

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015199.D
 Acq On : 18 Aug 2023 16:35
 Operator : SY/MD
 Sample : 04086-11
 Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 23:12:34 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	7.783	168	119351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73805	51.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.020%	
35) Dibromofluoromethane	7.716	113	63976	48.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.160%	
50) Toluene-d8	10.179	98	247026	49.870	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.483	95	98801	54.610	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	94	Below Cal	#	43
3) Chloromethane	2.107	50	286	Below Cal	#	43
5) Bromomethane	2.650	94	194	Below Cal		85
11) Tert butyl alcohol	4.960	59	1260	Below Cal	#	89
13) Acrolein	3.741	56	19	Below Cal	#	14
16) Acetone	3.948	43	1321	2.822	ug/l	93
20) Methylene Chloride	4.704	84	24806	19.467	ug/l	90
25) 2-Butanone	6.972	43	2135	3.222	ug/l #	80
26) 2,2-Dichloropropane	6.972	77	3132	1.633	ug/l #	54
29) Tetrahydrofuran	7.356	42	1022	2.579	ug/l #	48
31) Cyclohexane	7.777	56	7456	3.449	ug/l #	59
36) 1,1-Dichloropropene	7.783	75	9147	6.214	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12484	7.166	ug/l #	15
39) Methylcyclohexane	9.179	83	5178	3.138	ug/l	97
41) Methacrylonitrile	7.350	41	1459	2.062	ug/l #	39
52) Toluene	10.240	92	106775	36.398	ug/l	95
67) Ethyl Benzene	11.593	91	116482	18.065	ug/l	98
68) m/p-Xylenes	11.697	106	189212	77.263	ug/l	97
69) o-Xylene	12.026	106	108864	44.624	ug/l	99
70) Styrene	12.032	104	5447	1.290	ug/l #	1
73) Isopropylbenzene	12.331	105	27646	4.036	ug/l	98
76) 1,2,3-Trichloropropane	12.733	75	3734	2.885	ug/l #	100
77) Bromobenzene	12.386	156	7134	4.273	ug/l #	1
78) n-propylbenzene	12.672	91	144388	17.752	ug/l	98
79) 2-Chlorotoluene	12.733	91	48153	10.263	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.812	105	189932	33.267	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.477	75	52775	89.577	ug/l #	11
82) 4-Chlorotoluene	12.812	91	19985	4.123	ug/l #	40
83) tert-Butylbenzene	13.117	119	94664	18.127	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.117	105	779400	136.615	ug/l	98
85) sec-Butylbenzene	13.117	105	779400	101.861	ug/l #	56
86) p-Isopropyltoluene	13.312	119	24702	3.894	ug/l	95
89) n-Butylbenzene	13.696	91	38750	6.478	ug/l #	70
90) Hexachloroethane	13.971	117	14597	11.599	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.337	75	1071	3.099	ug/l #	3
95) Naphthalene	15.233	128	261064	52.769	ug/l	99

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QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

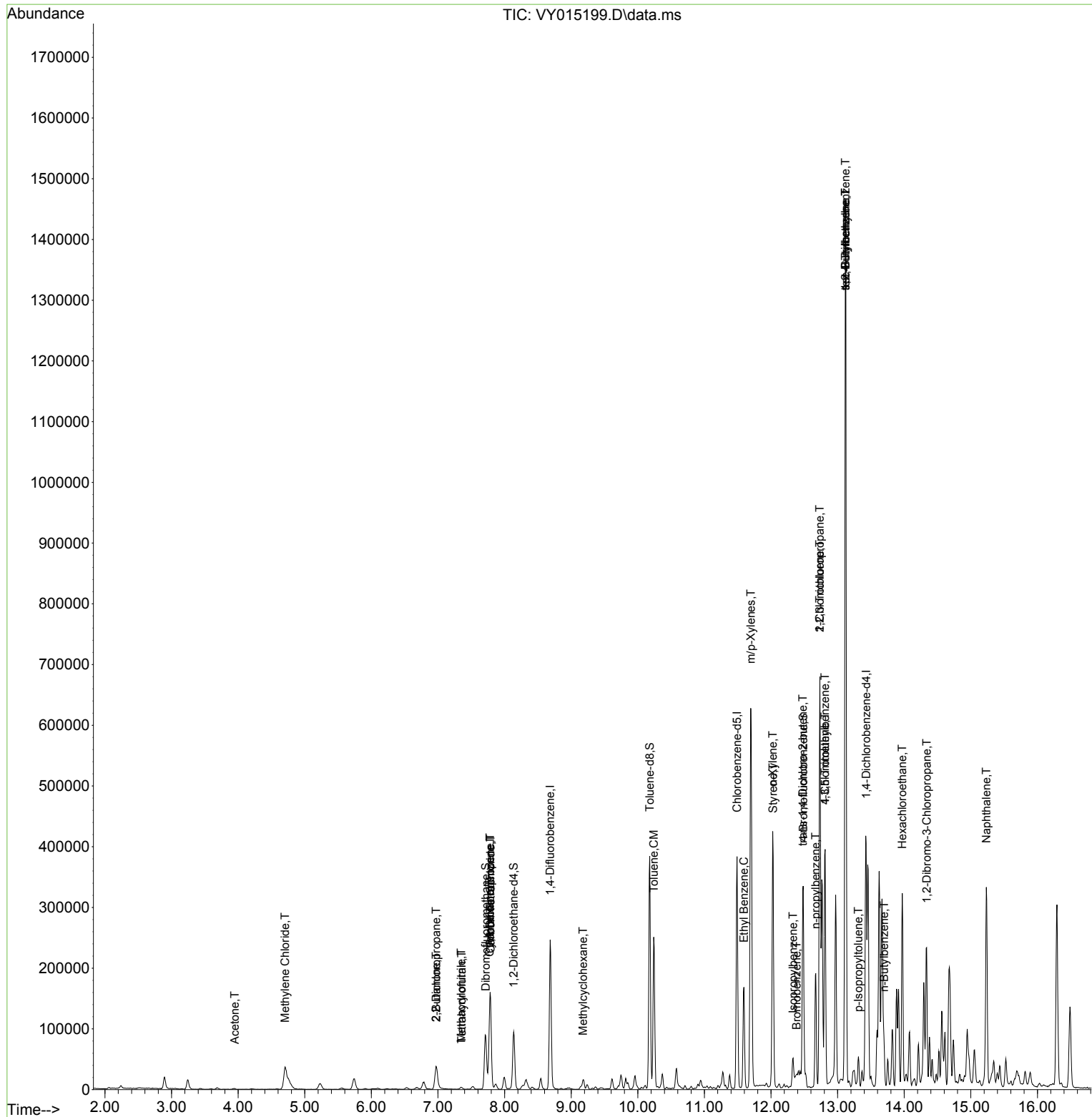
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

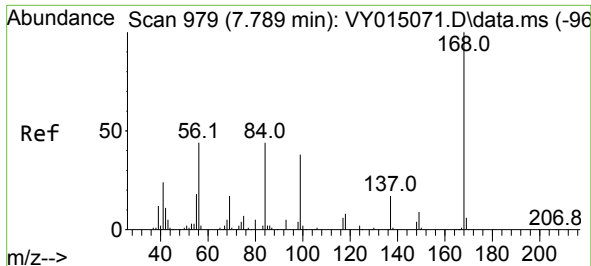
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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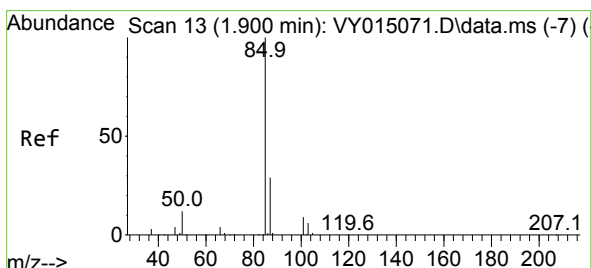
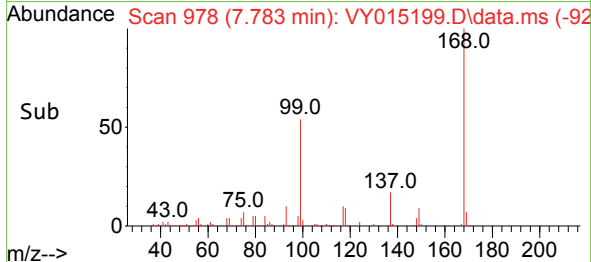
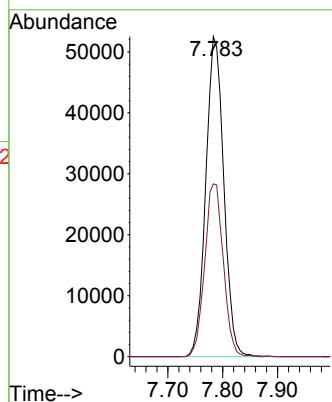
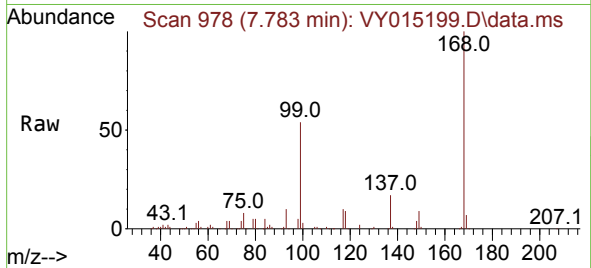




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

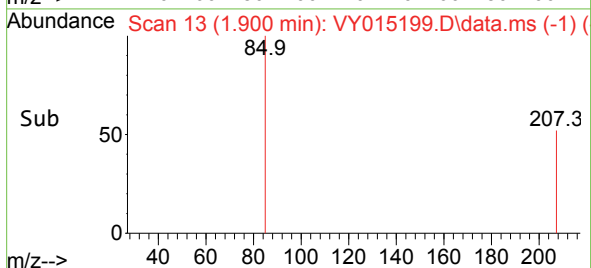
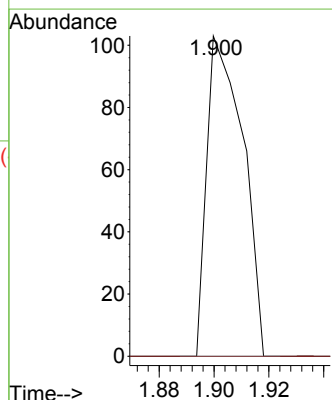
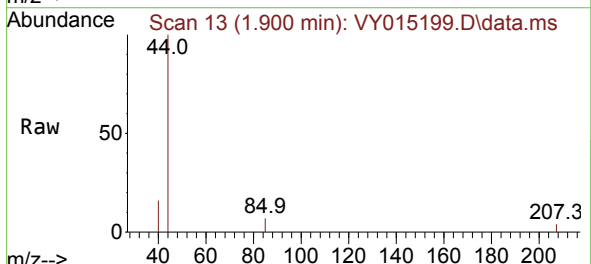
Instrument :
MSVOA_Y
ClientSampleId :

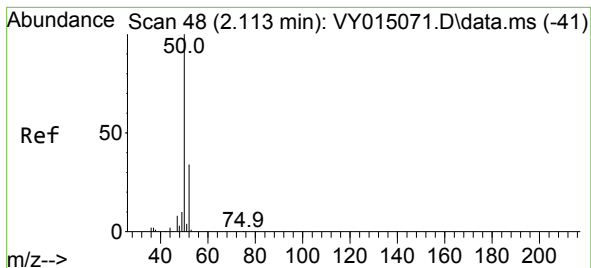
Tgt Ion:168 Resp: 119351
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Tgt Ion: 85 Resp: 94
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: VY015199.D

Acq: 18 Aug 2023 16:35

Instrument :

