

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018222.D
 Acq On : 09 May 2024 20:05
 Operator : SY/MD
 Sample : P2437-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:23:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2776	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	306	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	1409	77.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.340%	
35) Dibromofluoromethane	7.710	113	1195	50.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.940%	
50) Toluene-d8	10.185	98	4536	49.098	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.200%	
62) 4-Bromofluorobenzene	12.496	95	599	20.077	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 40.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.119	85	41	2.083	ug/l #	1
3) Chloromethane	2.132	50	72	2.733	ug/l #	14
4) Vinyl Chloride	2.247	62	133	4.164	ug/l #	73
5) Bromomethane	2.638	94	65	2.930	ug/l #	3
6) Chloroethane	2.790	64	35	1.727	ug/l #	42
8) Diethyl Ether	3.528	74	20	1.624	ug/l #	8
9) 1,1,2-Trichlorotrifluo...	3.881	101	46	1.929	ug/l #	40
11) Tert butyl alcohol	4.875	59	63	28.780	ug/l #	88
12) 1,1-Dichloroethene	3.954	96	51	2.125	ug/l #	1
13) Acrolein	3.656	56	107	56.452	ug/l #	38
14) Allyl chloride	4.473	41	200	6.550	ug/l #	69
15) Acrylonitrile	5.149	53	45	9.501	ug/l #	29
16) Acetone	3.924	43	157	43.087	ug/l #	36
18) Methyl Acetate	4.485	43	143	13.777	ug/l #	46
20) Methylene Chloride	4.698	84	321	12.463	ug/l #	47
24) 1,1-Dichloroethane	6.003	63	60	1.504	ug/l #	80
25) 2-Butanone	6.966	43	112	19.229	ug/l #	41
28) Bromochloromethane	7.332	49	41	2.571	ug/l #	6
29) Tetrahydrofuran	7.314	42	26	6.762	ug/l #	43
30) Chloroform	7.484	83	85	2.041	ug/l #	17
31) Cyclohexane	7.771	56	23	Below Cal	#	1
37) Ethyl Acetate	7.070	43	149	10.533	ug/l #	69
38) Carbon Tetrachloride	7.789	117	255	6.944	ug/l #	13
39) Methylcyclohexane	9.057	83	65	1.341	ug/l #	63
41) Methacrylonitrile	7.307	41	142	17.384	ug/l #	29
46) Dibromomethane	9.295	93	60	4.416	ug/l #	3
48) Methyl methacrylate	9.319	41	75	5.644	ug/l #	71
49) 1,4-Dioxane	9.472	88	37	205.148	ug/l #	20
51) 4-Methyl-2-Pentanone	10.069	43	127	8.715	ug/l	96
53) t-1,3-Dichloropropene	10.478	75	74	2.359	ug/l #	1
54) cis-1,3-Dichloropropene	9.880	75	42	1.095	ug/l #	40
55) 1,1,2-Trichloroethane	10.404	97	61	3.268	ug/l #	16
56) Ethyl methacrylate	10.526	69	86	3.392	ug/l #	6
57) 1,3-Dichloropropane	10.758	76	52	1.712	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.728	63	50	4.131	ug/l #	45
59) 2-Hexanone	10.728	43	102	10.010	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

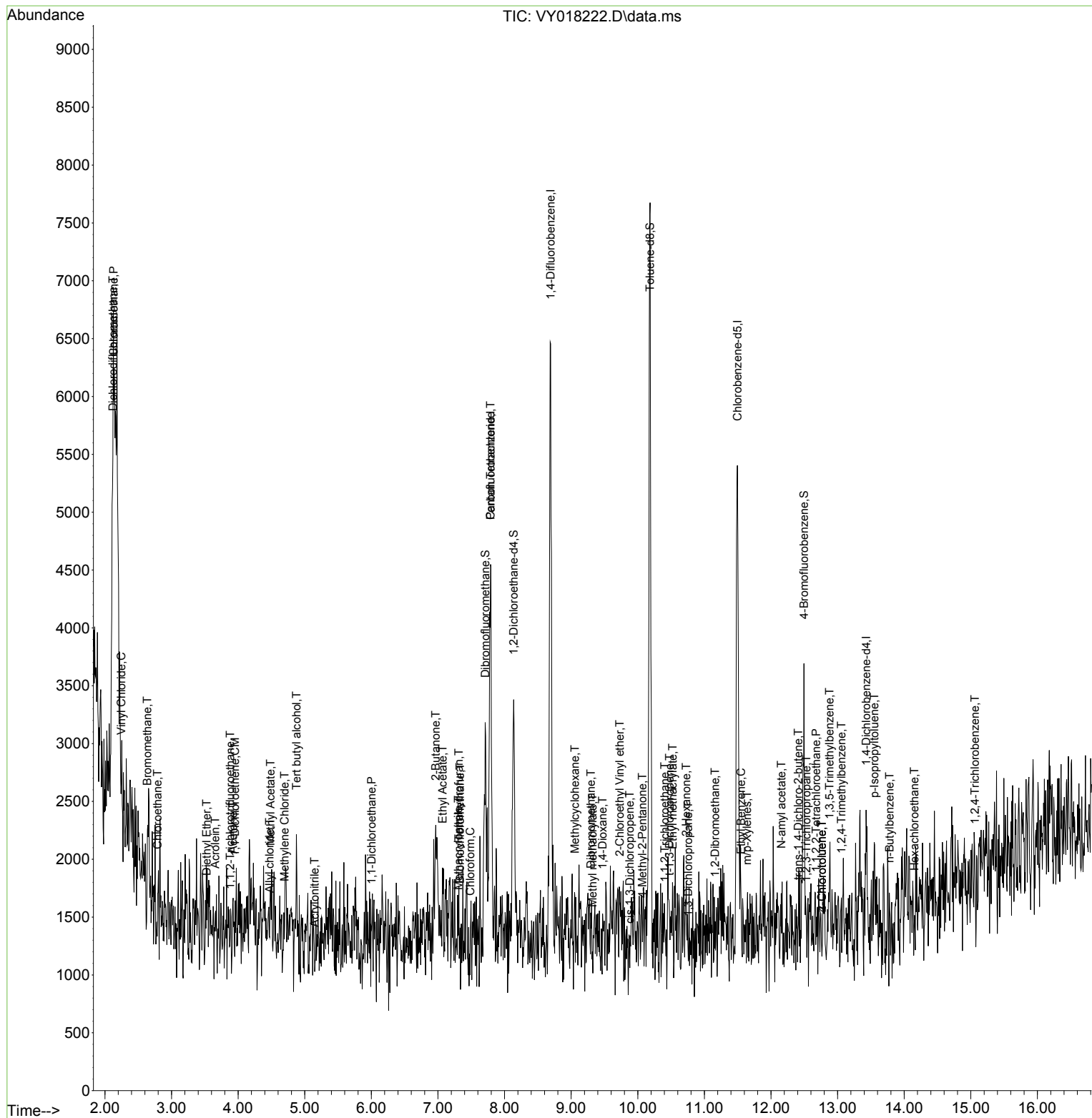
61) 1,2-Dibromoethane	11.160	107	23	1.308	ug/l #	2
67) Ethyl Benzene	11.551	91	128	1.341	ug/l #	44
68) m/p-Xylenes	11.642	106	45	1.192	ug/l #	1
74) N-amyl acetate	12.154	43	118	24.776	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	12.678	83	20	5.465	ug/l #	26
76) 1,2,3-Trichloropropane	12.532	75	23	9.390	ug/l #	100
79) 2-Chlorotoluene	12.764	91	41	2.765	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.880	105	27	1.492	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.410	75	19	14.946	ug/l #	16
82) 4-Chlorotoluene	12.764	91	41	2.753	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.056	105	53	2.991	ug/l #	30
86) p-Isopropyltoluene	13.550	119	22	1.093	ug/l #	51
89) n-Butylbenzene	13.782	91	39	2.140	ug/l #	33
90) Hexachloroethane	14.154	117	45	11.391	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.062	180	19	3.863	ug/l #	12

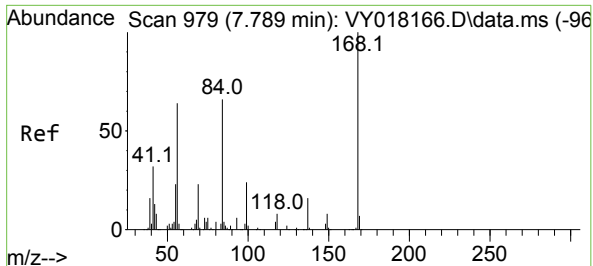
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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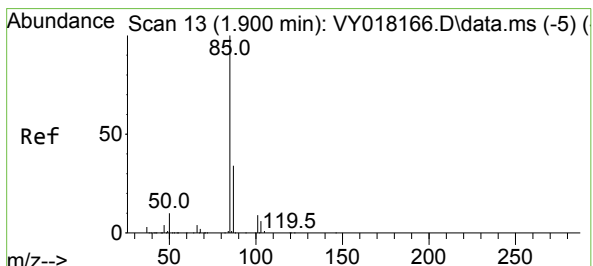
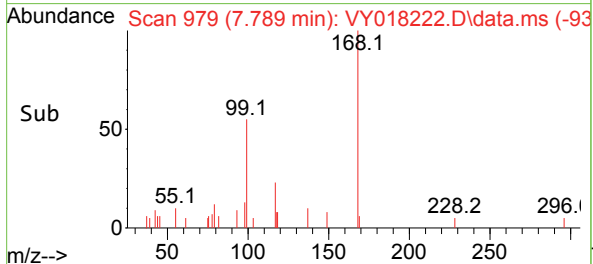
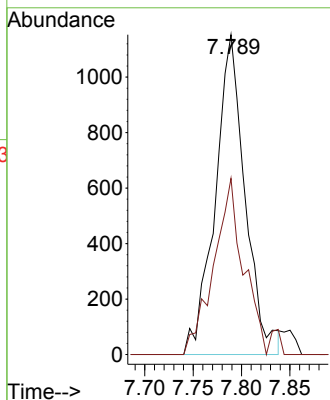
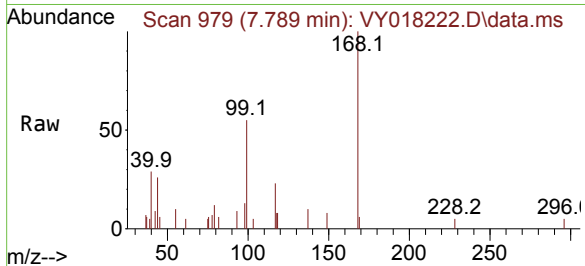




