

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015200.D
 Acq On : 18 Aug 2023 16:59
 Operator : SY/MD
 Sample : 04086-12
 Misc : 5.04g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 23:13:06 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	10427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	16614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	15037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	5187	41.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.880%
35) Dibromofluoromethane	7.716	113	3052	28.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	57.100%
50) Toluene-d8	10.179	98	18955	47.640	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.477	95	7136	49.104	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.200%

Target Compounds			Qvalue			
3) Chloromethane	2.107	50	303	1.134	ug/l	91
5) Bromomethane	2.662	94	484	6.641	ug/l #	77
10) Methyl Iodide	4.101	142	516	6.048	ug/l #	75
11) Tert butyl alcohol	4.924	59	84	Below Cal	#	89
14) Allyl chloride	4.698	41	392	3.047	ug/l #	41
16) Acetone	3.936	43	457	11.176	ug/l	89
20) Methylene Chloride	4.704	84	2007	17.679	ug/l	95
25) 2-Butanone	6.954	43	168	2.902	ug/l #	49
26) 2,2-Dichloropropane	6.954	77	402	2.400	ug/l #	54
31) Cyclohexane	7.765	56	1490	11.354	ug/l #	64
36) 1,1-Dichloropropene	7.783	75	816	6.901	ug/l #	41
38) Carbon Tetrachloride	7.783	117	1118	7.989	ug/l #	12
39) Methylcyclohexane	9.179	83	1284	9.686	ug/l	90
43) Isopropyl Acetate	8.265	43	777	3.871	ug/l #	55
48) Methyl methacrylate	9.325	41	265	3.086	ug/l #	13
51) 4-Methyl-2-Pentanone	10.112	43	360	3.095	ug/l #	39
52) Toluene	10.240	92	49172	208.678	ug/l	97
53) t-1,3-Dichloropropene	10.246	75	610	3.826	ug/l #	1
55) 1,1,2-Trichloroethane	10.612	97	379	3.920	ug/l #	14
59) 2-Hexanone	10.795	43	821	9.536	ug/l #	27
67) Ethyl Benzene	11.593	91	55528	115.676	ug/l	99
68) m/p-Xylenes	11.697	106	88884	487.523	ug/l	96
69) o-Xylene	12.026	106	45881	252.619	ug/l	97
70) Styrene	12.026	104	2364	7.520	ug/l #	1
73) Isopropylbenzene	12.331	105	13114	27.922	ug/l	96
74) N-amyl acetate	12.124	43	1204	7.100	ug/l #	64
76) 1,2,3-Trichloropropane	12.672	75	463	5.218	ug/l #	100
77) Bromobenzene	12.392	156	5361	46.828	ug/l #	1
78) n-propylbenzene	12.672	91	70166	125.806	ug/l	100
79) 2-Chlorotoluene	12.733	91	23204	72.120	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.813	105	97908	250.081	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.331	75	171	4.233	ug/l #	16
82) 4-Chlorotoluene	12.813	91	10892	32.768	ug/l #	40
83) tert-Butylbenzene	13.117	119	49824	139.135	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.117	105	409878	1047.710	ug/l	97
85) sec-Butylbenzene	13.117	105	409878	781.185	ug/l #	56

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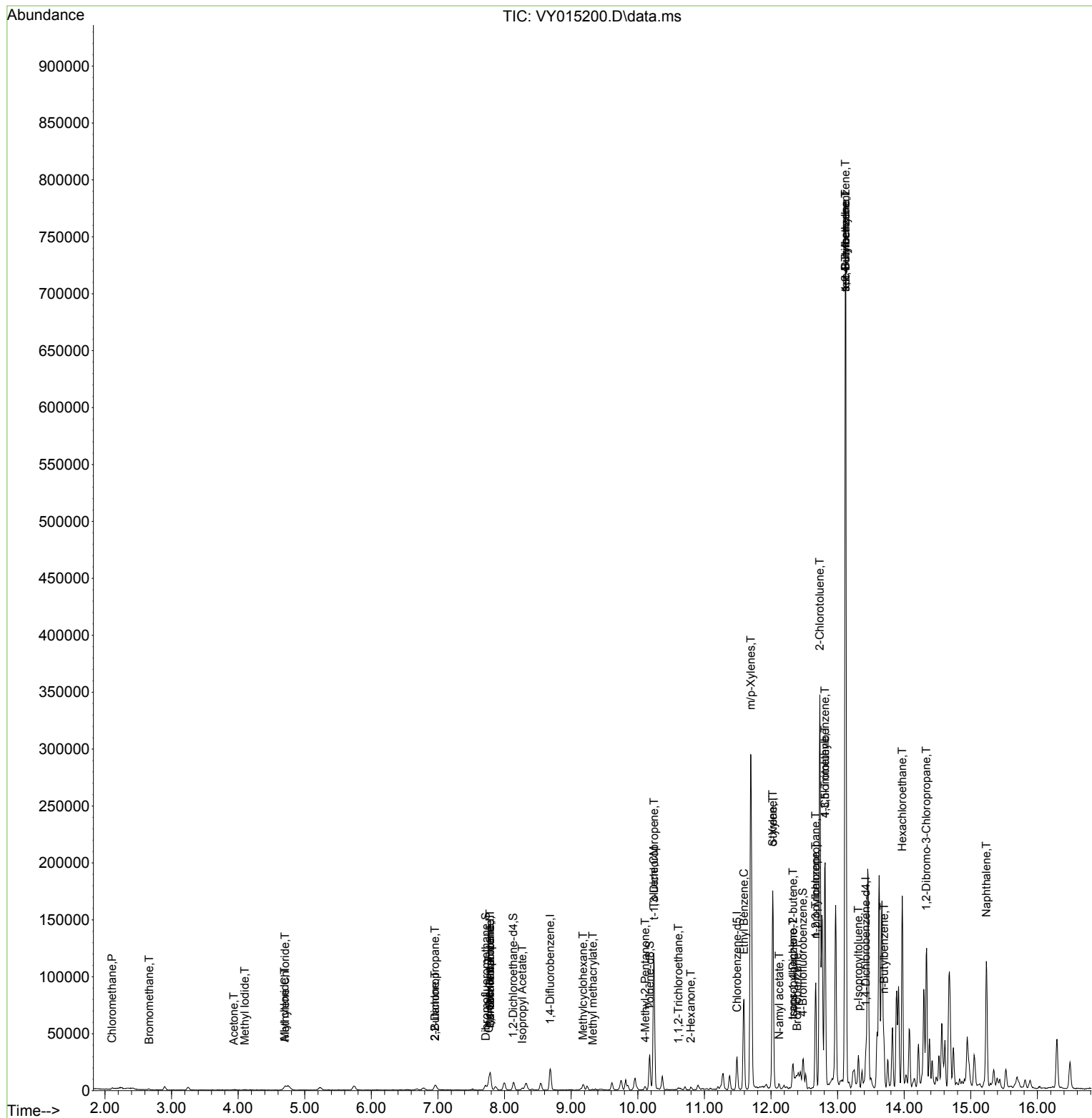
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.312	119	14309	32.893	ug/l	98
89) n-Butylbenzene	13.697	91	19784	48.235	ug/l #	70
90) Hexachloroethane	13.971	117	7425	86.037	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.331	75	574	24.223	ug/l #	3
95) Naphthalene	15.233	128	87612	258.255	ug/l	98

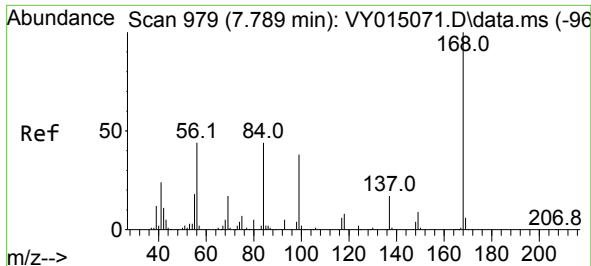
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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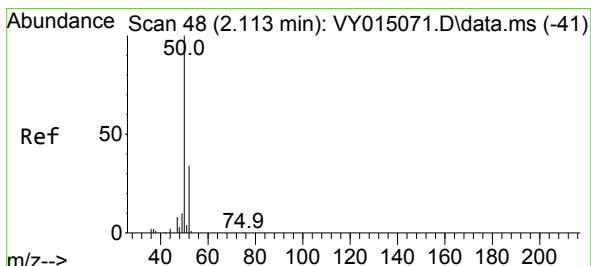
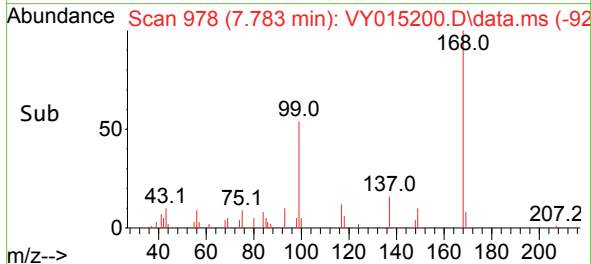
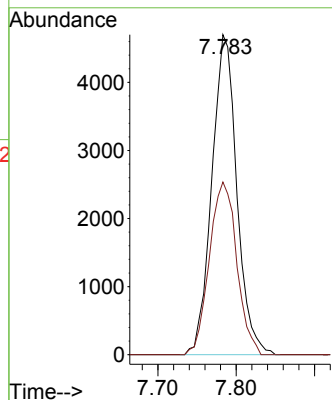
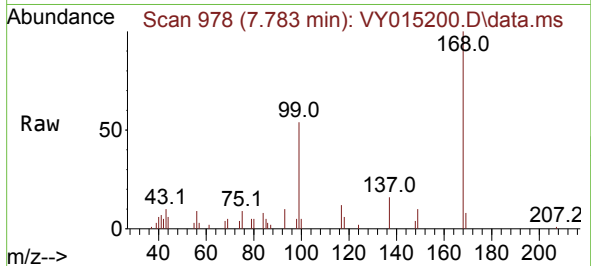




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

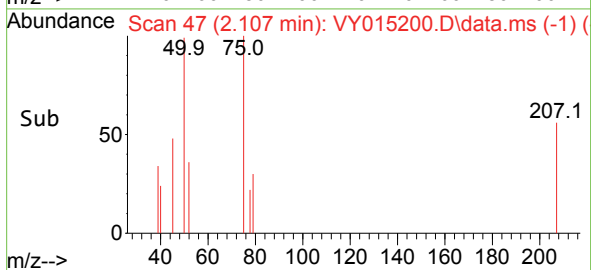
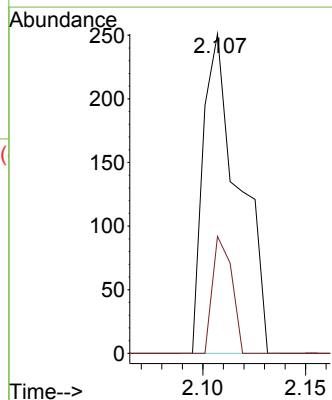
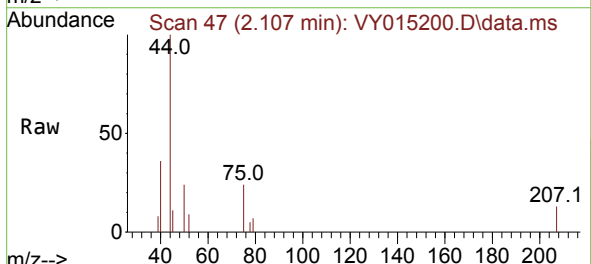
Instrument :
MSVOA_Y
ClientSampleId :

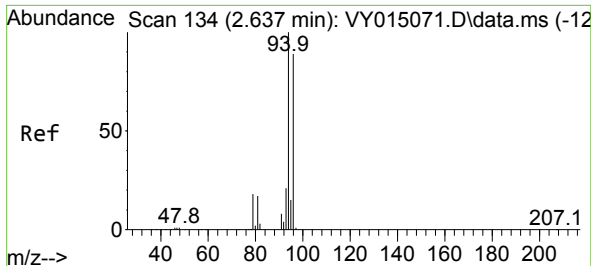
Tgt Ion:168 Resp: 10427
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#3
Chloromethane
Concen: 1.134 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion: 50 Resp: 303
Ion Ratio Lower Upper
50 100
52 36.7 25.4 38.2

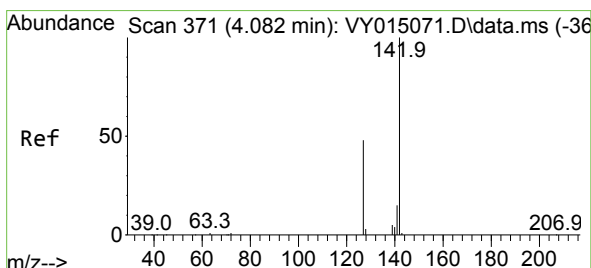
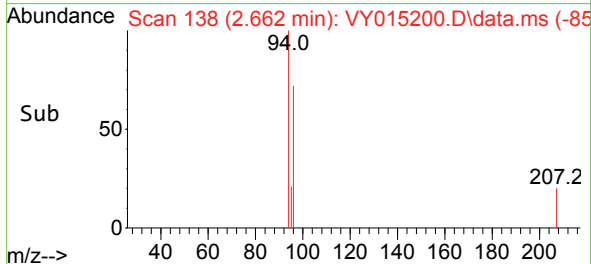
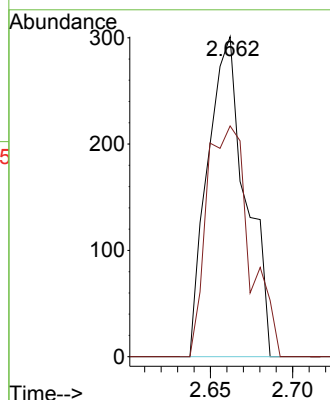
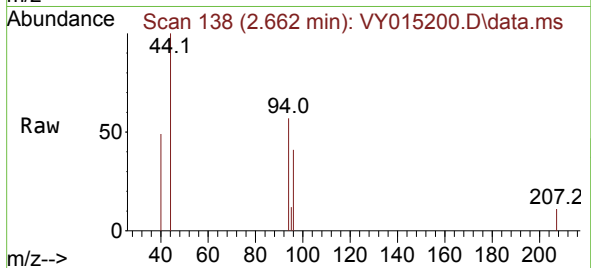




#5
Bromomethane
Concen: 6.641 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