MSVOA_Y

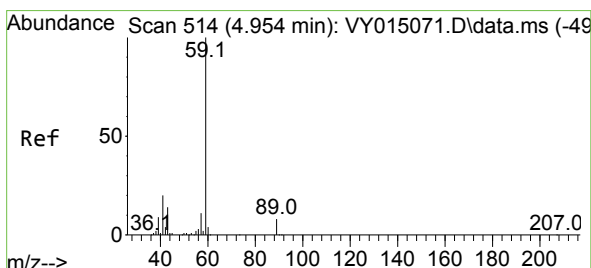
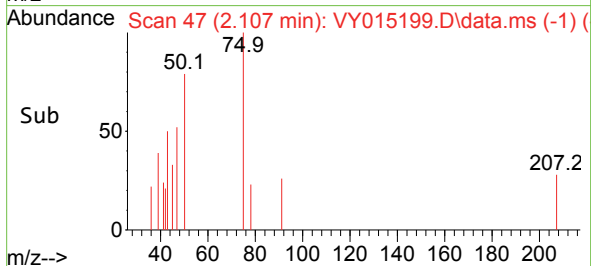
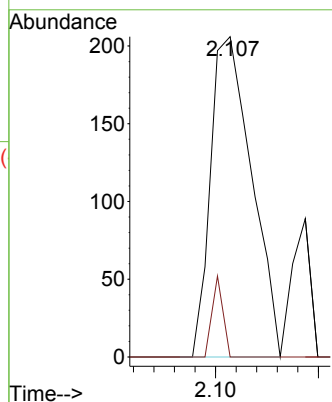
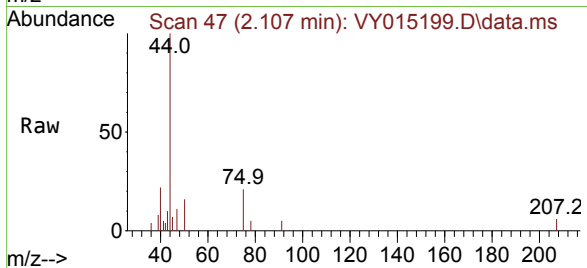
ClientSampleId :

Tgt Ion: 50 Resp: 286

Ion Ratio Lower Upper

50 100

52 0.0 25.4 38.2#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.960 min Scan# 515

Delta R.T. 0.012 min

Lab File: VY015199.D

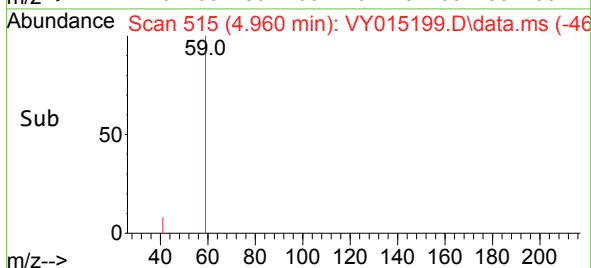
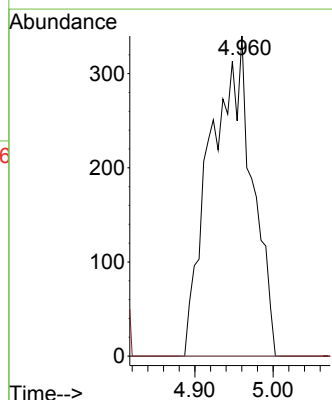
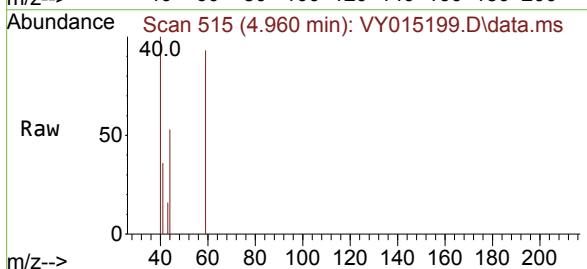
Acq: 18 Aug 2023 16:35

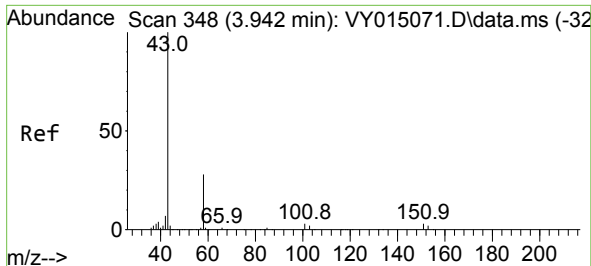
Tgt Ion: 59 Resp: 1260

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#





#16

Acetone

Concen: 2.822 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

Instrument :

MSVOA_Y

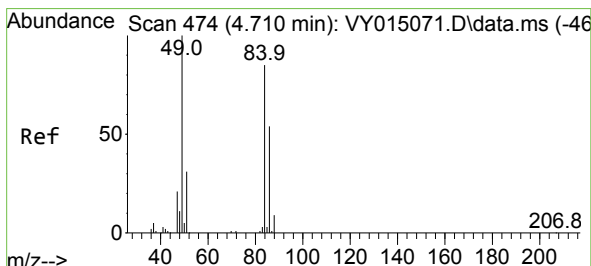
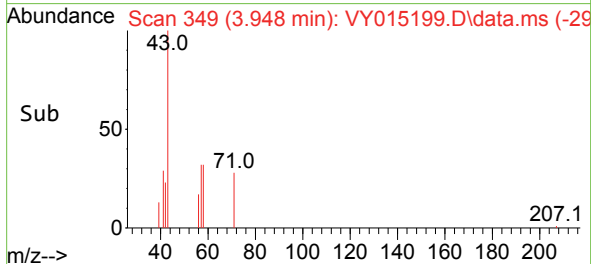
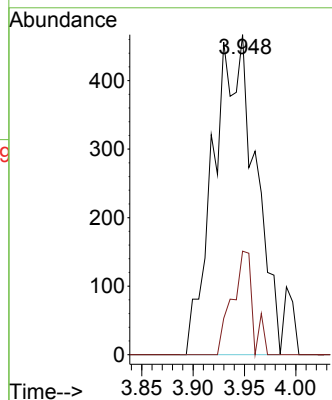
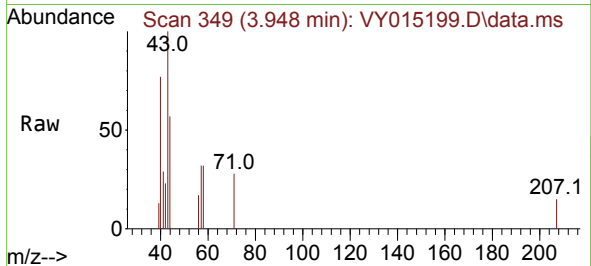
ClientSampleId :

Tgt Ion: 43 Resp: 1321

Ion Ratio Lower Upper

43 100

58 32.3 22.7 34.1



#20

Methylene Chloride

Concen: 19.467 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

Tgt Ion: 84 Resp: 24806

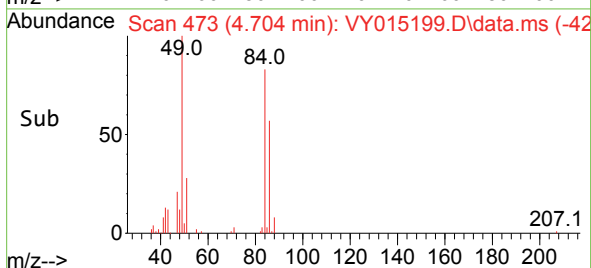
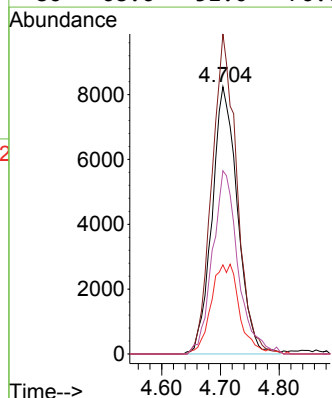
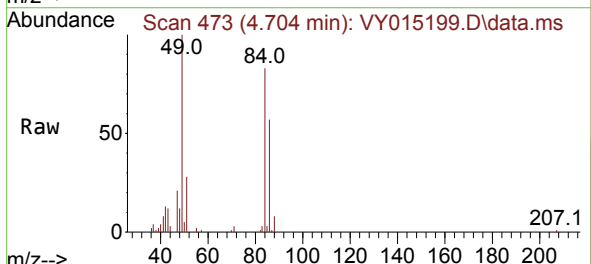
Ion Ratio Lower Upper

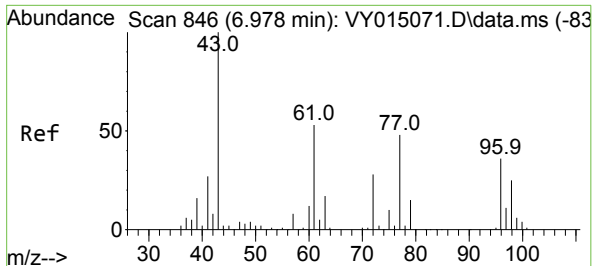
84 100

49 119.8 106.9 160.3

51 33.3 33.2 49.8

86 68.6 51.0 76.6





#25

2-Butanone

Concen: 3.222 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

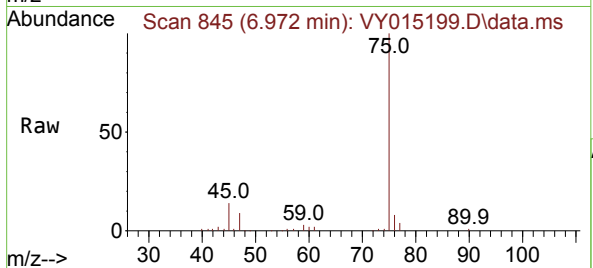
Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

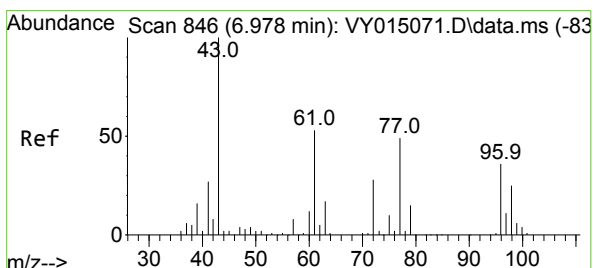
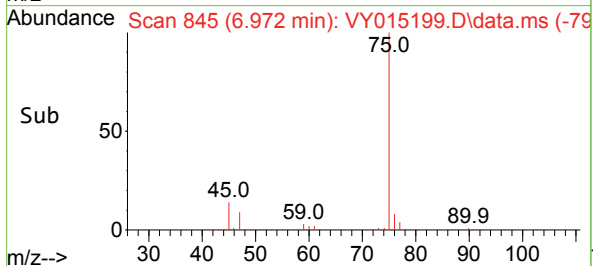
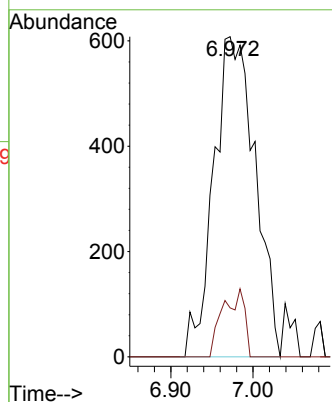


Tgt Ion: 43 Resp: 2135

Ion Ratio Lower Upper

43 100

72 15.3 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.633 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015199.D

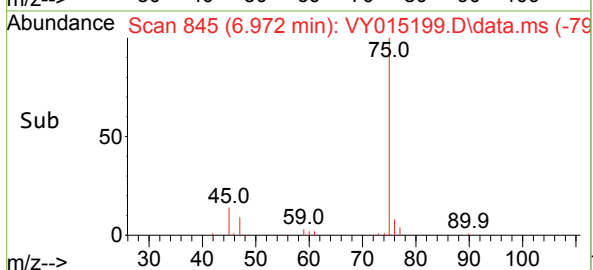
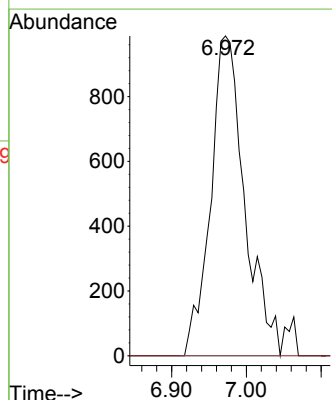
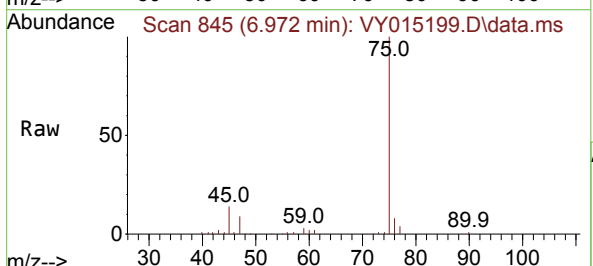
Acq: 18 Aug 2023 16:35