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

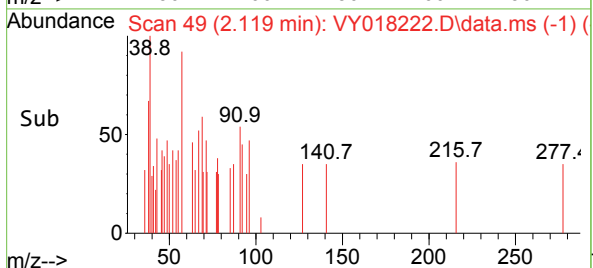
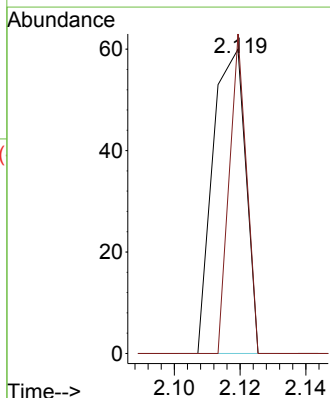
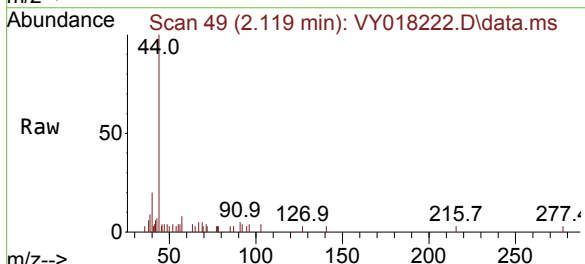
Instrument :
MSVOA_Y
ClientSampleId :

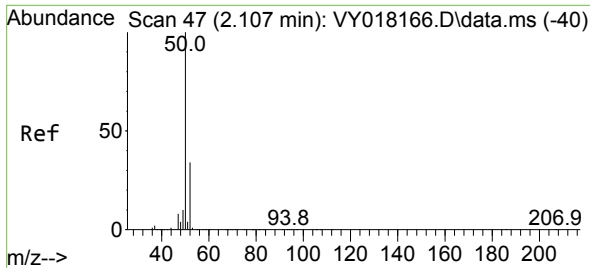
Tgt Ion:168 Resp: 2482
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 2.083 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.220 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 85 Resp: 41
Ion Ratio Lower Upper
85 100
87 105.0 16.0 48.0#

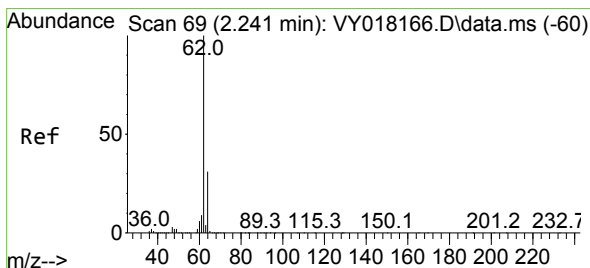
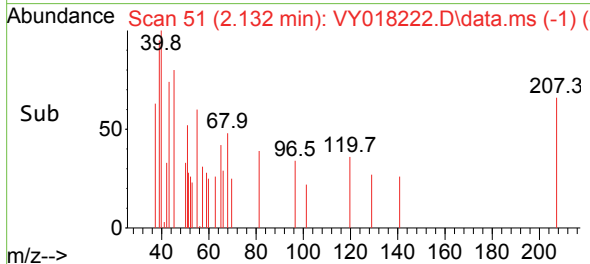
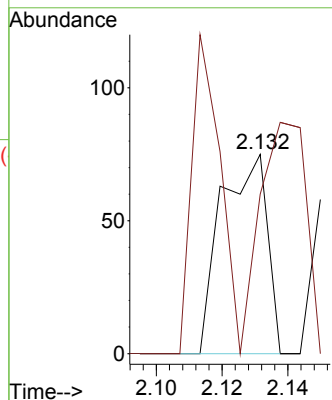
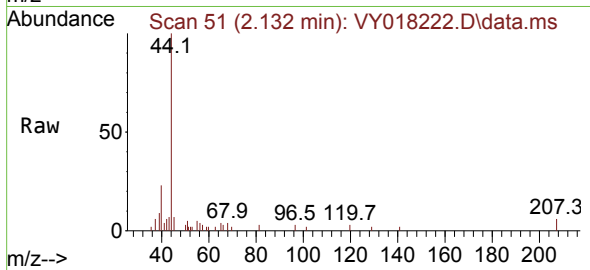




#3
Chloromethane
Concen: 2.733 ug/l
RT: 2.132 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

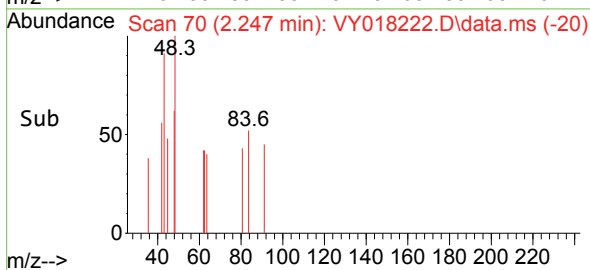
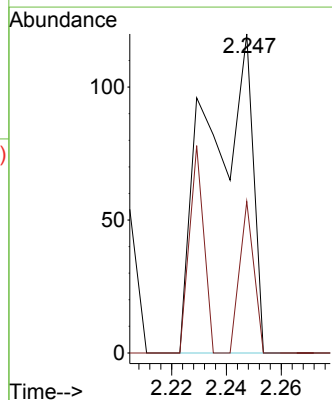
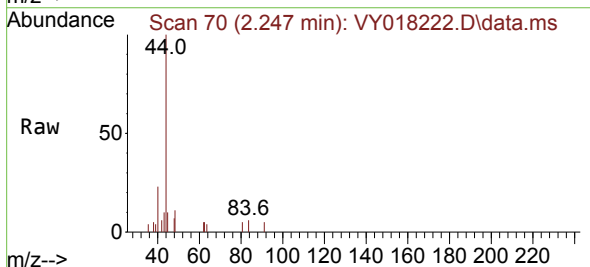
Instrument :
MSVOA_Y
ClientSampleId :

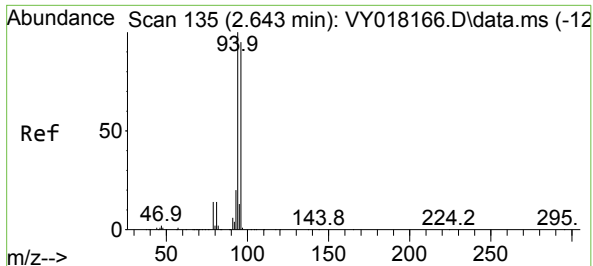
Tgt Ion: 50 Resp: 72
Ion Ratio Lower Upper
50 100
52 80.0 25.6 38.4#



#4
Vinyl Chloride
Concen: 4.164 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

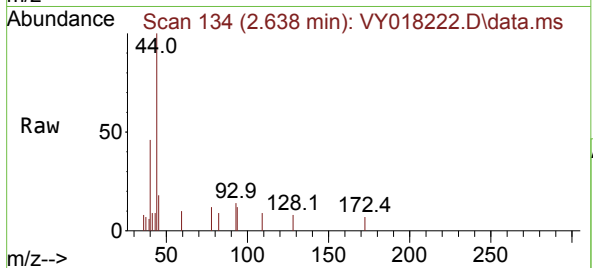
Tgt Ion: 62 Resp: 133
Ion Ratio Lower Upper
62 100
64 47.5 26.1 39.1#



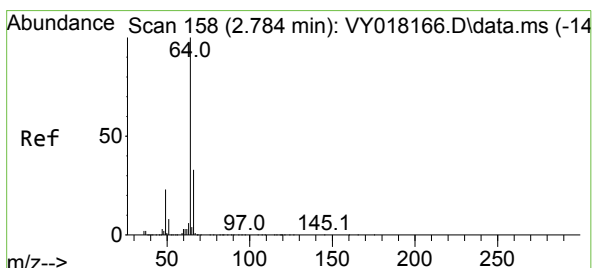
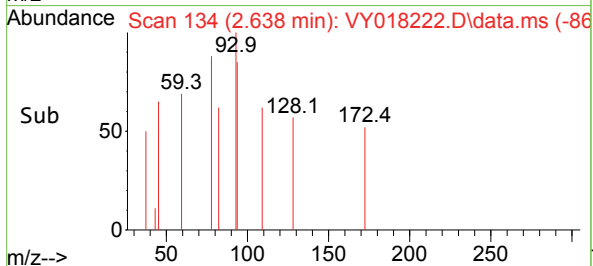
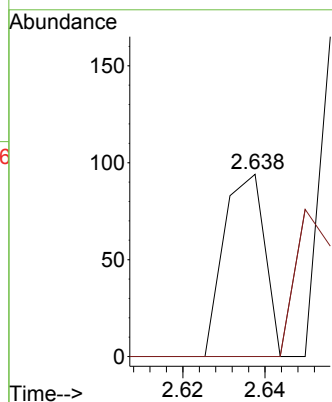


#5
Bromomethane
Concen: 2.930 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

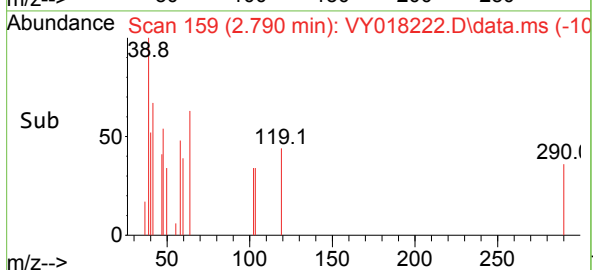
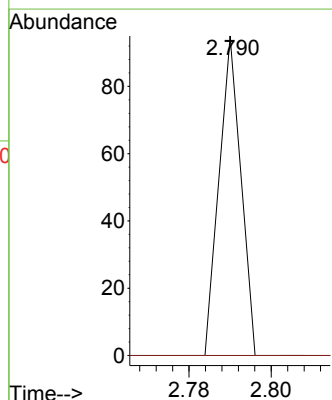
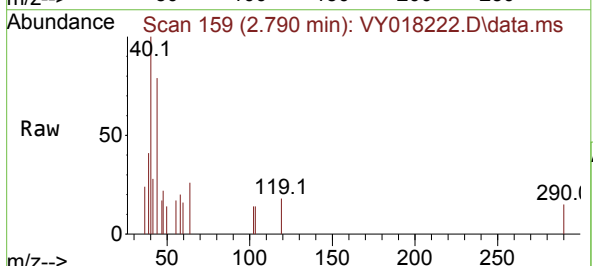


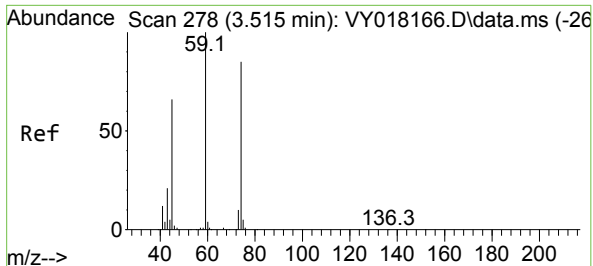
Tgt Ion: 94 Resp: 65
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



#6
Chloroethane
Concen: 1.727 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 64 Resp: 35
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#