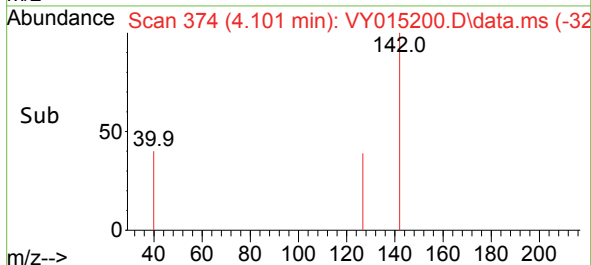
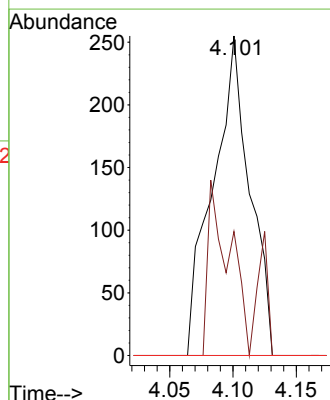
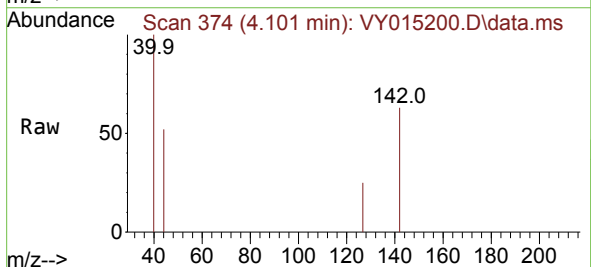
Instrument :
MSVOA_Y
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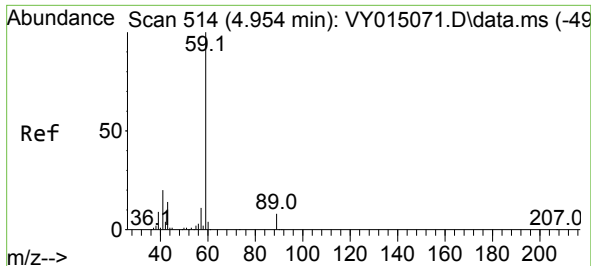
Tgt Ion: 94 Resp: 484
Ion Ratio Lower Upper
94 100
96 72.1 75.8 113.6#



#10
Methyl Iodide
Concen: 6.048 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.018 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion:142 Resp: 516
Ion Ratio Lower Upper
142 100
127 32.4 37.6 56.4#
141 0.0 11.8 17.8#

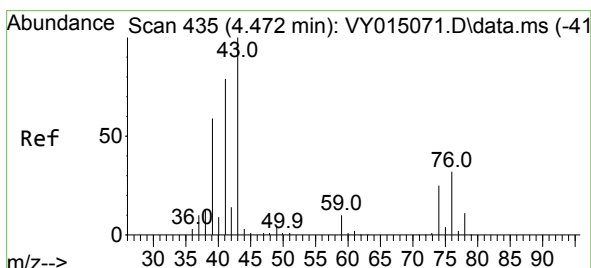
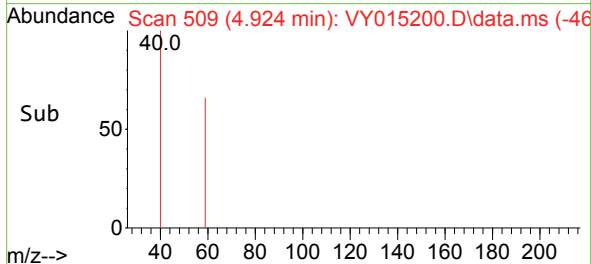
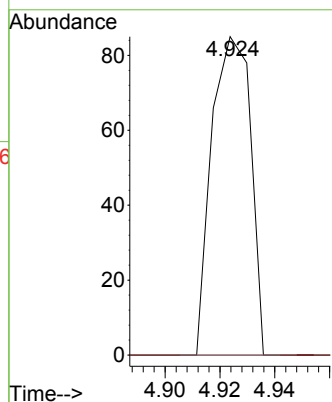
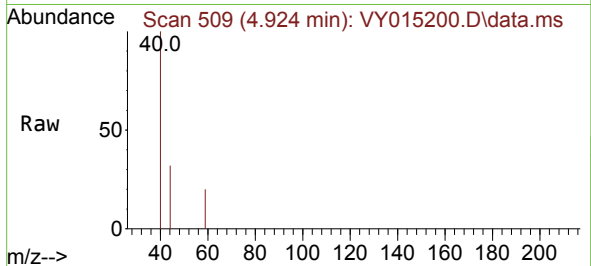




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

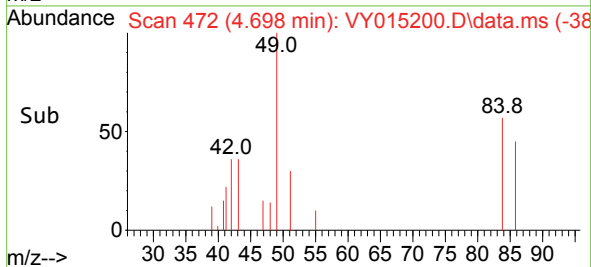
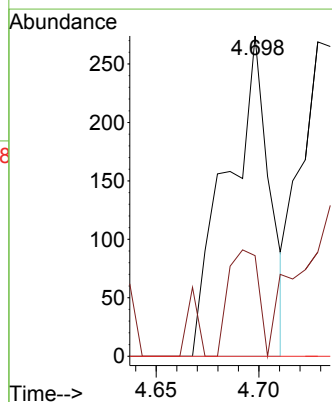
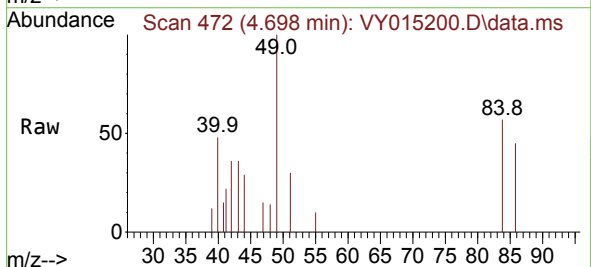
Instrument :
MSVOA_Y
ClientSampleId :

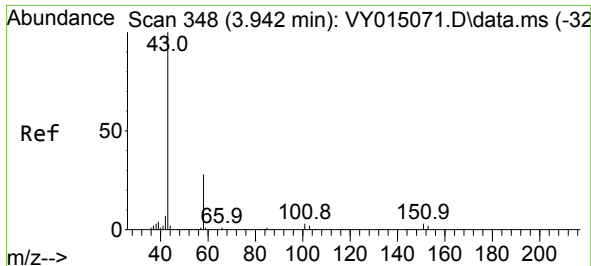
Tgt Ion: 59 Resp: 84
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#14
Allyl chloride
Concen: 3.047 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.226 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion: 41 Resp: 392
Ion Ratio Lower Upper
41 100
39 23.7 58.0 87.0#
76 0.0 27.4 41.2#

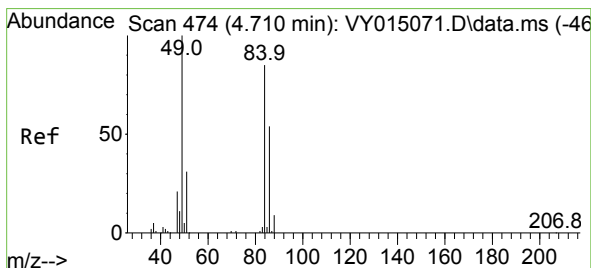
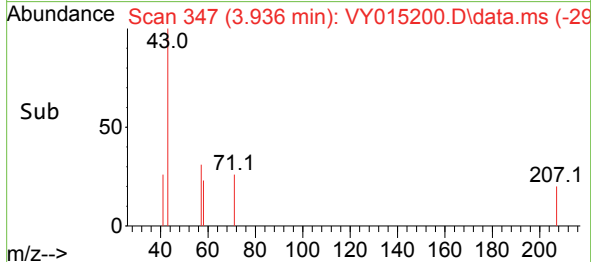
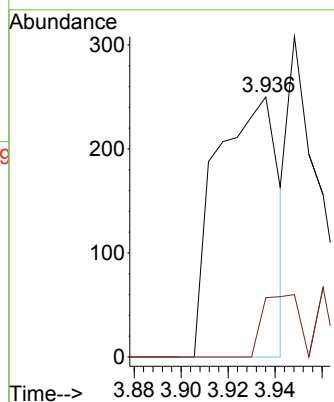
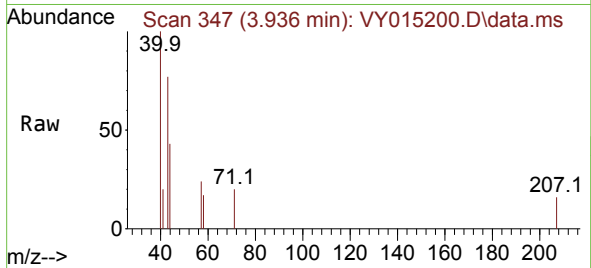




#16
Acetone
Concen: 11.176 ug/l
RT: 3.936 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

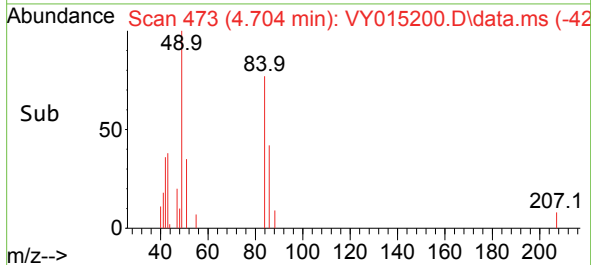
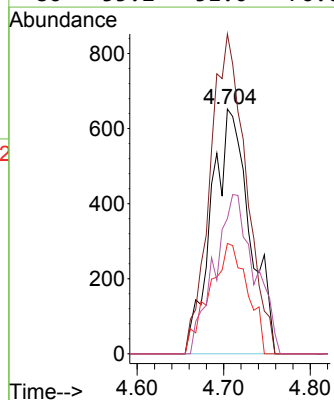
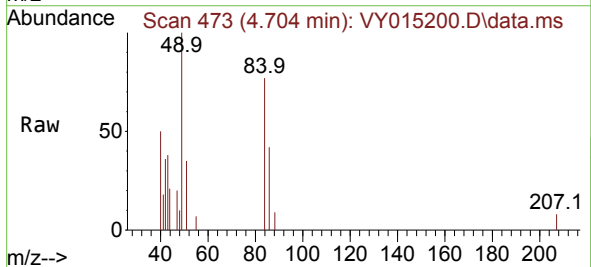
Instrument :
MSVOA_Y
ClientSampleId :

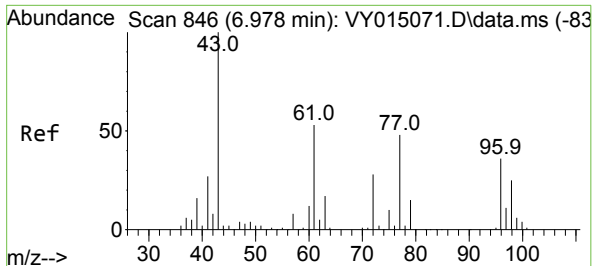
Tgt Ion: 43 Resp: 457
Ion Ratio Lower Upper
43 100
58 22.8 22.7 34.1



#20
Methylene Chloride
Concen: 17.679 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion: 84 Resp: 2007
Ion Ratio Lower Upper
84 100
49 130.7 106.9 160.3
51 45.1 33.2 49.8
86 55.2 51.0 76.6





#25

2-Butanone

Concen: 2.902 ug/l

RT: 6.954 min Scan# 842

Delta R.T. -0.024 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

Instrument :

MSVOA_Y

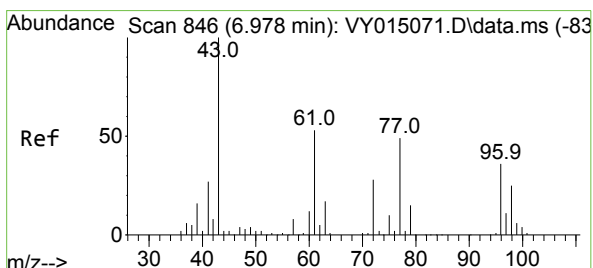
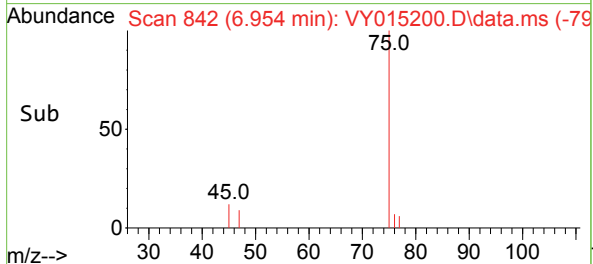
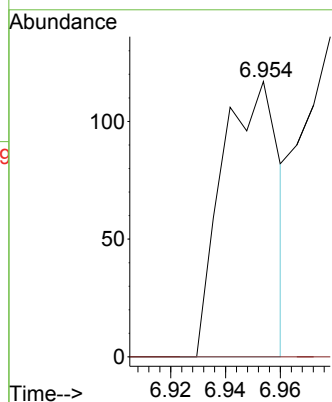
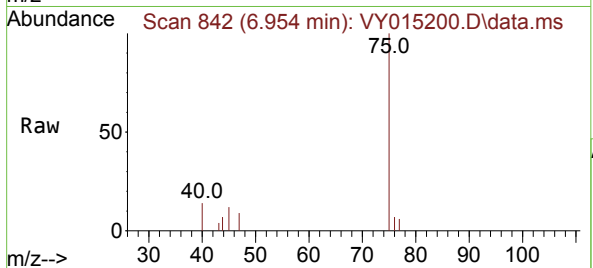
ClientSampleId :

Tgt Ion: 43 Resp: 168

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 2.400 ug/l

RT: 6.954 min Scan# 842

Delta R.T. -0.018 min

Lab File: VY015200.D

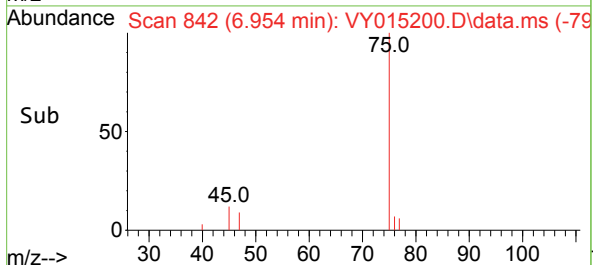
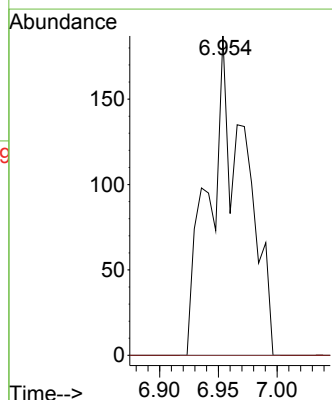
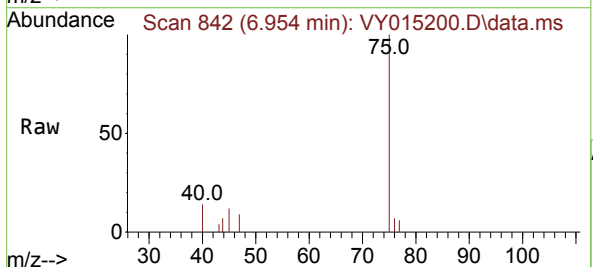
Acq: 18 Aug 2023 16:59

