

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018732.D
 Acq On : 28 Jun 2024 16:37
 Operator : SY/MD
 Sample : P3115-14
 Misc : 4.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 01:47:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	93231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	147286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	44726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	37155	39.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.160%
35) Dibromofluoromethane	7.710	113	46709	51.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.980%
50) Toluene-d8	10.173	98	109058	31.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	63.120%
62) 4-Bromofluorobenzene	12.477	95	10078	9.237	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.480%#

Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	12165	72.051	ug/l #	74
16) Acetone	3.936	43	11955	62.602	ug/l #	80
17) Carbon Disulfide	4.174	76	1095	2.608	ug/l #	76
20) Methylene Chloride	4.698	84	23534	13.446	ug/l	94
25) 2-Butanone	6.966	43	2557	8.933	ug/l	93
31) Cyclohexane	7.783	56	2119	1.474	ug/l #	37
36) 1,1-Dichloropropene	7.777	75	6916	5.592	ug/l #	48
37) Ethyl Acetate	7.045	43	617	1.058	ug/l #	67
38) Carbon Tetrachloride	7.783	117	8824	6.801	ug/l #	15
40) Benzene	8.143	78	5912	1.546	ug/l #	89
48) Methyl methacrylate	9.258	41	1492	3.046	ug/l #	32
51) 4-Methyl-2-Pentanone	10.069	43	2418	4.219	ug/l	90
52) Toluene	10.240	92	4140	1.686	ug/l	83
55) 1,1,2-Trichloroethane	10.612	97	775	1.074	ug/l #	23
59) 2-Hexanone	10.831	43	5670	14.123	ug/l	80
65) Chlorobenzene	11.514	112	1002	1.084	ug/l #	61
67) Ethyl Benzene	11.587	91	3084	1.924	ug/l #	80
68) m/p-Xylenes	11.691	106	5549	8.895	ug/l	96
69) o-Xylene	12.020	106	3849	6.416	ug/l	93
73) Isopropylbenzene	12.331	105	2486	2.669	ug/l	98
74) N-amyl acetate	12.105	43	7440	39.002	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.593	83	430	2.600	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	5124	42.819	ug/l #	100
78) n-propylbenzene	12.666	91	3608	3.309	ug/l	99
79) 2-Chlorotoluene	12.806	91	2007	3.261	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	14459	19.584	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5124	112.159	ug/l #	19
82) 4-Chlorotoluene	12.806	91	2007	3.239	ug/l	99
83) tert-Butylbenzene	13.306	119	8632	12.633	ug/l	83
84) 1,2,4-Trimethylbenzene	13.117	105	25897	35.094	ug/l	100
85) sec-Butylbenzene	13.245	105	9922	10.181	ug/l #	71
86) p-Isopropyltoluene	13.367	119	9997	12.100	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	634	1.459	ug/l #	1
88) 1,4-Dichlorobenzene	13.447	146	5018	11.768	ug/l #	1
89) n-Butylbenzene	13.690	91	50966	68.438	ug/l #	76
90) Hexachloroethane	13.971	117	4319	28.776	ug/l #	12

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Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration

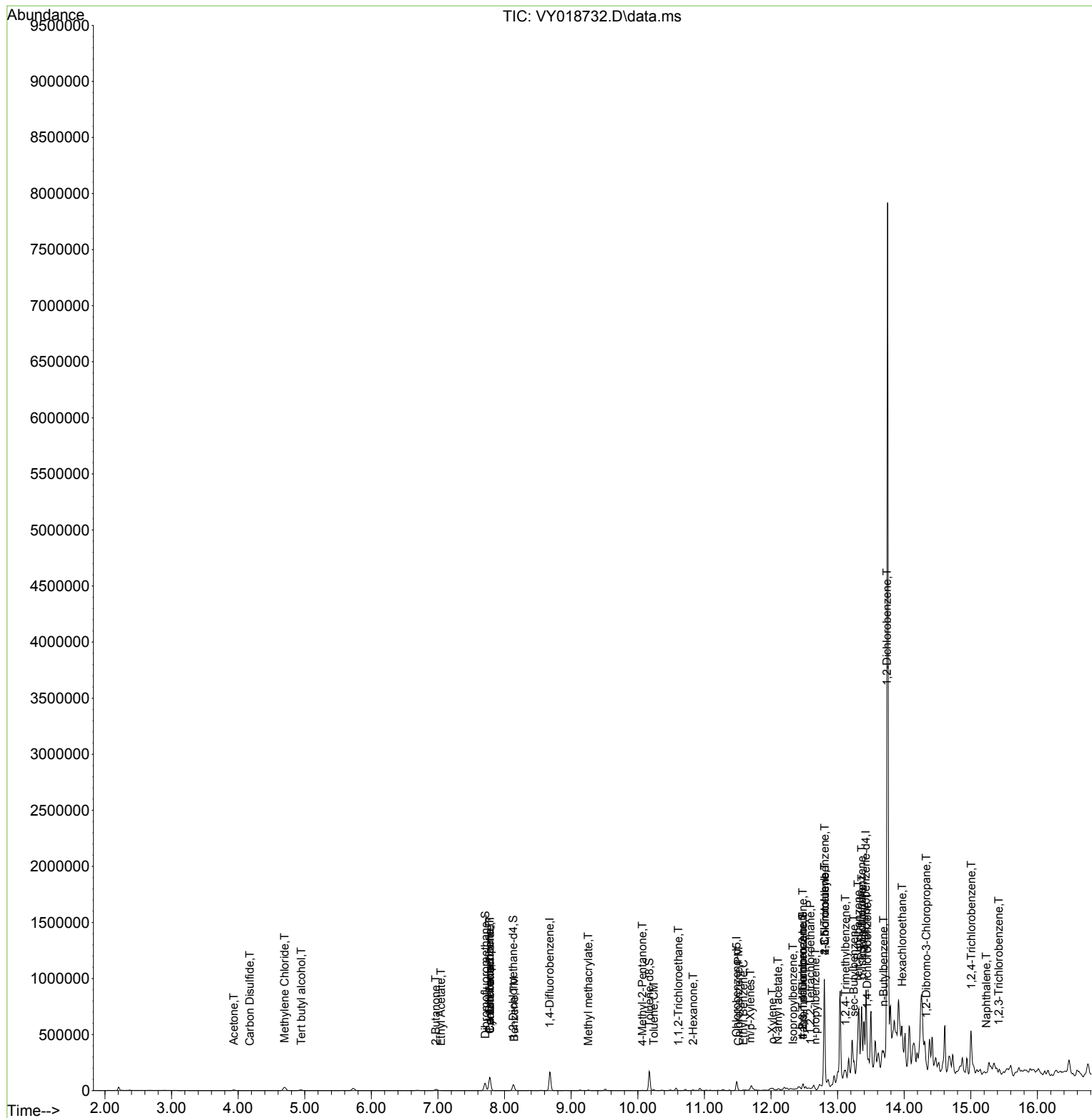
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.739	146	1597	4.302	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.331	75	189	7.891	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.007	180	99019	478.810	ug/l #	90
95) Naphthalene	15.233	128	15597	40.359	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.422	180	22056	126.228	ug/l #	75

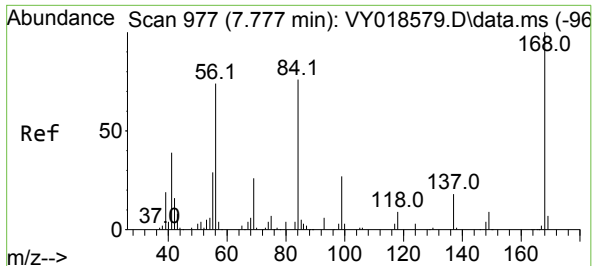
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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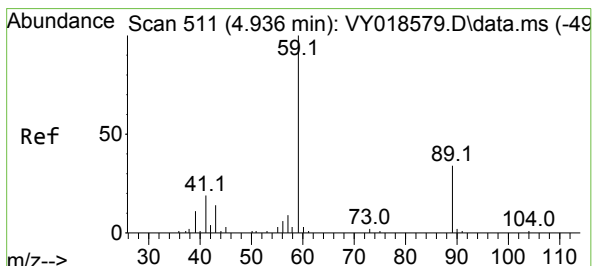
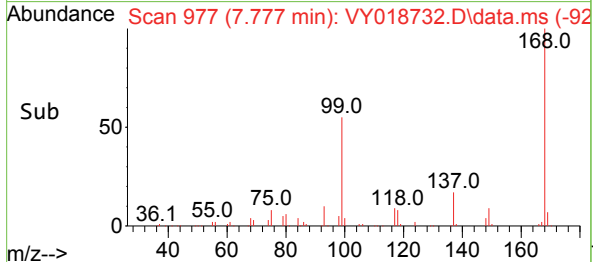
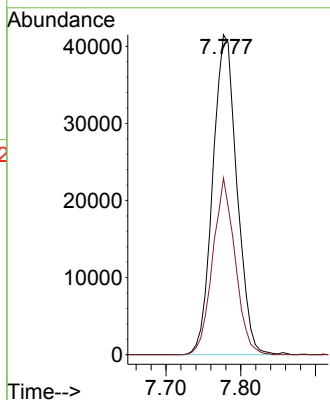
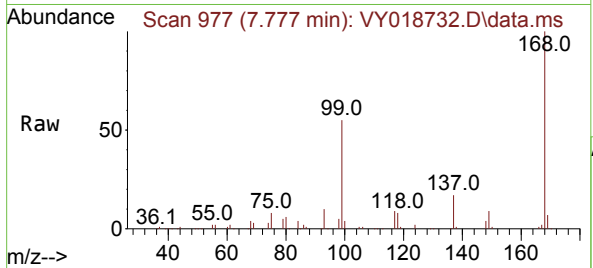




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

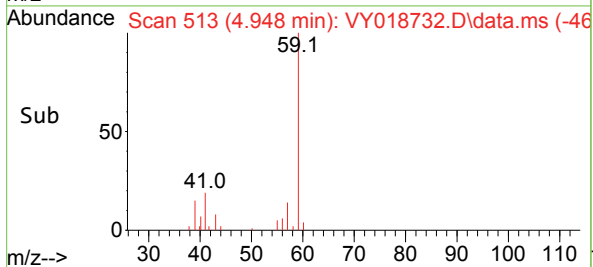
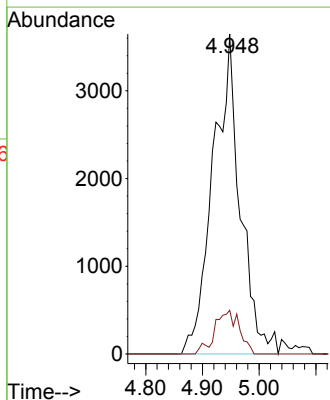
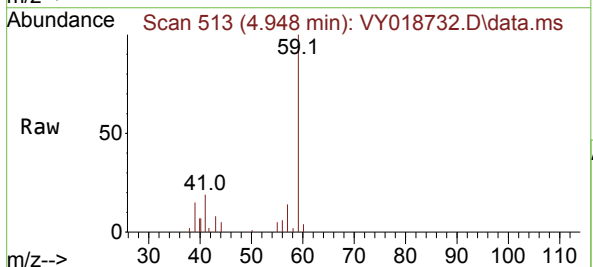
Instrument :
MSVOA_Y
ClientSampleId :

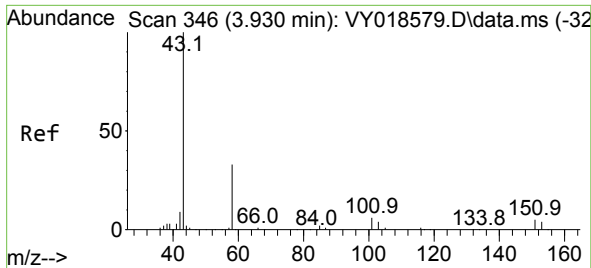
Tgt Ion:168 Resp: 93231
Ion Ratio Lower Upper
168 100
99 55.2 39.1 58.7



#11
Tert butyl alcohol
Concen: 72.051 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Tgt Ion: 59 Resp: 12165
Ion Ratio Lower Upper
59 100
57 12.3 3.0 4.6#

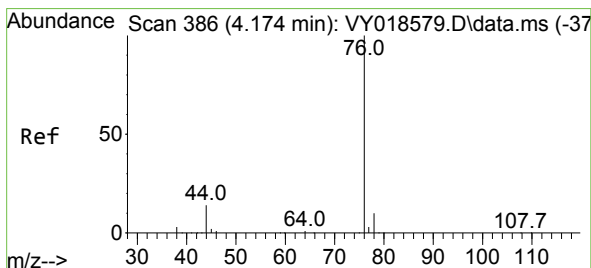
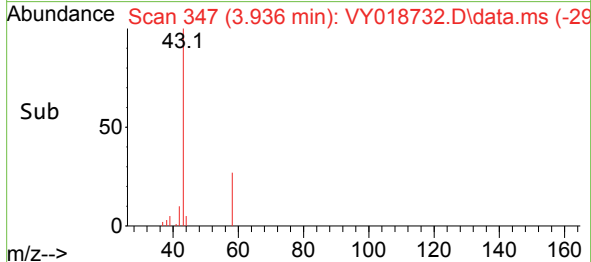
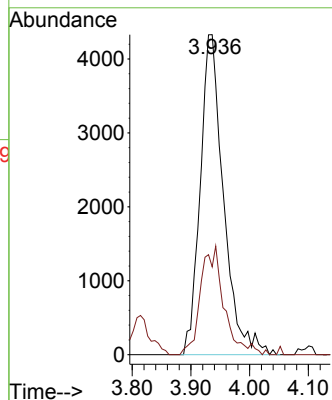
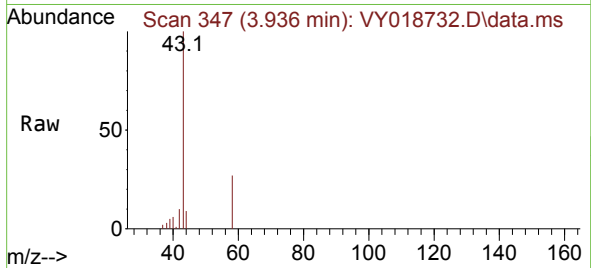




#16
Acetone
Concen: 62.602 ug/l
RT: 3.936 min Scan# 346
Delta R.T. 0.006 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