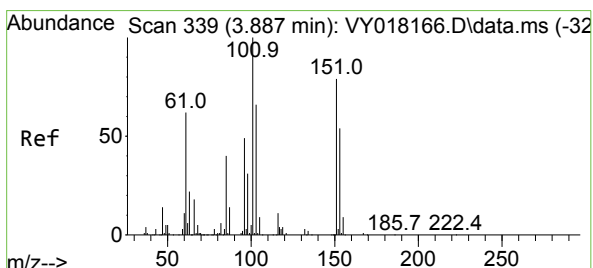
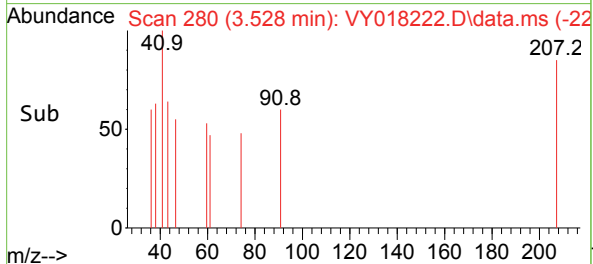
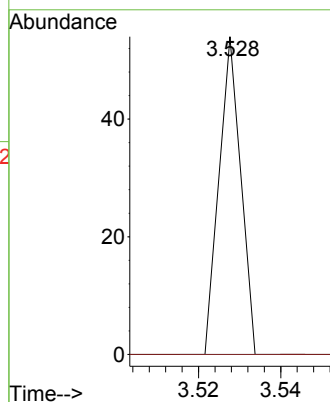
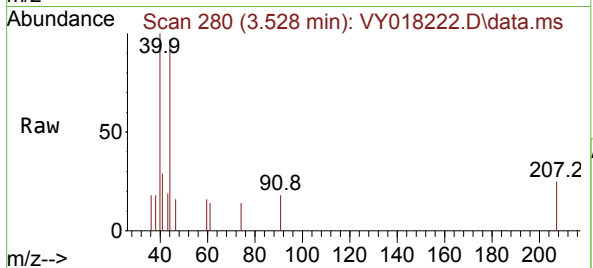




#8
Diethyl Ether
Concen: 1.624 ug/l
RT: 3.528 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

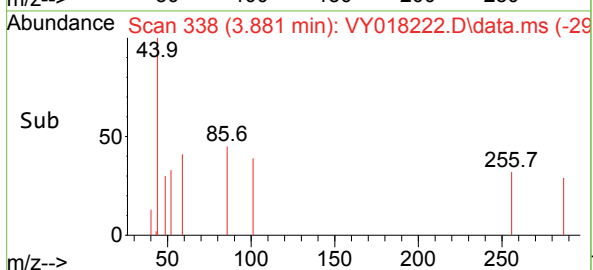
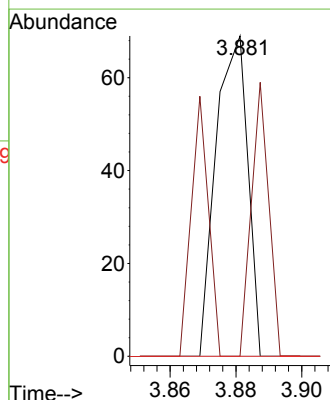
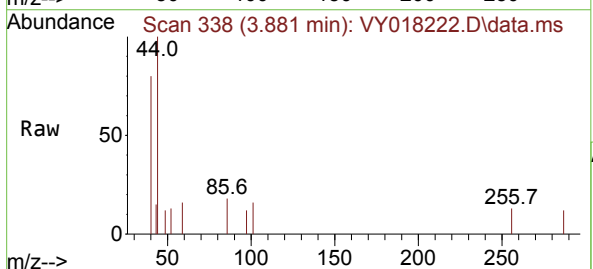
Instrument :
MSVOA_Y
ClientSampleId :

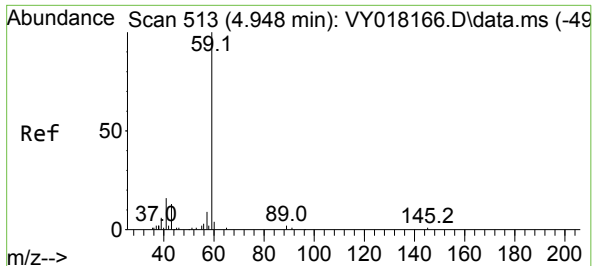
Tgt Ion: 74 Resp: 20
Ion Ratio Lower Upper
74 100
45 0.0 41.3 124.1#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.929 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion:101 Resp: 46
Ion Ratio Lower Upper
101 100
85 47.8 34.5 51.7
151 0.0 61.7 92.5#





#11

Tert butyl alcohol

Concen: 28.780 ug/l

RT: 4.875 min Scan# 50

Delta R.T. -0.073 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

Instrument :

MSVOA_Y

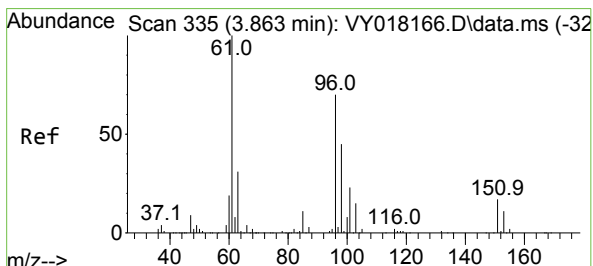
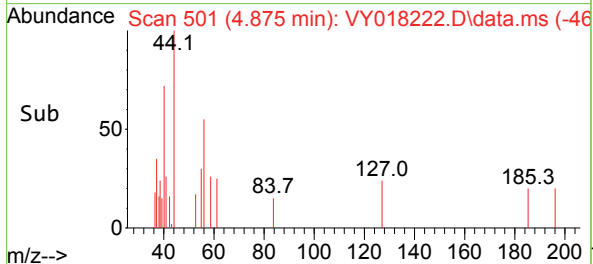
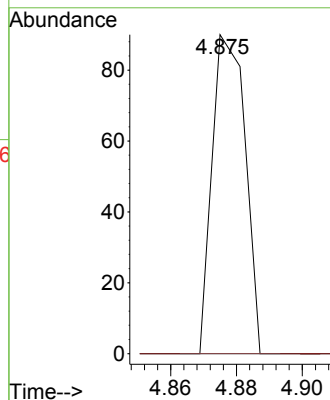
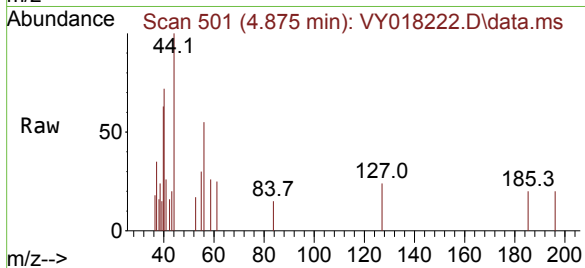
ClientSampleId :

Tgt Ion: 59 Resp: 63

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 2.125 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.092 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

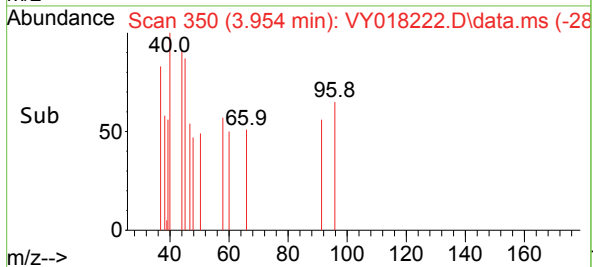
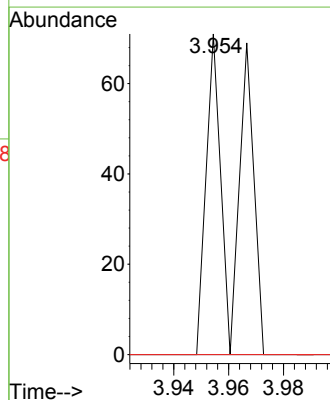
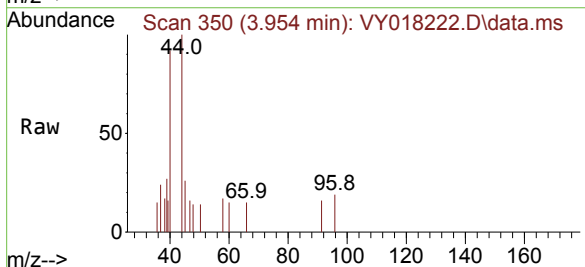
Tgt Ion: 96 Resp: 51

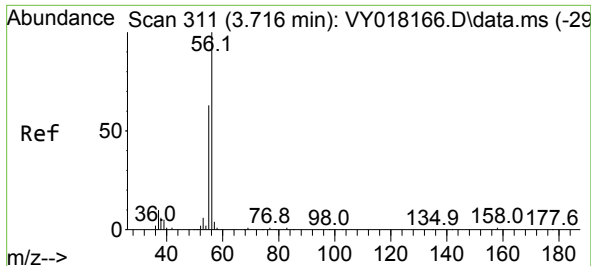
Ion Ratio Lower Upper

96 100

61 0.0 114.6 171.8#

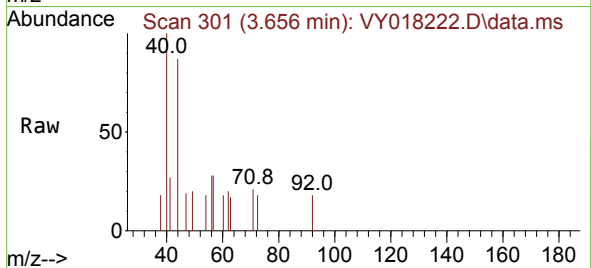
98 0.0 50.8 76.2#



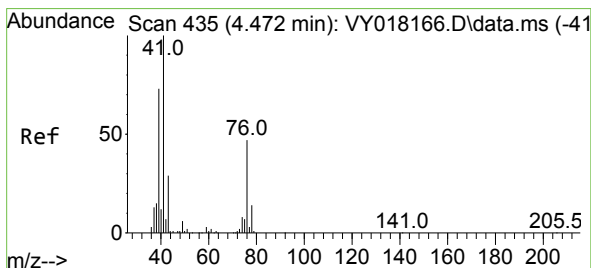
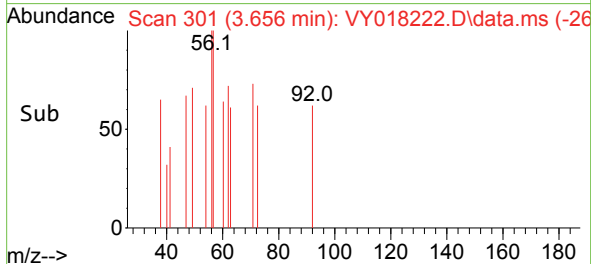
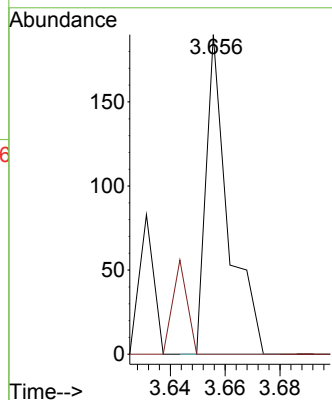