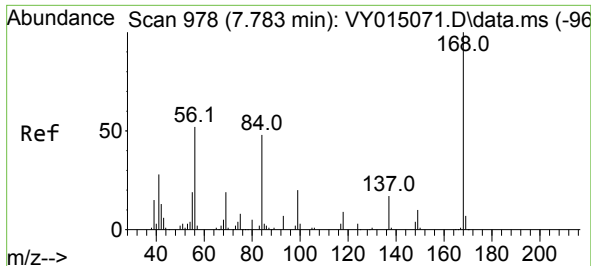
Tgt Ion: 77 Resp: 402

Ion Ratio Lower Upper

77 100

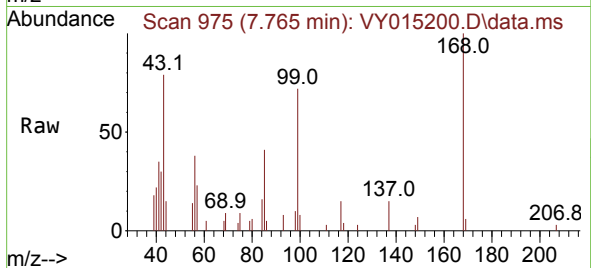
97 0.0 10.9 32.9#



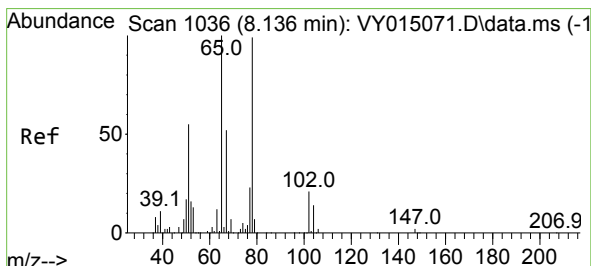
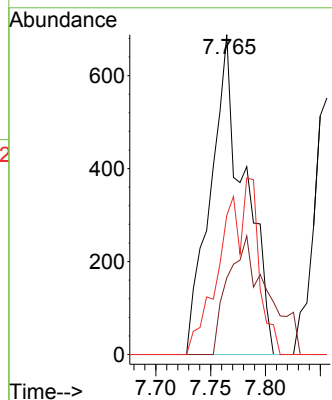
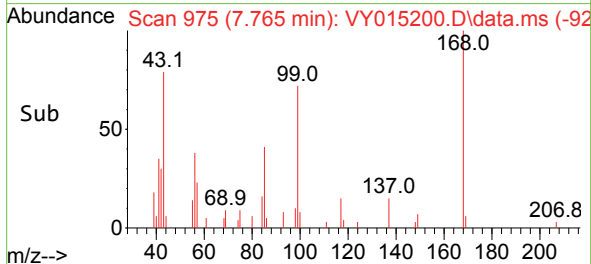


#31
Cyclohexane
Concen: 11.354 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :

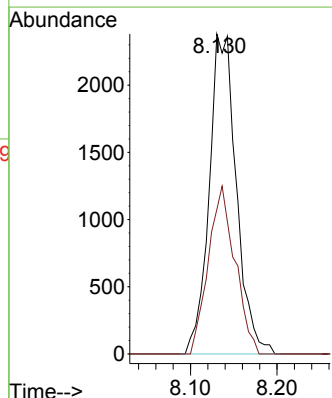
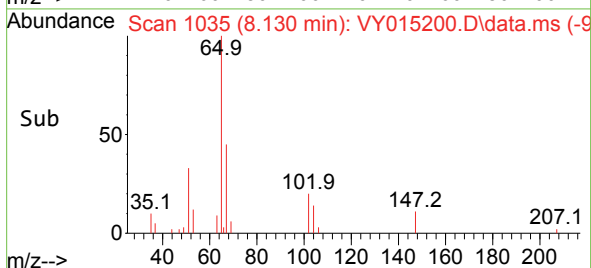
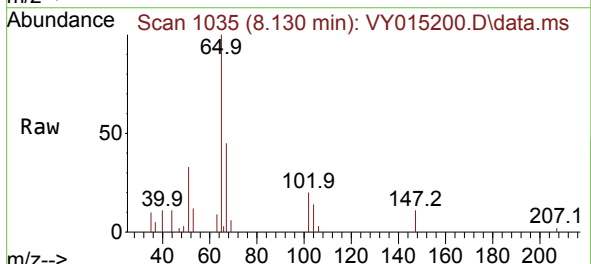


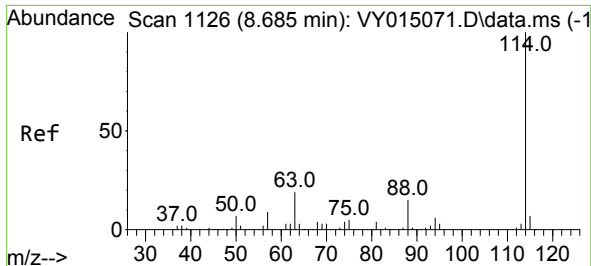
Tgt Ion: 56 Resp: 1490
Ion Ratio Lower Upper
56 100
69 24.0 27.8 41.6#
84 43.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 41.441 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion: 65 Resp: 5187
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8

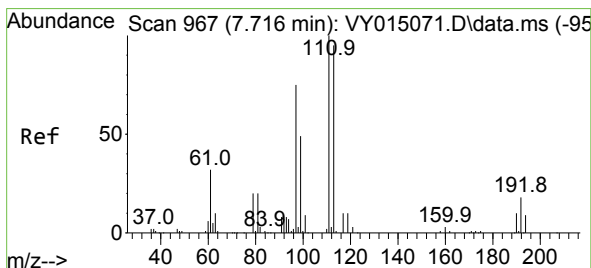
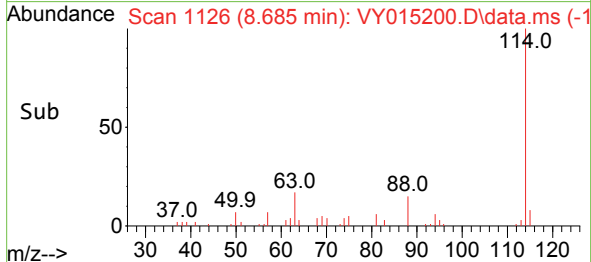
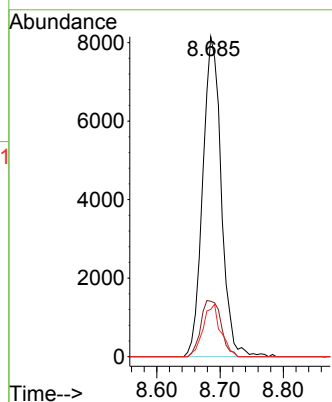
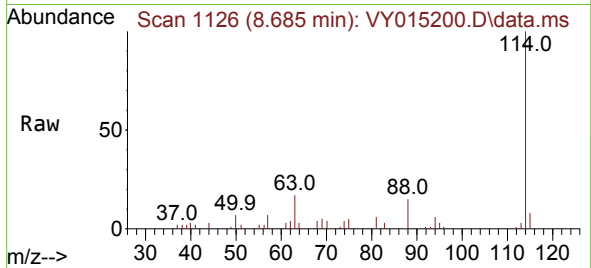




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

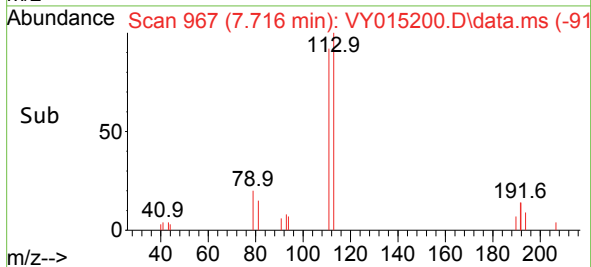
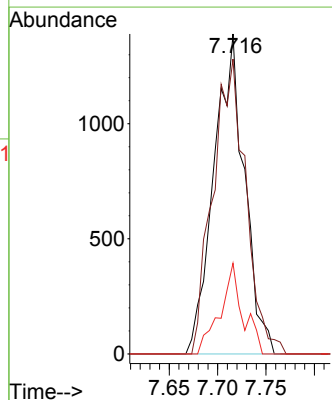
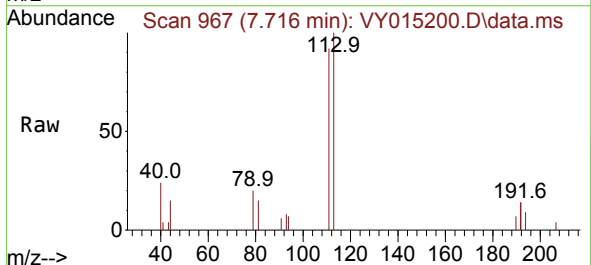
Instrument :
MSVOA_Y
ClientSampleId :

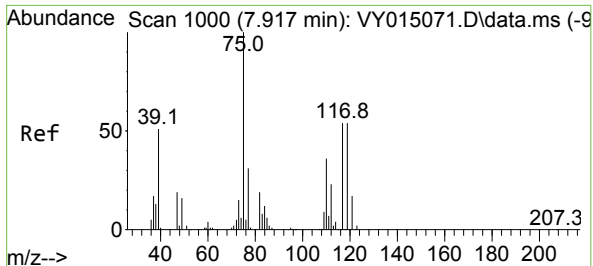
Tgt Ion:114 Resp: 16614
Ion Ratio Lower Upper
114 100
63 17.3 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 28.554 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion:113 Resp: 3052
Ion Ratio Lower Upper
113 100
111 99.3 81.3 121.9
192 21.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.901 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

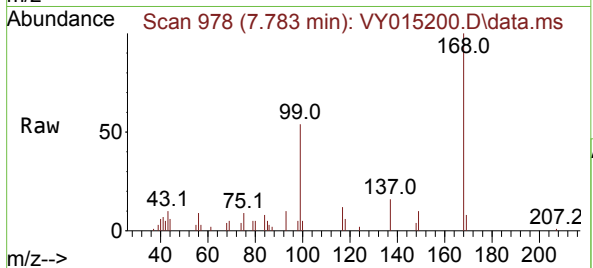
Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

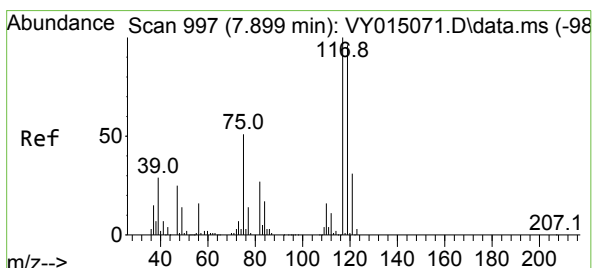
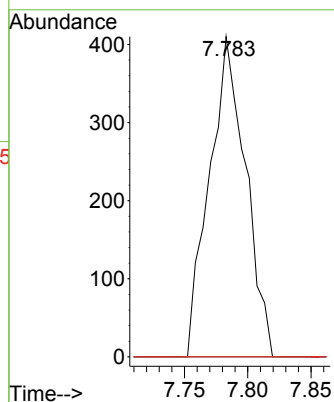
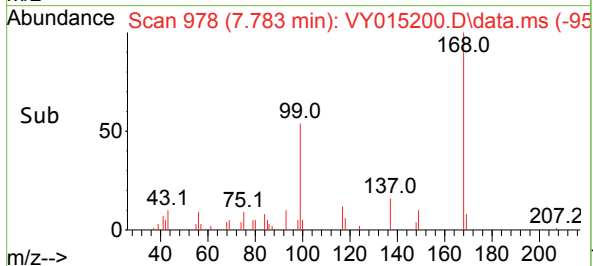
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 816
Ion Ratio	Lower Upper
75	100
110	0.0 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.989 ug/l

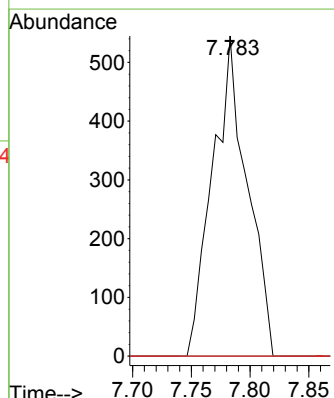
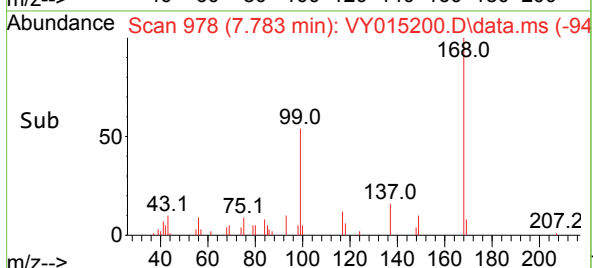
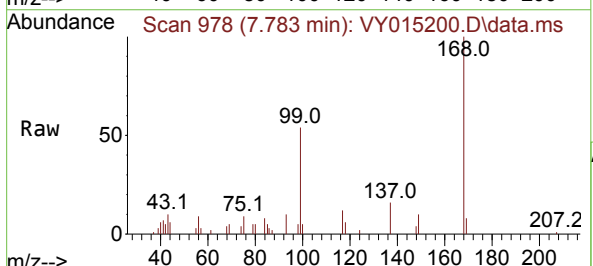
RT: 7.783 min Scan# 978

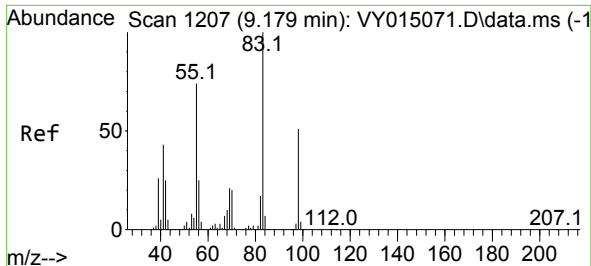
Delta R.T. -0.116 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

Tgt Ion: 117	Resp: 1118
Ion Ratio	Lower Upper
117	100
119	0.0 76.4 114.6#
121	0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 9.686 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