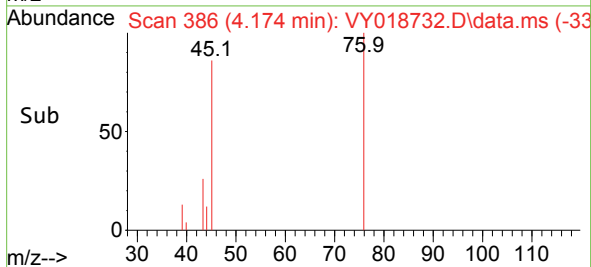
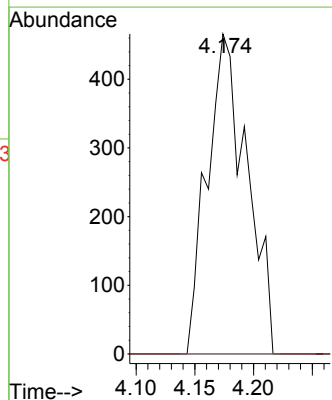
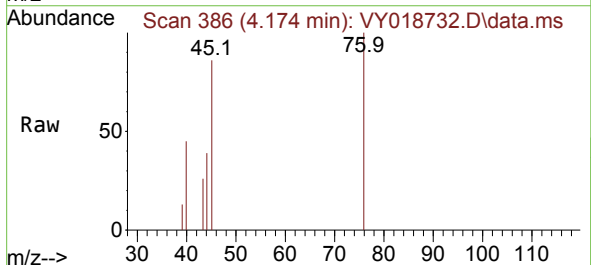
Instrument :
MSVOA_Y
ClientSampleId :

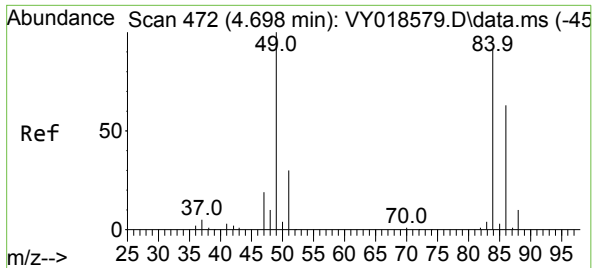
Tgt Ion: 43 Resp: 11955
Ion Ratio Lower Upper
43 100
58 27.5 31.7 47.5#



#17
Carbon Disulfide
Concen: 2.608 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

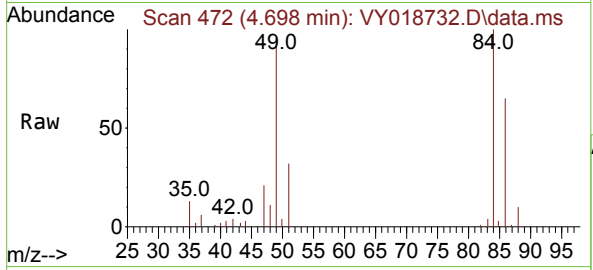
Tgt Ion: 76 Resp: 1095
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



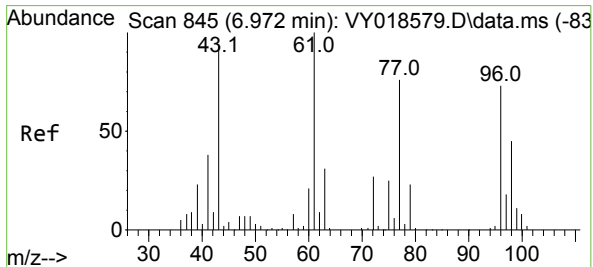
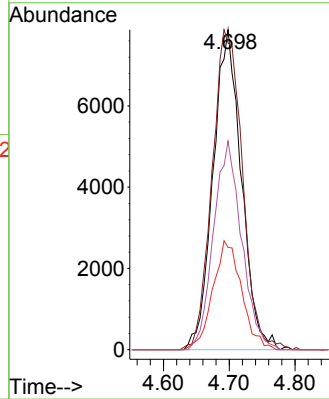
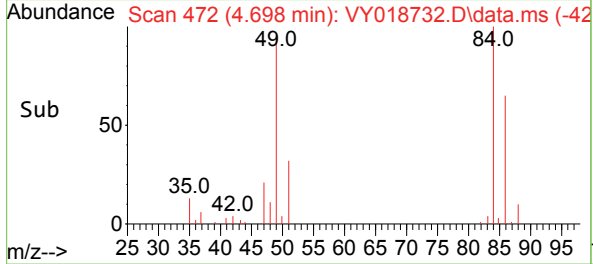


#20
Methylene Chloride
Concen: 13.446 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

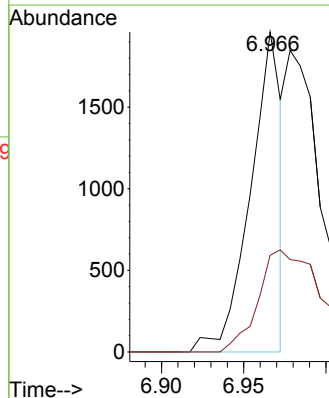
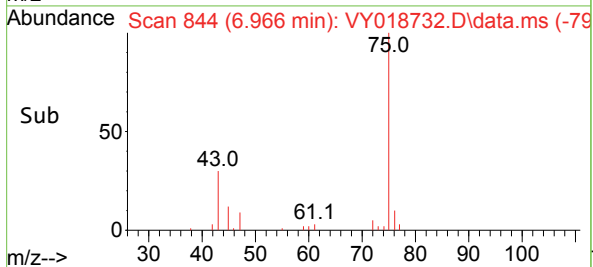
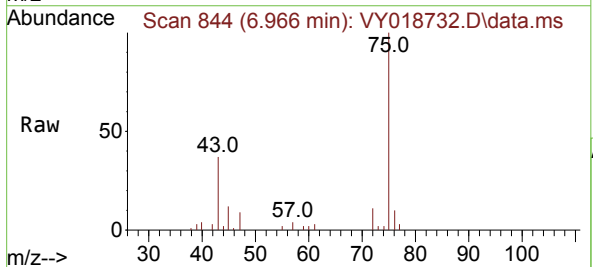


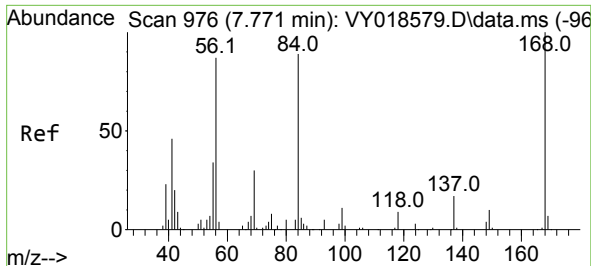
Tgt Ion:	84	Resp:	23534
Ion	Ratio	Lower	Upper
84	100		
49	95.8	84.4	126.6
51	32.0	26.0	39.0
86	65.2	49.5	74.3



#25
2-Butanone
Concen: 8.933 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

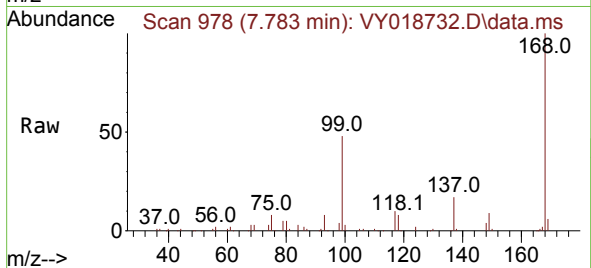
Tgt Ion:	43	Resp:	2557
Ion	Ratio	Lower	Upper
43	100		
72	30.2	27.3	40.9



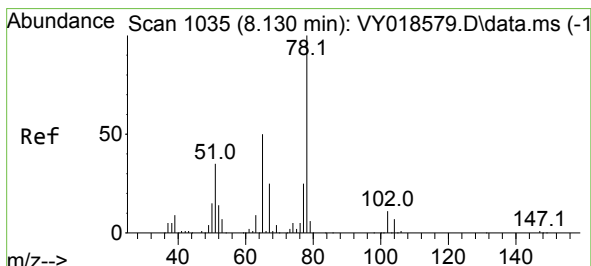
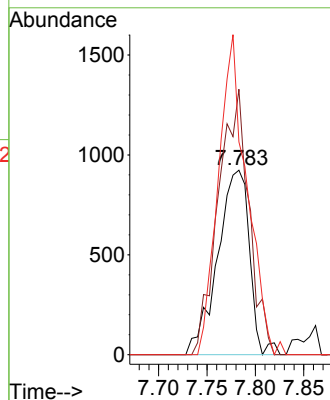
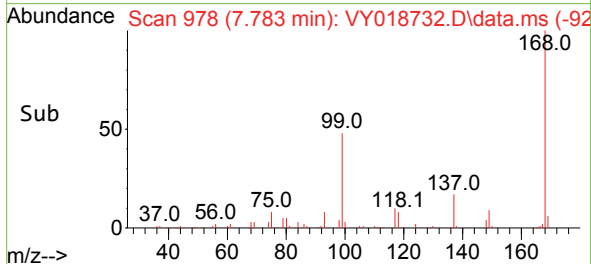


#31
Cyclohexane
Concen: 1.474 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

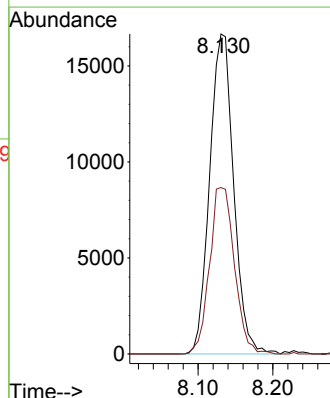
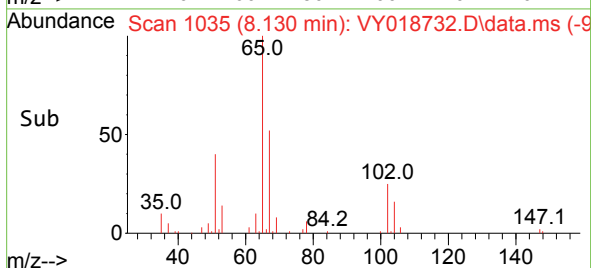
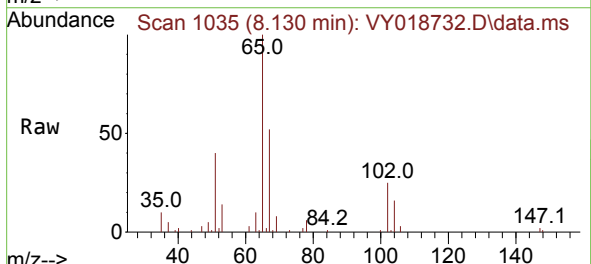


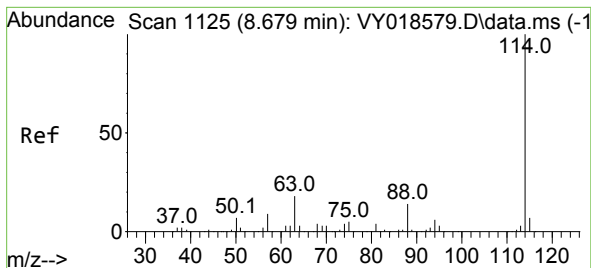
Tgt Ion: 56 Resp: 2119
Ion Ratio Lower Upper
56 100
69 143.8 28.7 43.1#
84 115.3 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 39.584 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Tgt Ion: 65 Resp: 37155
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018732.D

Acq: 28 Jun 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

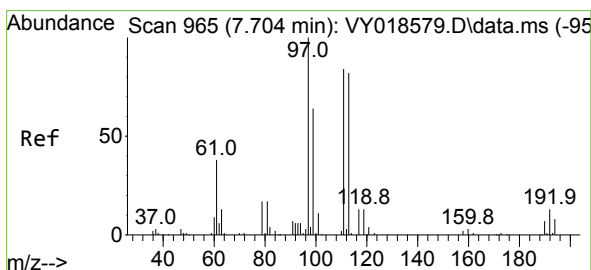
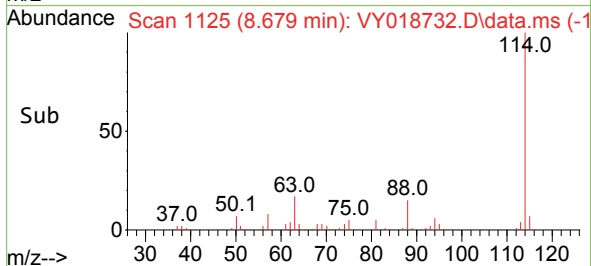
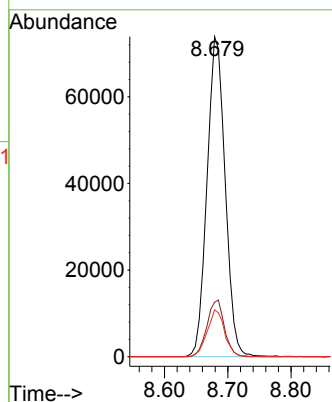
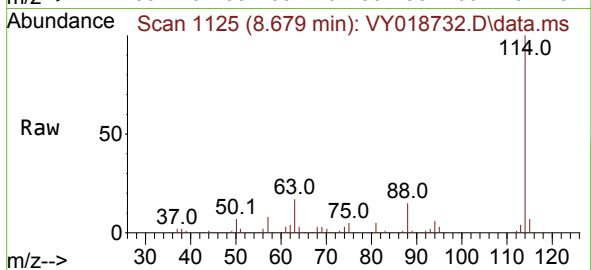
Tgt Ion:114 Resp: 147286

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.987 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018732.D

Acq: 28 Jun 2024 16:37

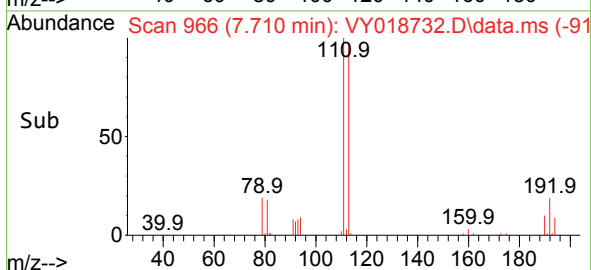
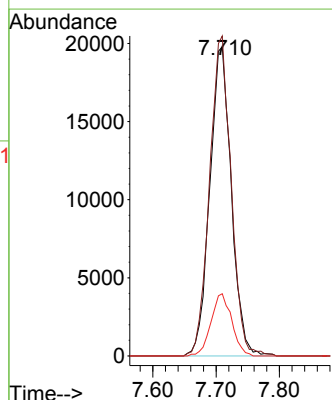
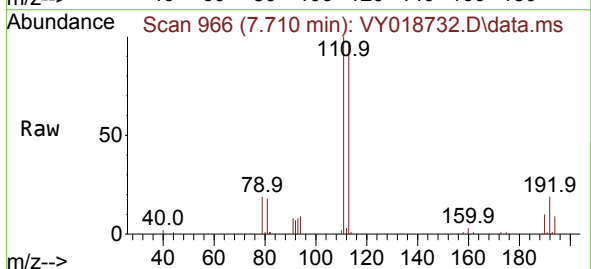
Tgt Ion:113 Resp: 46709