#13
Acrolein
Concen: 56.452 ug/l
RT: 3.656 min Scan# 301
Delta R.T. -0.060 min
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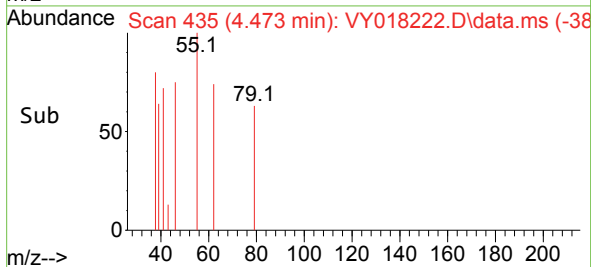
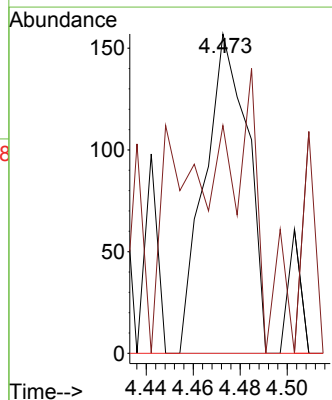
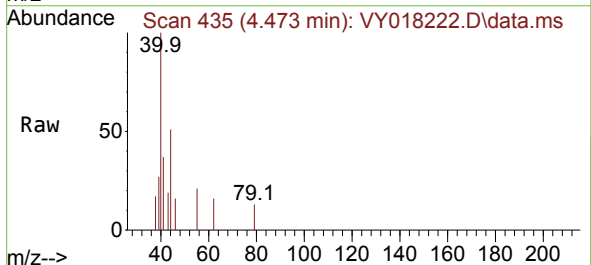


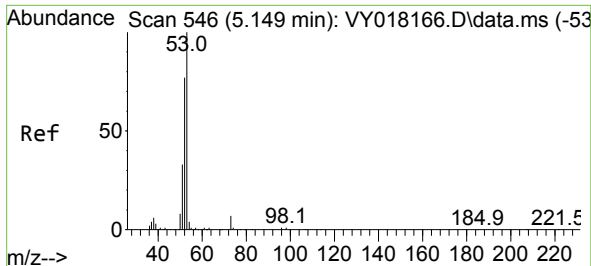
Tgt Ion: 56 Resp: 107
Ion Ratio Lower Upper
56 100
55 18.7 55.7 83.5#



#14
Allyl chloride
Concen: 6.550 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

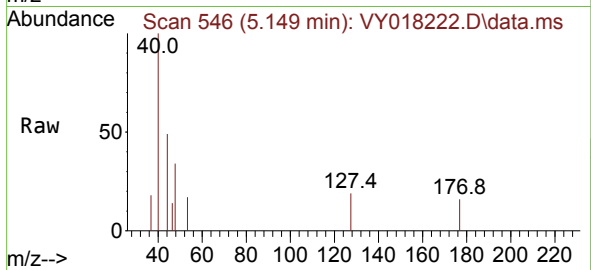
Tgt Ion: 41 Resp: 200
Ion Ratio Lower Upper
41 100
39 69.5 58.3 87.5
76 0.0 39.0 58.6#



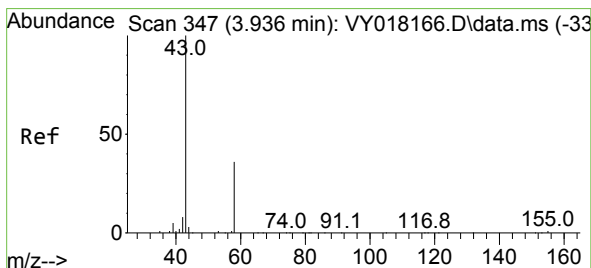
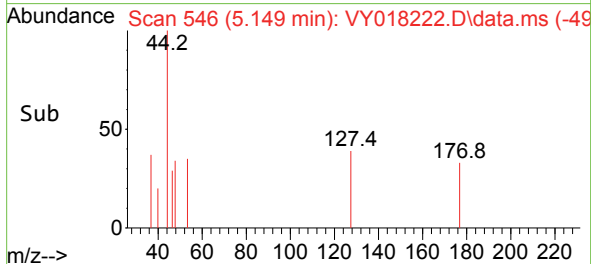
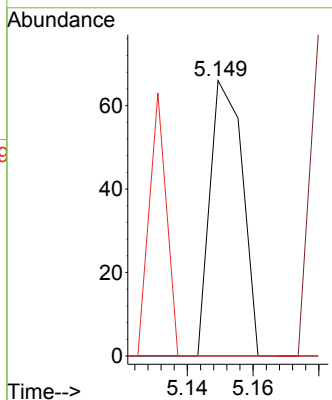


#15
Acrylonitrile
Concen: 9.501 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

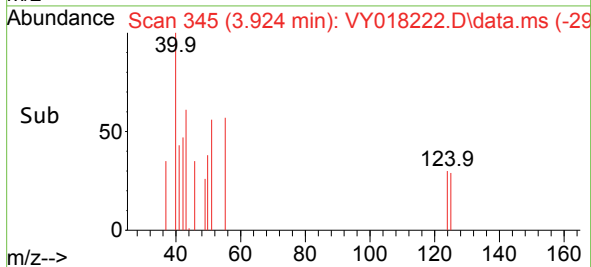
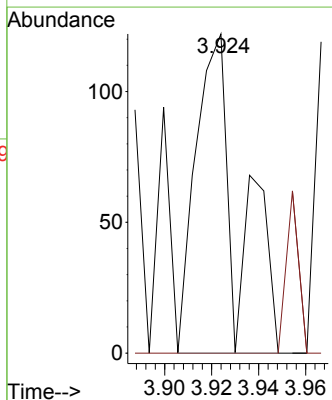
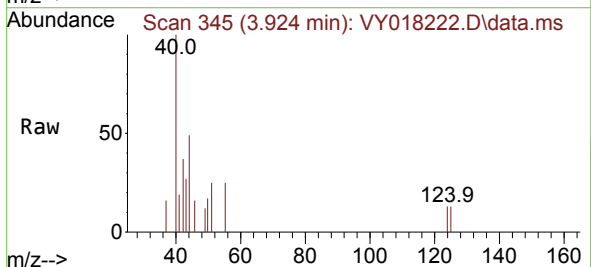


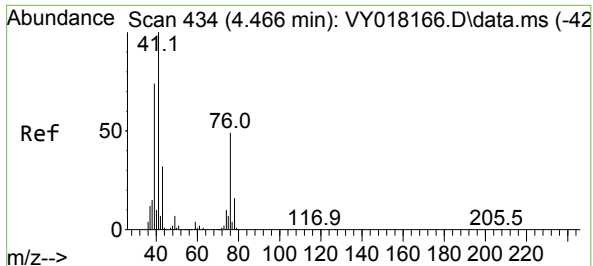
Tgt Ion: 53 Resp: 45
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 51.1 28.4 42.6#



#16
Acetone
Concen: 43.087 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#18

Methyl Acetate

Concen: 13.777 ug/l

RT: 4.485 min Scan# 41

Delta R.T. 0.018 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

Instrument :

MSVOA_Y

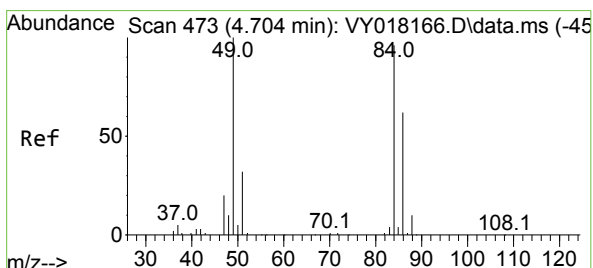
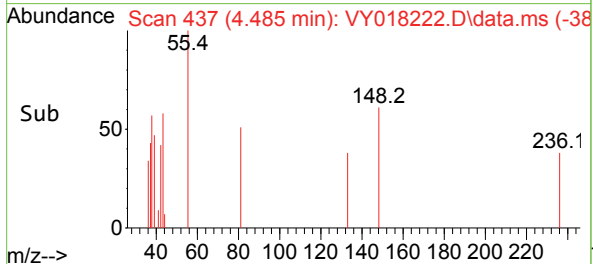
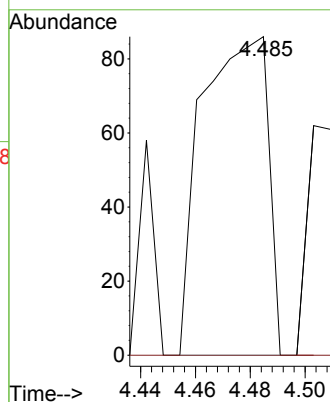
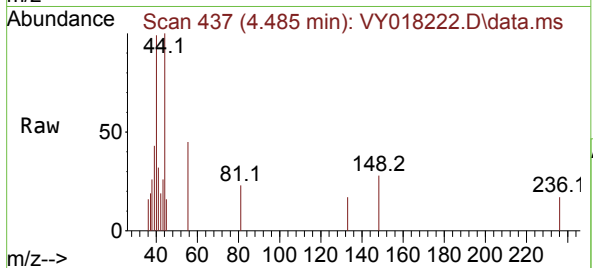
ClientSampleId :

Tgt Ion: 43 Resp: 143

Ion Ratio Lower Upper

43 100

74 0.0 23.3 34.9#



#20

Methylene Chloride

Concen: 12.463 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

Tgt Ion: 84 Resp: 321

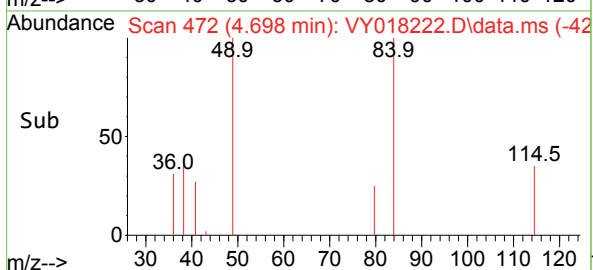
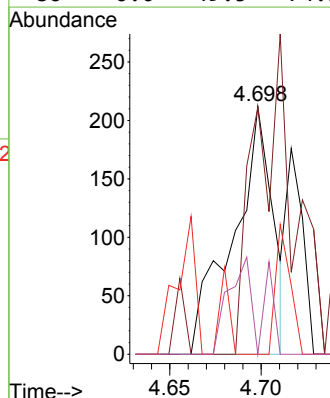
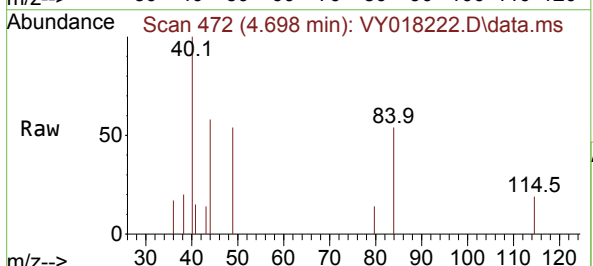
Ion Ratio Lower Upper