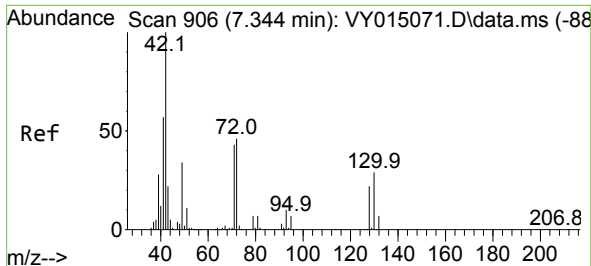
Tgt Ion: 77 Resp: 3132

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#





#29

Tetrahydrofuran

Concen: 2.579 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

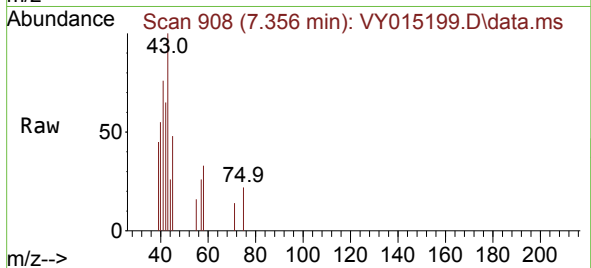
Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

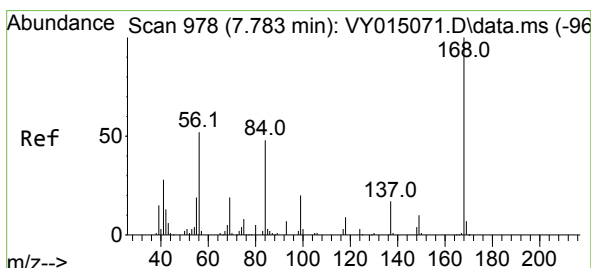
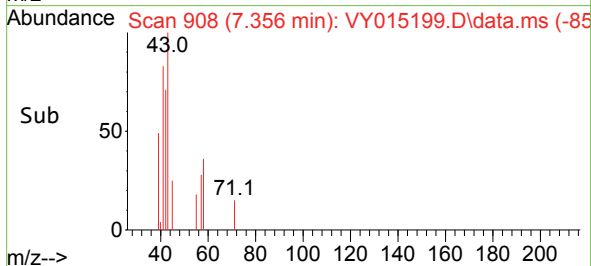
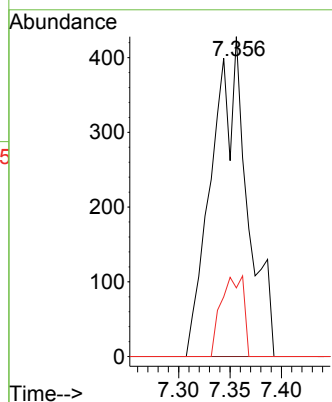
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	1022
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.8	49.2#
71	16.0	31.0	46.4#



#31

Cyclohexane

Concen: 3.449 ug/l

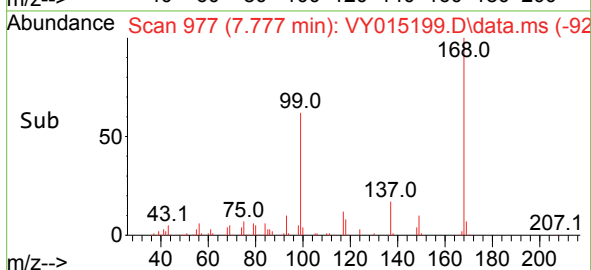
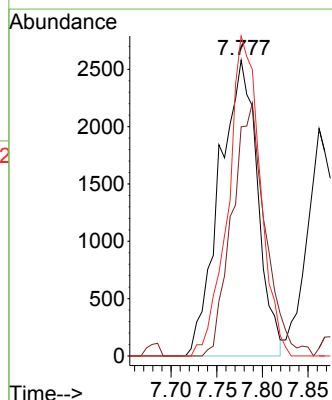
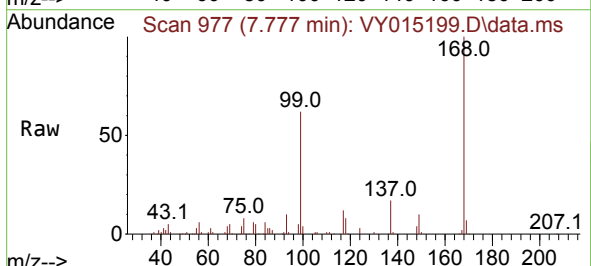
RT: 7.777 min Scan# 977

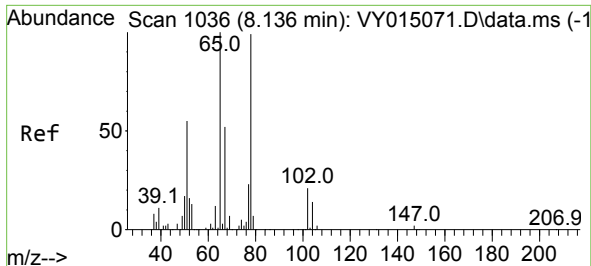
Delta R.T. -0.000 min

Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

Tgt Ion:	56	Resp:	7456
Ion	Ratio	Lower	Upper
56	100		
69	77.5	27.8	41.6#
84	108.1	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 51.515 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

Instrument :

MSVOA_Y

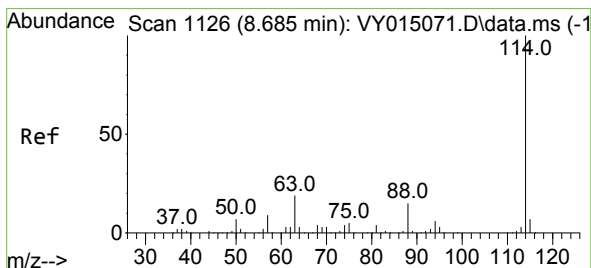
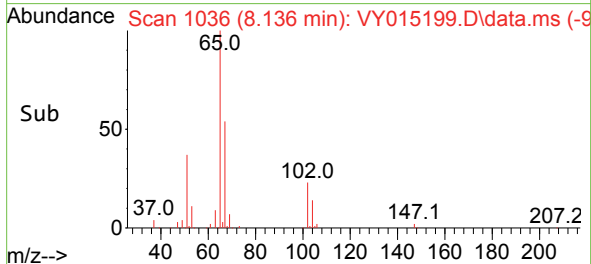
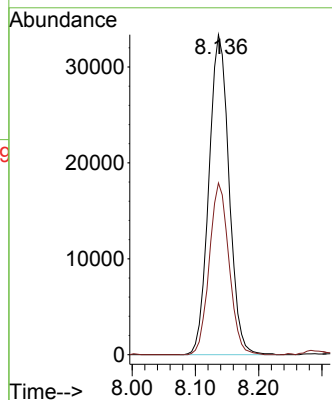
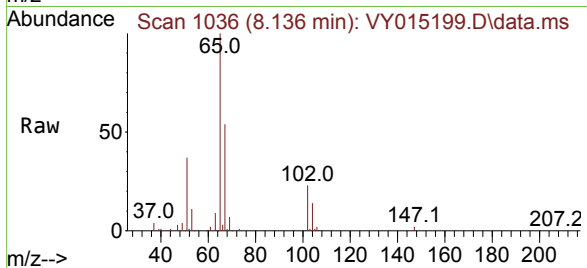
ClientSampleId :

Tgt Ion: 65 Resp: 73805

Ion Ratio Lower Upper

65 100

67 52.4 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: VY015199.D

Acq: 18 Aug 2023 16:35

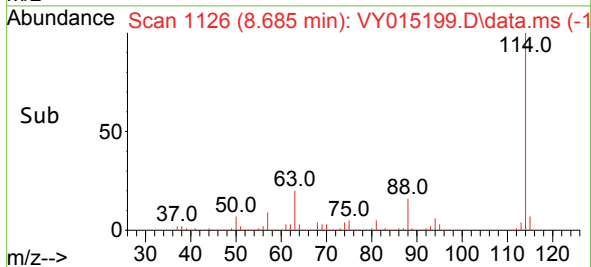
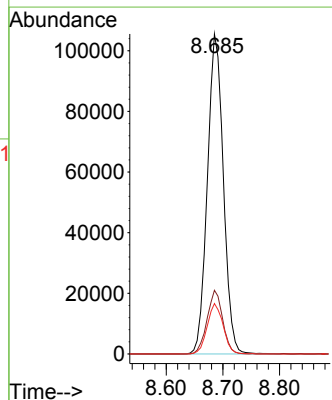
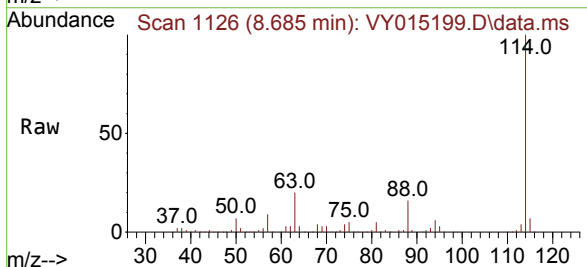
Tgt Ion:114 Resp: 206834

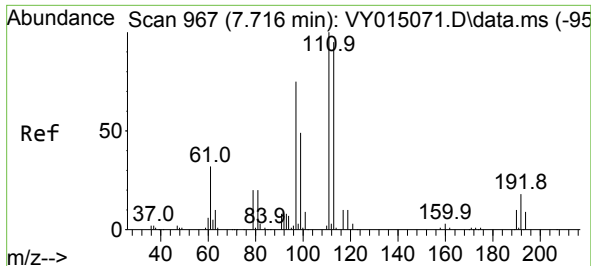
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.7 0.0 30.6

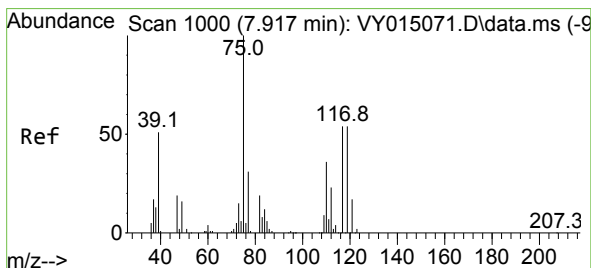
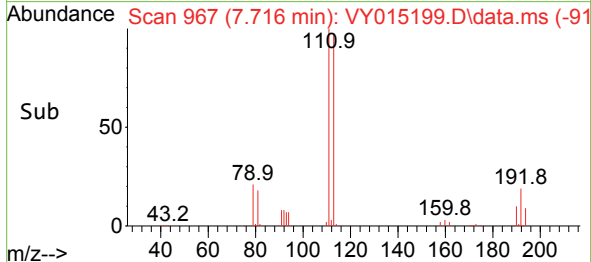
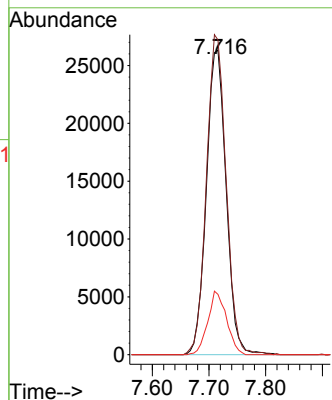
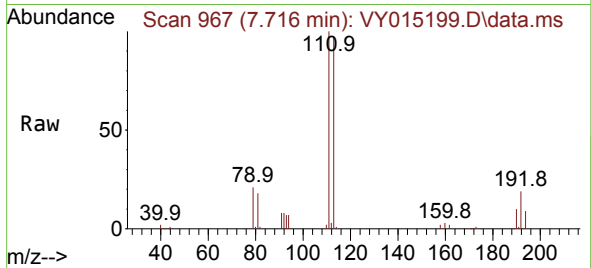




#35
 Dibromofluoromethane
 Concen: 48.079 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY015199.D
 Acq: 18 Aug 2023 16:35

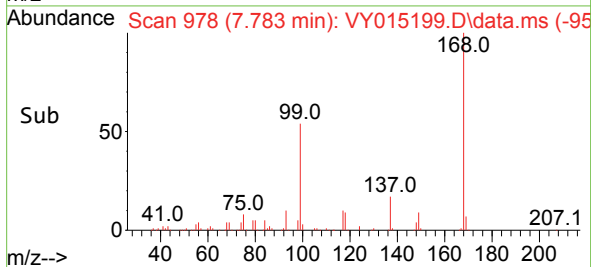
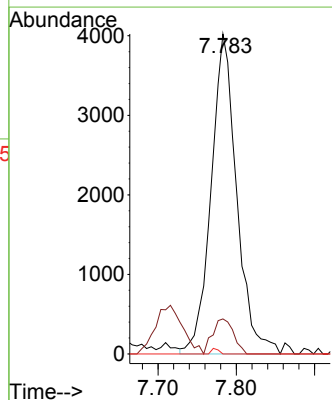
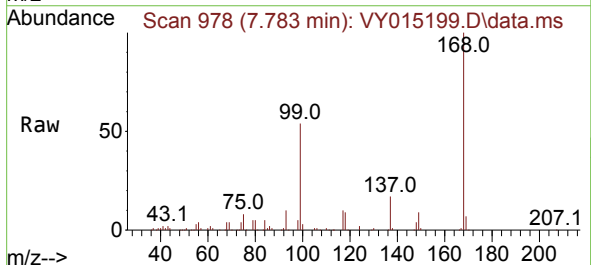
Instrument :
 MSVOA_Y
 ClientSampleId :