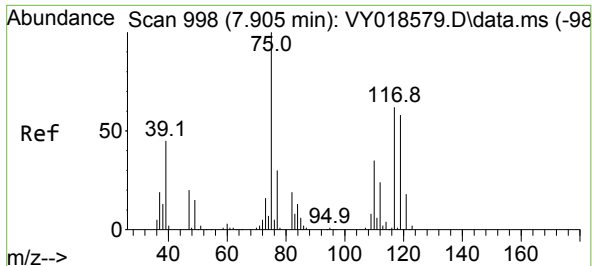
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

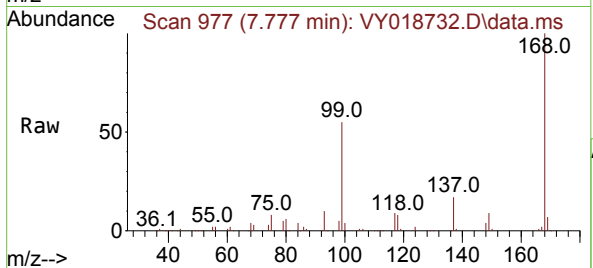
192 19.5 15.9 23.9



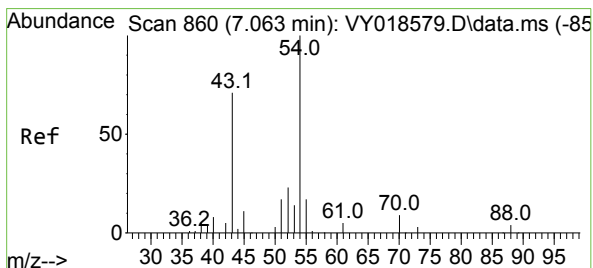
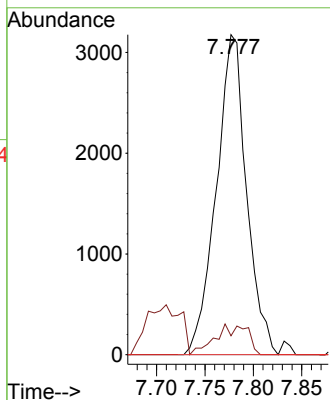
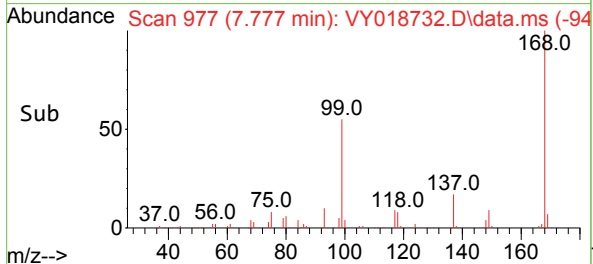


#36
1,1-Dichloropropene
Concen: 5.592 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

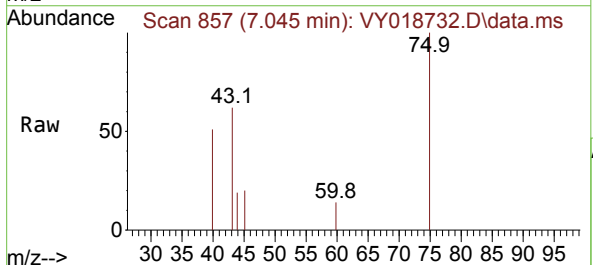
Instrument :
MSVOA_Y
ClientSampleId :



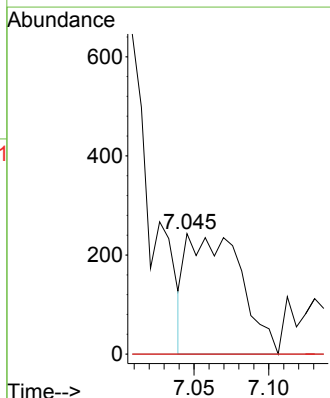
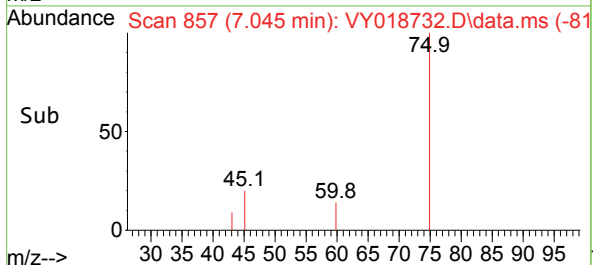
Tgt Ion: 75 Resp: 6916
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.0 25.3 37.9#

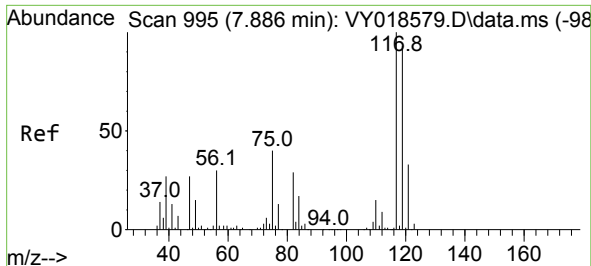


#37
Ethyl Acetate
Concen: 1.058 ug/l
RT: 7.045 min Scan# 857
Delta R.T. -0.018 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37



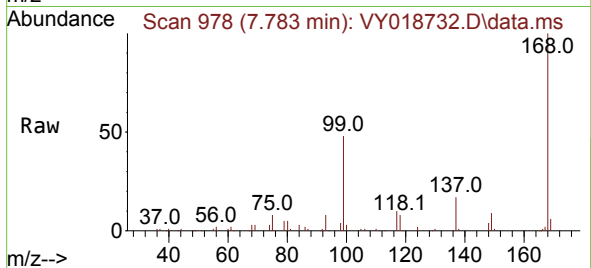
Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#



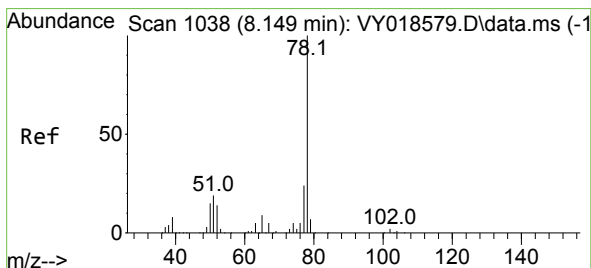
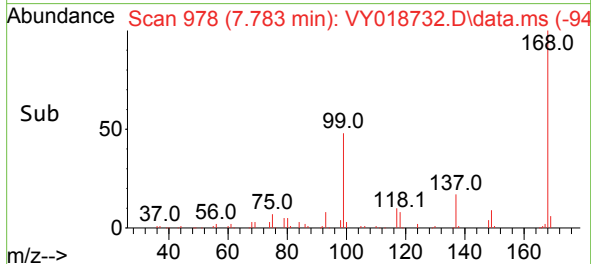
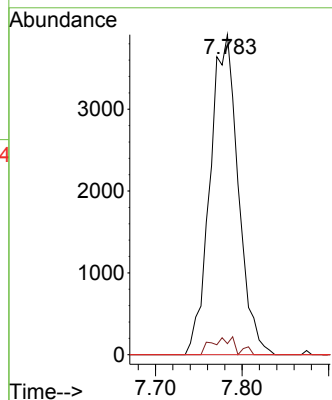


#38
Carbon Tetrachloride
Concen: 6.801 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

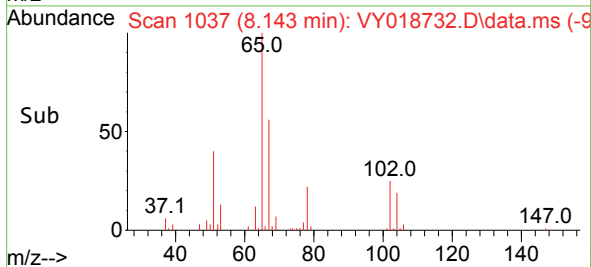
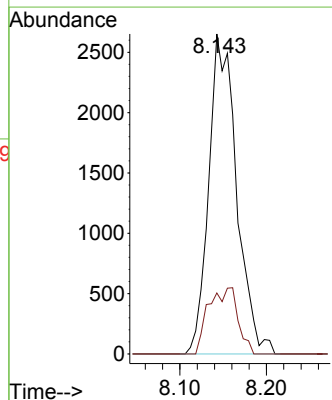
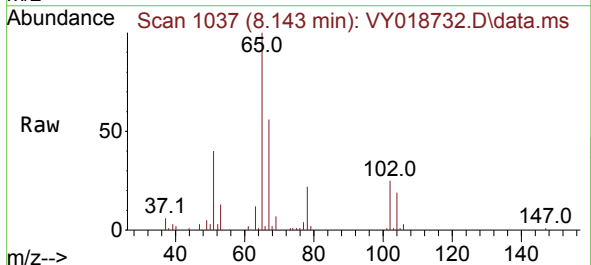


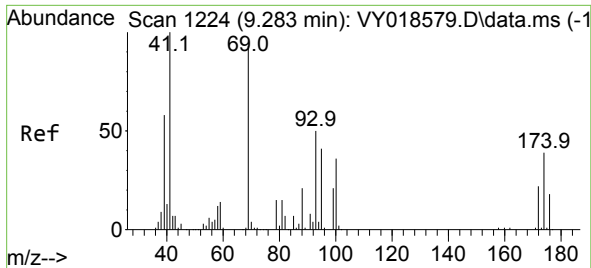
Tgt Ion:117 Resp: 8824
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.6#
121 0.0 24.0 36.0#



#40
Benzene
Concen: 1.546 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

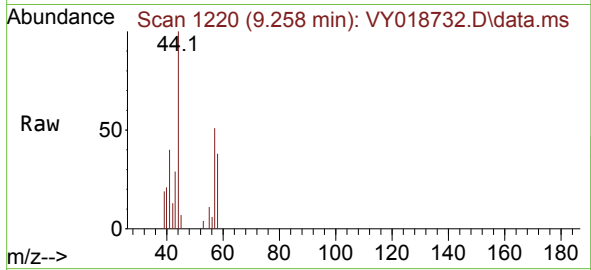
Tgt Ion: 78 Resp: 5912
Ion Ratio Lower Upper
78 100
77 19.0 19.5 29.3#



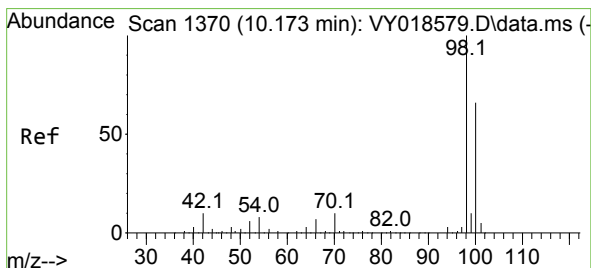
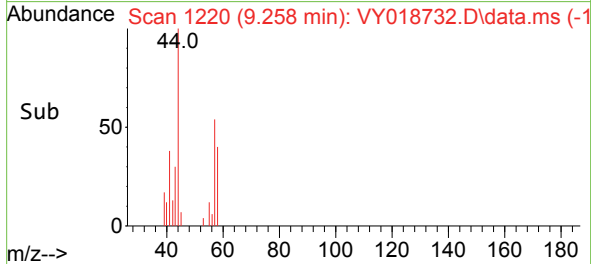
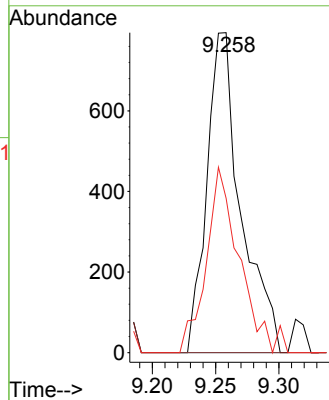


#48
Methyl methacrylate
Concen: 3.046 ug/l
RT: 9.258 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

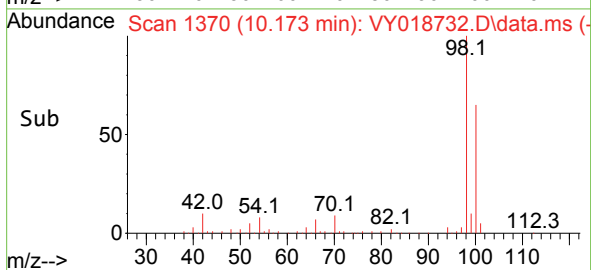
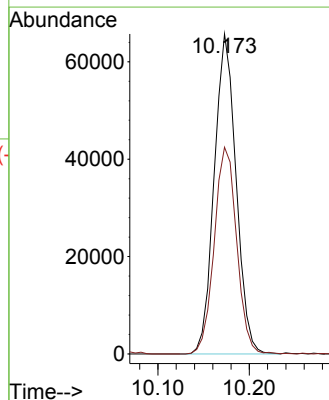
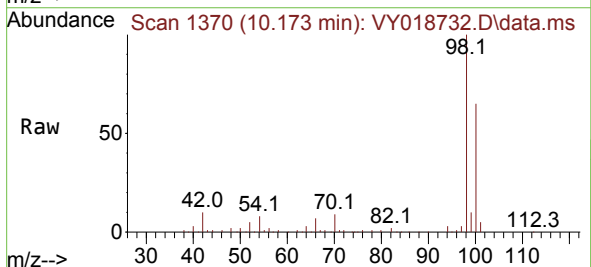


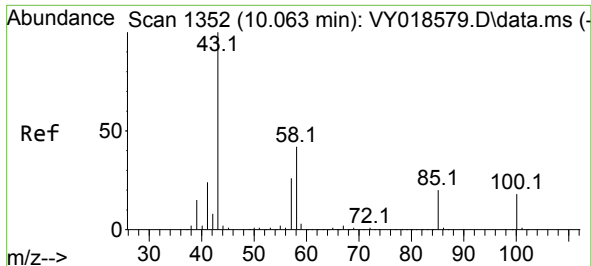
Tgt Ion: 41 Resp: 1492
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 56.3 43.6 65.4



#50
Toluene-d8
Concen: 31.563 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Tgt Ion: 98 Resp: 109058
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0