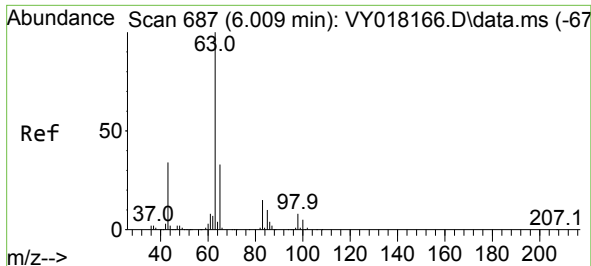
84 100

49 68.9 84.4 126.6#

51 0.0 26.0 39.0#

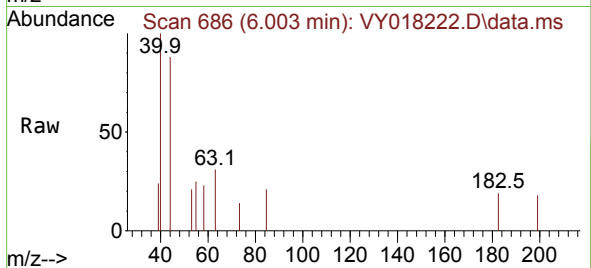
86 0.0 49.5 74.3#



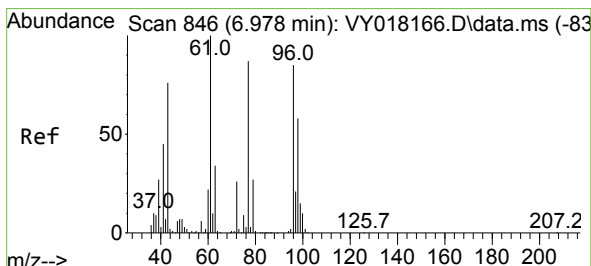
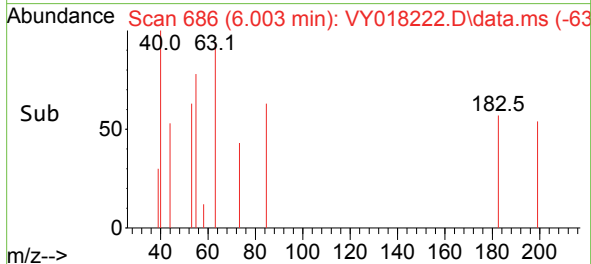
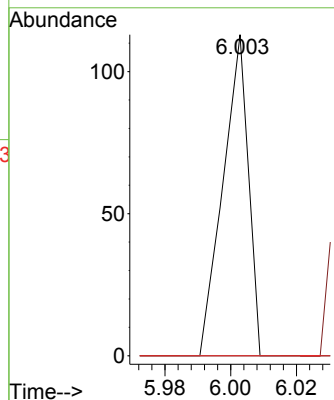


#24
1,1-Dichloroethane
Concen: 1.504 ug/l
RT: 6.003 min Scan# 60
Delta R.T. -0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

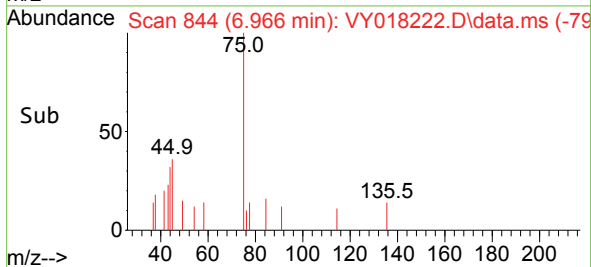
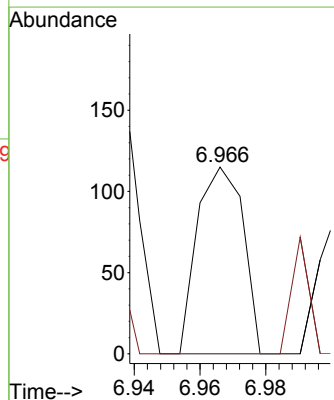
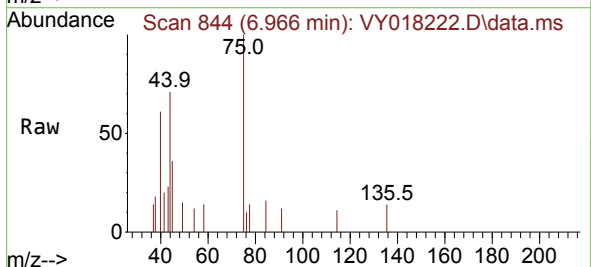


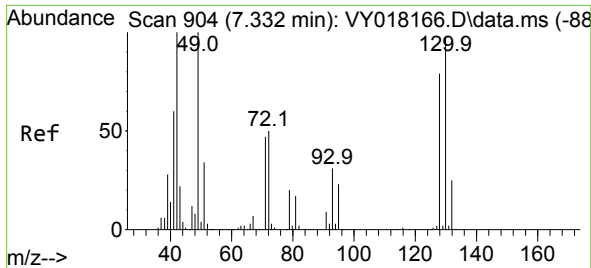
Tgt Ion: 63 Resp: 60
Ion Ratio Lower Upper
63 100
98 0.0 4.0 12.2#
100 0.0 2.6 8.0#



#25
2-Butanone
Concen: 19.229 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 43 Resp: 112
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#

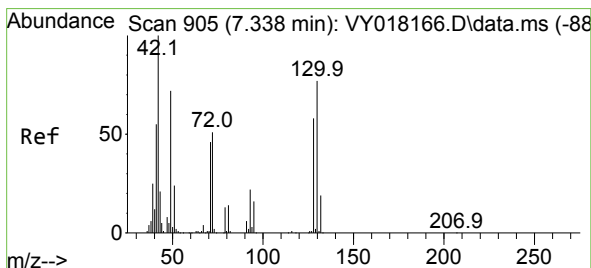
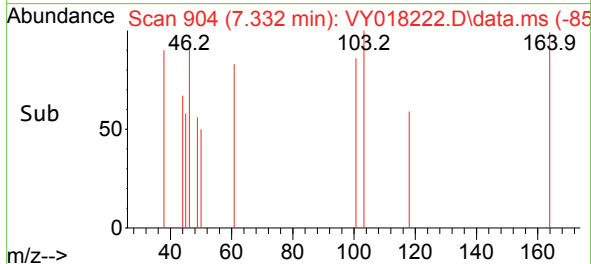
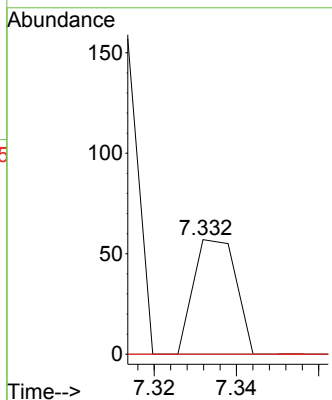
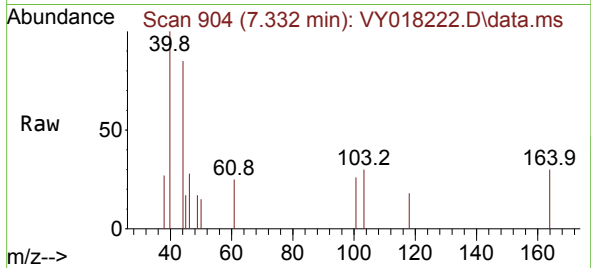




#28
Bromochloromethane
Concen: 2.571 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

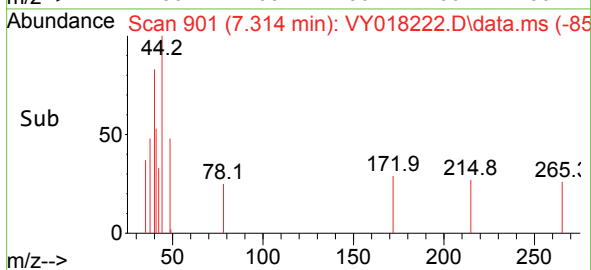
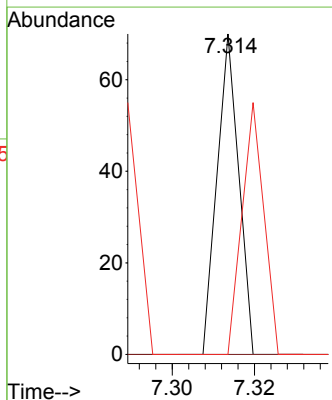
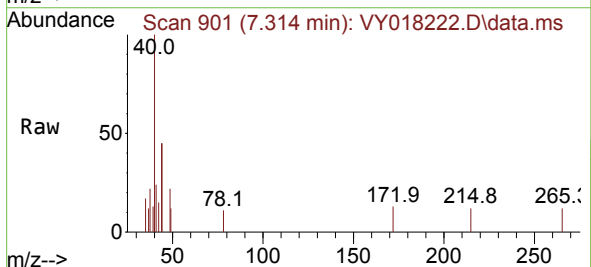
Instrument :
MSVOA_Y
ClientSampleId :

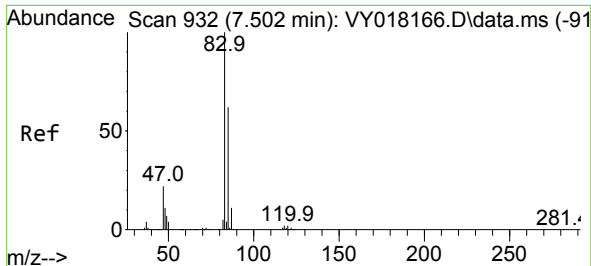
Tgt Ion: 49 Resp: 41
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.7 109.1#



#29
Tetrahydrofuran
Concen: 6.762 ug/l
RT: 7.314 min Scan# 901
Delta R.T. -0.024 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

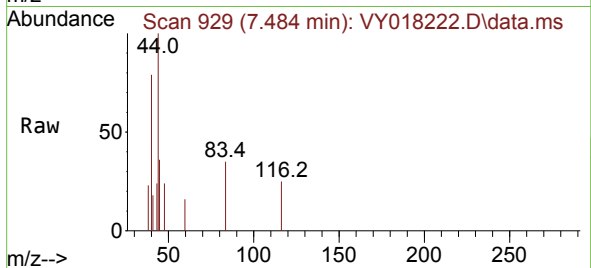
Tgt Ion: 42 Resp: 26
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 76.9 40.8 61.2#



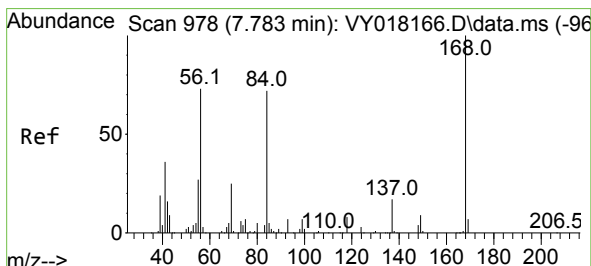
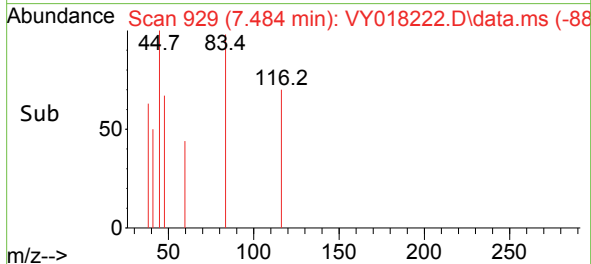
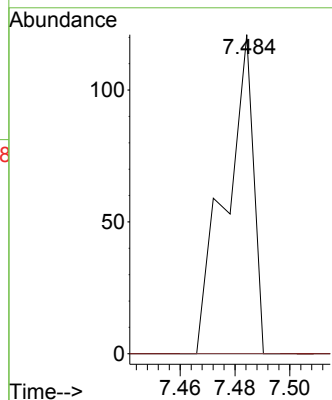


