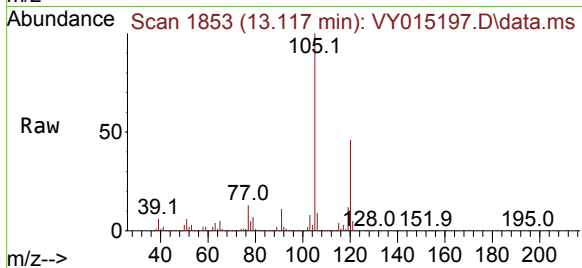
Tgt Ion:119 Resp: 390718

Ion Ratio Lower Upper

119 100

91 88.4 32.9 98.6

134 0.0 13.0 38.9#



#84

1,2,4-Trimethylbenzene

Concen: 340.486 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015197.D

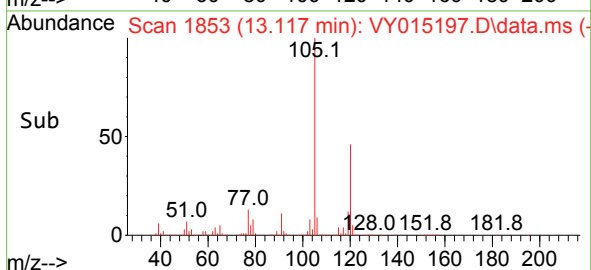
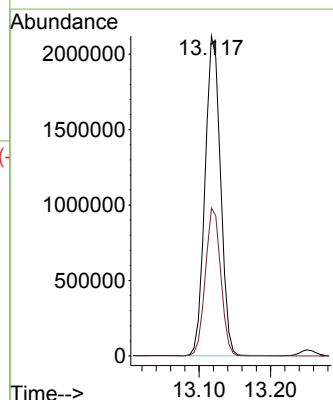
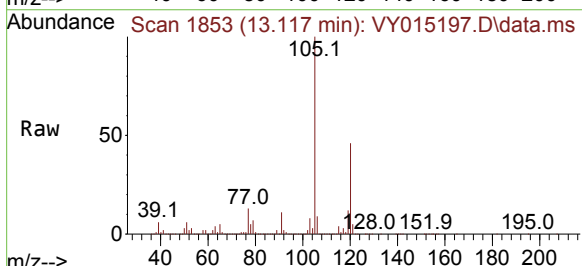
Acq: 18 Aug 2023 15:48

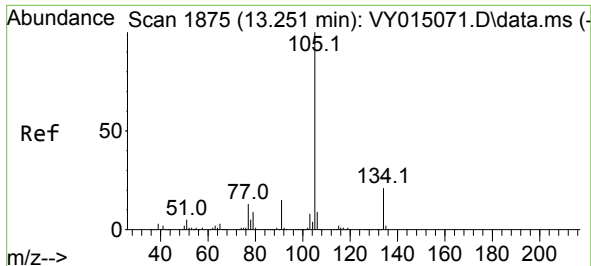
Tgt Ion:105 Resp: 3185170

Ion Ratio Lower Upper

105 100

120 46.1 22.2 66.6

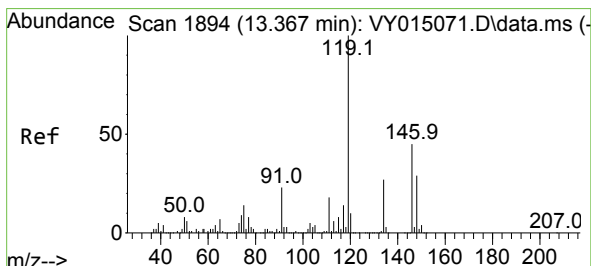
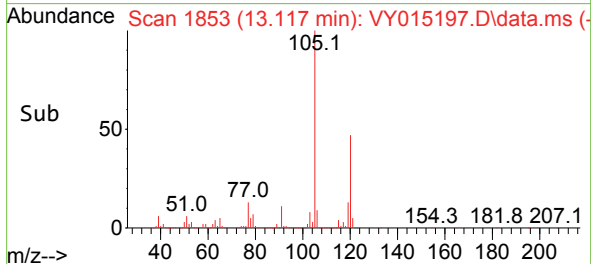
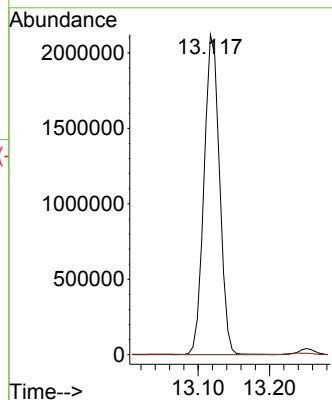
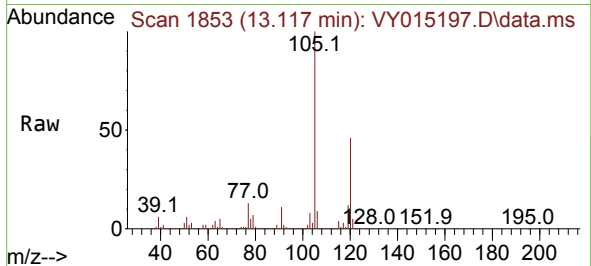