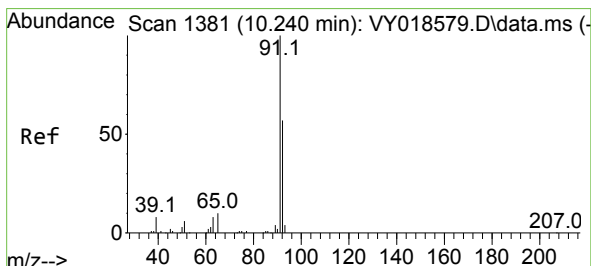
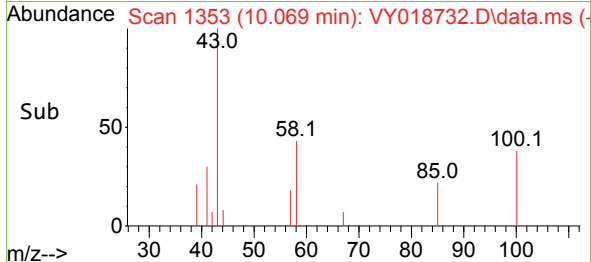
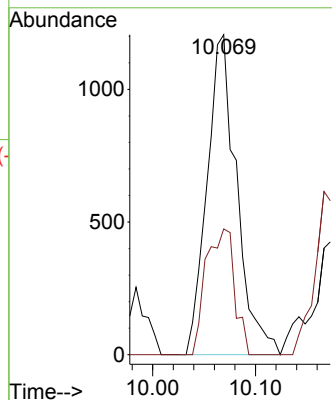
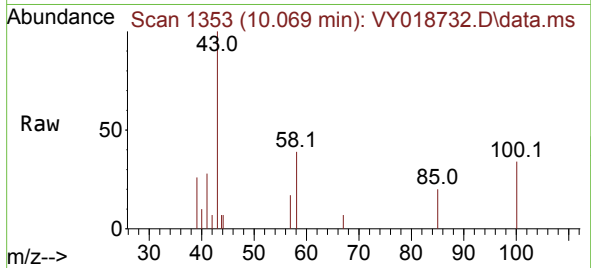




#51
4-Methyl-2-Pentanone
Concen: 4.219 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

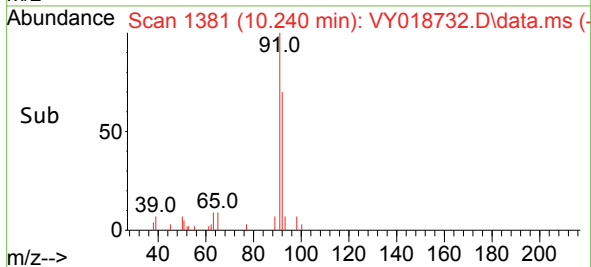
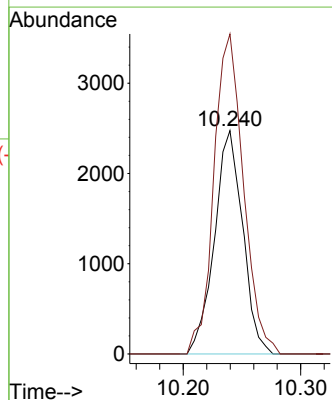
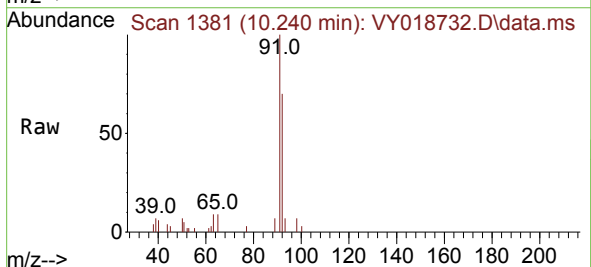
Instrument :
MSVOA_Y
ClientSampleId :

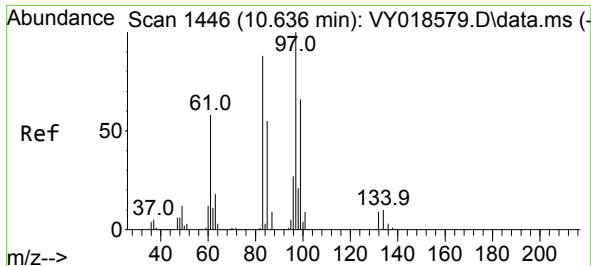
Tgt Ion: 43 Resp: 2418
Ion Ratio Lower Upper
43 100
58 37.8 35.7 53.5



#52
Toluene
Concen: 1.686 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

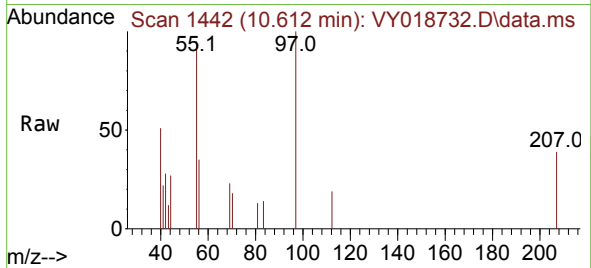
Tgt Ion: 92 Resp: 4140
Ion Ratio Lower Upper
92 100
91 149.8 139.0 208.6



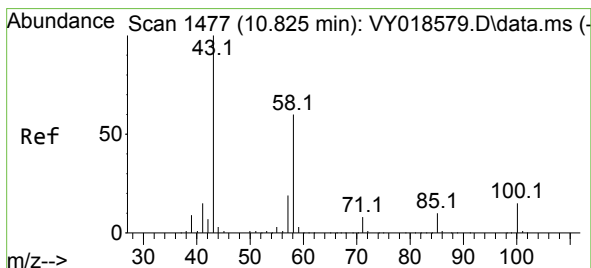
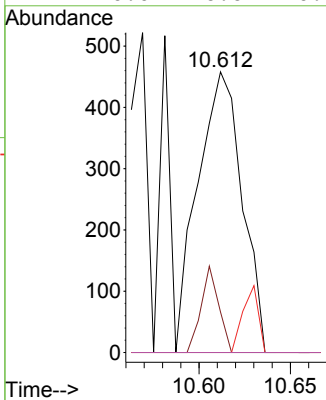
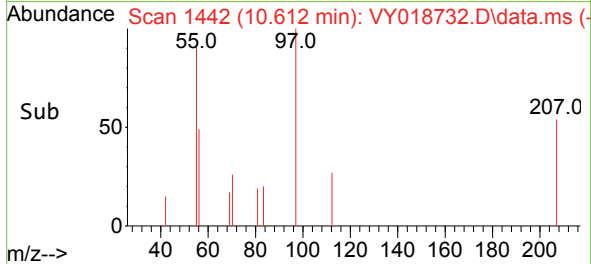


#55
 1,1,2-Trichloroethane
 Concen: 1.074 ug/l
 RT: 10.612 min Scan# 1442
 Delta R.T. -0.024 min
 Lab File: VY018732.D
 Acq: 28 Jun 2024 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :

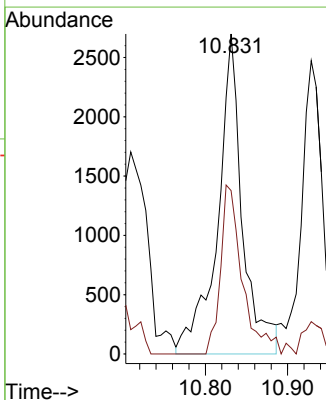
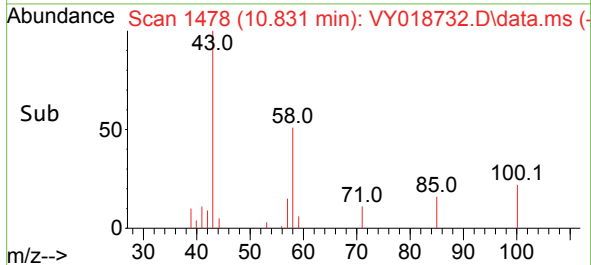
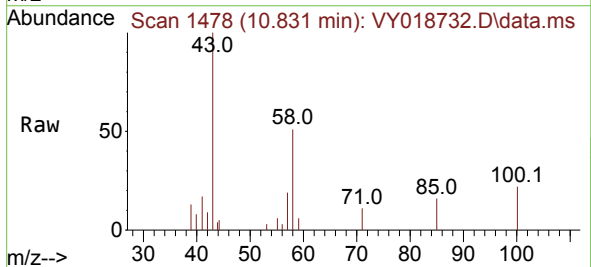


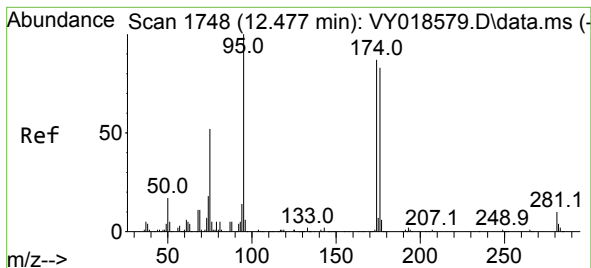
Tgt Ion: 97	Resp: 775
Ion Ratio	Lower Upper
97 100	
83 14.4	67.5 101.3#
85 0.0	42.9 64.3#
99 0.0	46.6 70.0#



#59
 2-Hexanone
 Concen: 14.123 ug/l
 RT: 10.831 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VY018732.D
 Acq: 28 Jun 2024 16:37

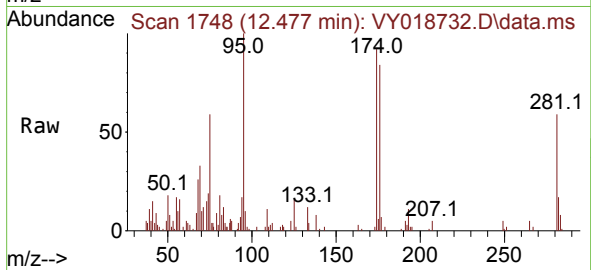
Tgt Ion: 43	Resp: 5670
Ion Ratio	Lower Upper
43 100	
58 47.0	31.4 94.0



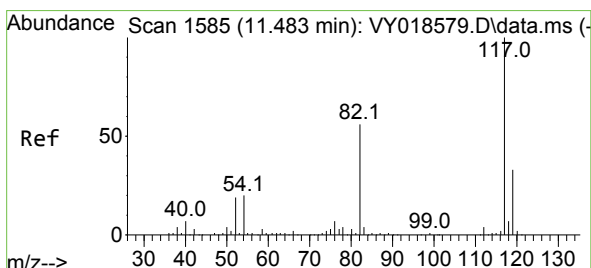
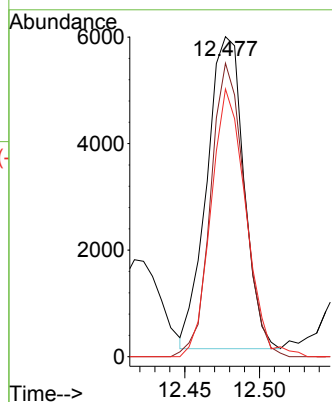
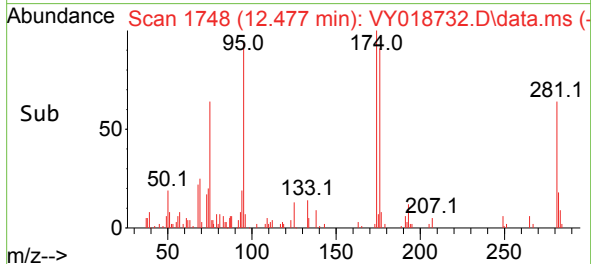


#62
4-Bromofluorobenzene
Concen: 9.237 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

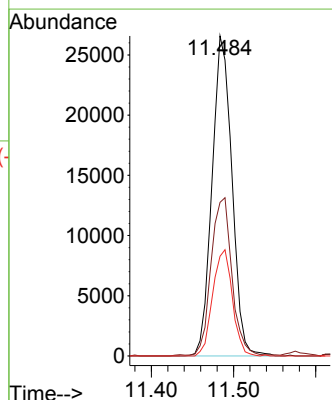
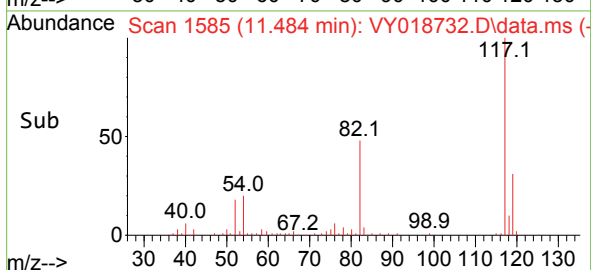
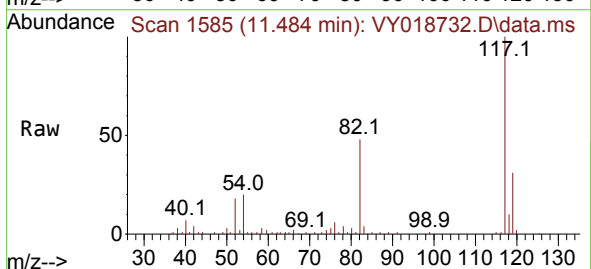


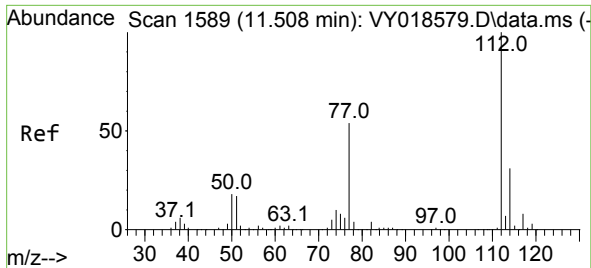
Tgt Ion: 95 Resp: 10078
Ion Ratio Lower Upper
95 100
174 86.0 0.0 175.6
176 81.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Tgt Ion: 117 Resp: 44726
Ion Ratio Lower Upper
117 100
82 47.7 42.4 63.6
119 31.1 25.9 38.9

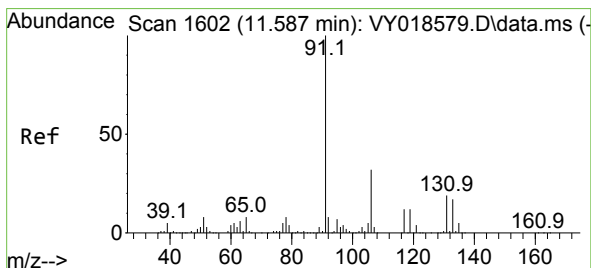
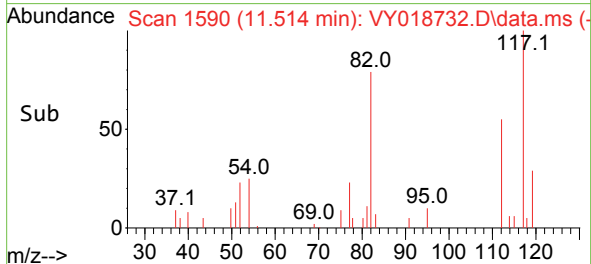
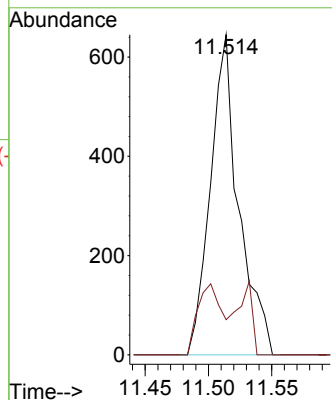
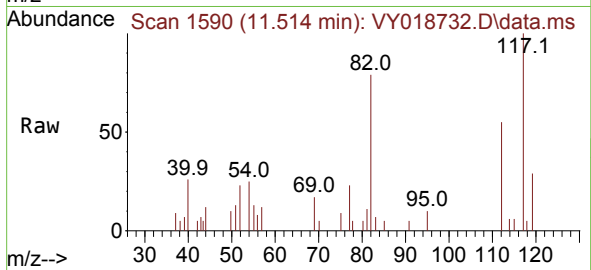