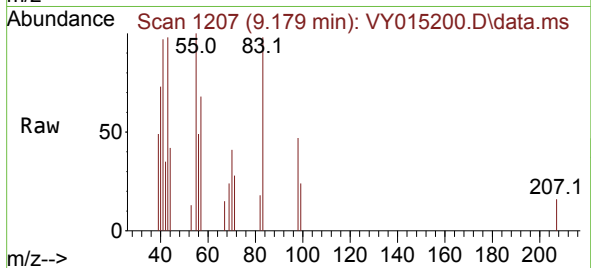
Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :



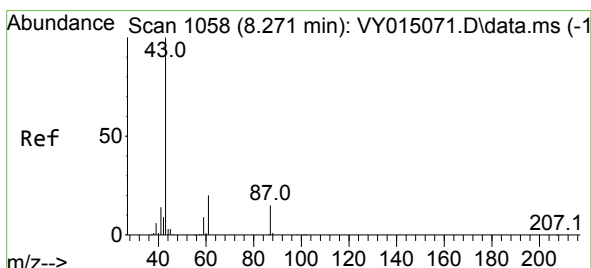
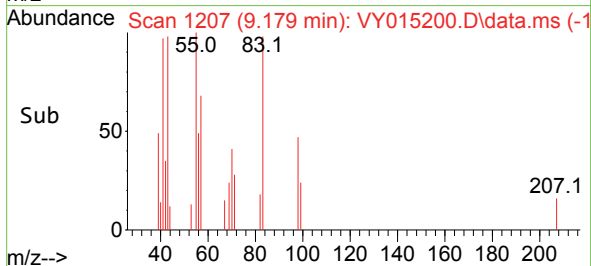
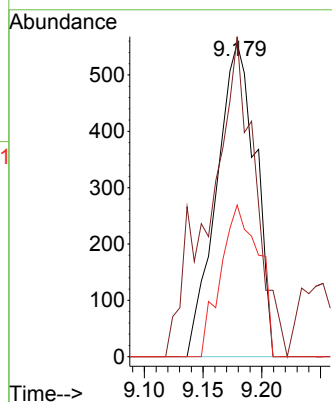
Tgt Ion: 83 Resp: 1284

Ion Ratio Lower Upper

83 100

55 91.4 63.0 94.4

98 48.4 37.4 56.2



#43

Isopropyl Acetate

Concen: 3.871 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

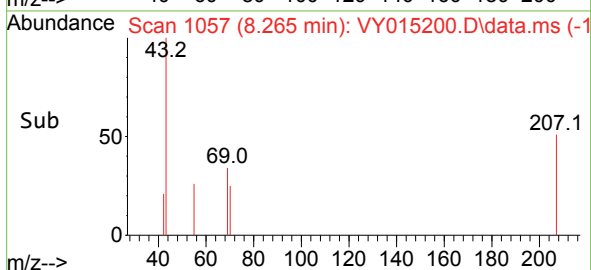
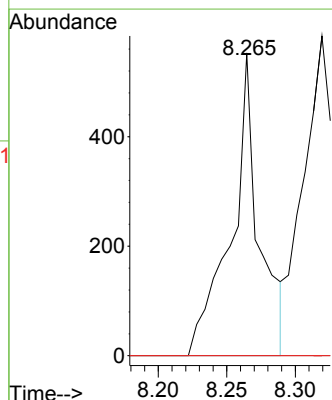
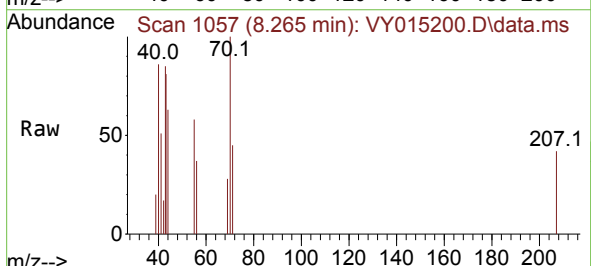
Tgt Ion: 43 Resp: 777

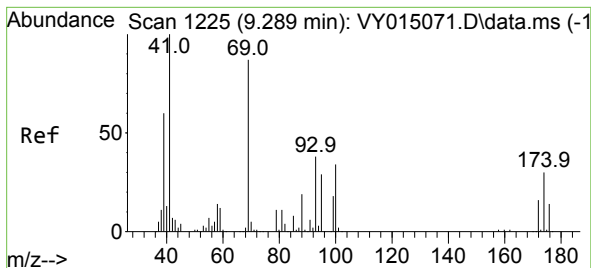
Ion Ratio Lower Upper

43 100

61 0.0 21.1 31.7#

87 0.0 9.8 14.8#





#48

Methyl methacrylate

Concen: 3.086 ug/l

RT: 9.325 min Scan# 1225

Delta R.T. 0.037 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

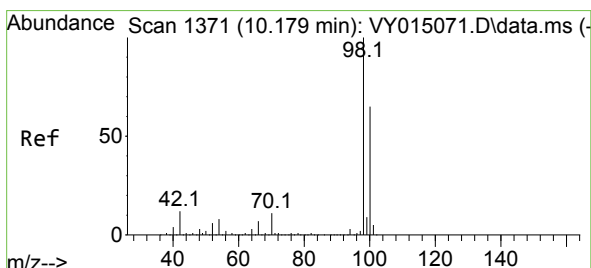
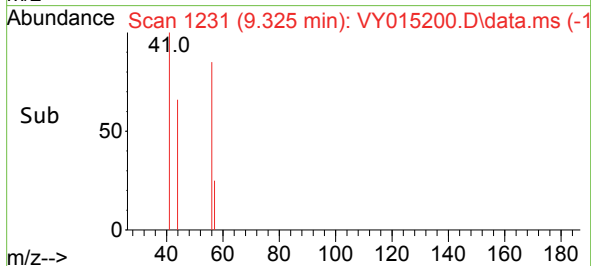
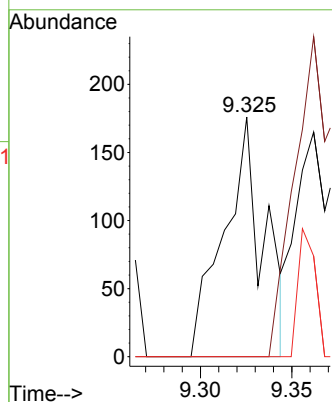
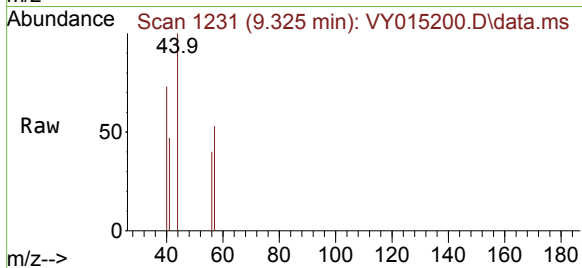
Tgt Ion: 41 Resp: 265

Ion Ratio Lower Upper

41 100

69 0.0 64.5 96.7#

39 0.0 50.8 76.2#



#50

Toluene-d8

Concen: 47.640 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015200.D

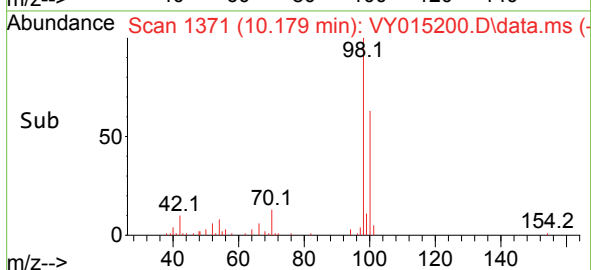
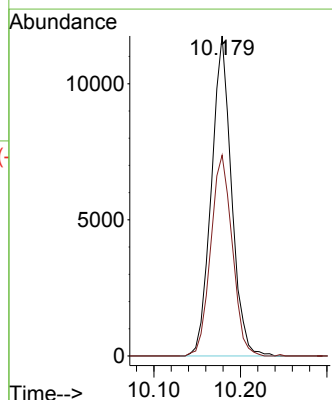
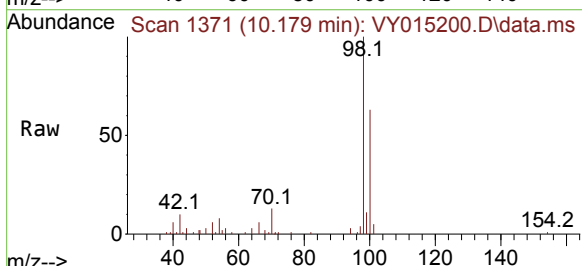
Acq: 18 Aug 2023 16:59

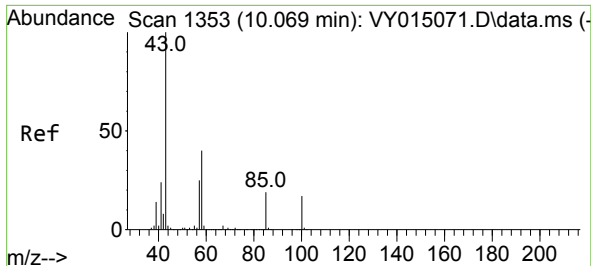
Tgt Ion: 98 Resp: 18955

Ion Ratio Lower Upper

98 100

100 67.0 50.1 75.1

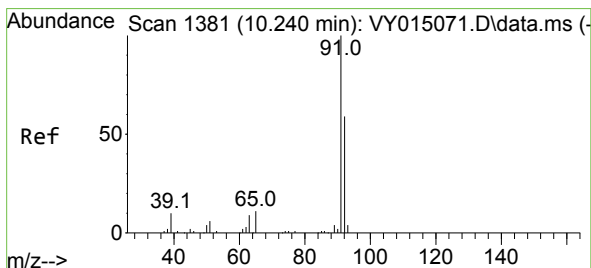
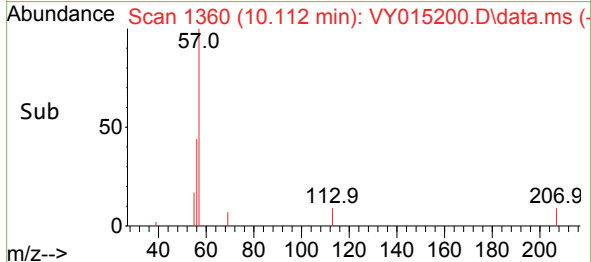
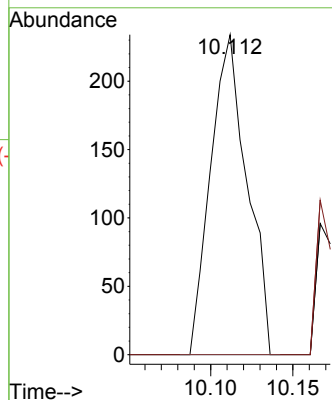
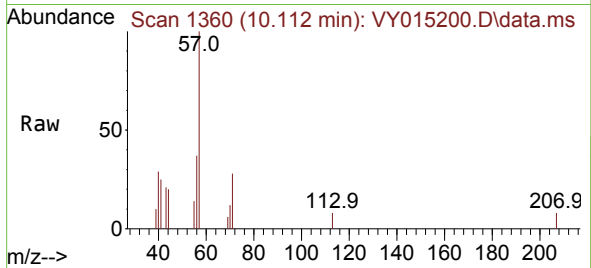




#51
4-Methyl-2-Pentanone
Concen: 3.095 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.043 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

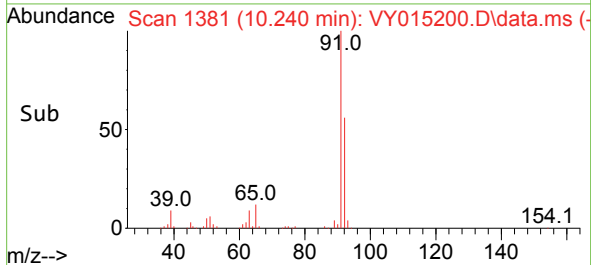
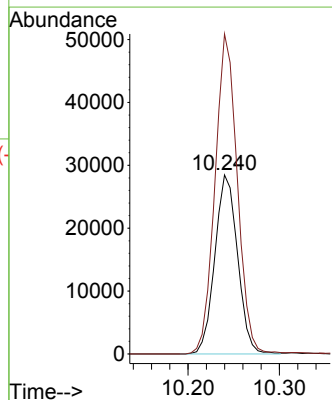
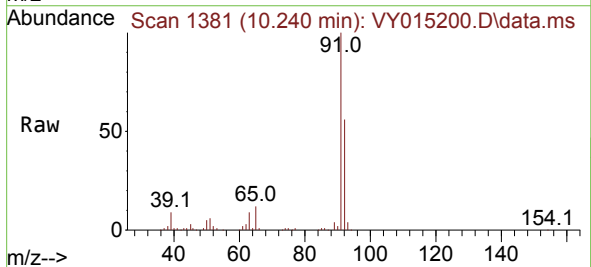
Instrument :
MSVOA_Y
ClientSampleId :

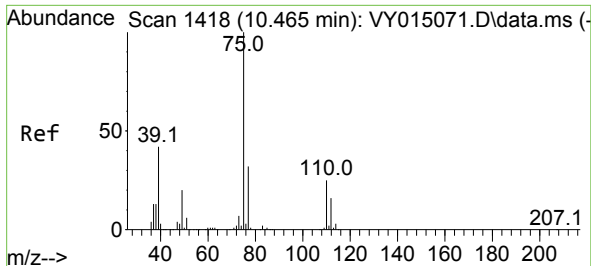
Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#



#52
Toluene
Concen: 208.678 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion: 92 Resp: 49172
Ion Ratio Lower Upper
92 100
91 175.6 143.8 215.6

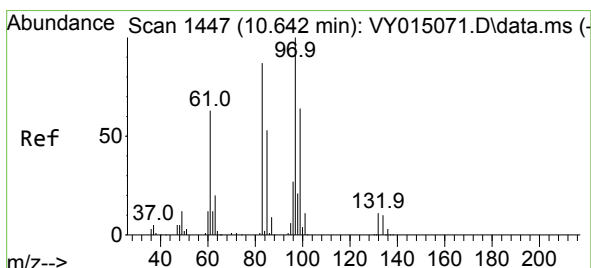
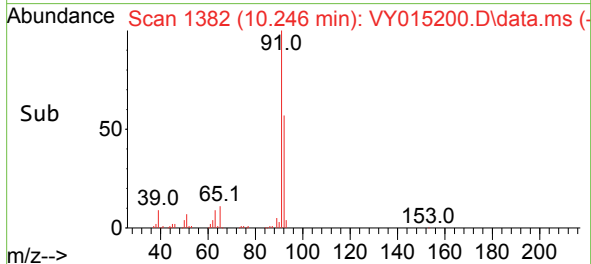
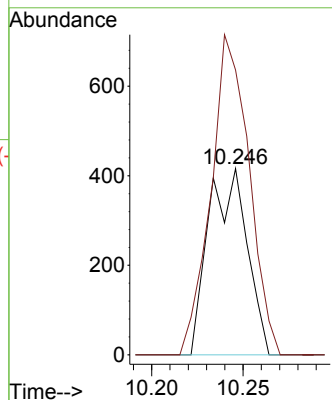
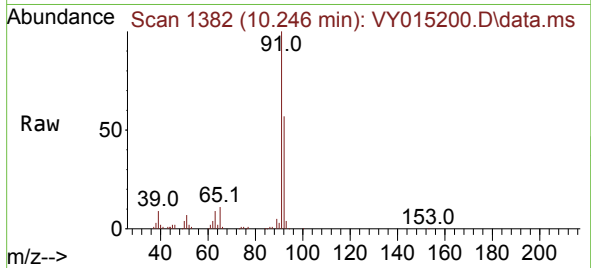