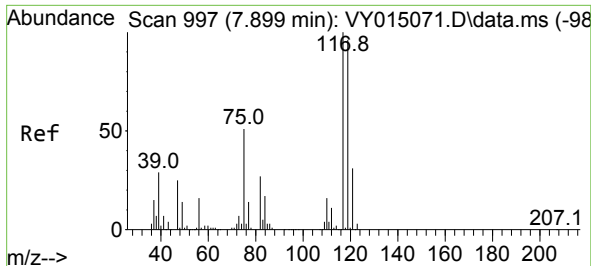
Tgt Ion:113 Resp: 63976
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.3 121.9
 192 19.7 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 6.214 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.128 min
 Lab File: VY015199.D
 Acq: 18 Aug 2023 16:35

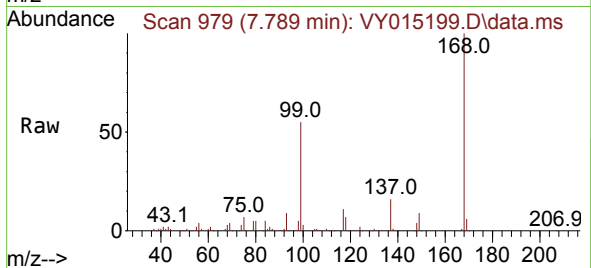
Tgt Ion: 75 Resp: 9147
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.8 53.5#
 77 0.5 24.4 36.6#



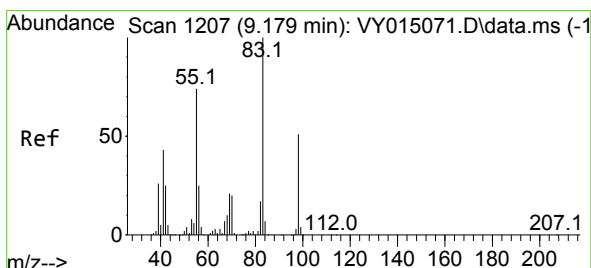
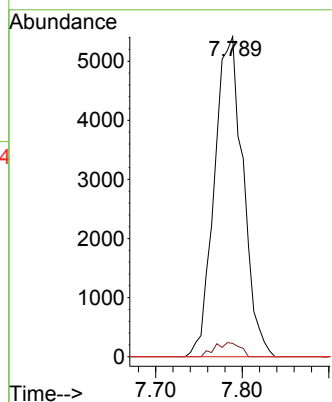
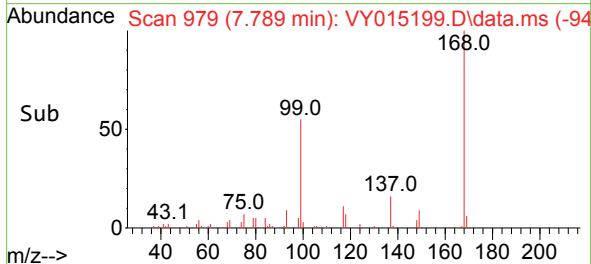


#38
Carbon Tetrachloride
Concen: 7.166 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :

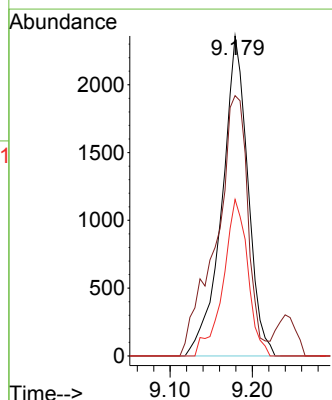
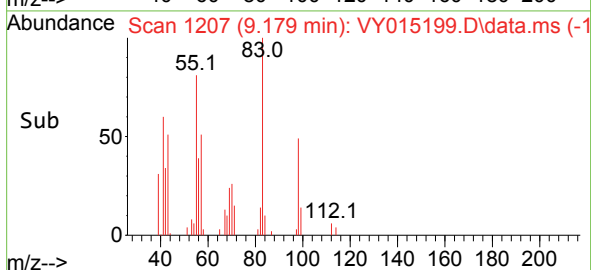
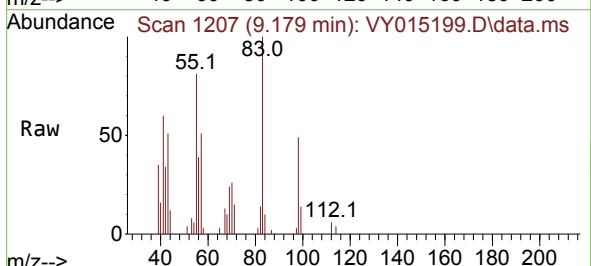


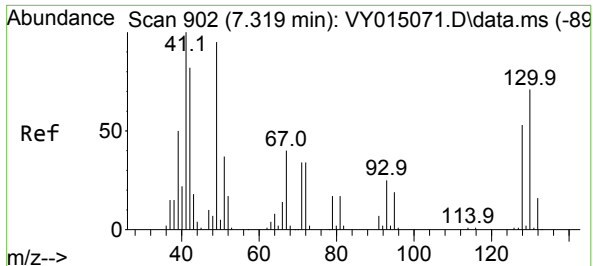
Tgt Ion:117 Resp: 12484
Ion Ratio Lower Upper
117 100
119 4.2 76.4 114.6#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 3.138 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Tgt Ion: 83 Resp: 5178
Ion Ratio Lower Upper
83 100
55 81.4 63.0 94.4
98 48.9 37.4 56.2

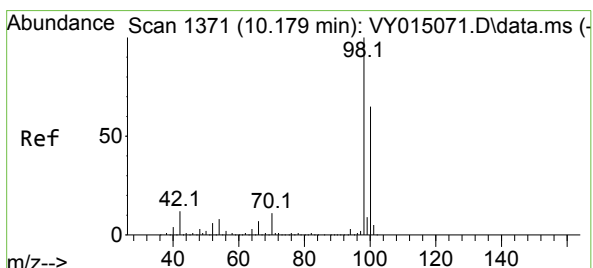
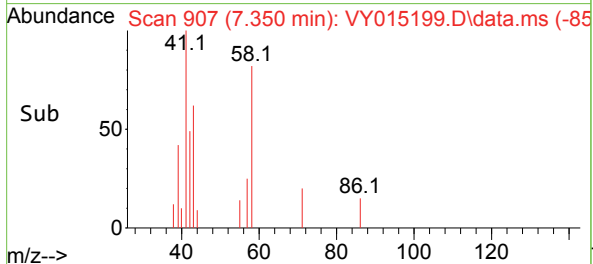
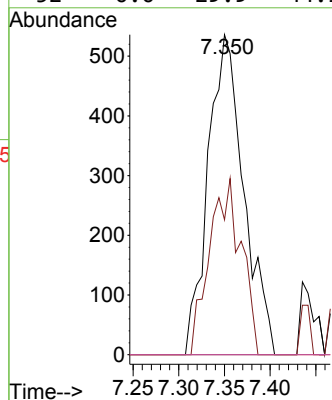
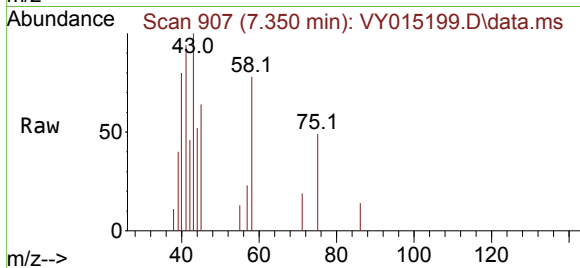




#41
Methacrylonitrile
Concen: 2.062 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

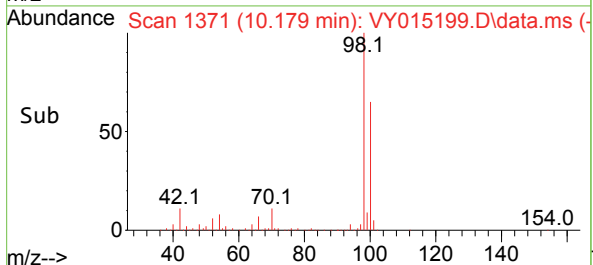
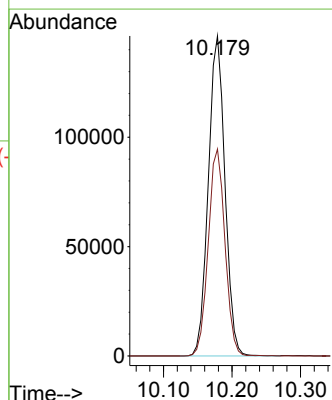
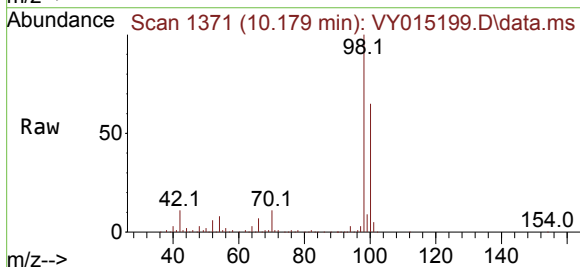
Instrument :
MSVOA_Y
ClientSampleId :

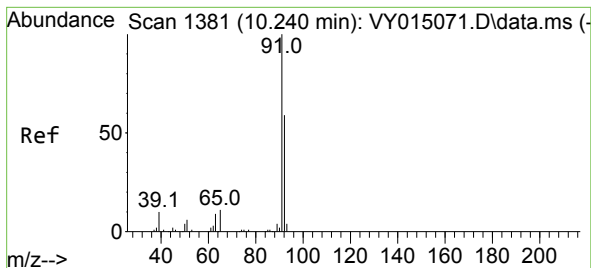
Tgt Ion: 41	Resp: 1459
Ion Ratio	Lower Upper
41	100
39	48.9 52.1 78.1#
67	0.0 66.2 99.2#
52	0.0 29.9 44.9#



#50
Toluene-d8
Concen: 49.870 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Tgt Ion: 98	Resp: 247026
Ion Ratio	Lower Upper
98	100
100	65.0 50.1 75.1





#52

Toluene

Concen: 36.398 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

Instrument :

MSVOA_Y

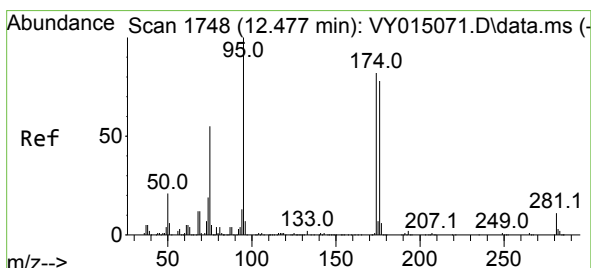
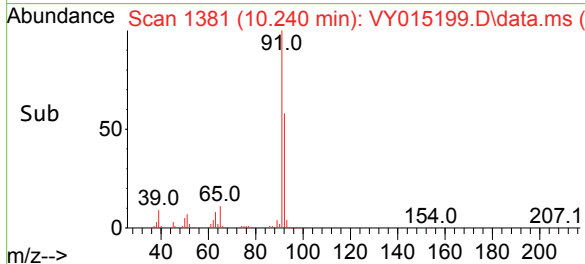
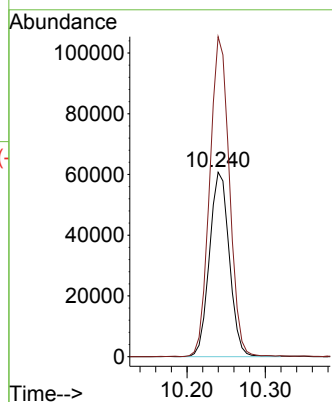
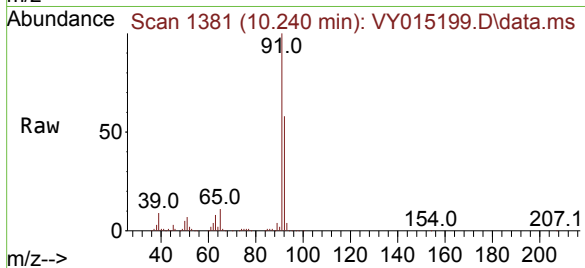
ClientSampleId :