#65
Chlorobenzene
Concen: 1.084 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

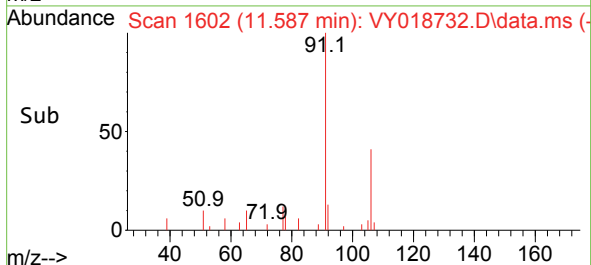
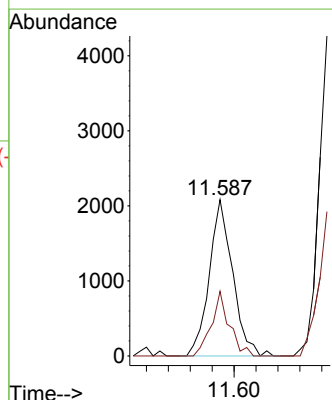
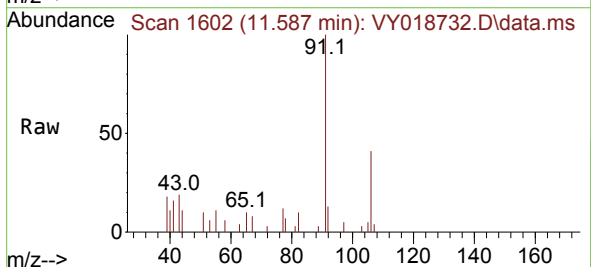
Instrument :
MSVOA_Y
ClientSampleId :

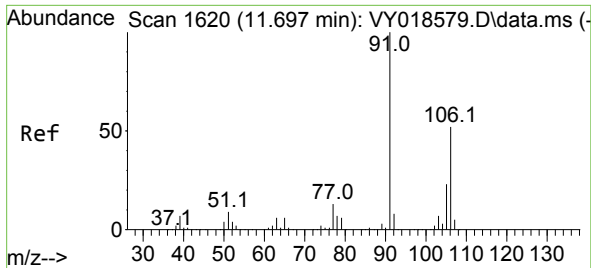
Tgt Ion:112 Resp: 1002
Ion Ratio Lower Upper
112 100
114 11.0 26.4 39.6#



#67
Ethyl Benzene
Concen: 1.924 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Tgt Ion: 91 Resp: 3084
Ion Ratio Lower Upper
91 100
106 41.4 24.5 36.7#

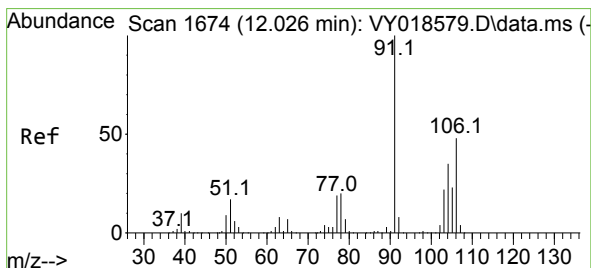
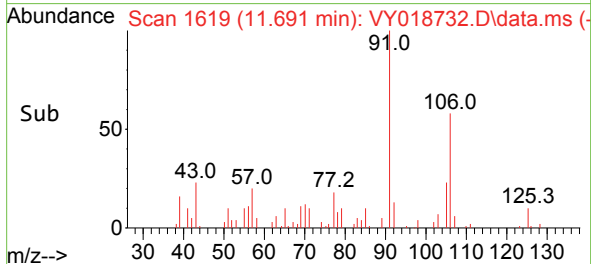
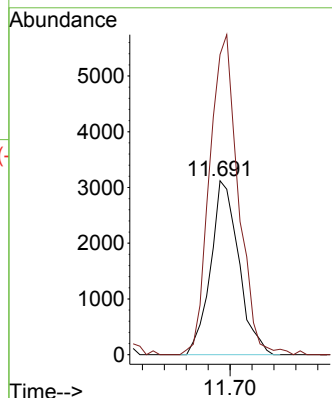
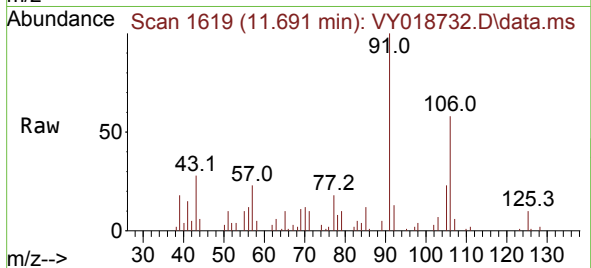




#68
m/p-Xylenes
Concen: 8.895 ug/l
RT: 11.691 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

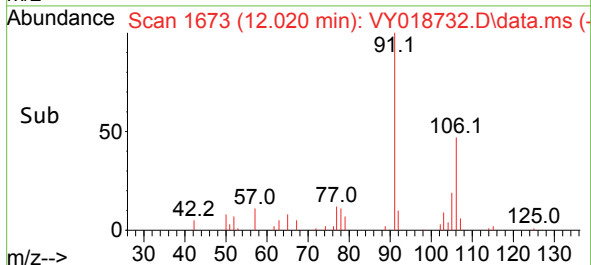
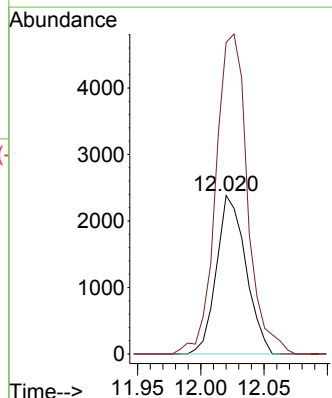
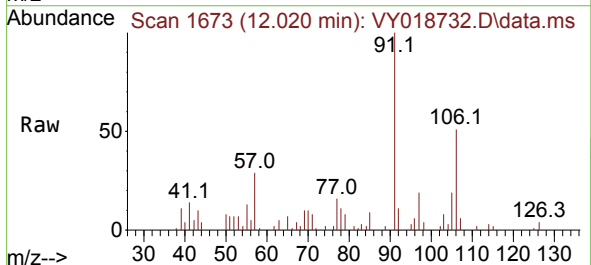
Instrument :
MSVOA_Y
ClientSampleId :

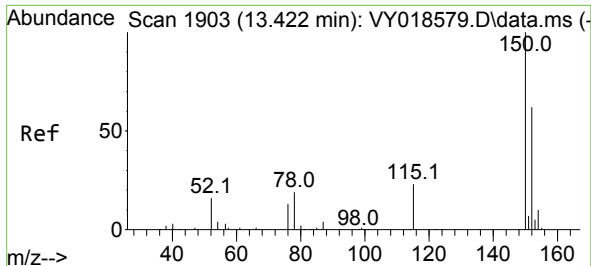
Tgt Ion:106 Resp: 5549
Ion Ratio Lower Upper
106 100
91 188.6 156.0 234.0



#69
o-Xylene
Concen: 6.416 ug/l
RT: 12.020 min Scan# 1673
Delta R.T. -0.006 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Tgt Ion:106 Resp: 3849
Ion Ratio Lower Upper
106 100
91 217.3 103.6 310.8

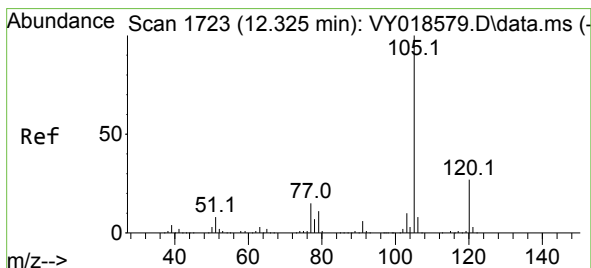
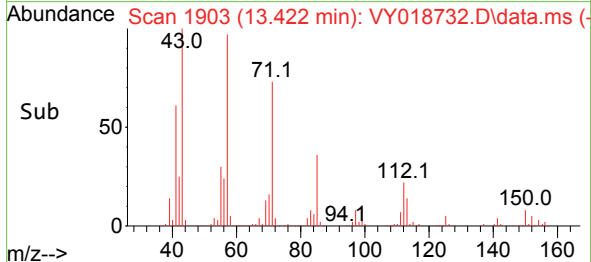
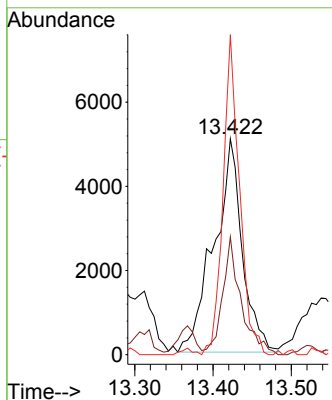
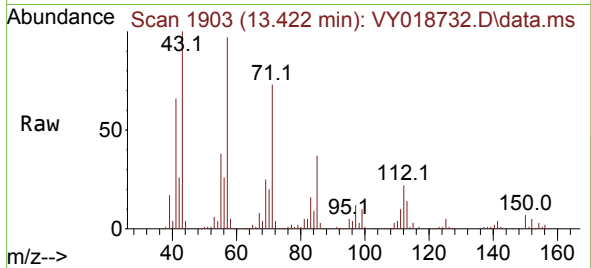




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018732.D
 Acq: 28 Jun 2024 16:37

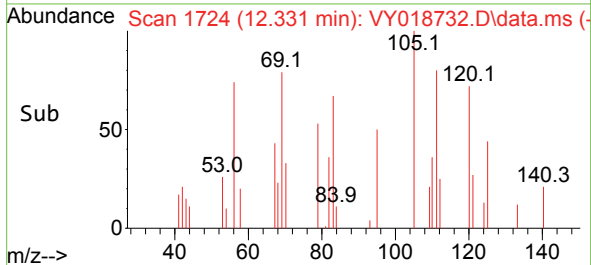
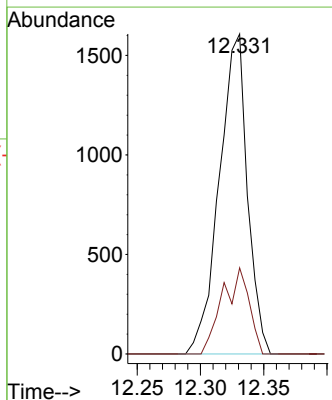
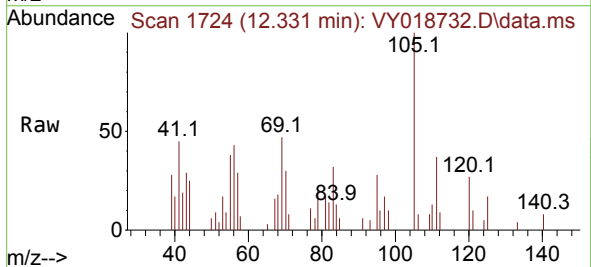
Instrument :
 MSVOA_Y
 ClientSampleId :

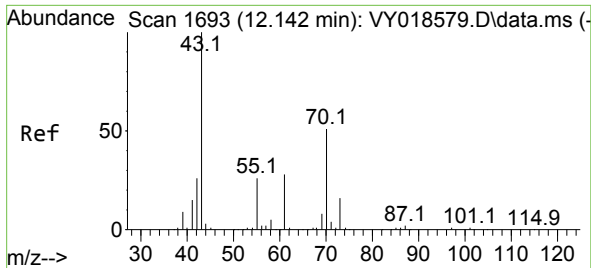
Tgt Ion:152 Resp: 12757
 Ion Ratio Lower Upper
 152 100
 115 36.4 28.2 84.7
 150 87.7 0.0 345.6



#73
 Isopropylbenzene
 Concen: 2.669 ug/l
 RT: 12.331 min Scan# 1724
 Delta R.T. 0.006 min
 Lab File: VY018732.D
 Acq: 28 Jun 2024 16:37

Tgt Ion:105 Resp: 2486
 Ion Ratio Lower Upper
 105 100
 120 25.7 13.4 40.1

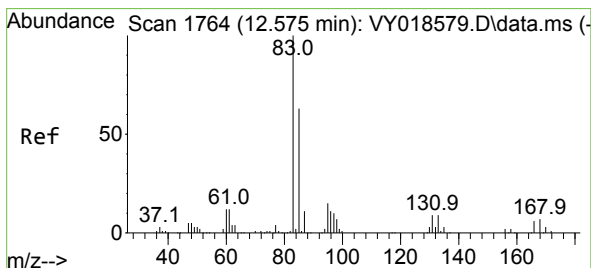
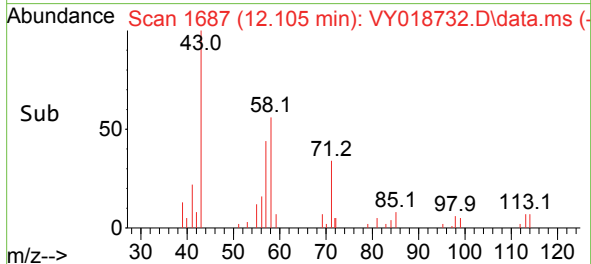
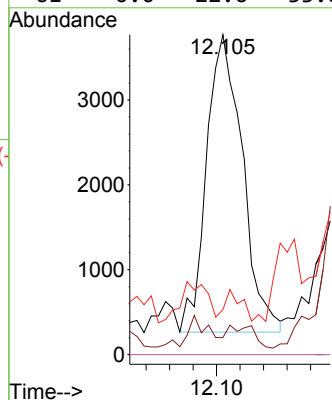
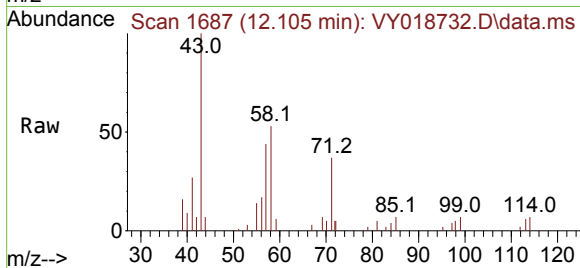




#74
N-amy1 acetate
Concen: 39.002 ug/l
RT: 12.105 min Scan# 1687
Delta R.T. -0.036 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