#30
Chloroform
Concen: 2.041 ug/l
RT: 7.484 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

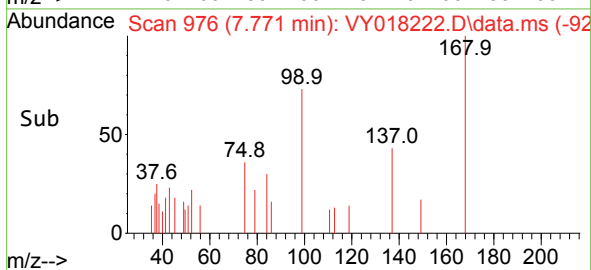
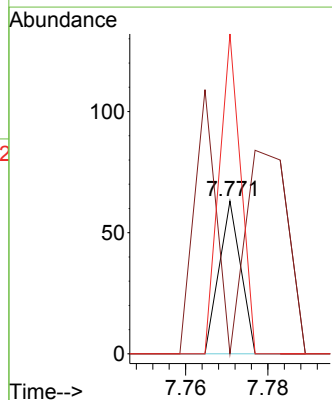
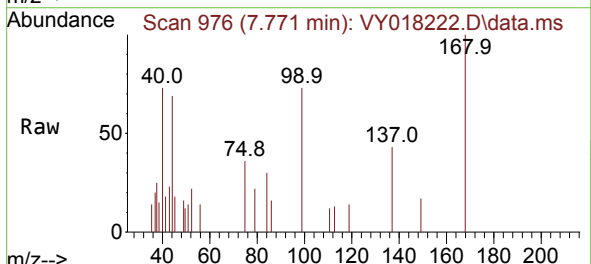


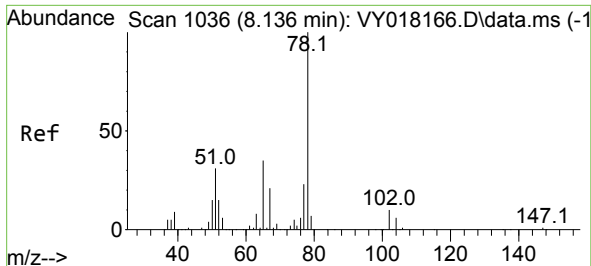
Tgt Ion: 83 Resp: 85
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.771 min Scan# 976
Delta R.T. -0.012 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
69 0.0 28.7 43.1#
84 209.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 77.166 ug/l

RT: 8.137 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

Instrument :

MSVOA_Y

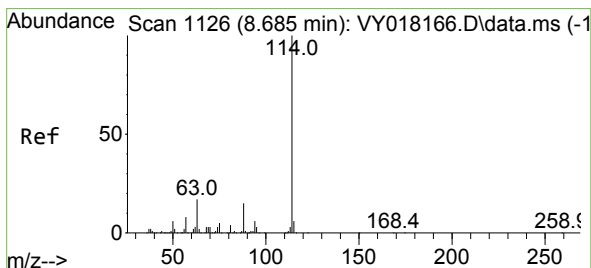
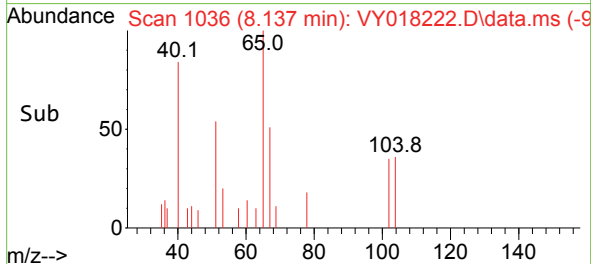
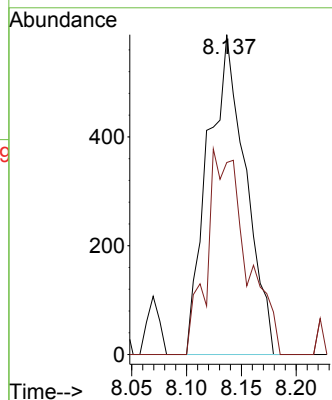
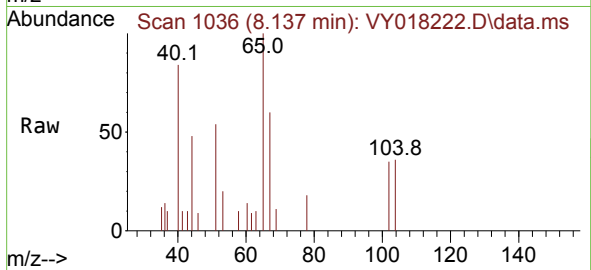
ClientSampleId :

Tgt Ion: 65 Resp: 1409

Ion Ratio Lower Upper

65 100

67 66.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

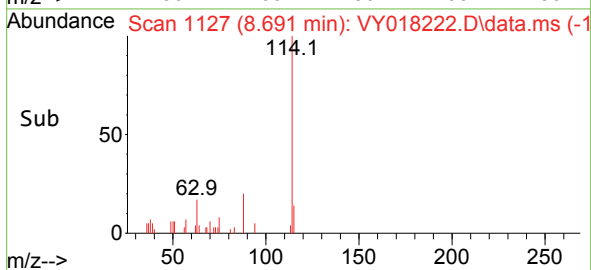
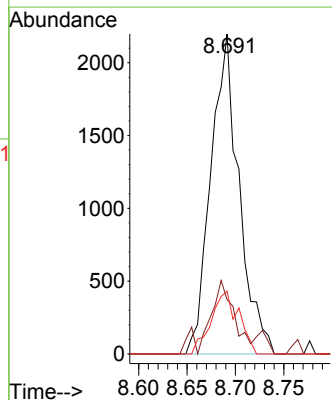
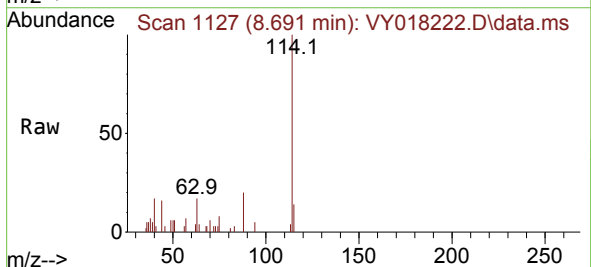
Tgt Ion: 114 Resp: 4461

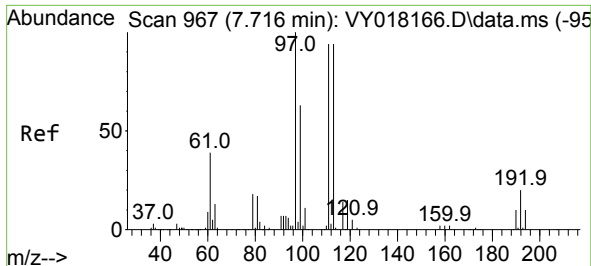
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

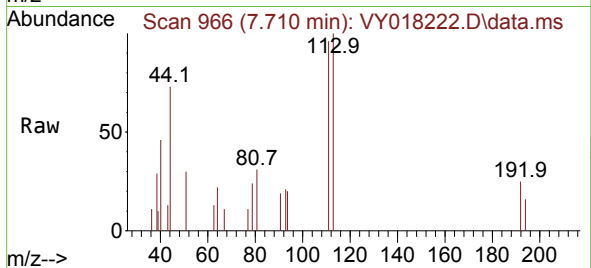
88 19.6 0.0 27.2



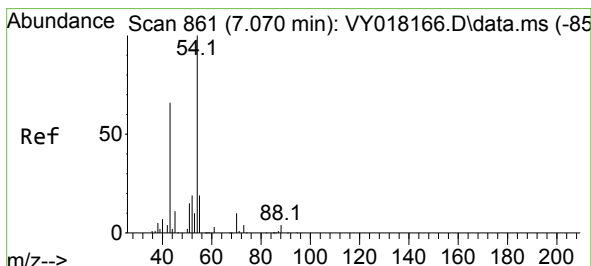
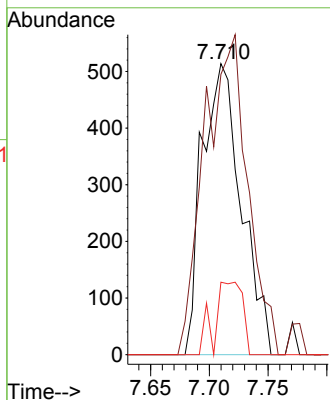
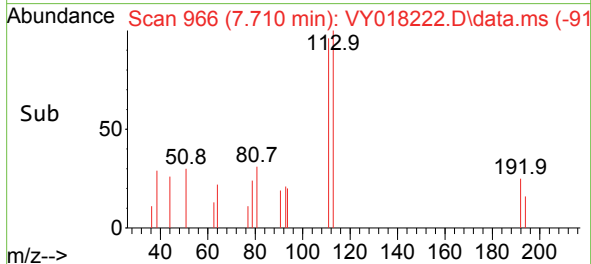


#35
Dibromofluoromethane
Concen: 50.971 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

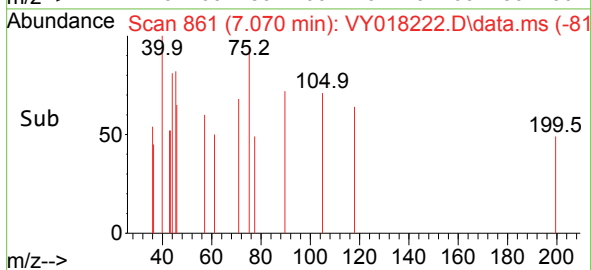
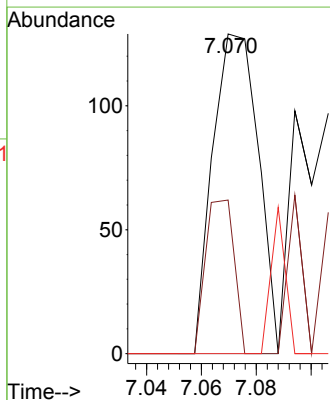
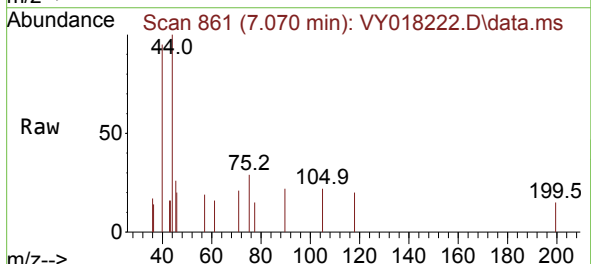


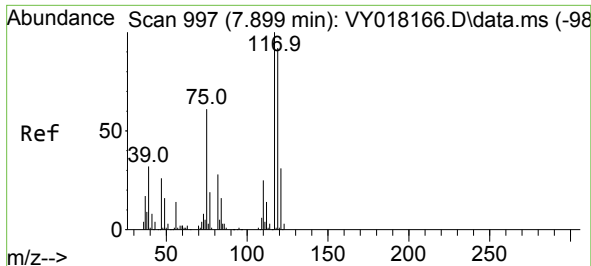
Tgt Ion:113 Resp: 1195
Ion Ratio Lower Upper
113 100
111 120.7 82.2 123.4
192 17.8 15.9 23.9