#53
t-1,3-Dichloropropene
Concen: 3.826 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.219 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

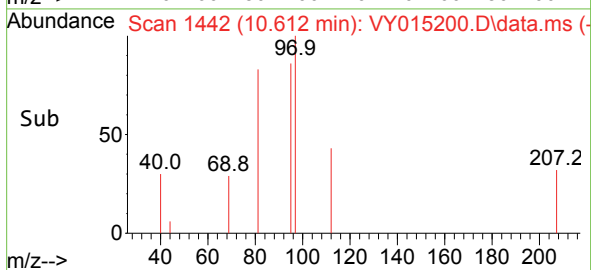
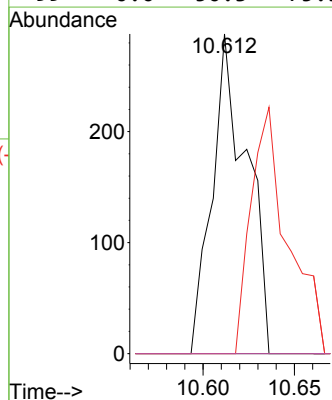
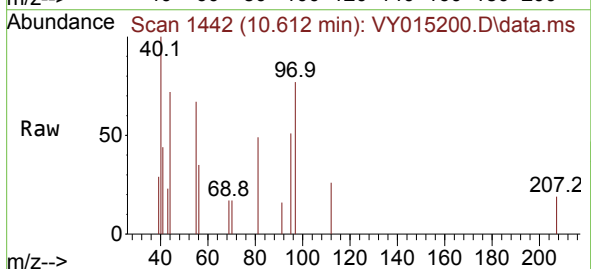
Instrument :
MSVOA_Y
ClientSampleId :

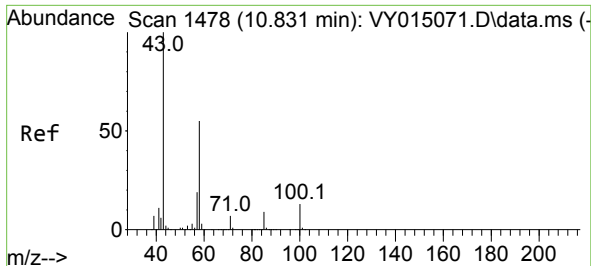
Tgt Ion: 75 Resp: 610
Ion Ratio Lower Upper
75 100
77 152.9 25.0 37.4#



#55
1,1,2-Trichloroethane
Concen: 3.920 ug/l
RT: 10.612 min Scan# 1442
Delta R.T. -0.030 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion: 97 Resp: 379
Ion Ratio Lower Upper
97 100
83 0.0 72.0 108.0#
85 0.0 45.4 68.0#
99 0.0 50.3 75.5#

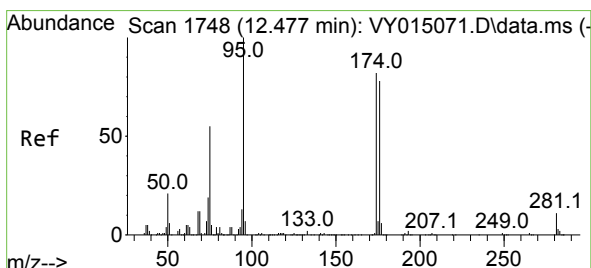
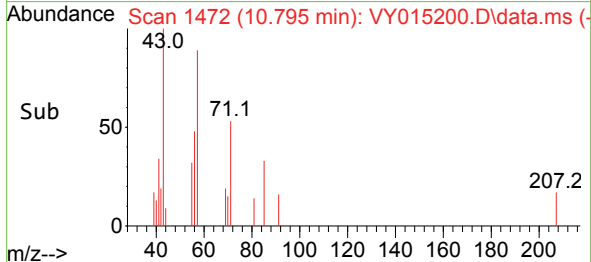
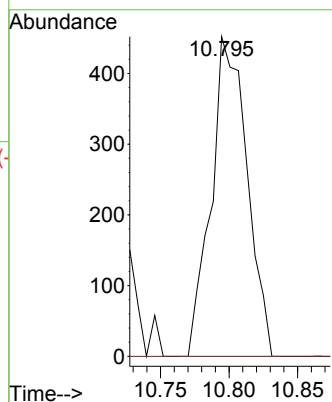
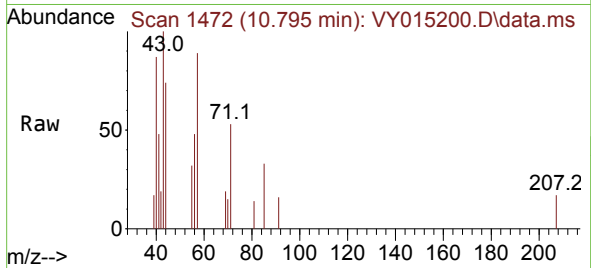




#59
2-Hexanone
Concen: 9.536 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. -0.036 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

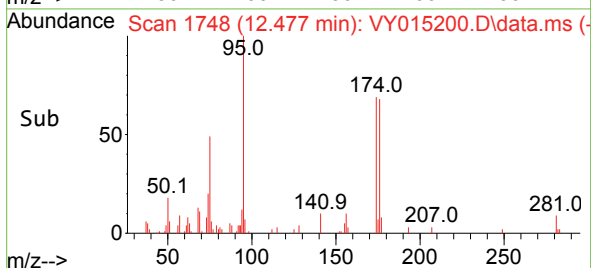
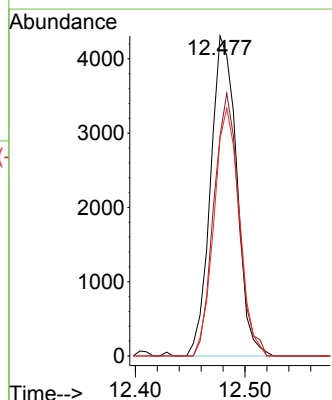
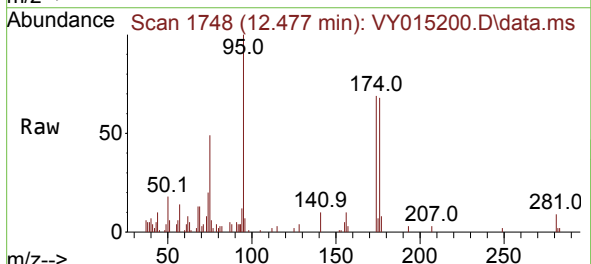
Instrument :
MSVOA_Y
ClientSampleId :

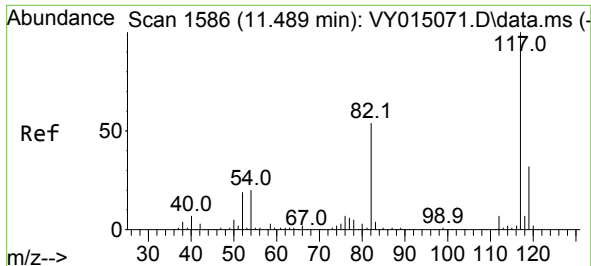
Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 0.0 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 49.104 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

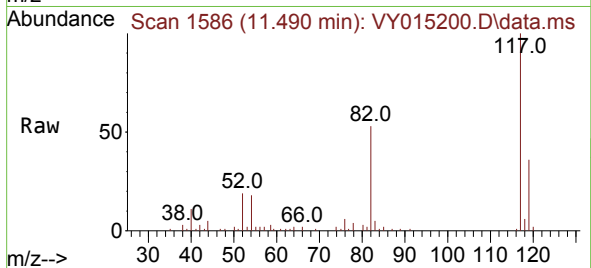
Tgt Ion: 95 Resp: 7136
Ion Ratio Lower Upper
95 100
174 78.2 0.0 178.2
176 75.7 0.0 173.8



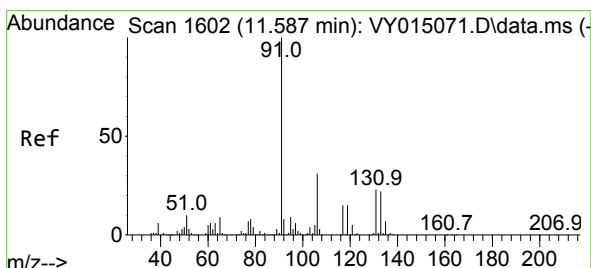
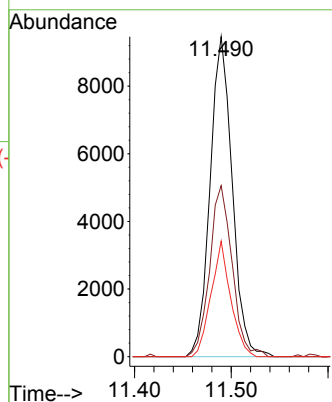
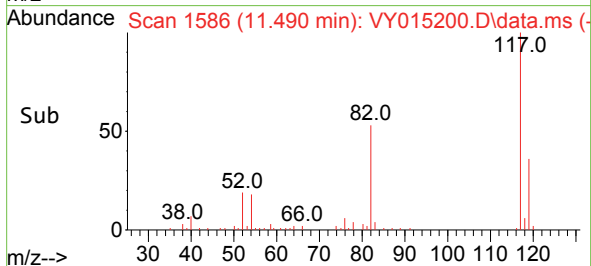


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :

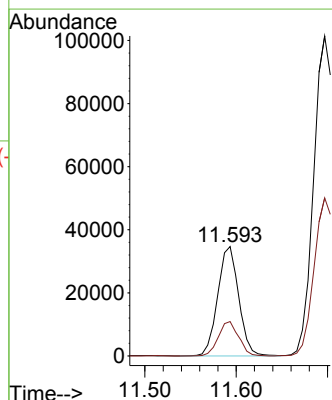
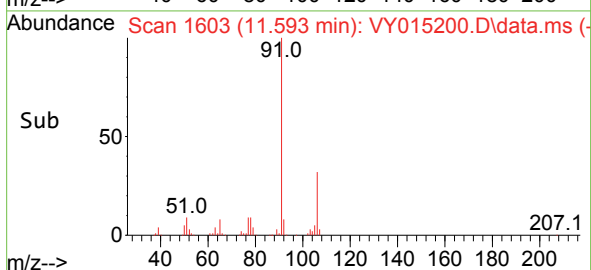
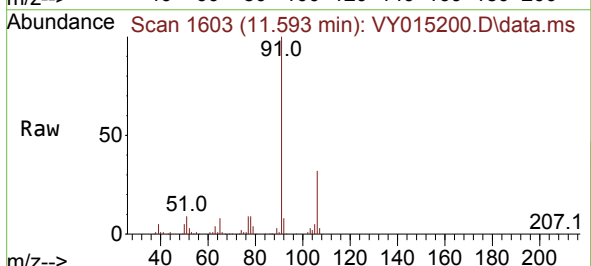


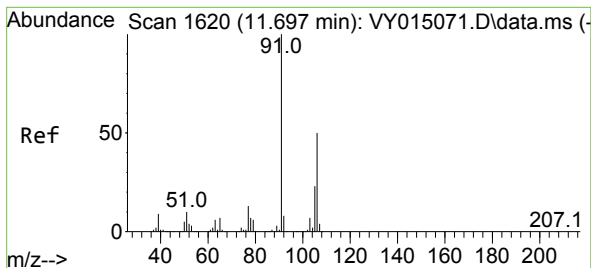
Tgt Ion:117 Resp: 15037
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 36.1 26.3 39.5



#67
Ethyl Benzene
Concen: 115.676 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion: 91 Resp: 55528
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

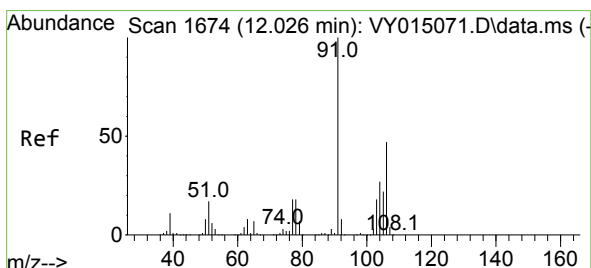
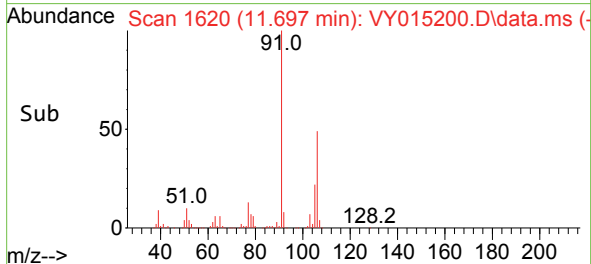
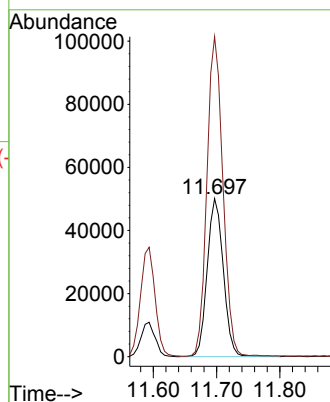
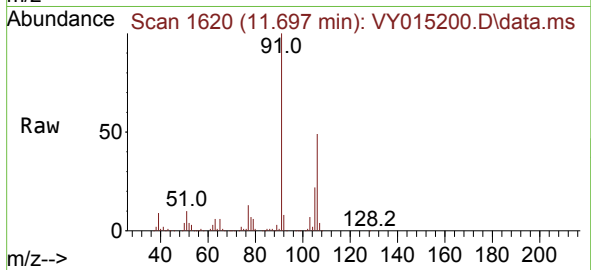




#68
m/p-Xylenes
Concen: 487.523 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