Tgt Ion: 92 Resp: 106775

Ion Ratio Lower Upper

92 100

91 172.4 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 54.610 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

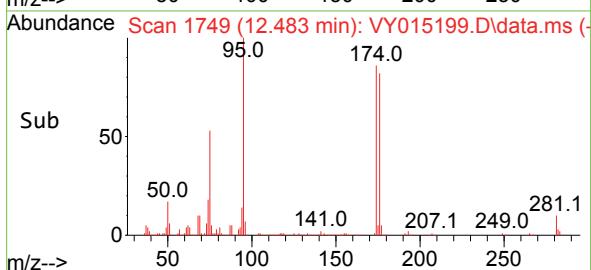
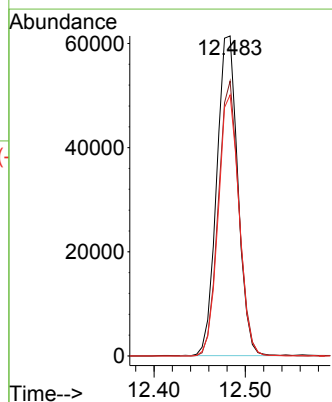
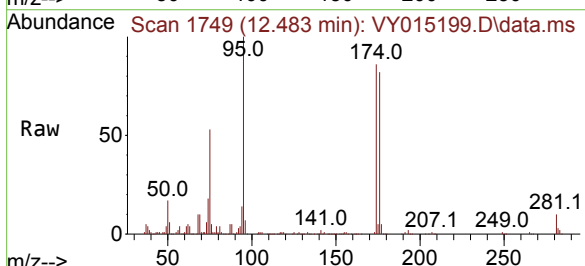
Tgt Ion: 95 Resp: 98801

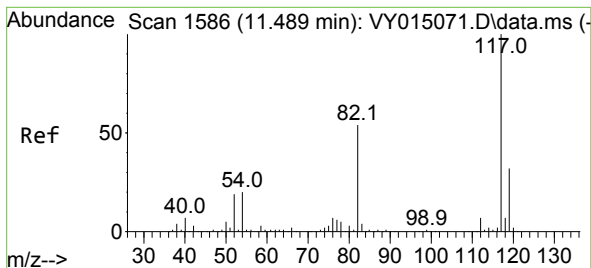
Ion Ratio Lower Upper

95 100

174 83.5 0.0 178.2

176 80.6 0.0 173.8

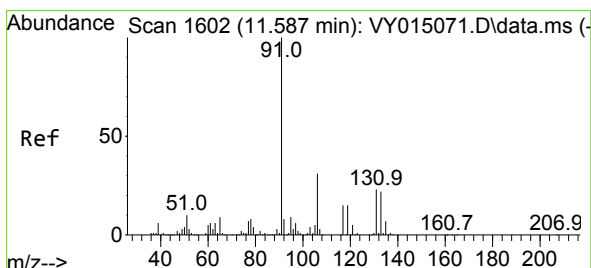
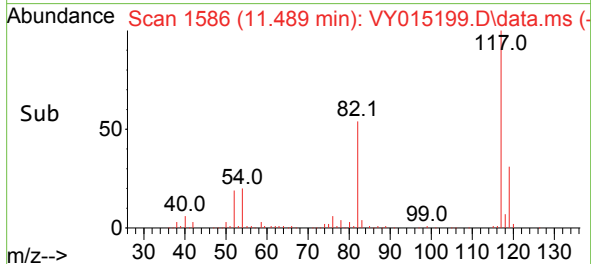
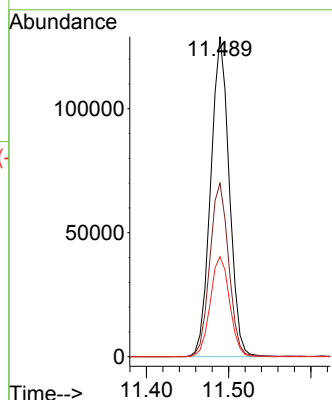
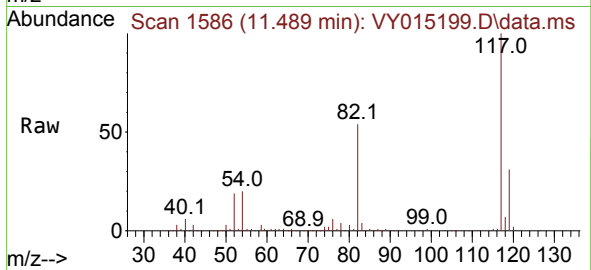




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

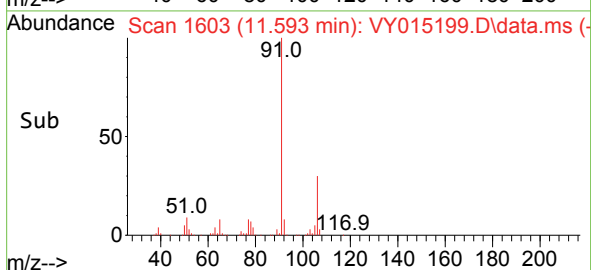
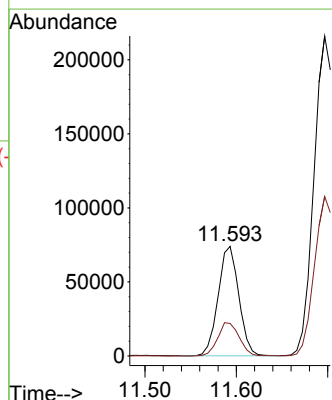
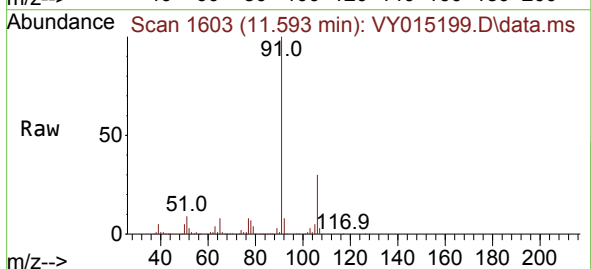
Instrument :
MSVOA_Y
ClientSampleId :

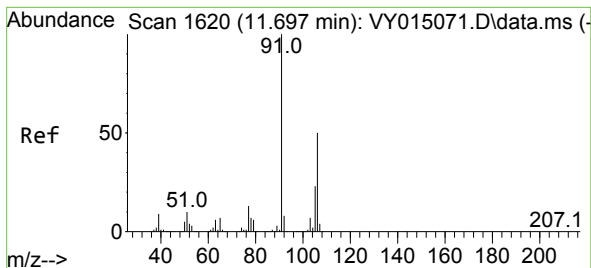
Tgt Ion:117 Resp: 201980
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 31.3 26.3 39.5



#67
Ethyl Benzene
Concen: 18.065 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Tgt Ion: 91 Resp: 116482
Ion Ratio Lower Upper
91 100
106 29.6 24.6 36.8

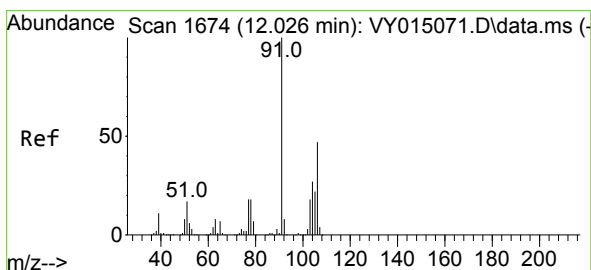
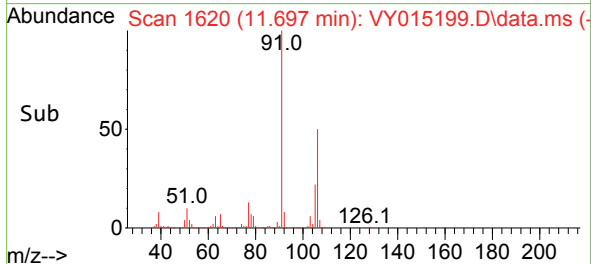
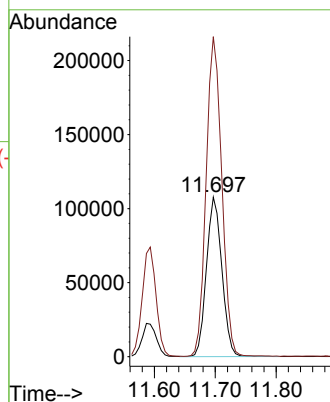
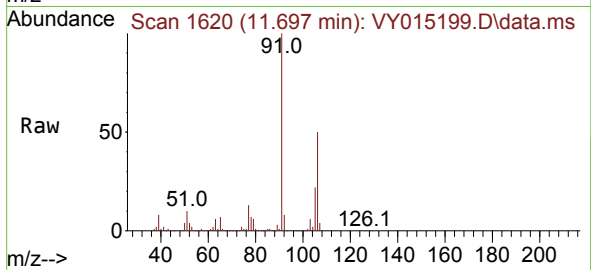




#68
m/p-Xylenes
Concen: 77.263 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

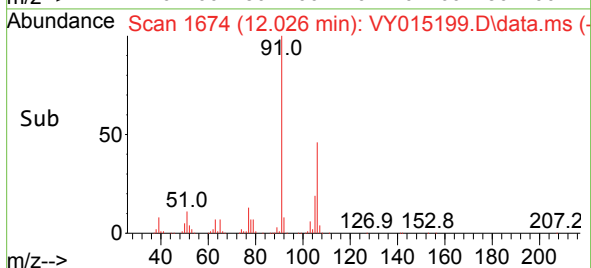
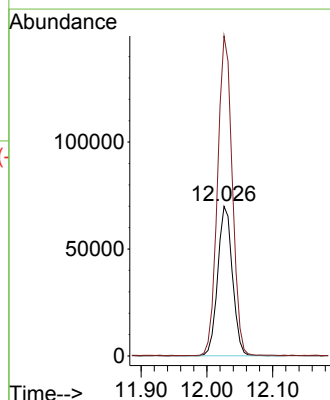
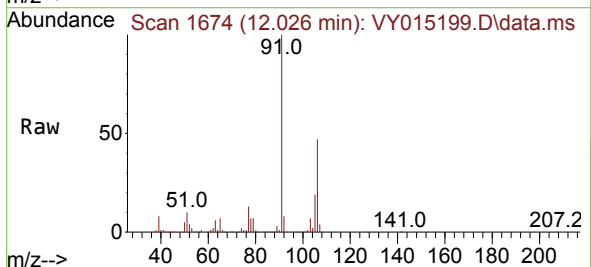
Instrument :
MSVOA_Y
ClientSampleId :

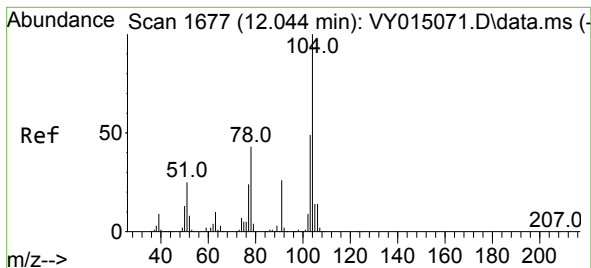
Tgt Ion:106 Resp: 189212
Ion Ratio Lower Upper
106 100
91 203.4 166.1 249.1



#69
o-Xylene
Concen: 44.624 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Tgt Ion:106 Resp: 108864
Ion Ratio Lower Upper
106 100
91 214.4 108.1 324.3





#70

Styrene

Concen: 1.290 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

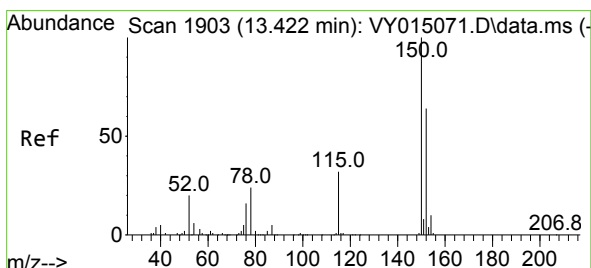
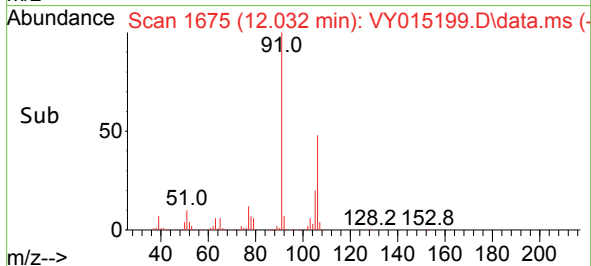
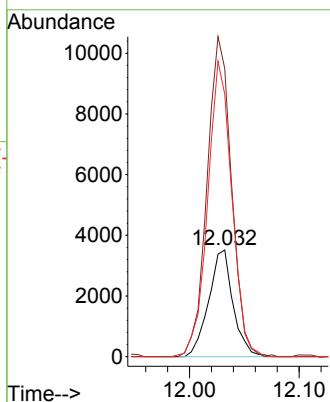
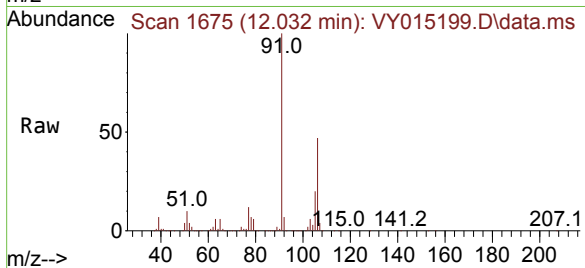
Tgt Ion:104 Resp: 5447