#85
 sec-Butylbenzene
 Concen: 253.870 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.134 min
 Lab File: VY015197.D
 Acq: 18 Aug 2023 15:48

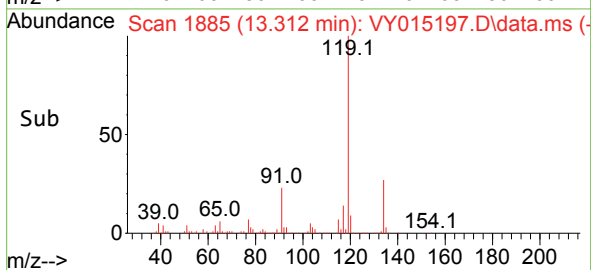
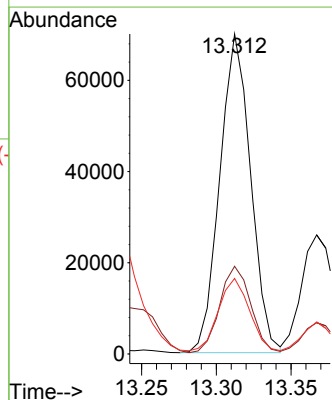
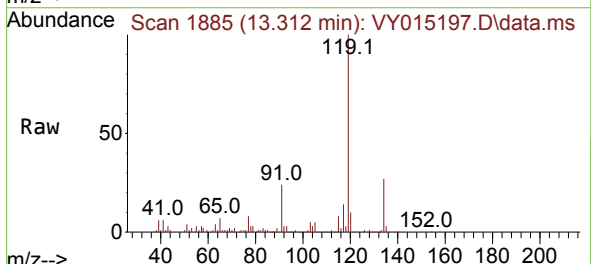
Instrument :
 MSVOA_Y
 ClientSampleId :

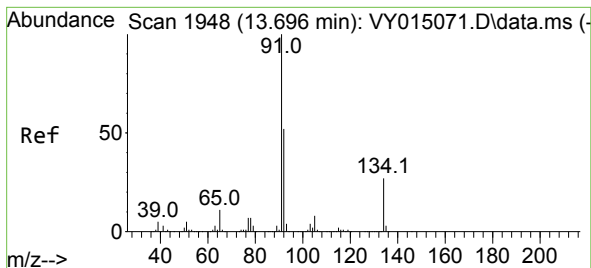
Tgt Ion:105 Resp: 3185170
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6#



#86
 p-Isopropyltoluene
 Concen: 9.628 ug/l
 RT: 13.312 min Scan# 1885
 Delta R.T. -0.055 min
 Lab File: VY015197.D
 Acq: 18 Aug 2023 15:48

Tgt Ion:119 Resp: 100156
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.3 39.8
 91 22.5 12.4 37.4





#89

n-Butylbenzene

Concen: 16.912 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015197.D

Acq: 18 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

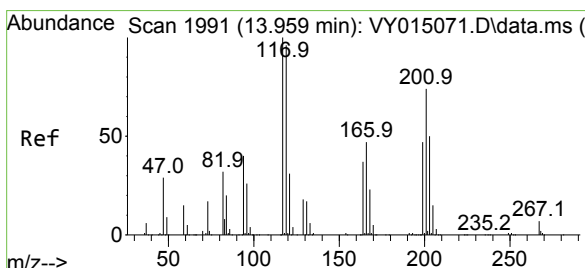
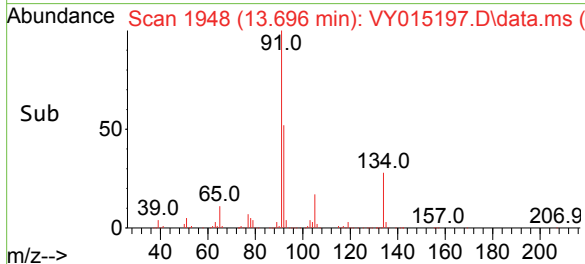
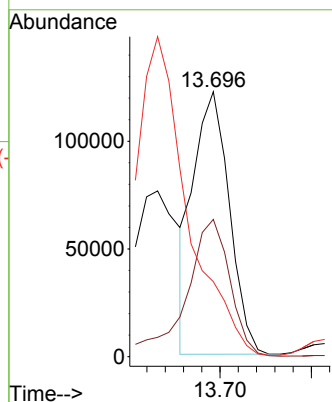
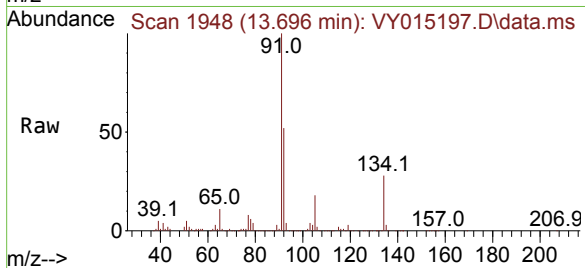
Tgt Ion: 91 Resp: 165871