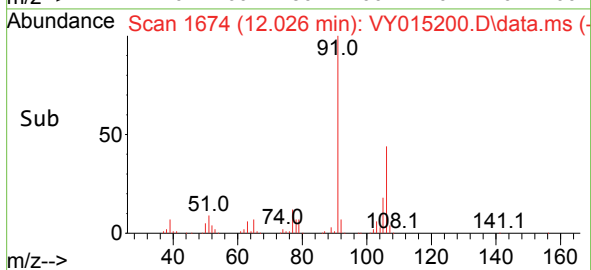
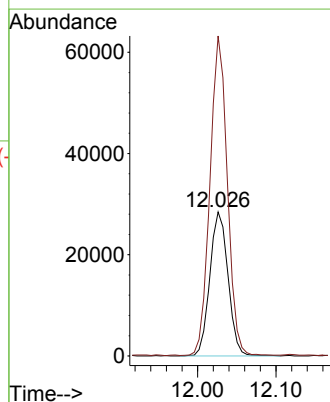
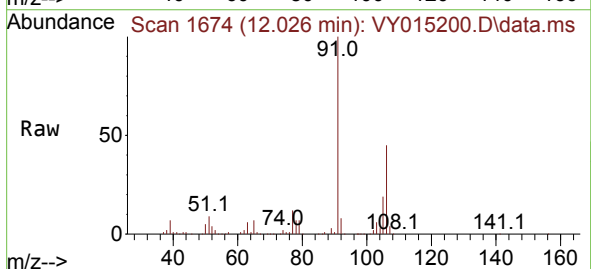
Instrument :
MSVOA_Y
ClientSampleId :

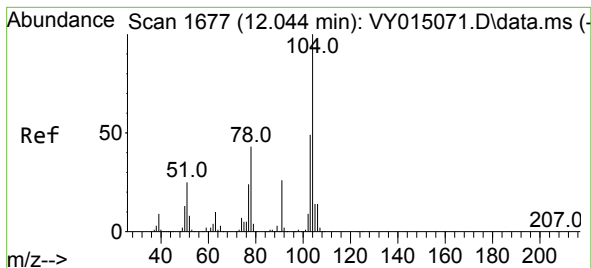
Tgt Ion:106 Resp: 88884
Ion Ratio Lower Upper
106 100
91 201.1 166.1 249.1



#69
o-Xylene
Concen: 252.619 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion:106 Resp: 45881
Ion Ratio Lower Upper
106 100
91 211.9 108.1 324.3





#70

Styrene

Concen: 7.520 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY015200.D

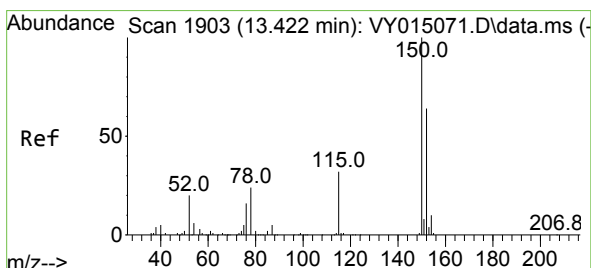
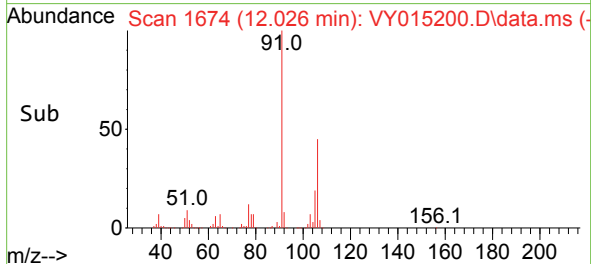
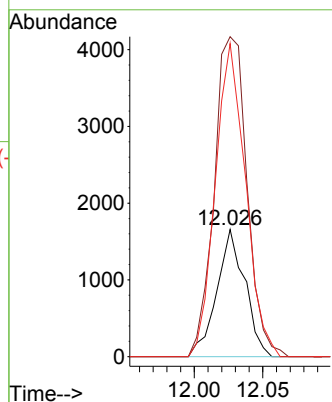
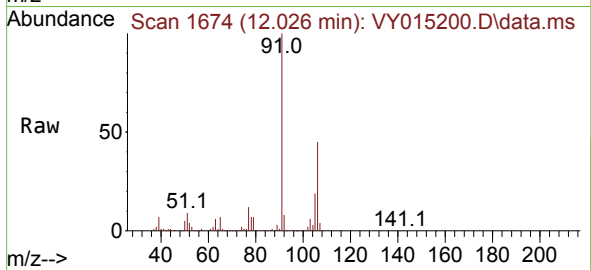
Acq: 18 Aug 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:104	Resp:	2364
Ion Ratio	Lower	Upper
104	100	
78	293.7	41.5 62.3#
103	264.9	44.6 67.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

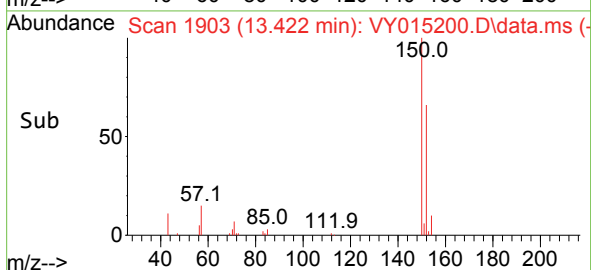
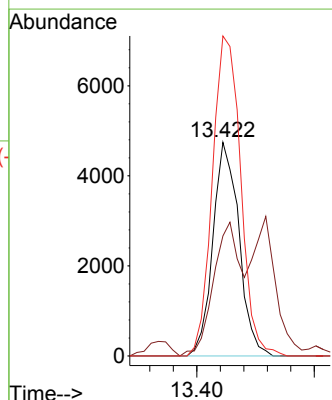
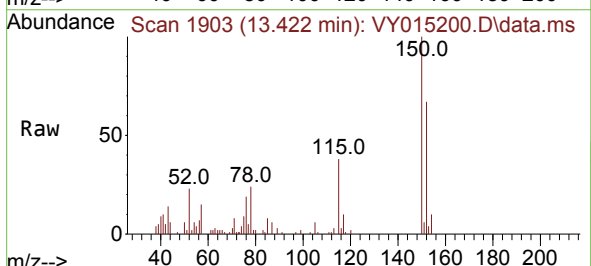
RT: 13.422 min Scan# 1903

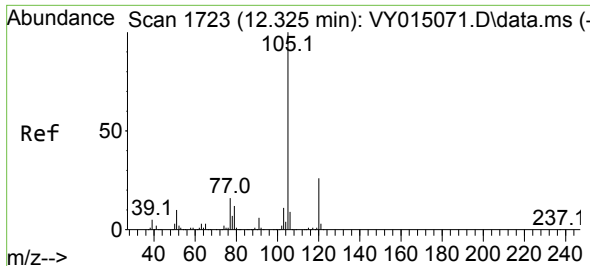
Delta R.T. 0.000 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

Tgt Ion:152	Resp:	7304
Ion Ratio	Lower	Upper
152	100	
115	66.1	28.8 86.5
150	162.6	0.0 348.8

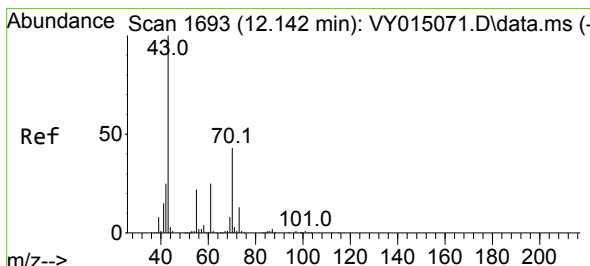
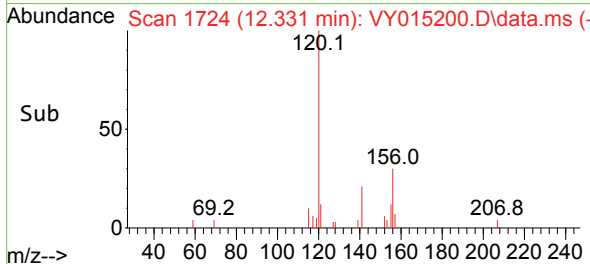
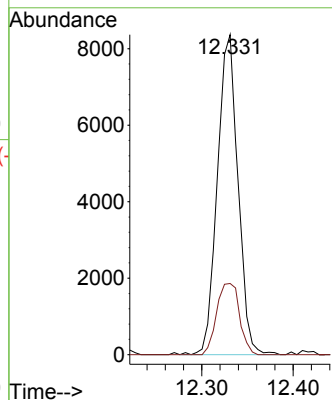
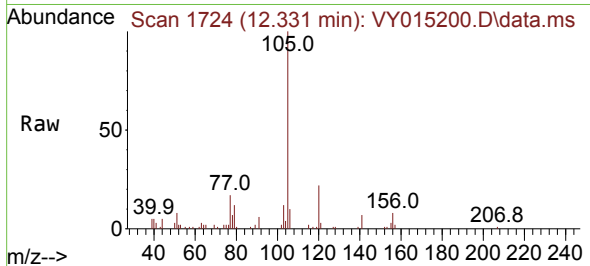




#73
Isopropylbenzene
Concen: 27.922 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

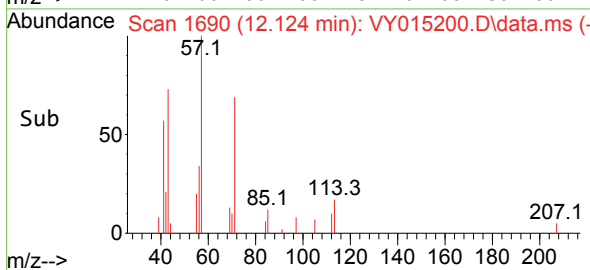
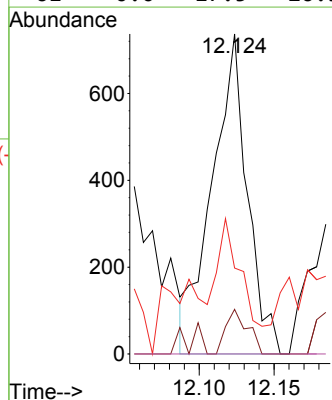
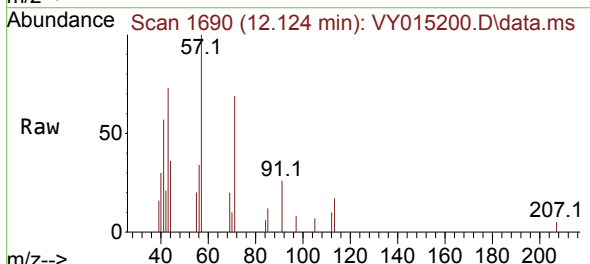
Instrument :
MSVOA_Y
ClientSampleId :

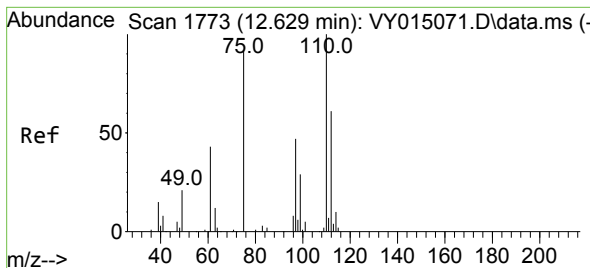
Tgt Ion:105 Resp: 13114
Ion Ratio Lower Upper
105 100
120 24.6 13.3 39.9



#74
N-ethyl acetate
Concen: 7.100 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion: 43 Resp: 1204
Ion Ratio Lower Upper
43 100
70 8.6 29.7 44.5#
55 19.6 18.3 27.5
61 0.0 17.5 26.3#





#76

1,2,3-Trichloropropane

Concen: 5.218 ug/l

RT: 12.672 min Scan# 1773

Delta R.T. 0.043 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

Instrument :

MSVOA_Y

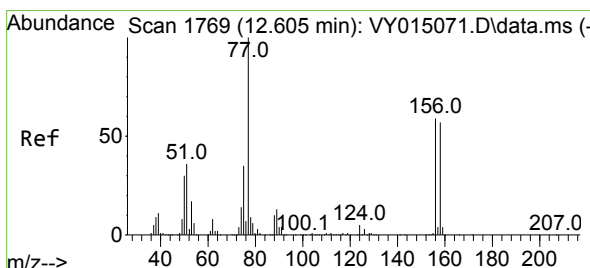
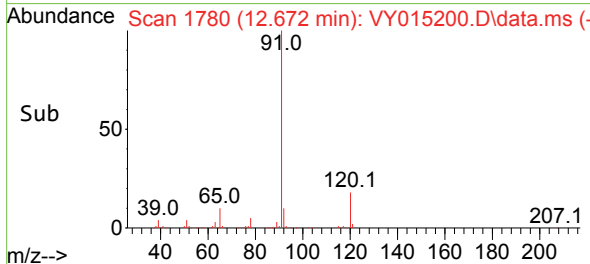
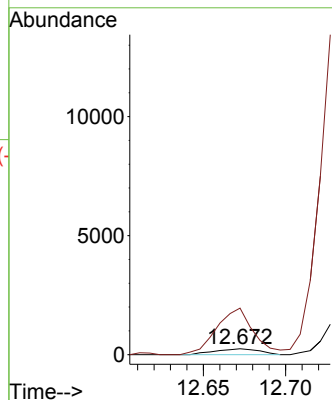
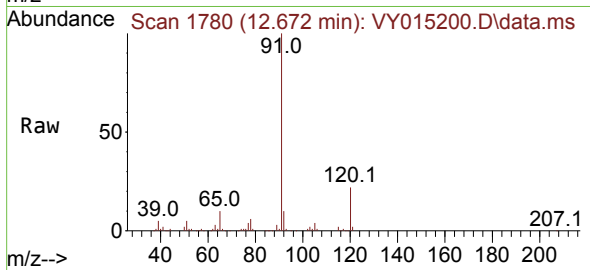
ClientSampleId :