Ion Ratio Lower Upper

104 100

78 299.9 41.5 62.3#

103 274.6 44.6 67.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

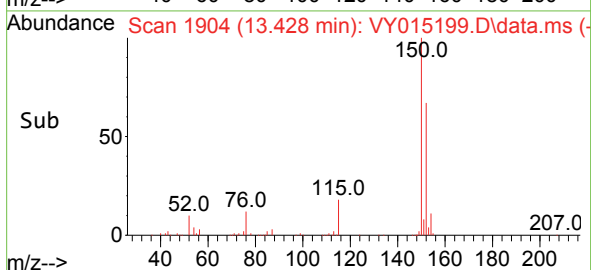
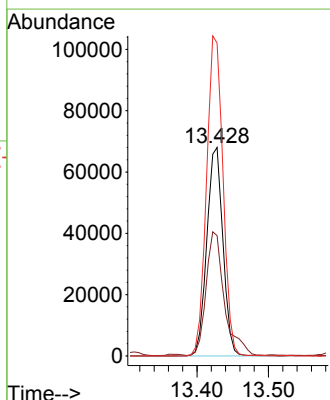
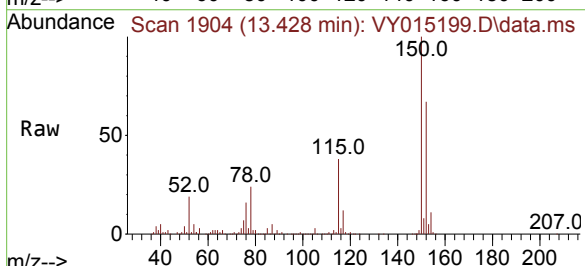
Tgt Ion:152 Resp: 106515

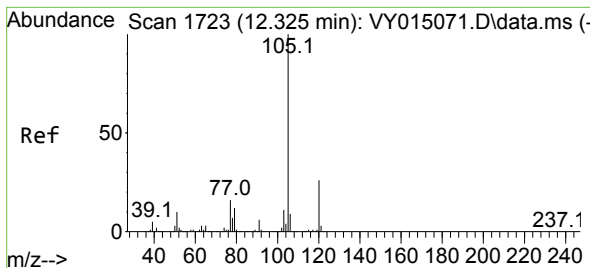
Ion Ratio Lower Upper

152 100

115 67.1 28.8 86.5

150 156.5 0.0 348.8





#73

Isopropylbenzene

Concen: 4.036 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

Instrument :

MSVOA_Y

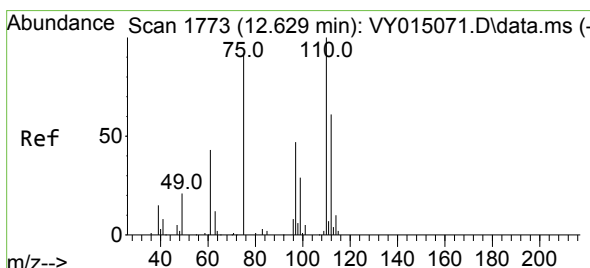
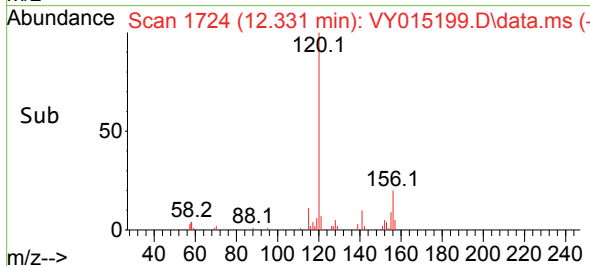
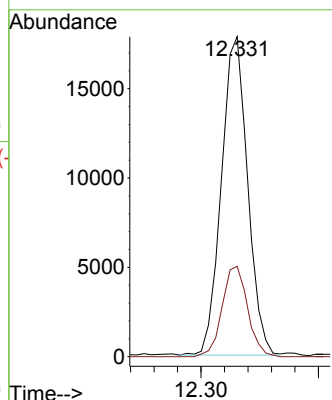
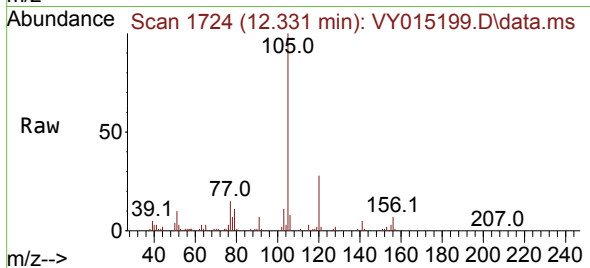
ClientSampleId :

Tgt Ion:105 Resp: 27646

Ion Ratio Lower Upper

105 100

120 27.5 13.3 39.9



#76

1,2,3-Trichloropropane

Concen: 2.885 ug/l

RT: 12.733 min Scan# 1790

Delta R.T. 0.104 min

Lab File: VY015199.D

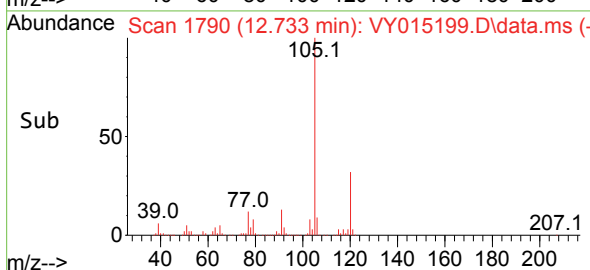
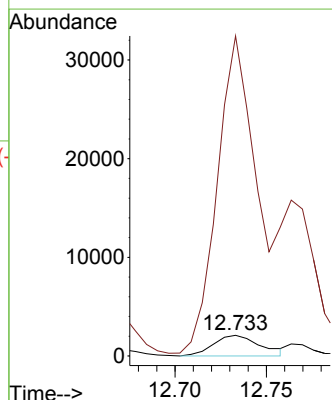
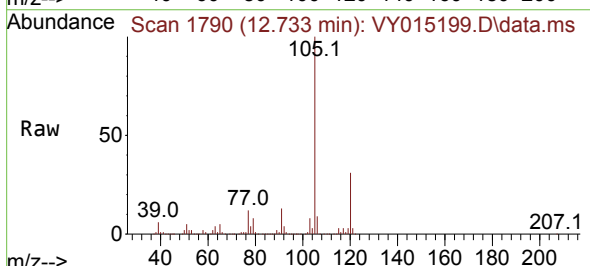
Acq: 18 Aug 2023 16:35

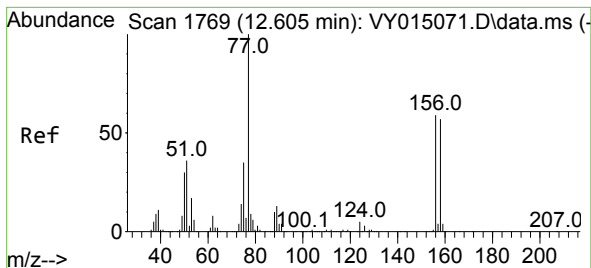
Tgt Ion: 75 Resp: 3734

Ion Ratio Lower Upper

75 100

77 1255.9 0.0 0.0#





#77

Bromobenzene

Concen: 4.273 ug/l

RT: 12.386 min Scan# 1733

Delta R.T. -0.219 min

Lab File: VY015199.D

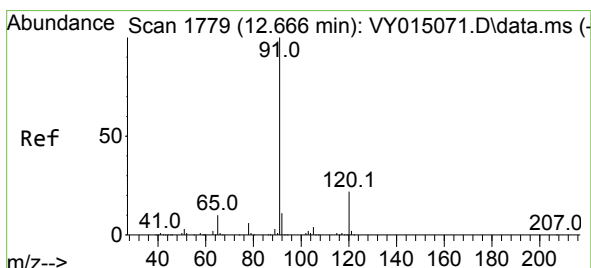
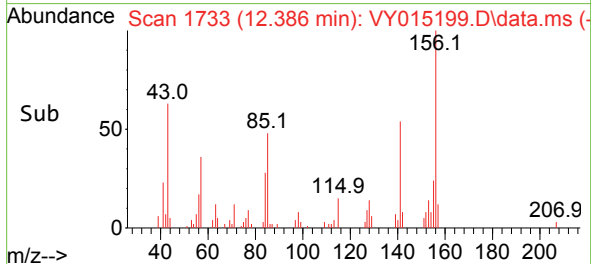
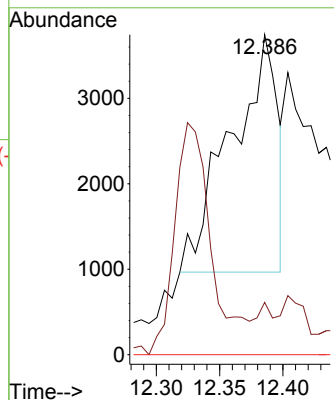
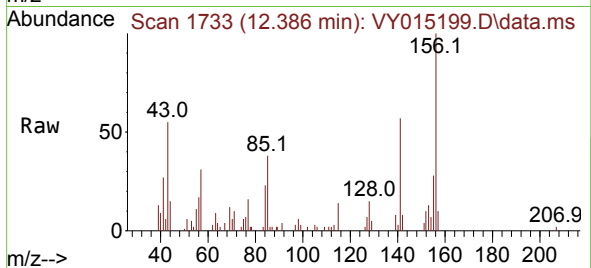
Acq: 18 Aug 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:156	Resp:	7134
Ion Ratio	Lower	Upper
156	100	
77	0.0	92.8 278.6#
158	0.0	48.4 145.3#



#78

n-propylbenzene

Concen: 17.752 ug/l

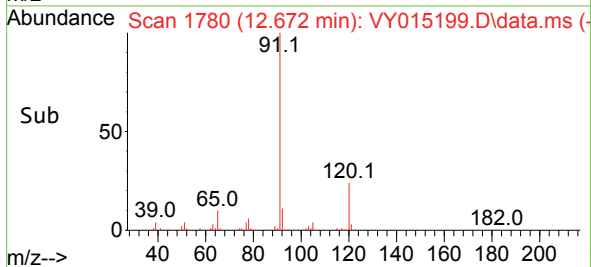
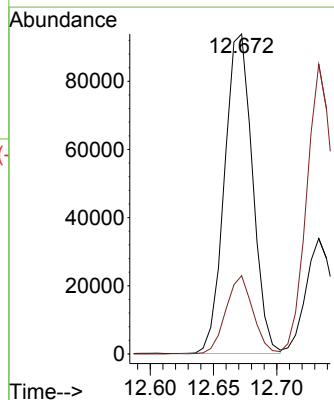
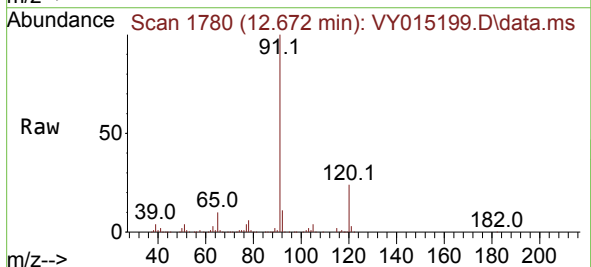
RT: 12.672 min Scan# 1780