Ion Ratio Lower Upper

91 100

92 63.2 25.4 76.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 31.139 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY015197.D

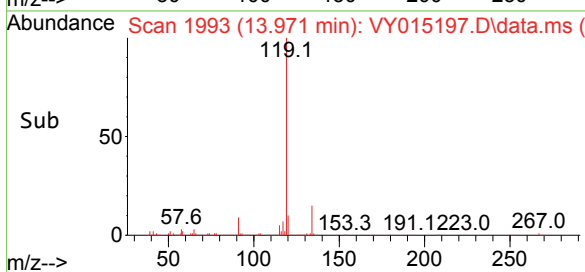
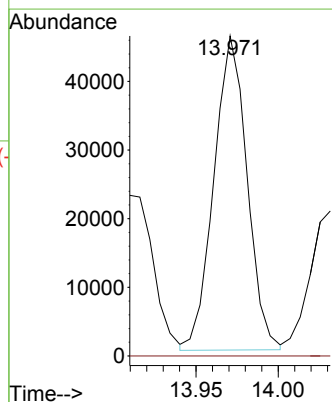
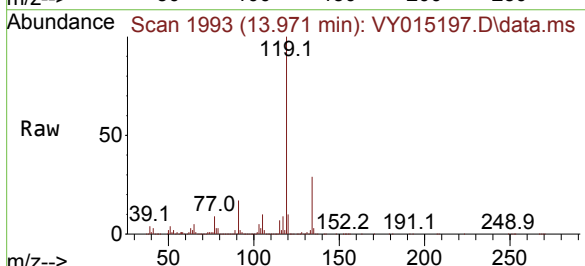
Acq: 18 Aug 2023 15:48

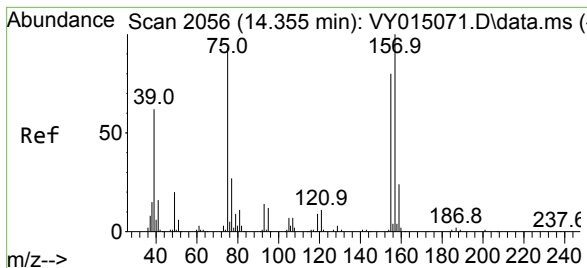
Tgt Ion: 117 Resp: 64260

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#

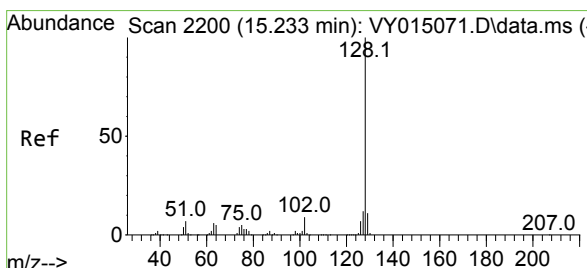
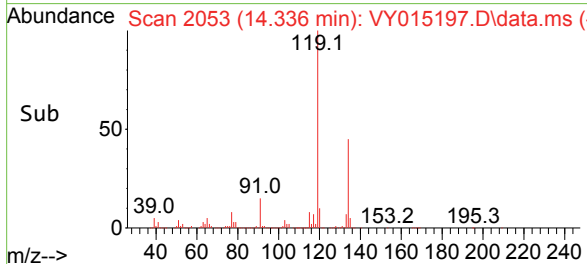
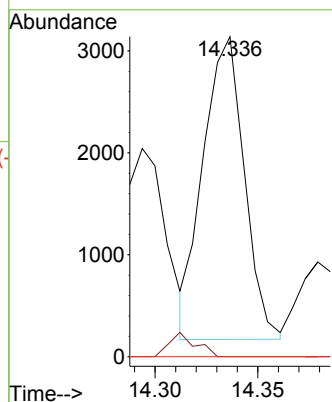
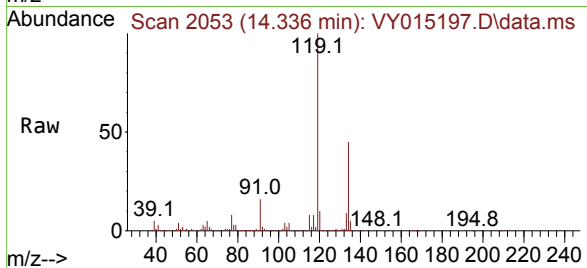




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.292 ug/l
 RT: 14.336 min Scan# 2053
 Delta R.T. -0.018 min
 Lab File: VY015197.D
 Acq: 18 Aug 2023 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 4132
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.5 124.6#
 157 0.0 51.8 155.5#



#95
 Naphthalene
 Concen: 196.573 ug/l
 RT: 15.233 min Scan# 2200
 Delta R.T. 0.000 min
 Lab File: VY015197.D
 Acq: 18 Aug 2023 15:48

Tgt Ion: 128 Resp: 1594624
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.8 16.2
 129 10.9 8.6 13.0