Tgt Ion: 75 Resp: 463

Ion Ratio Lower Upper

75 100

77 656.6 0.0 0.0#



#77

Bromobenzene

Concen: 46.828 ug/l

RT: 12.392 min Scan# 1734

Delta R.T. -0.213 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

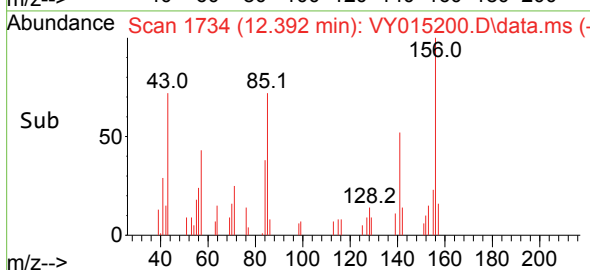
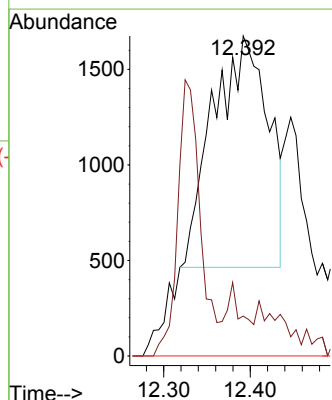
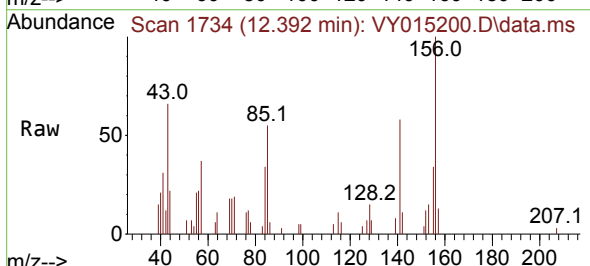
Tgt Ion: 156 Resp: 5361

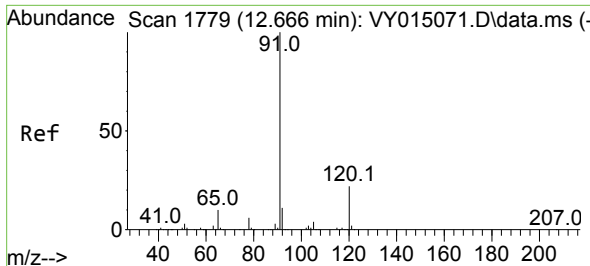
Ion Ratio Lower Upper

156 100

77 0.0 92.8 278.6#

158 0.0 48.4 145.3#

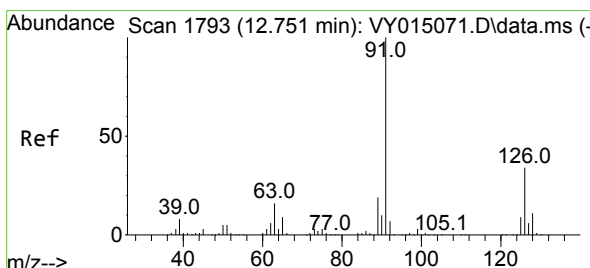
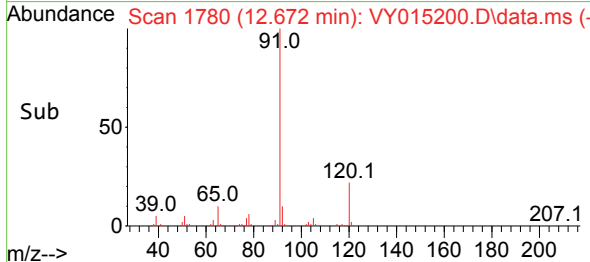
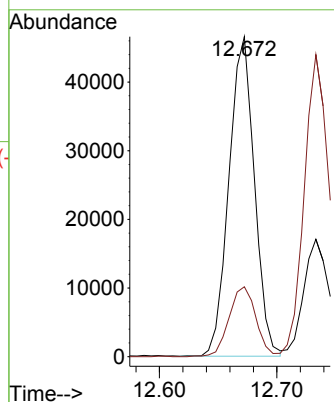
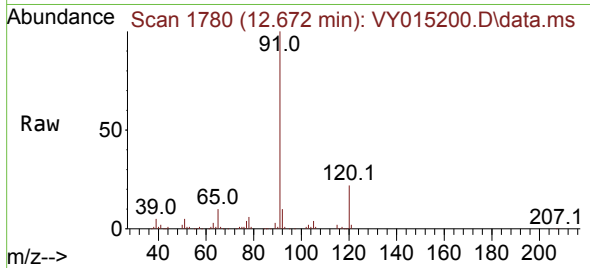




#78
n-propylbenzene
Concen: 125.806 ug/l
RT: 12.672 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

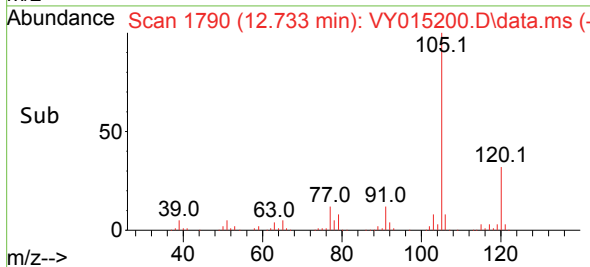
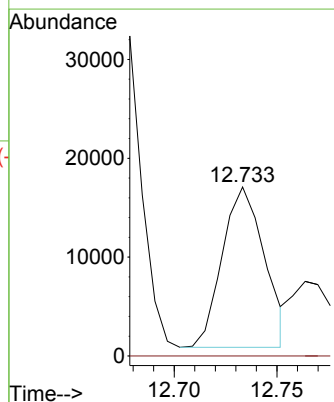
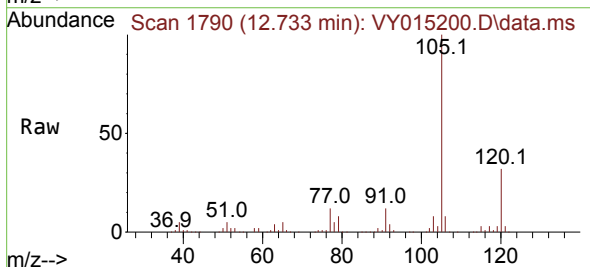
Instrument :
MSVOA_Y
ClientSampleId :

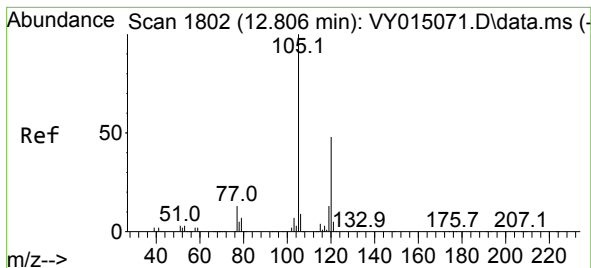
Tgt Ion: 91 Resp: 70166
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4



#79
2-Chlorotoluene
Concen: 72.120 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion: 91 Resp: 23204
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#





#80

1,3,5-Trimethylbenzene

Concen: 250.081 ug/l

RT: 12.813 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

Instrument :

MSVOA_Y

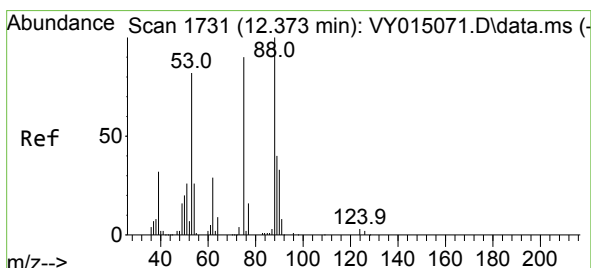
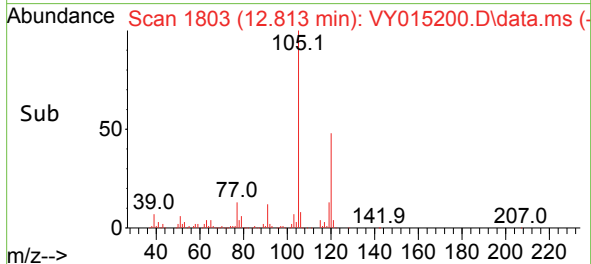
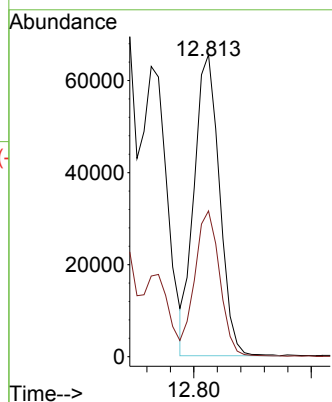
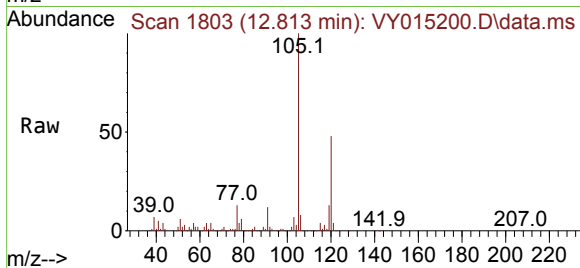
ClientSampleId :

Tgt Ion:105 Resp: 97908

Ion Ratio Lower Upper

105 100

120 47.6 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 4.233 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.043 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

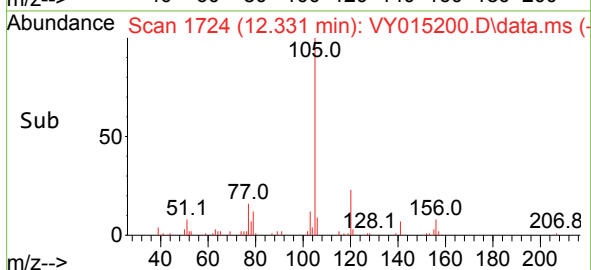
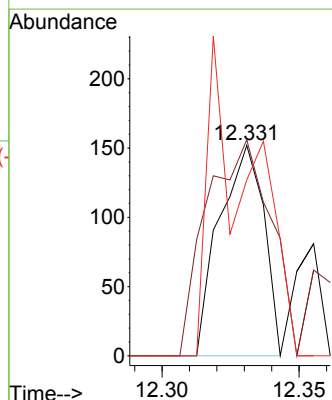
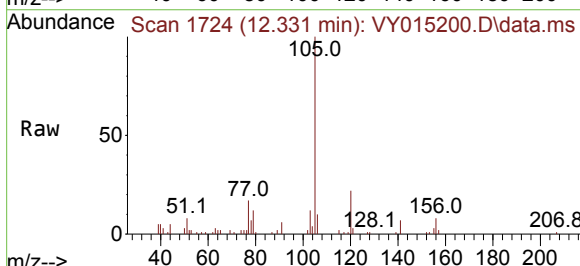
Tgt Ion: 75 Resp: 171

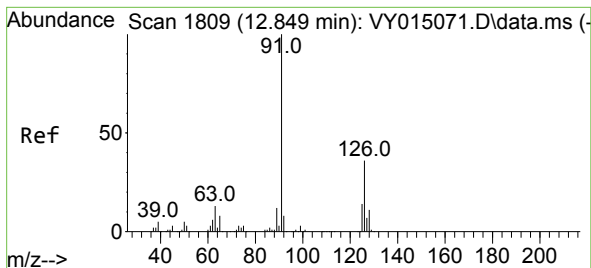
Ion Ratio Lower Upper

75 100

53 148.5 77.8 116.8#

89 146.8 37.4 56.0#

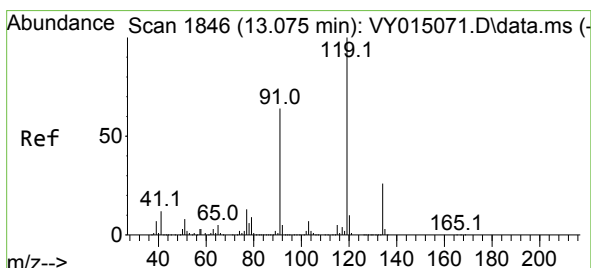
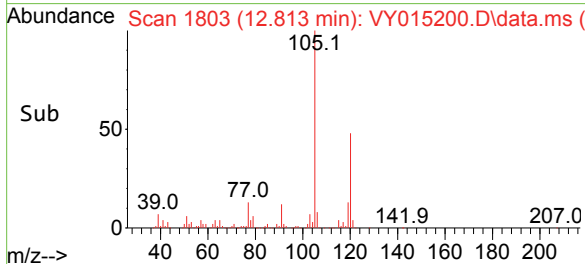
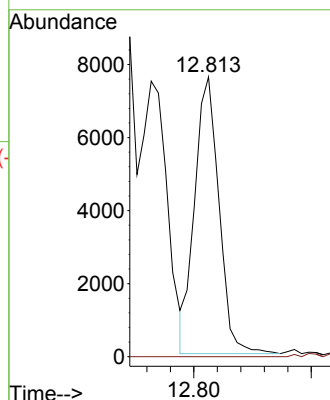
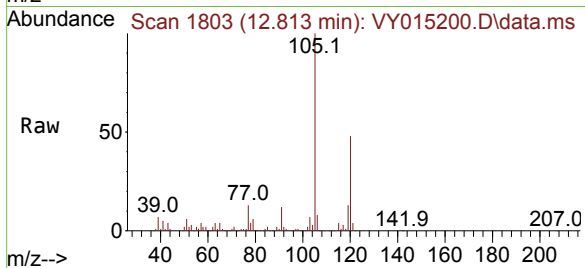




#82
4-Chlorotoluene
Concen: 32.768 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

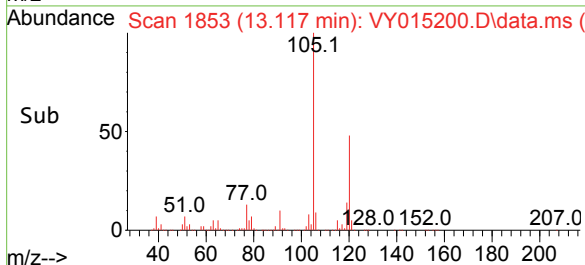
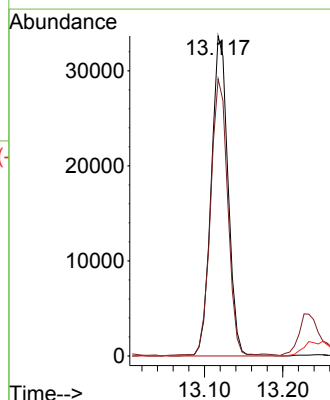
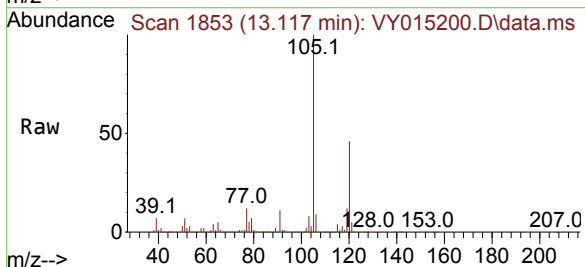
Instrument :
MSVOA_Y
ClientSampleId :

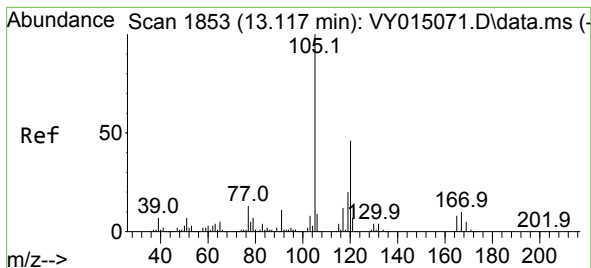
Tgt Ion: 91 Resp: 10892
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 139.135 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.043 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Tgt Ion: 119 Resp: 49824
Ion Ratio Lower Upper
119 100
91 89.0 32.9 98.6
134 0.0 13.0 38.9#