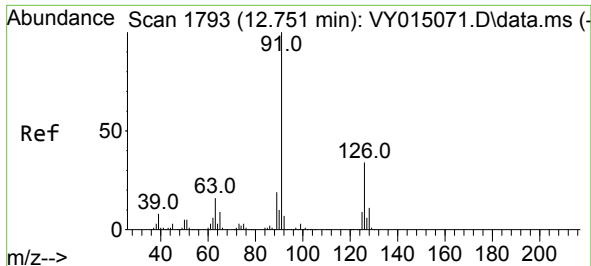
Delta R.T. 0.006 min

Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

Tgt Ion: 91	Resp:	144388
Ion Ratio	Lower	Upper
91	100	
120	23.9	11.5 34.4

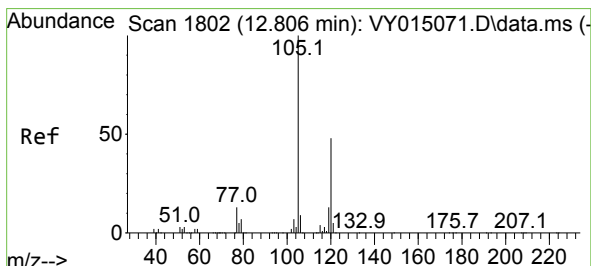
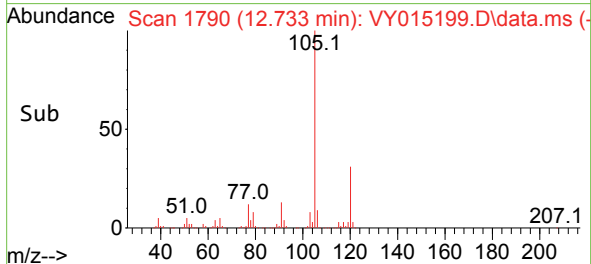
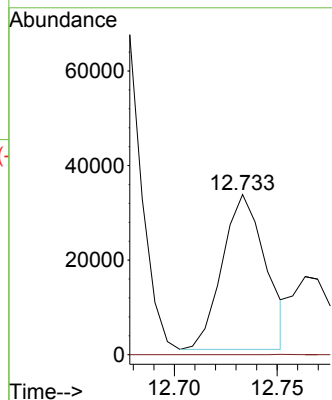
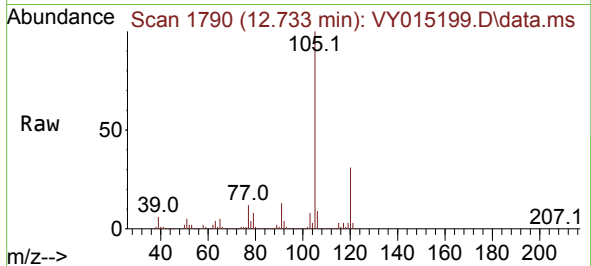




#79
2-Chlorotoluene
Concen: 10.263 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

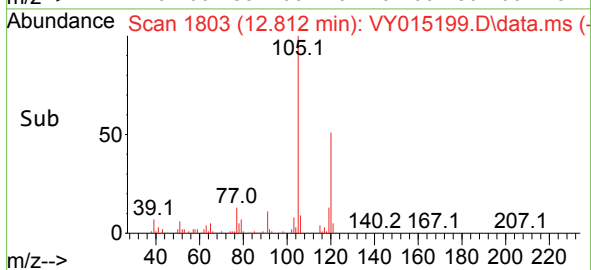
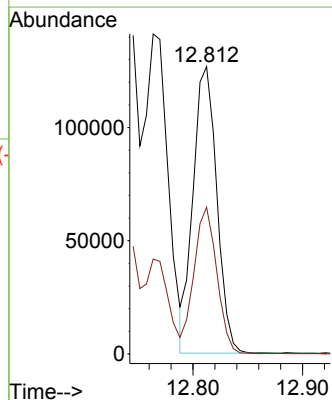
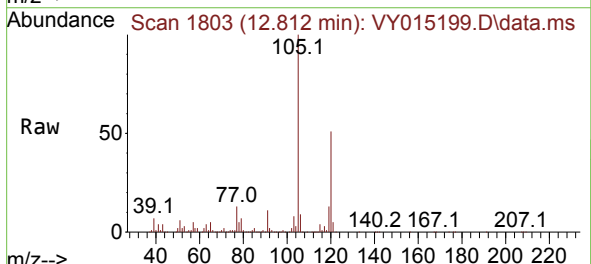
Instrument :
MSVOA_Y
ClientSampleId :

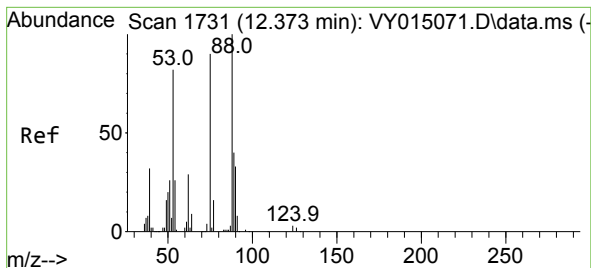
Tgt Ion: 91 Resp: 48153
Ion Ratio Lower Upper
91 100
126 0.1 17.3 51.7#



#80
1,3,5-Trimethylbenzene
Concen: 33.267 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Tgt Ion: 105 Resp: 189932
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

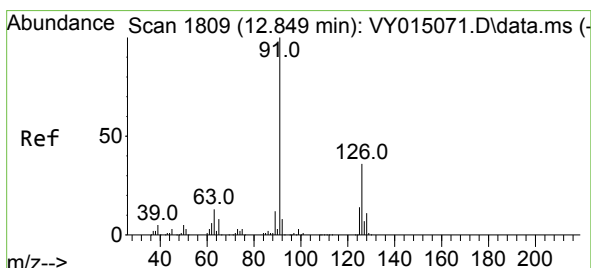
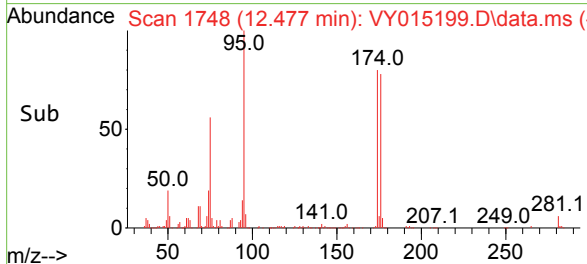
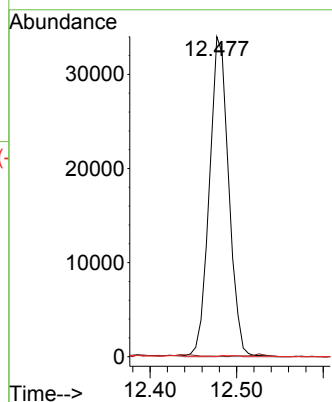
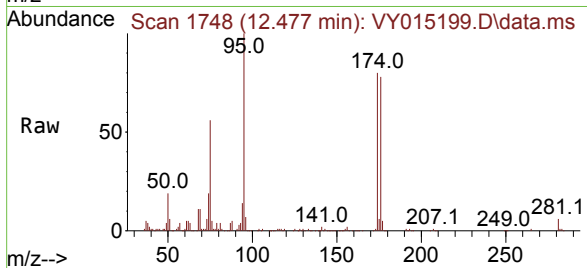




#81
trans-1,4-Dichloro-2-butene
Concen: 89.577 ug/l
RT: 12.477 min Scan# 1731
Delta R.T. 0.104 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

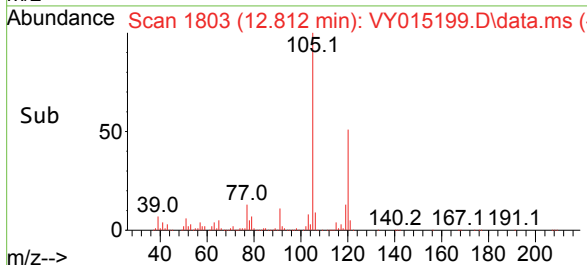
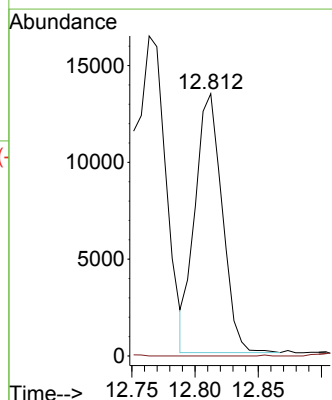
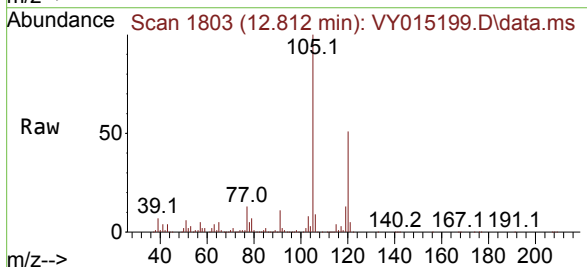
Instrument :
MSVOA_Y
ClientSampleId :

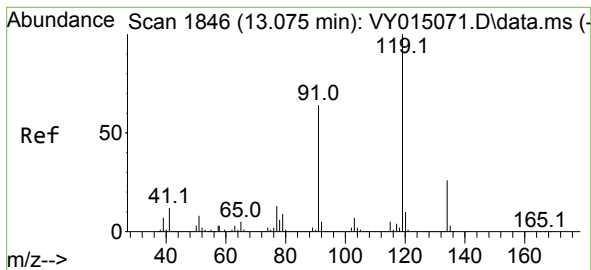
Tgt Ion: 75 Resp: 52775
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#



#82
4-Chlorotoluene
Concen: 4.123 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Tgt Ion: 91 Resp: 19985
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

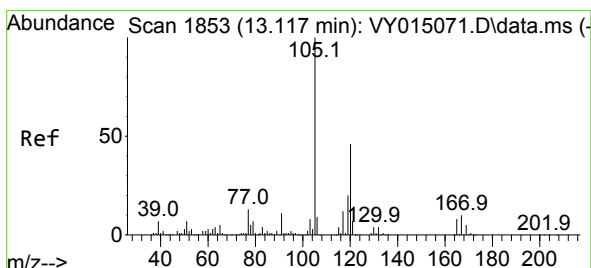
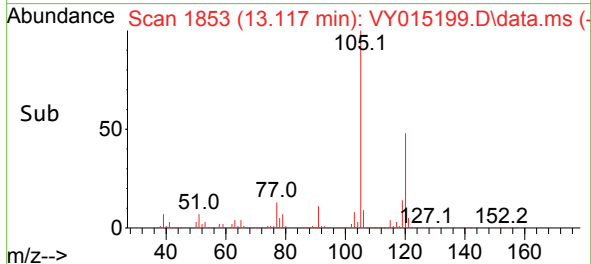
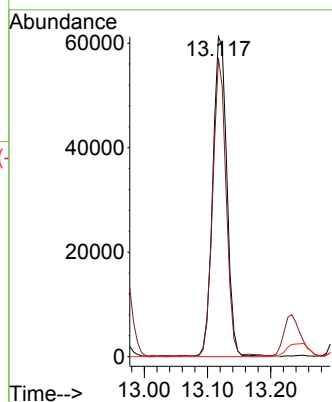
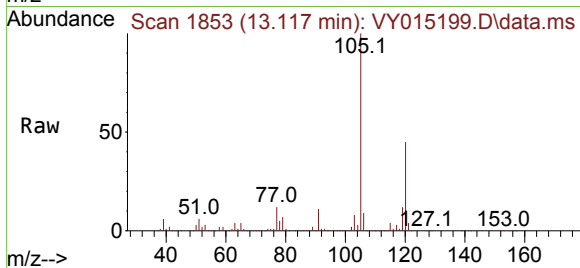




#83
 tert-Butylbenzene
 Concen: 18.127 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.043 min
 Lab File: VY015199.D
 Acq: 18 Aug 2023 16:35

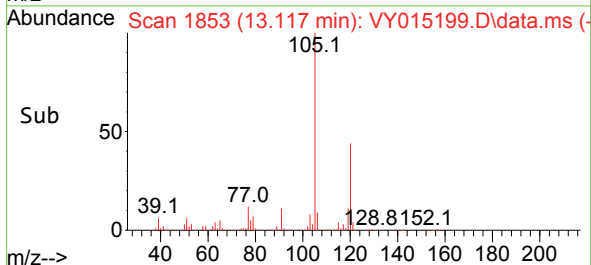
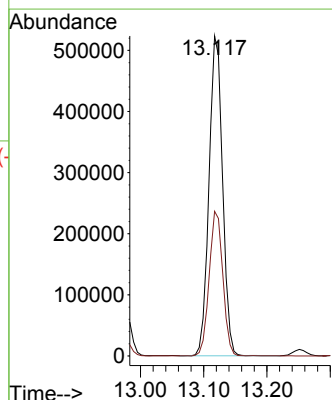
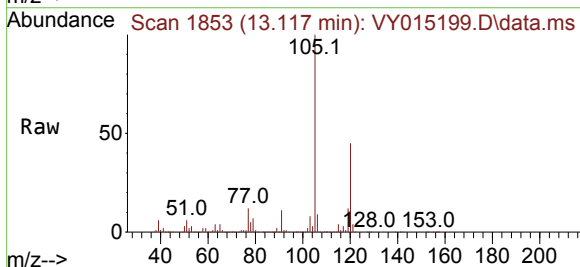
Instrument :
 MSVOA_Y
 ClientSampleId :