#37
Ethyl Acetate
Concen: 10.533 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

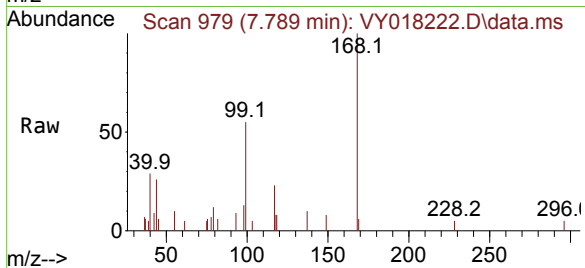
Tgt Ion: 43 Resp: 149
Ion Ratio Lower Upper
43 100
61 30.2 12.6 19.0#
70 0.0 7.8 11.8#



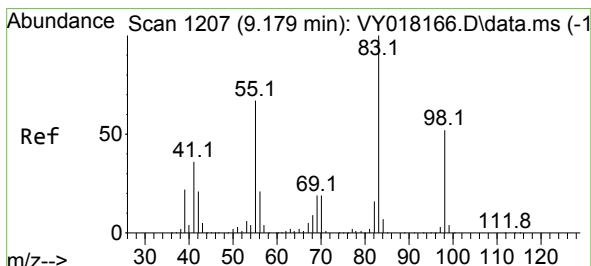
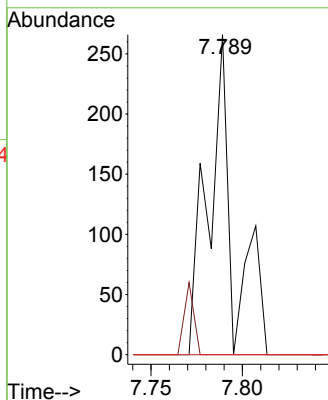
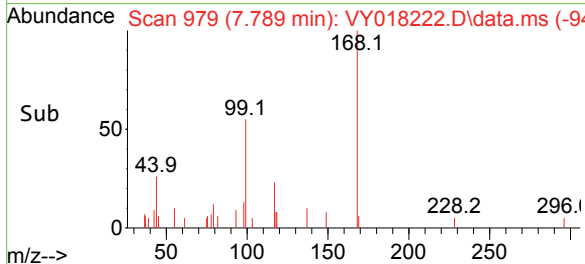


#38
Carbon Tetrachloride
Concen: 6.944 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

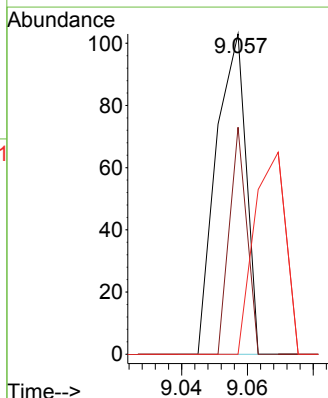
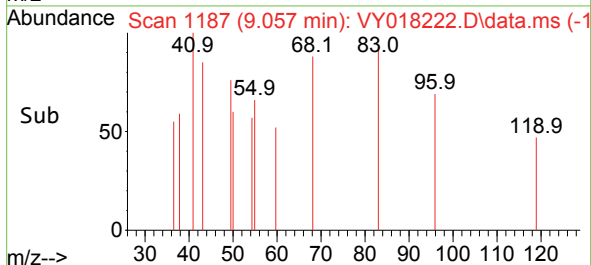
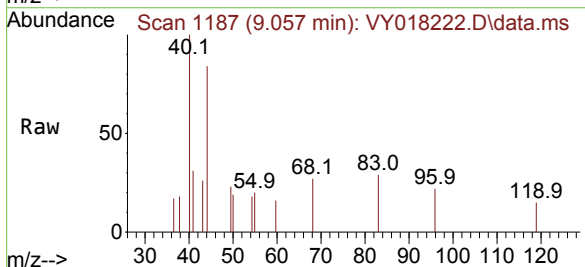


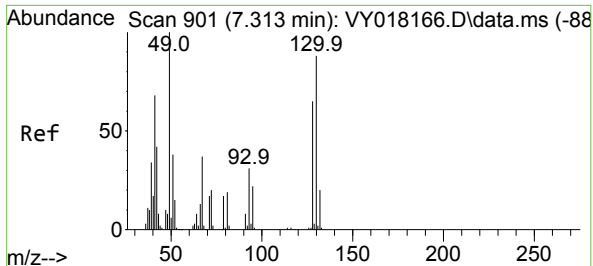
Tgt Ion:117 Resp: 255
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#39
Methylcyclohexane
Concen: 1.341 ug/l
RT: 9.057 min Scan# 1187
Delta R.T. -0.122 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

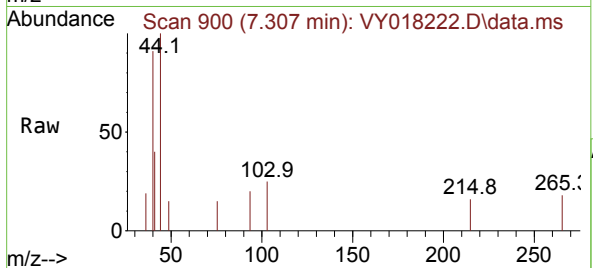
Tgt Ion: 83 Resp: 65
Ion Ratio Lower Upper
83 100
55 70.9 51.5 77.3
98 0.0 40.5 60.7#



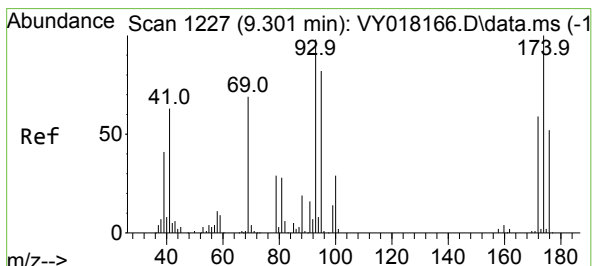
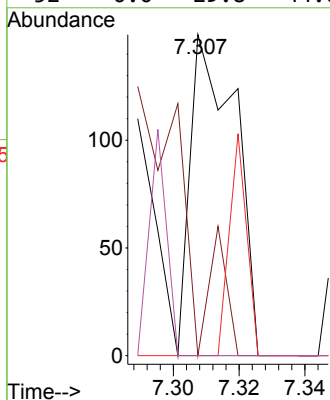
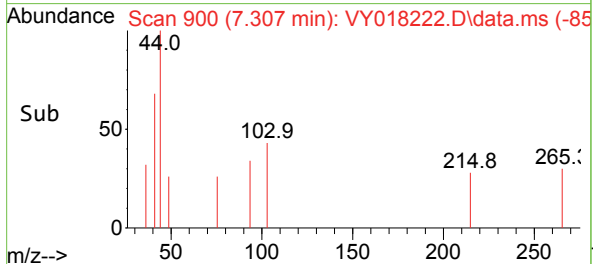


#41
Methacrylonitrile
Concen: 17.384 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

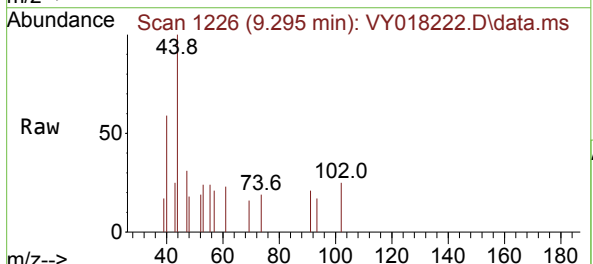
Instrument :
MSVOA_Y
ClientSampleId :



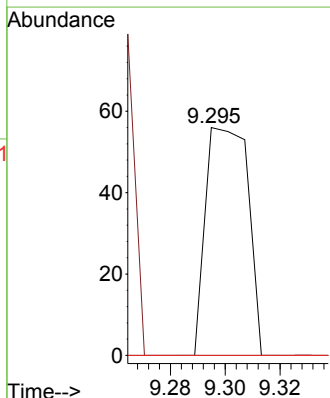
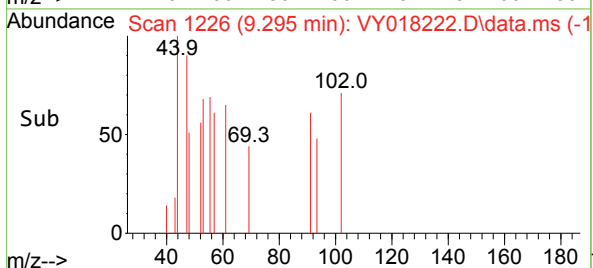
Tgt Ion: 41 Resp: 142
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 26.8 75.1 112.7#
52 0.0 29.8 44.6#

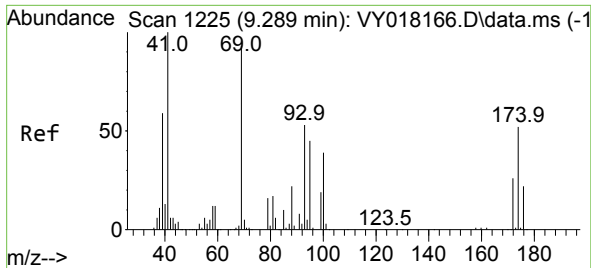


#46
Dibromomethane
Concen: 4.416 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05



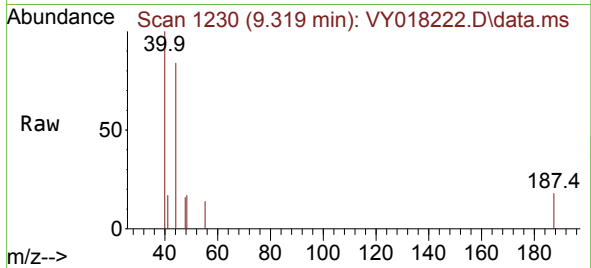
Tgt Ion: 93 Resp: 60
Ion Ratio Lower Upper
93 100
95 0.0 66.2 99.4#
174 0.0 80.9 121.3#



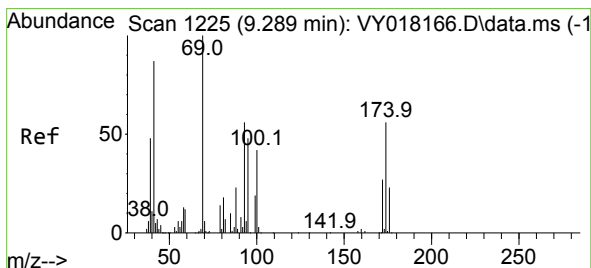
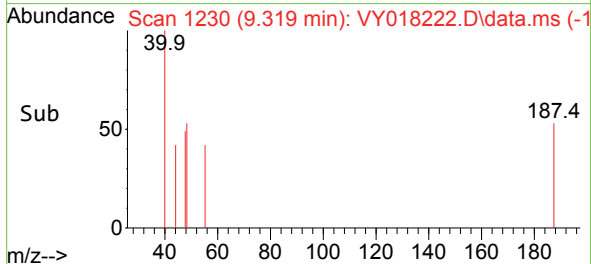
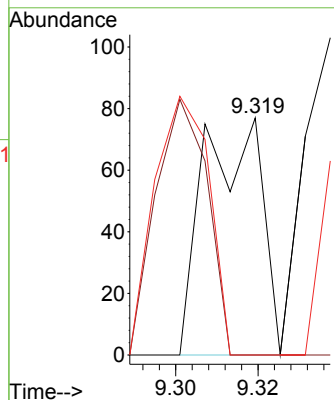