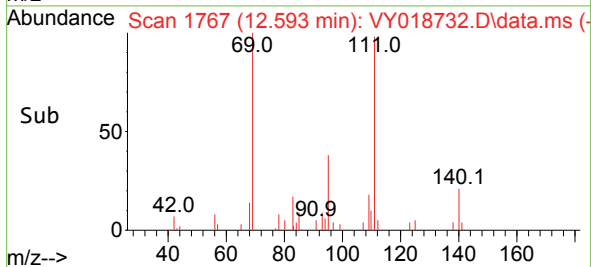
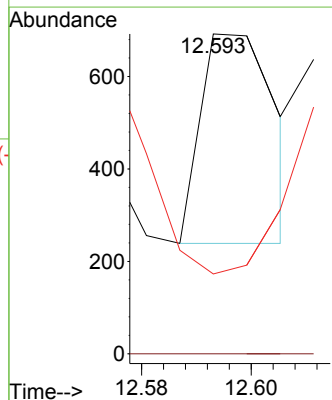
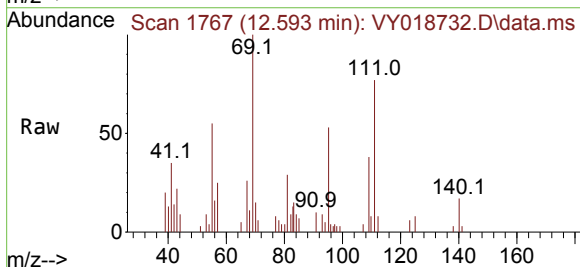
Instrument :
MSVOA_Y
ClientSampleId :

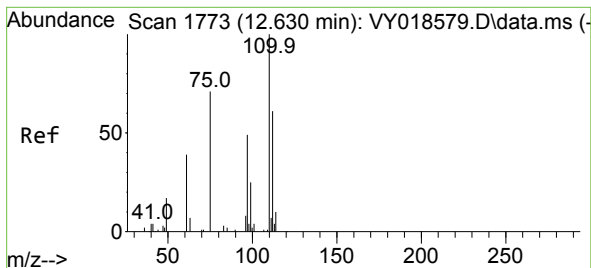
Tgt Ion: 43	Resp: 7440
Ion Ratio	Lower Upper
43	100
70	5.3 41.4 62.2#
55	4.8 23.3 34.9#
61	0.0 22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.600 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.018 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Tgt Ion: 83	Resp: 430
Ion Ratio	Lower Upper
83	100
131	0.0 5.0 14.9#
85	0.0 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 42.819 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018732.D

Acq: 28 Jun 2024 16:37

Instrument :

MSVOA_Y

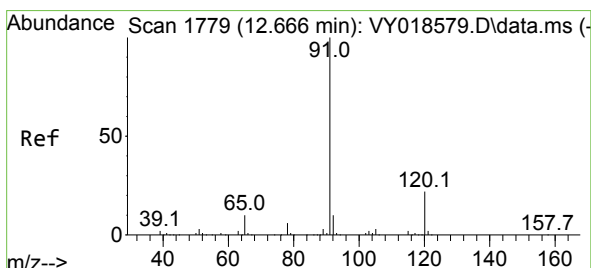
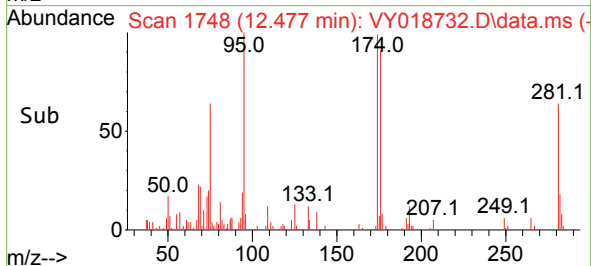
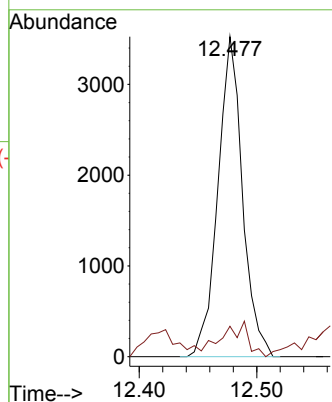
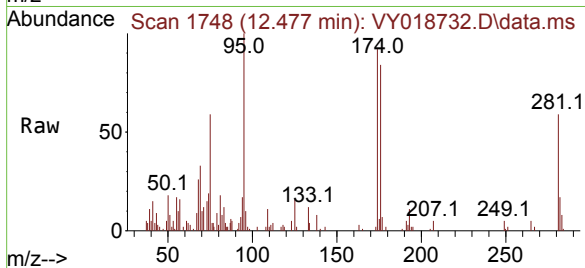
ClientSampleId :

Tgt Ion: 75 Resp: 5124

Ion Ratio Lower Upper

75 100

77 11.5 0.0 0.0#



#78

n-propylbenzene

Concen: 3.309 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018732.D

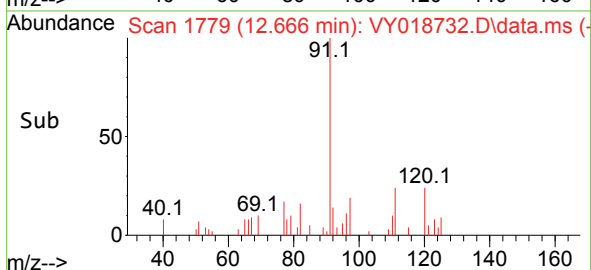
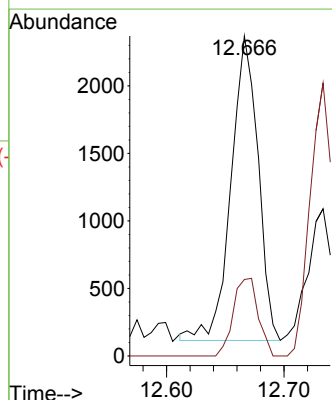
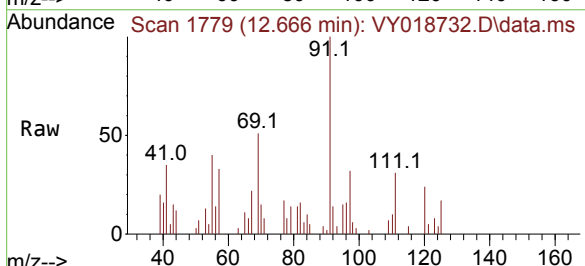
Acq: 28 Jun 2024 16:37

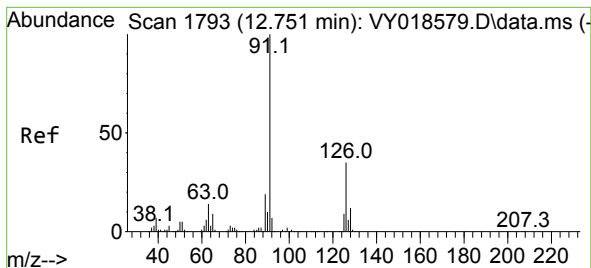
Tgt Ion: 91 Resp: 3608

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 3.261 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.055 min

Lab File: VY018732.D

Acq: 28 Jun 2024 16:37

Instrument :

MSVOA_Y

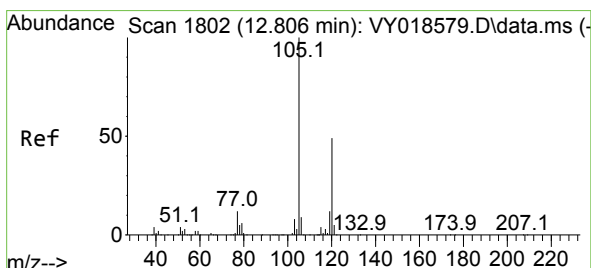
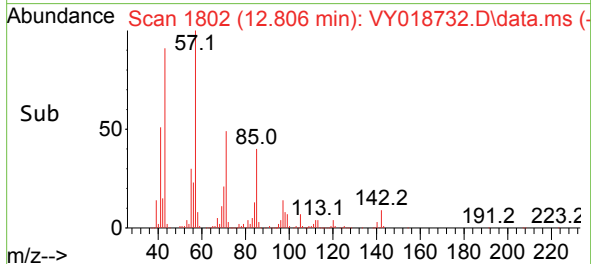
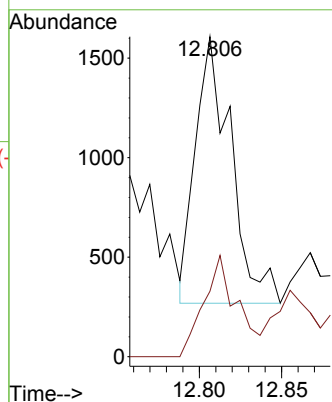
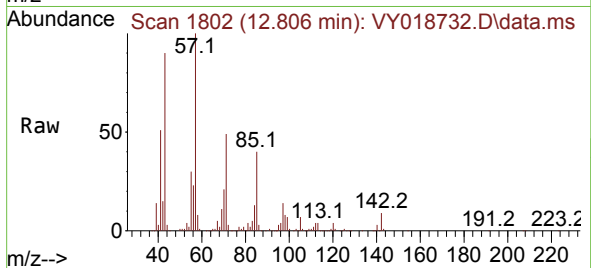
ClientSampleId :

Tgt Ion: 91 Resp: 2007

Ion Ratio Lower Upper

91 100

126 35.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.584 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY018732.D

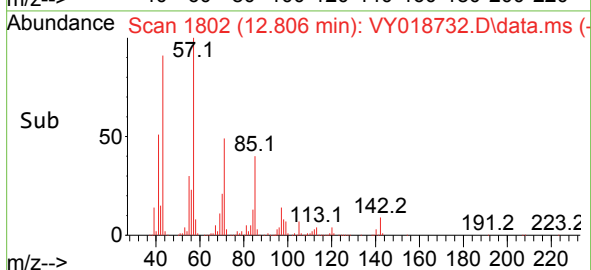
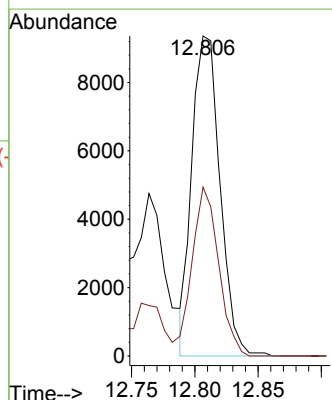
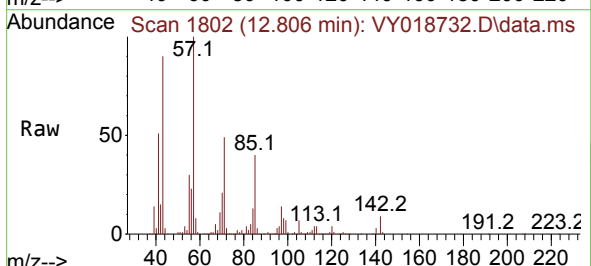
Acq: 28 Jun 2024 16:37

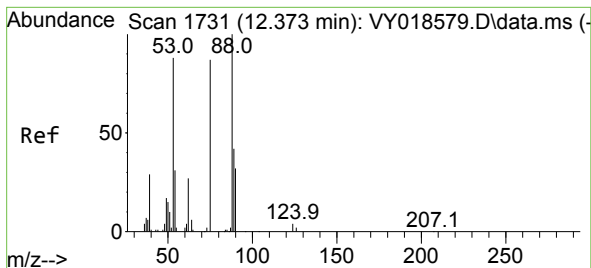
Tgt Ion:105 Resp: 14459

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.2

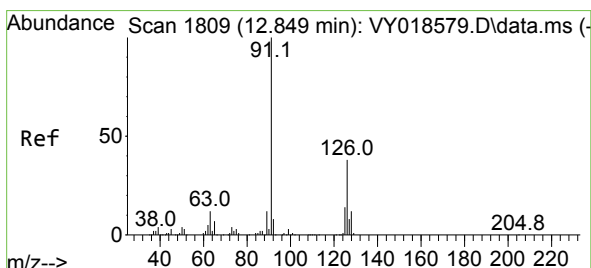
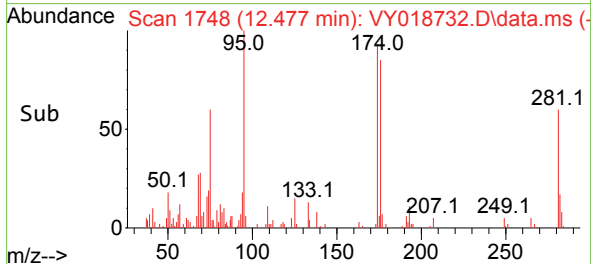
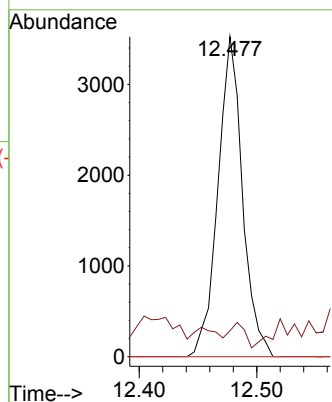
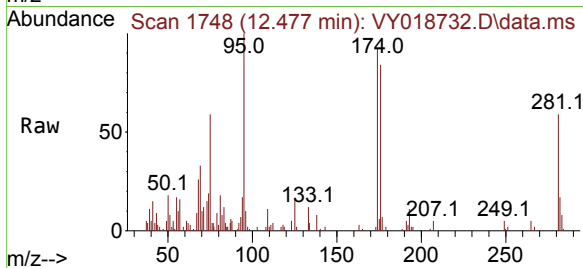




#81
trans-1,4-Dichloro-2-butene
Concen: 112.159 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

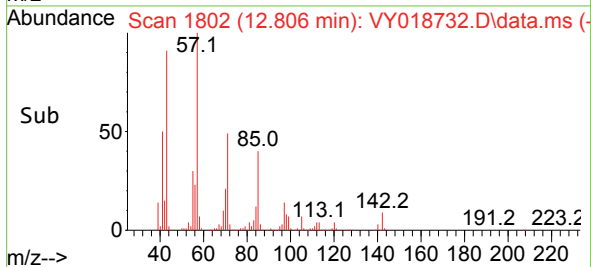
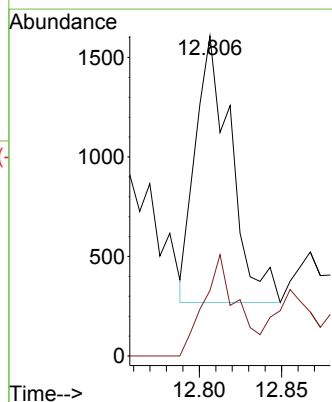
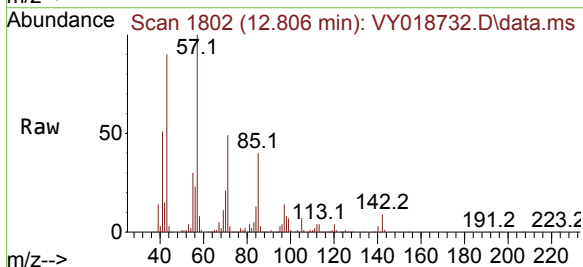
Instrument :
MSVOA_Y
ClientSampleId :