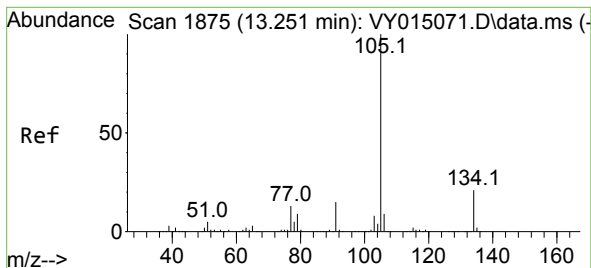
Tgt Ion:	119	Resp:	94664
Ion Ratio	Lower	Upper	
119	100		
91	88.2	32.9	98.6
134	0.0	13.0	38.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 136.615 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY015199.D
 Acq: 18 Aug 2023 16:35

Tgt Ion:	105	Resp:	779400
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.2	66.6





#85

sec-Butylbenzene

Concen: 101.861 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.134 min

Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

Instrument :

MSVOA_Y

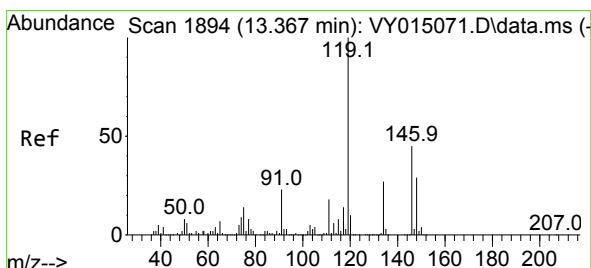
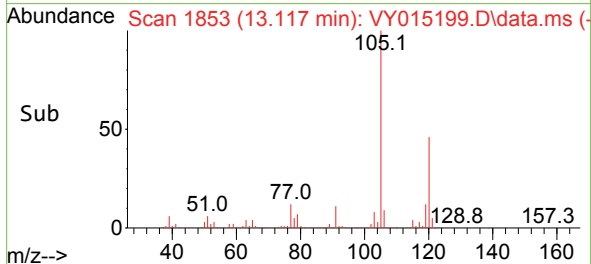
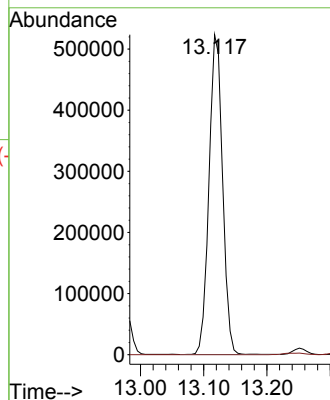
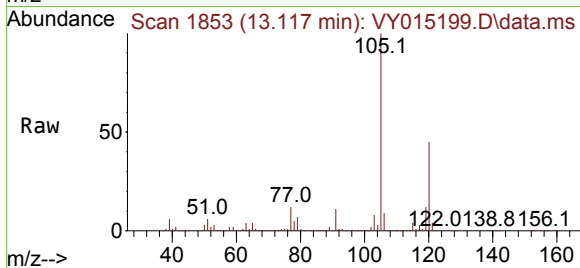
ClientSampleId :

Tgt Ion:105 Resp: 779400

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 3.894 ug/l

RT: 13.312 min Scan# 1885

Delta R.T. -0.055 min

Lab File: VY015199.D

Acq: 18 Aug 2023 16:35

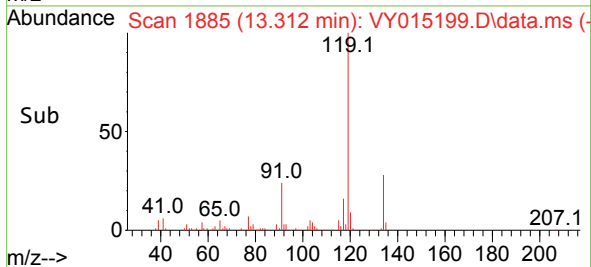
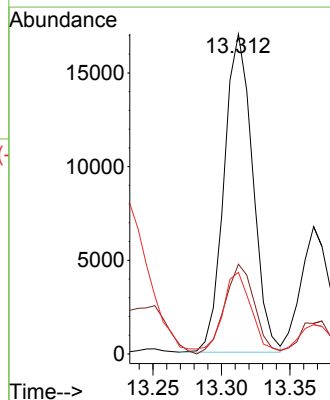
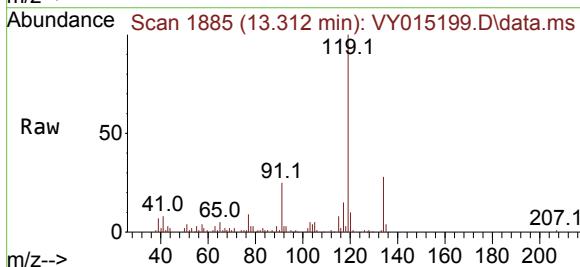
Tgt Ion:119 Resp: 24702

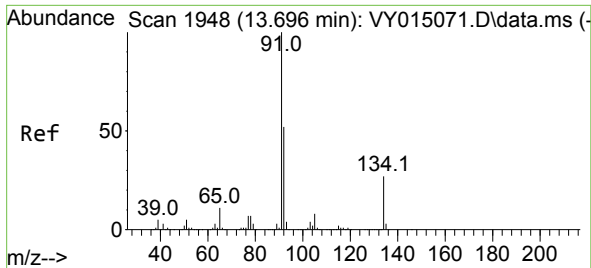
Ion Ratio Lower Upper

119 100

134 29.3 13.3 39.8

91 23.0 12.4 37.4

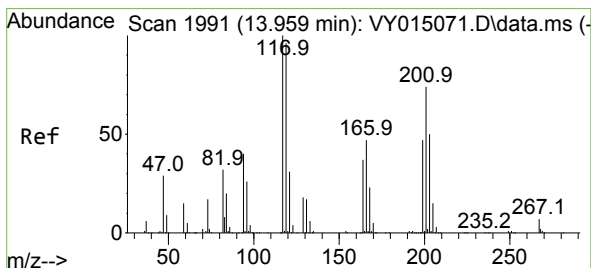
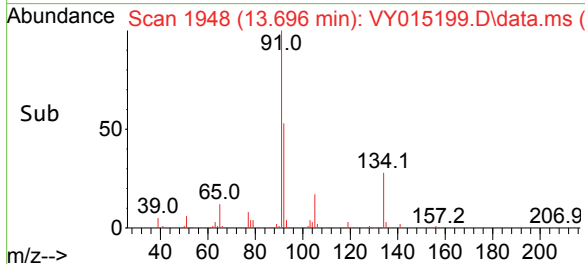
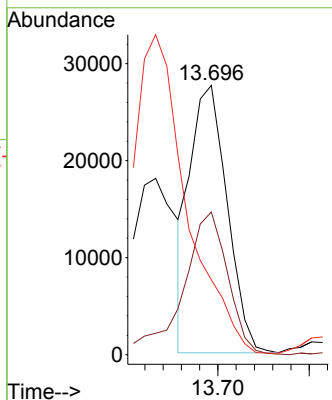
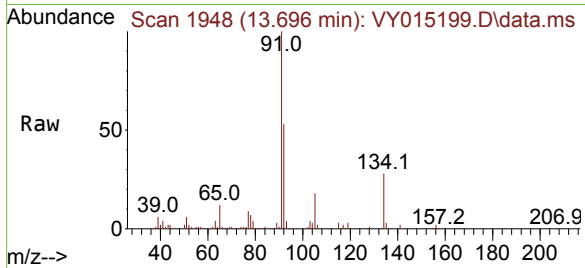




#89
n-Butylbenzene
Concen: 6.478 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

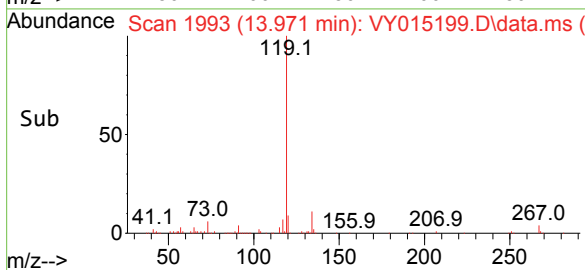
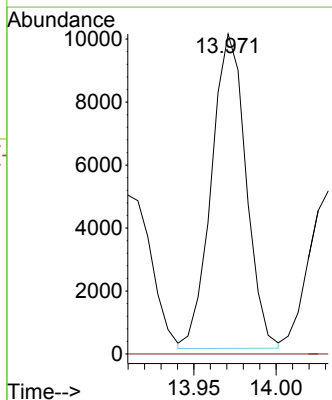
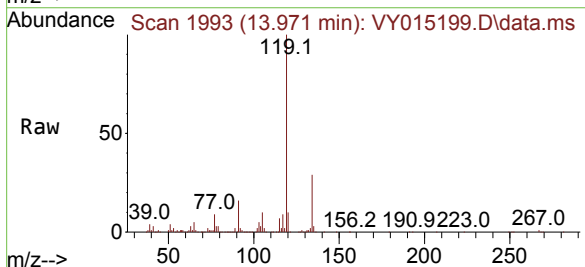
Instrument :
MSVOA_Y
ClientSampleId :

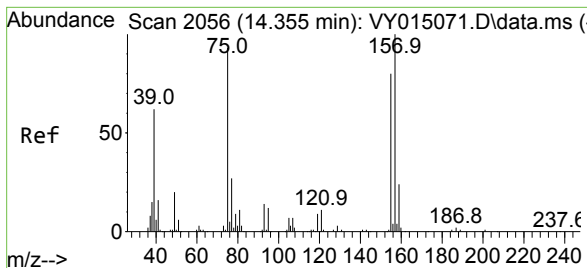
Tgt Ion: 91 Resp: 38750
Ion Ratio Lower Upper
91 100
92 64.4 25.4 76.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 11.599 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Tgt Ion: 117 Resp: 14597
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#

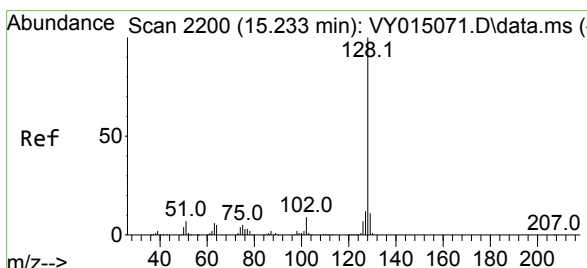
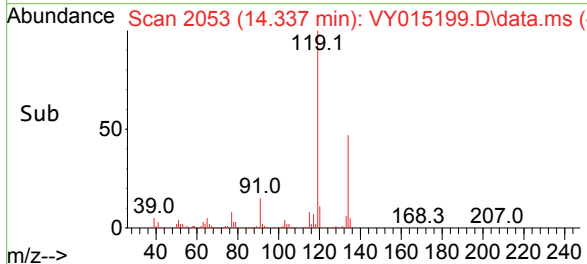
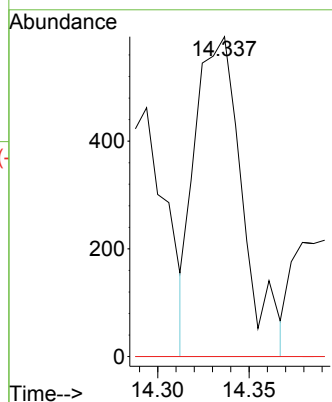
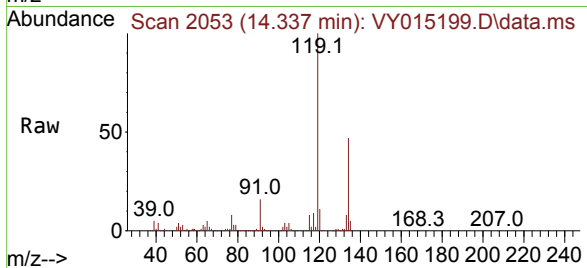




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.099 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1071
Ion Ratio Lower Upper
75 100
155 0.0 41.5 124.6#
157 0.0 51.8 155.5#



#95
Naphthalene
Concen: 52.769 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Tgt Ion:128 Resp: 261064
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.7 8.6 13.0