#84

1,2,4-Trimethylbenzene

Concen: 1047.710 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

Instrument :

MSVOA_Y

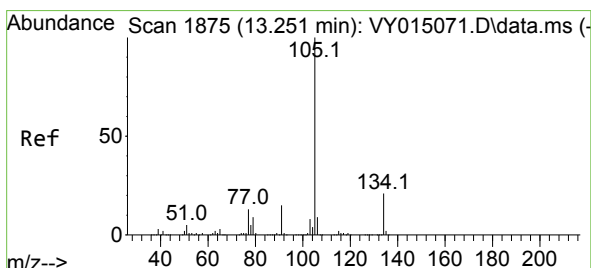
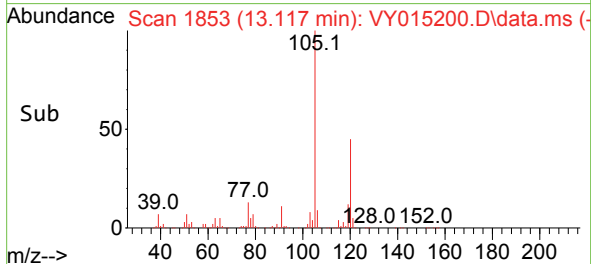
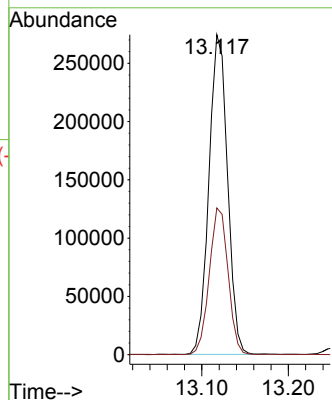
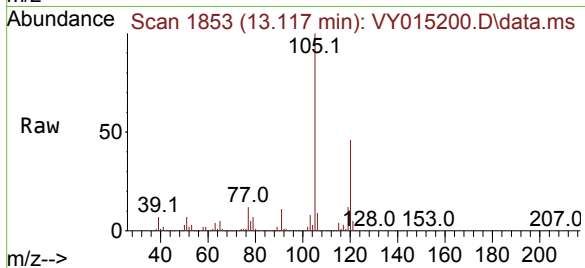
ClientSampleId :

Tgt Ion:105 Resp: 409878

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6



#85

sec-Butylbenzene

Concen: 781.185 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.134 min

Lab File: VY015200.D

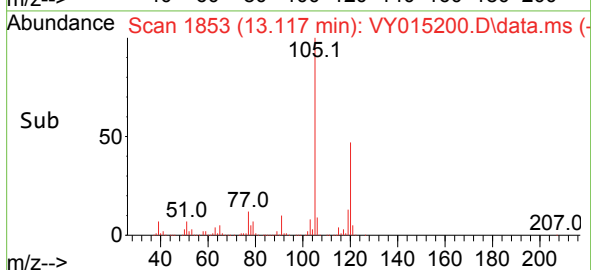
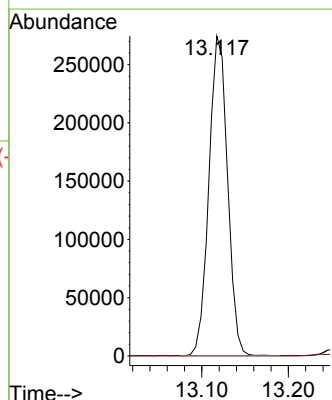
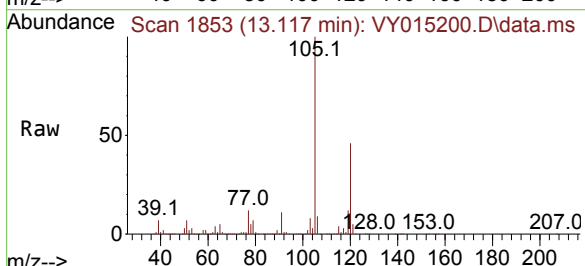
Acq: 18 Aug 2023 16:59

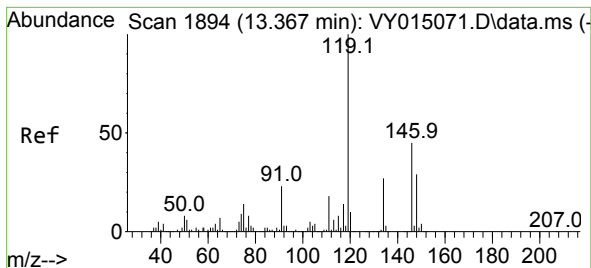
Tgt Ion:105 Resp: 409878

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#





#86

p-Isopropyltoluene

Concen: 32.893 ug/l

RT: 13.312 min Scan# 1885

Delta R.T. -0.055 min

Lab File: VY015200.D

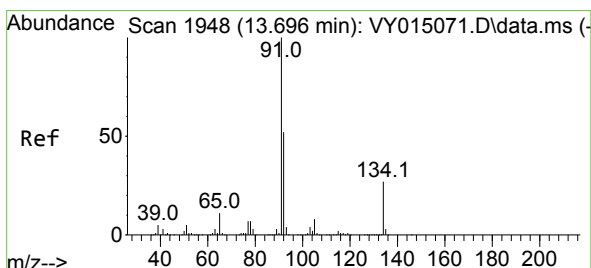
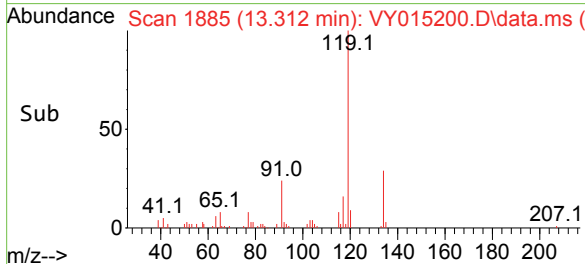
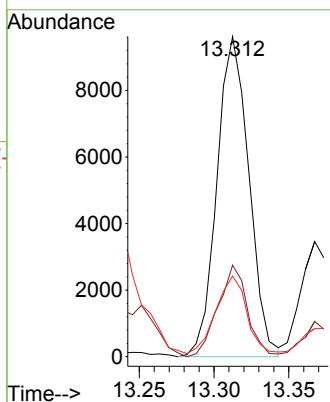
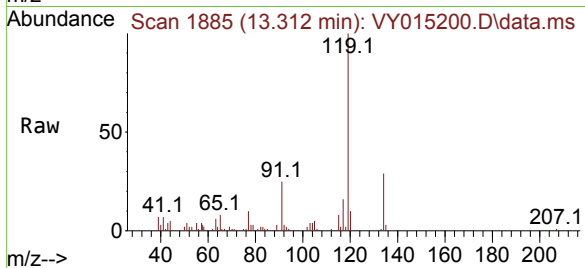
Acq: 18 Aug 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:119	Resp:	14309
Ion	Ratio	Lower Upper
119	100	
134	26.3	13.3 39.8
91	23.2	12.4 37.4



#89

n-Butylbenzene

Concen: 48.235 ug/l

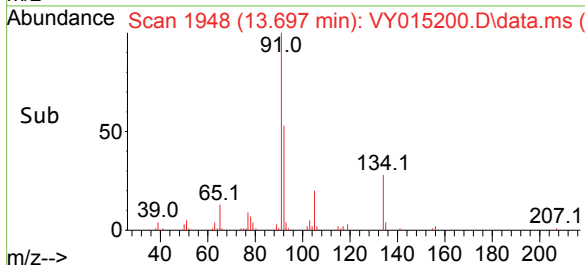
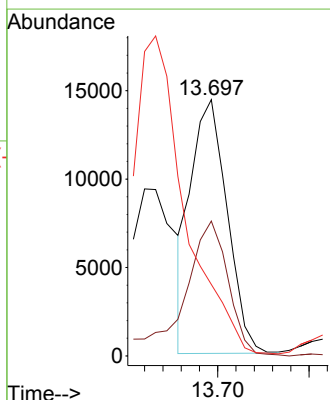
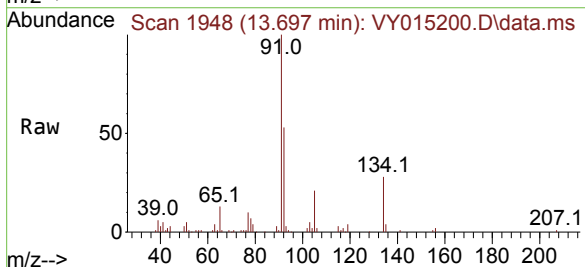
RT: 13.697 min Scan# 1948

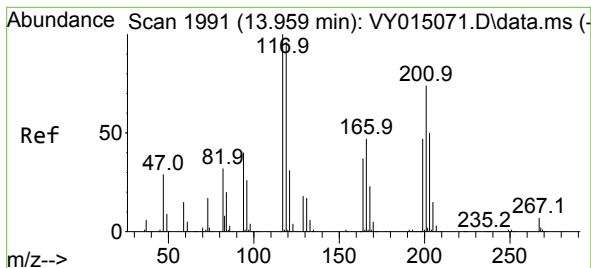
Delta R.T. 0.000 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

Tgt Ion: 91	Resp:	19784
Ion	Ratio	Lower Upper
91	100	
92	64.7	25.4 76.0
134	0.0	12.6 37.6#





#90

Hexachloroethane

Concen: 86.037 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

Instrument :

MSVOA_Y

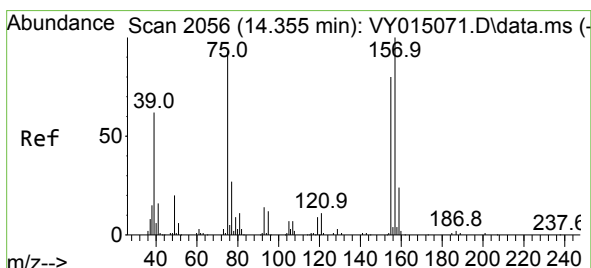
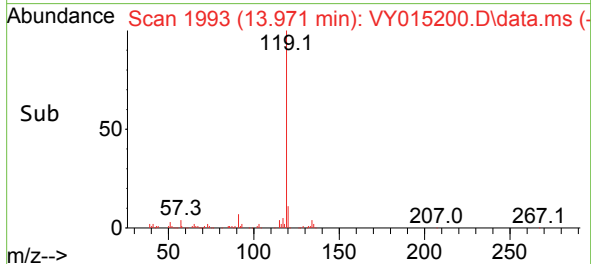
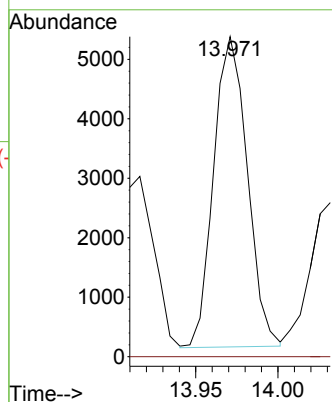
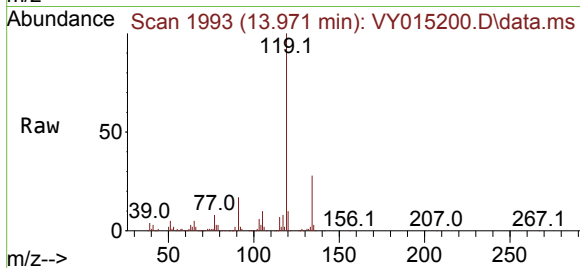
ClientSampleId :

Tgt Ion:117 Resp: 7425

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.223 ug/l

RT: 14.331 min Scan# 2052

Delta R.T. -0.024 min

Lab File: VY015200.D

Acq: 18 Aug 2023 16:59

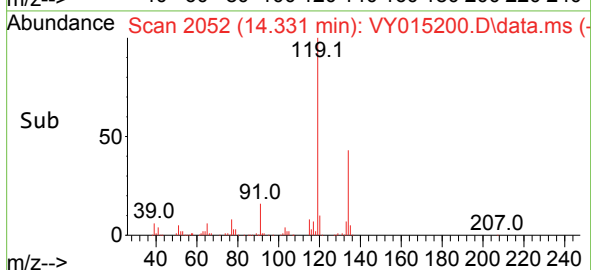
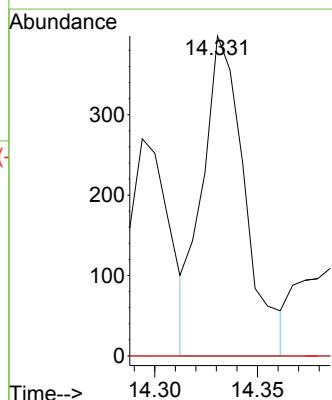
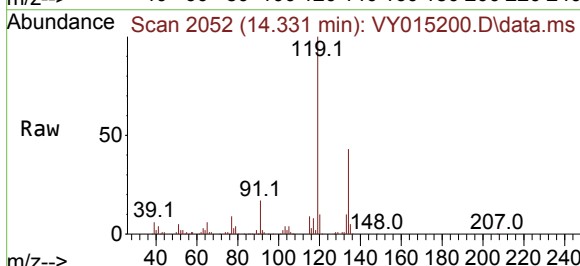
Tgt Ion: 75 Resp: 574

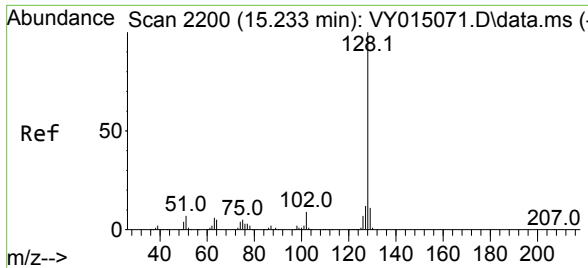
Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

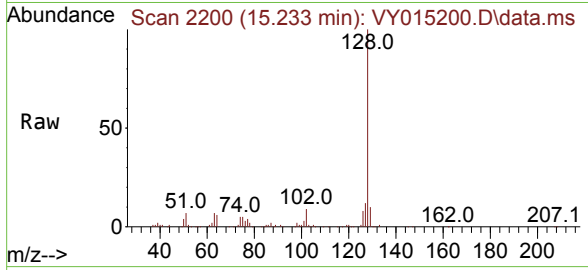
157 0.0 51.8 155.5#





#95
Naphthalene
Concen: 258.255 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY015200.D
Acq: 18 Aug 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.8	16.2
129	11.2	8.6	13.0