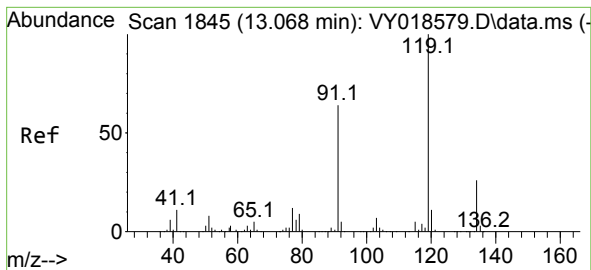
Tgt Ion: 75 Resp: 5124
Ion Ratio Lower Upper
75 100
53 4.8 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 3.239 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.043 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Tgt Ion: 91 Resp: 2007
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.9

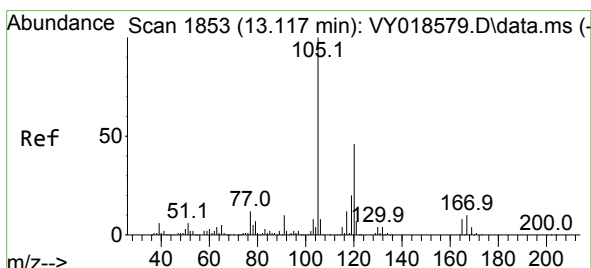
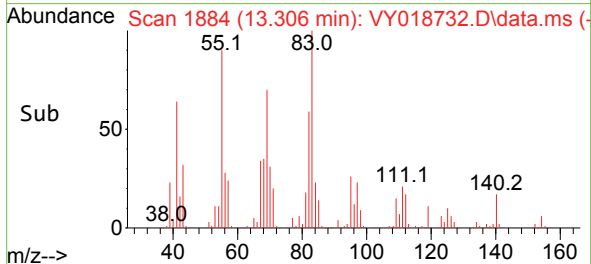
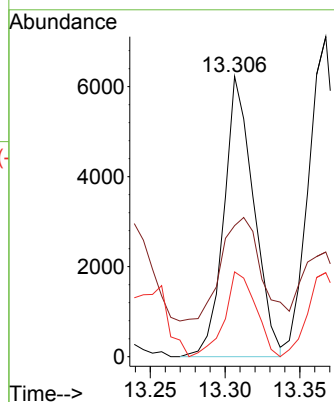
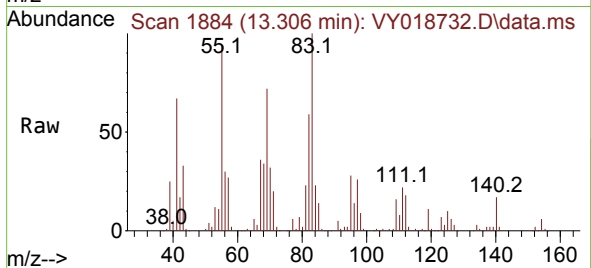




#83
tert-Butylbenzene
Concen: 12.633 ug/l
RT: 13.306 min Scan# 1884
Delta R.T. 0.238 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

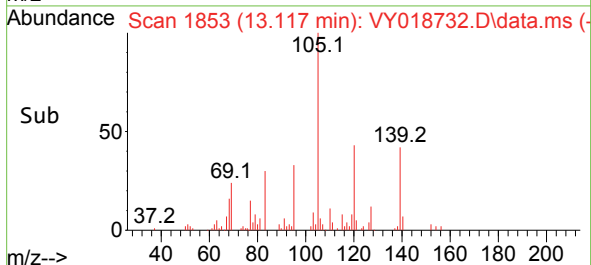
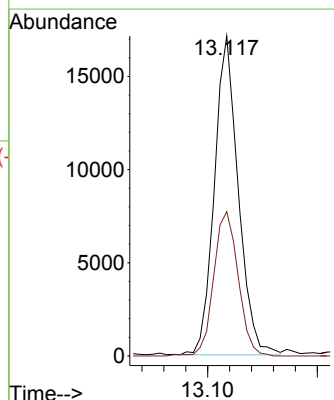
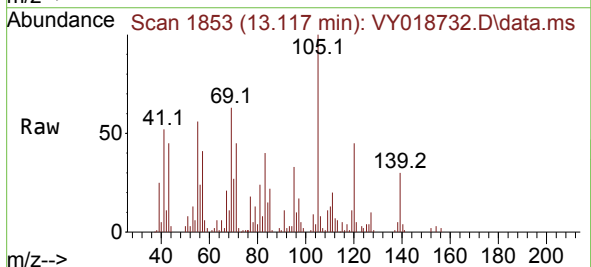
Instrument :
MSVOA_Y
ClientSampleId :

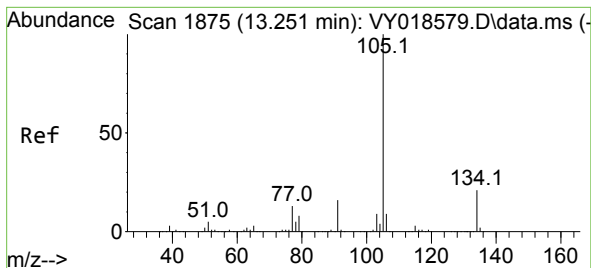
Tgt Ion:119 Resp: 8632
Ion Ratio Lower Upper
119 100
91 46.9 31.3 93.8
134 31.4 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 35.094 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Tgt Ion:105 Resp: 25897
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 10.181 ug/l

RT: 13.245 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VY018732.D

Acq: 28 Jun 2024 16:37

Instrument :

MSVOA_Y

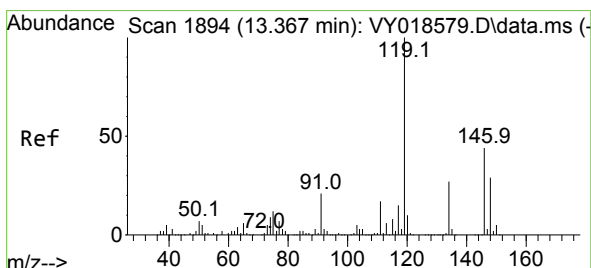
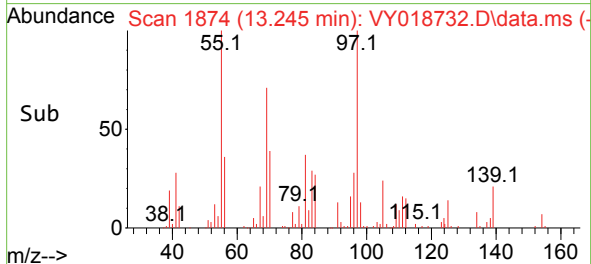
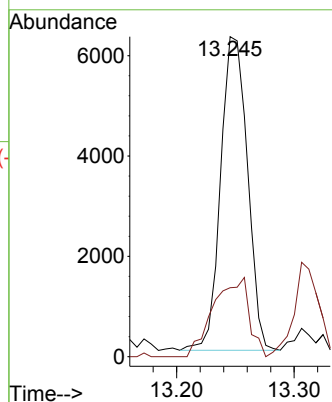
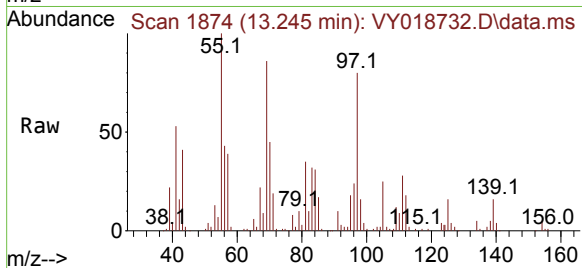
ClientSampleId :

Tgt Ion:105 Resp: 9922

Ion Ratio Lower Upper

105 100

134 33.4 10.1 30.1#



#86

p-Isopropyltoluene

Concen: 12.100 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018732.D

Acq: 28 Jun 2024 16:37

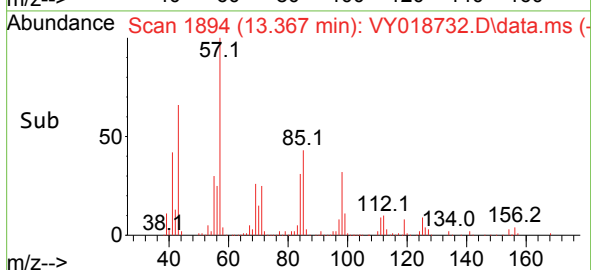
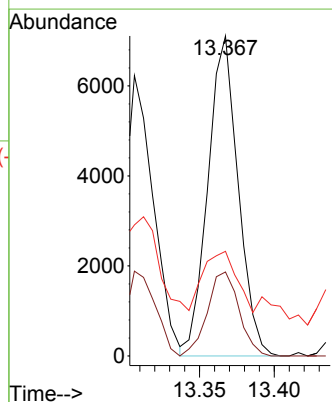
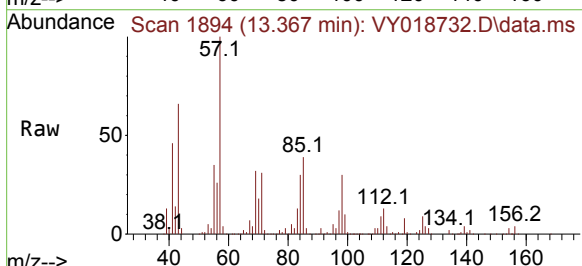
Tgt Ion:119 Resp: 9997

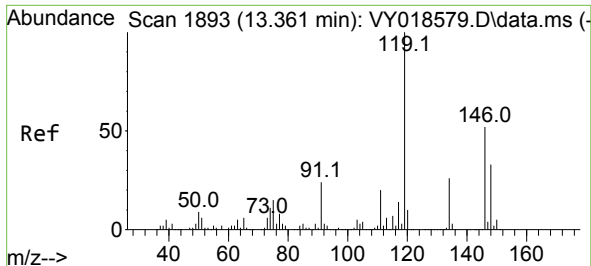
Ion Ratio Lower Upper

119 100

134 27.5 13.1 39.3

91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 1.459 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018732.D

Acq: 28 Jun 2024 16:37

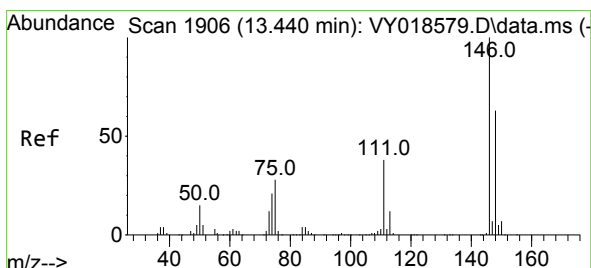
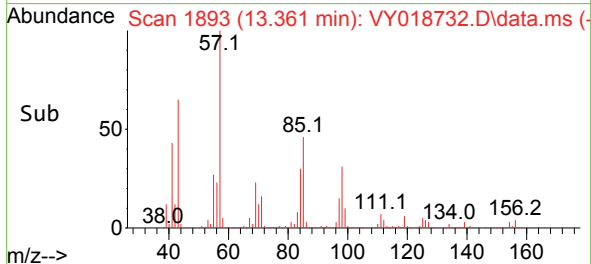
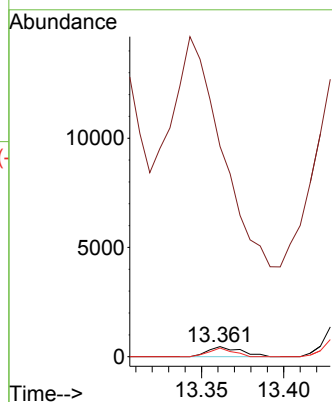
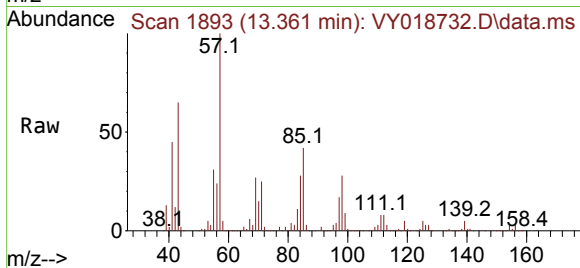
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146 Resp: 634

Ion	Ratio	Lower	Upper
146	100		
111	3362.9	19.0	57.0#
148	64.2	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 11.768 ug/l

RT: 13.447 min Scan# 1907

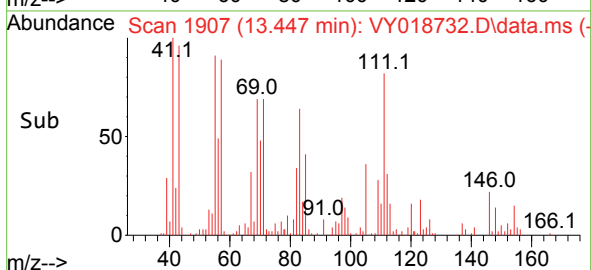
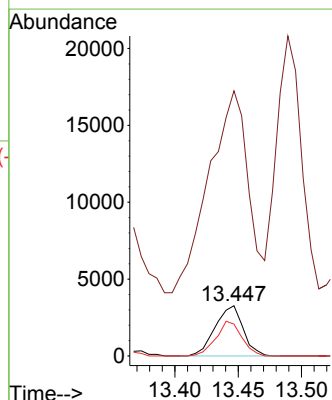
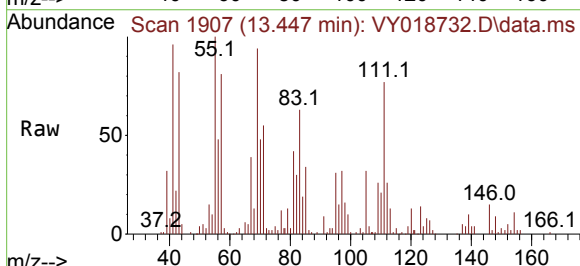
Delta R.T. 0.006 min

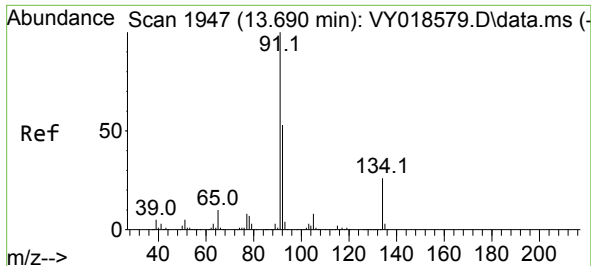
Lab File: VY018732.D

Acq: 28 Jun 2024 16:37

Tgt Ion:146 Resp: 5018

Ion	Ratio	Lower	Upper
146	100		
111	568.4	18.4	55.4#
148	63.6	32.4	97.2

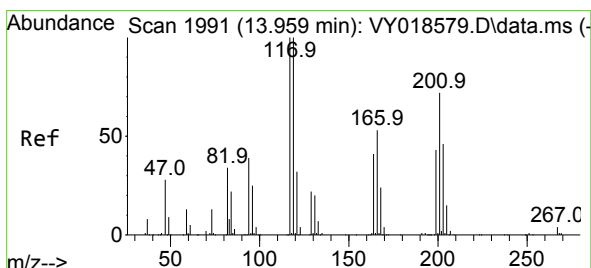
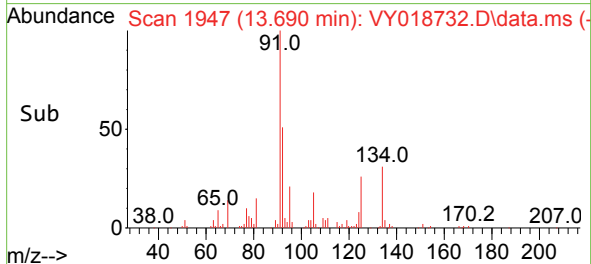
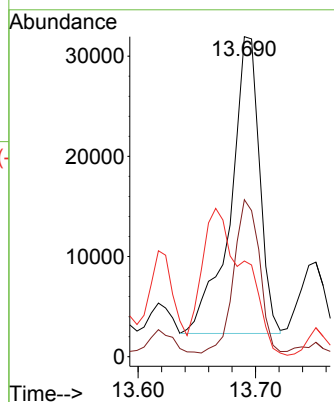
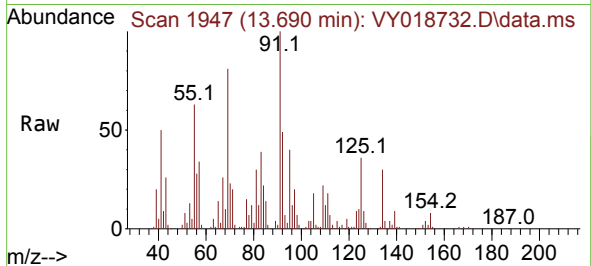




#89
n-Butylbenzene
Concen: 68.438 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

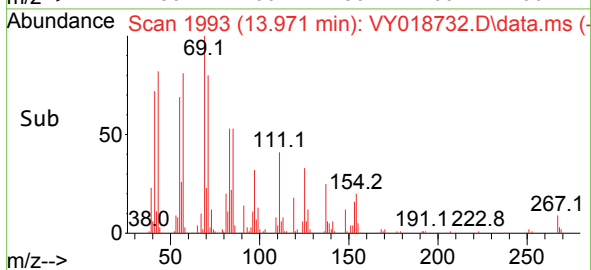
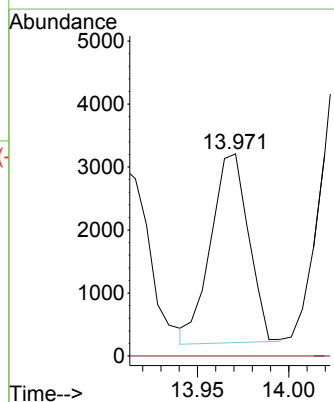
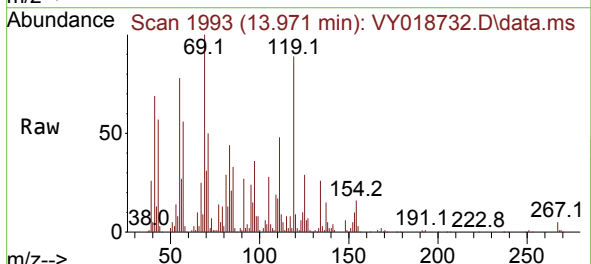
Instrument :
MSVOA_Y
ClientSampleId :

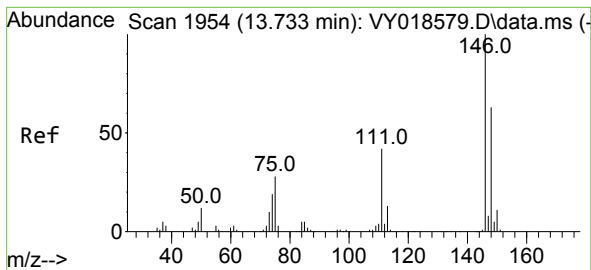
Tgt Ion: 91 Resp: 50966
Ion Ratio Lower Upper
91 100
92 45.7 26.6 79.7
134 0.0 12.9 38.7#



#90
Hexachloroethane
Concen: 28.776 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Tgt Ion: 117 Resp: 4319
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#

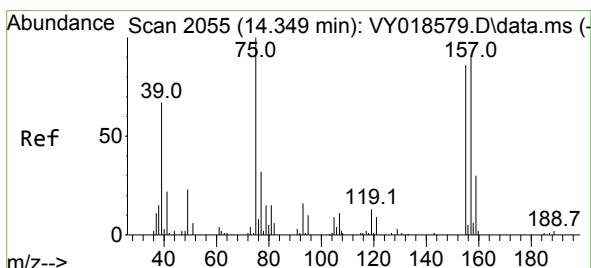
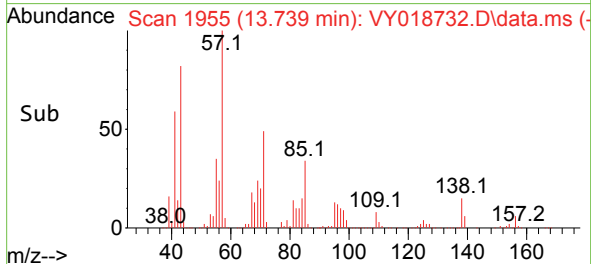
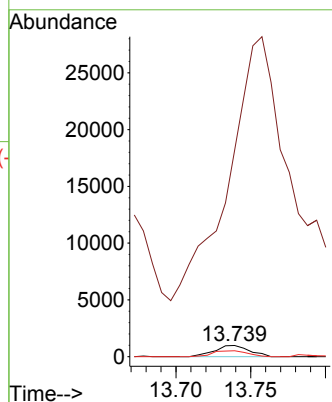
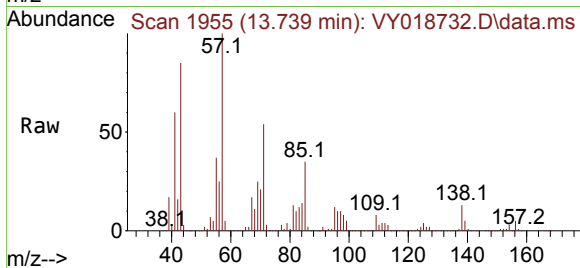




#91
1,2-Dichlorobenzene
Concen: 4.302 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

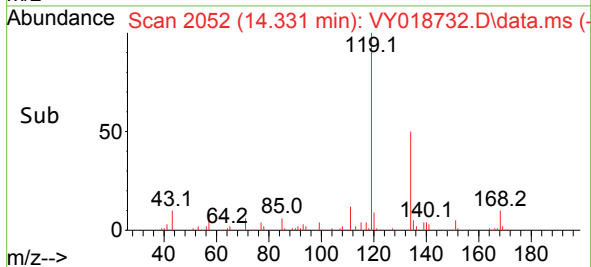
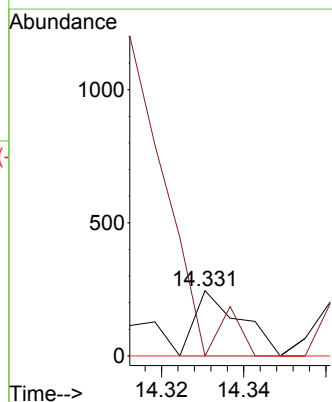
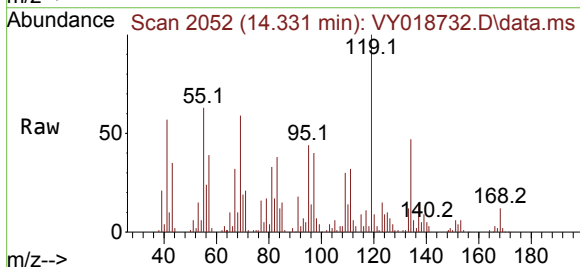
Instrument :
MSVOA_Y
ClientSampleId :

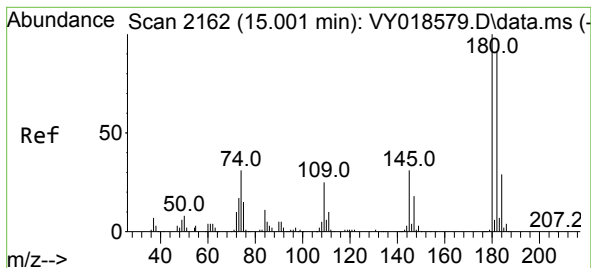
Tgt Ion:146 Resp: 1597
Ion Ratio Lower Upper
146 100
111 4487.5 19.9 59.7#
148 52.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.891 ug/l
RT: 14.331 min Scan# 2052
Delta R.T. -0.018 min
Lab File: VY018732.D
Acq: 28 Jun 2024 16:37

Tgt Ion: 75 Resp: 189
Ion Ratio Lower Upper
75 100
155 756.1 48.6 145.8#
157 0.0 62.7 188.2#





#93

1,2,4-Trichlorobenzene

Concen: 478.810 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY018732.D

Acq: 28 Jun 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

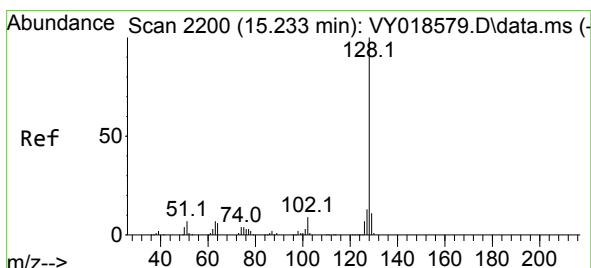
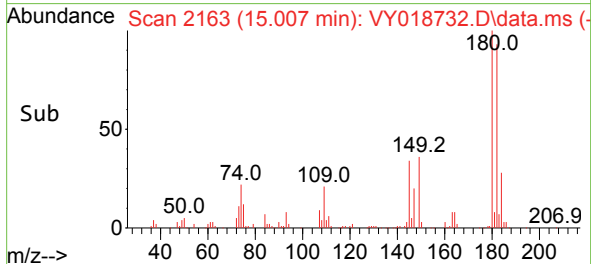
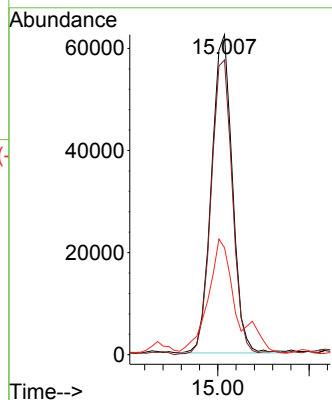
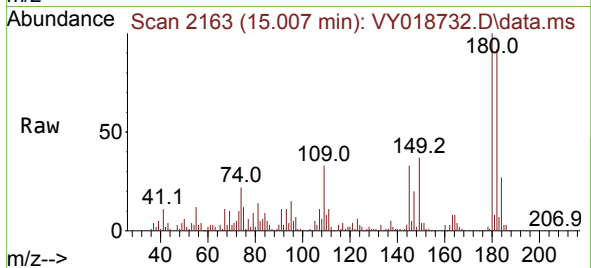
Tgt Ion:180 Resp: 99019

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.8

145 49.4 14.2 42.6#



#95

Naphthalene

Concen: 40.359 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018732.D

Acq: 28 Jun 2024 16:37

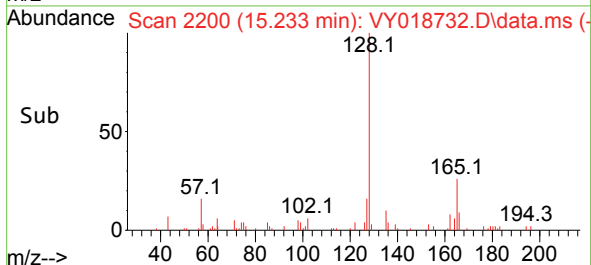
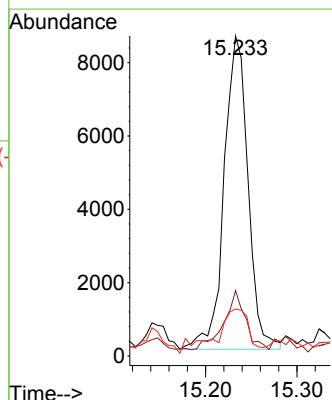
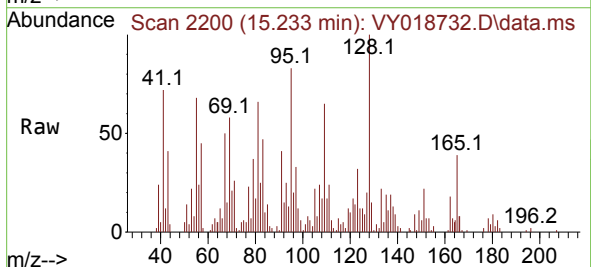
Tgt Ion:128 Resp: 15597

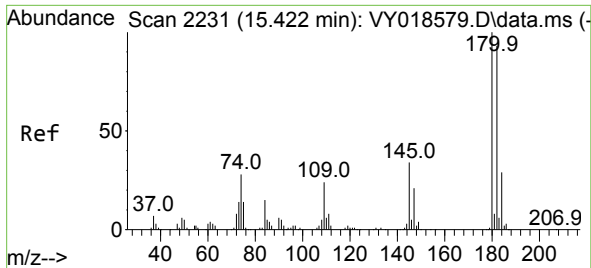
Ion Ratio Lower Upper

128 100

127 17.0 10.6 16.0#

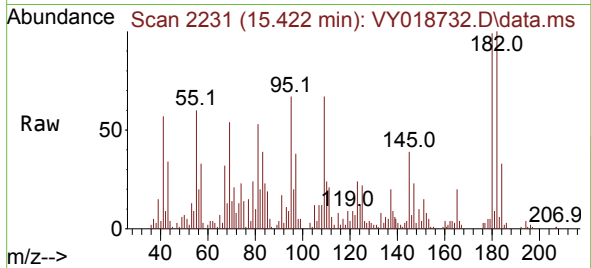
129 19.4 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 126.228 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY018732.D
 Acq: 28 Jun 2024 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	76.7	47.6	142.9
145	54.3	15.4	46.1