#48
Methyl methacrylate
Concen: 5.644 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.031 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

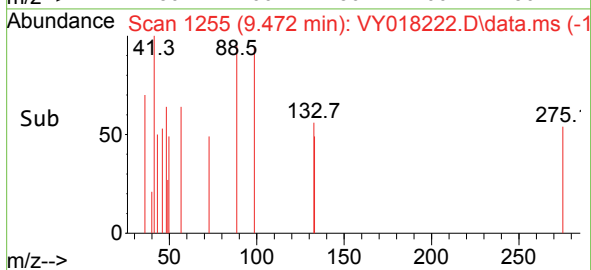
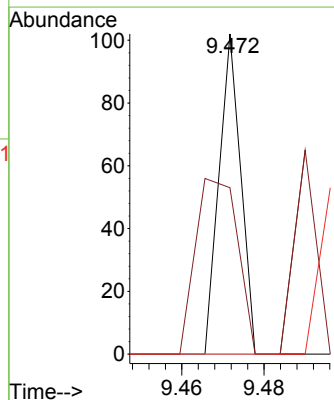
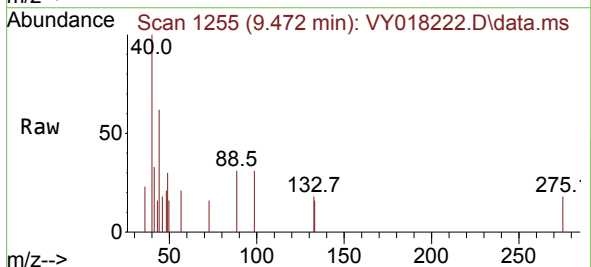


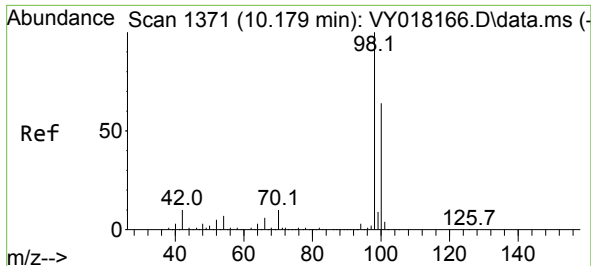
Tgt Ion: 41 Resp: 75
Ion Ratio Lower Upper
41 100
69 96.0 84.1 126.1
39 102.7 43.6 65.4#



#49
1,4-Dioxane
Concen: 205.148 ug/l
RT: 9.472 min Scan# 1255
Delta R.T. 0.183 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 88 Resp: 37
Ion Ratio Lower Upper
88 100
43 108.1 0.0 0.0#
58 0.0 49.3 73.9#

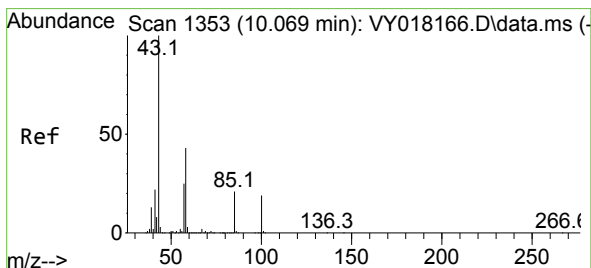
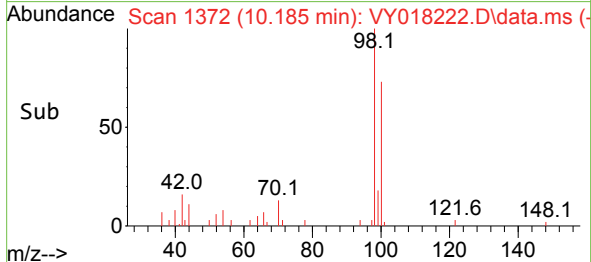
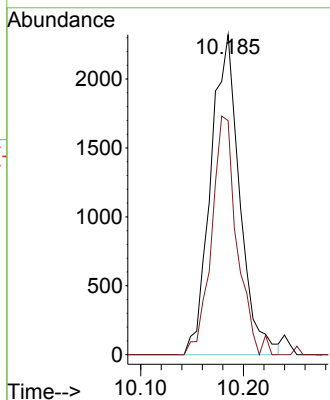
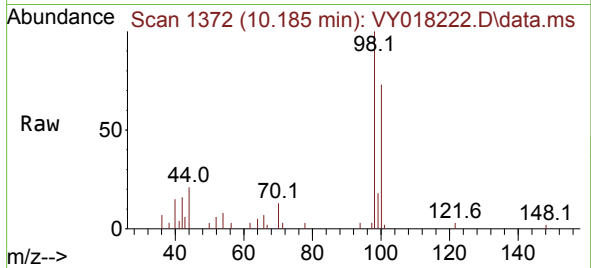




#50
Toluene-d8
Concen: 49.098 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

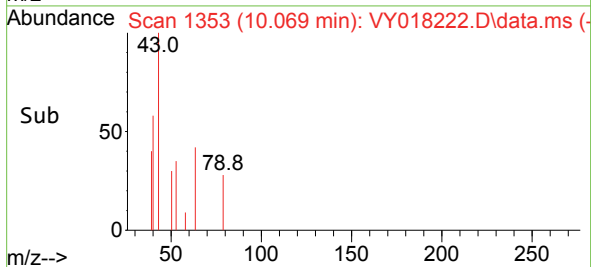
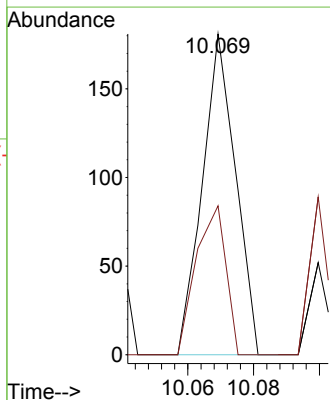
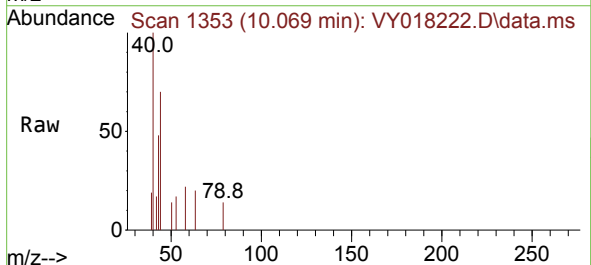
Instrument :
MSVOA_Y
ClientSampleId :

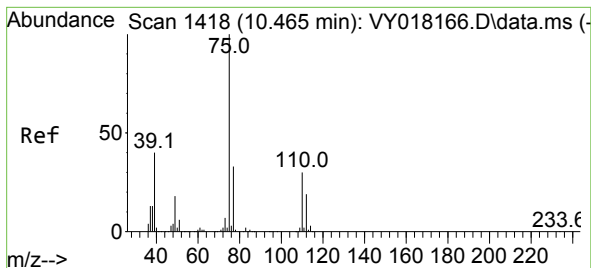
Tgt Ion: 98 Resp: 4536
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 8.715 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

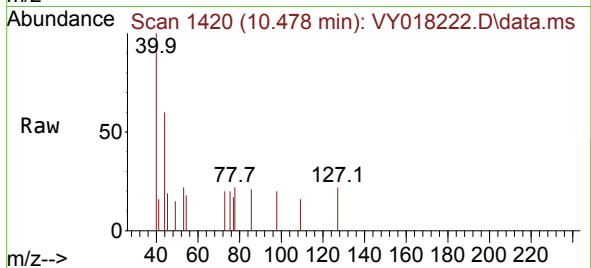
Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
58 41.7 35.7 53.5



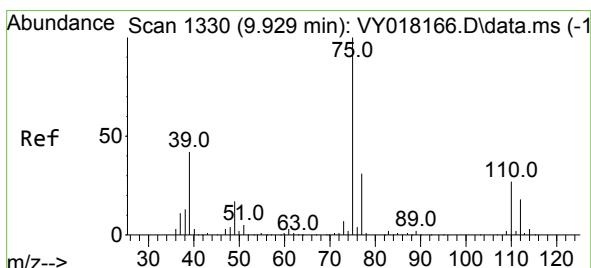
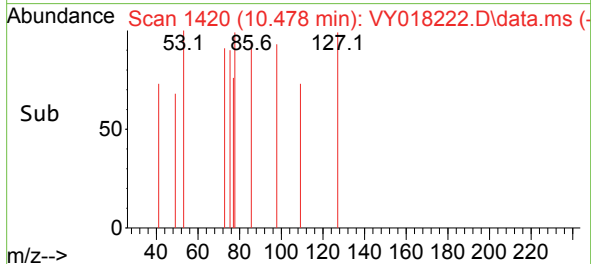
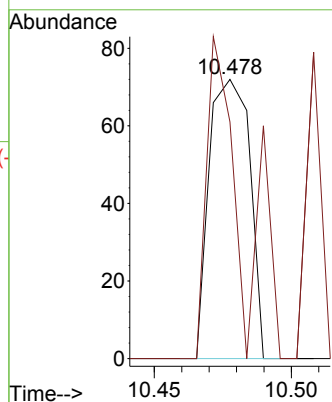


#53
t-1,3-Dichloropropene
Concen: 2.359 ug/l
RT: 10.478 min Scan# 1418
Delta R.T. 0.012 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

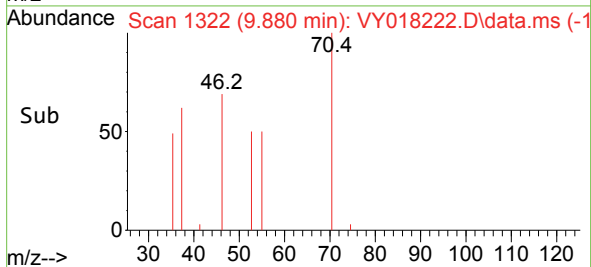
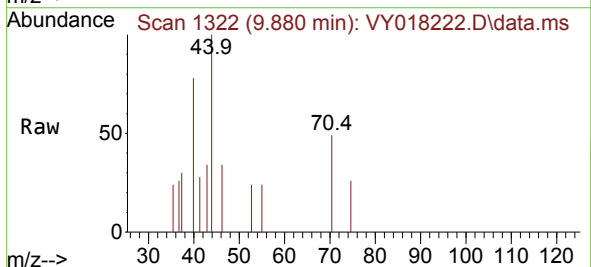
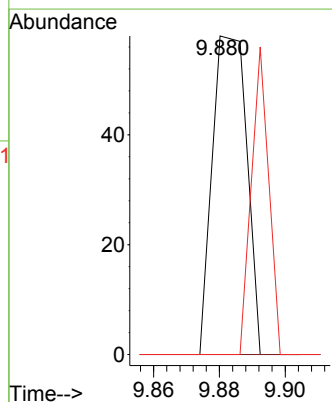


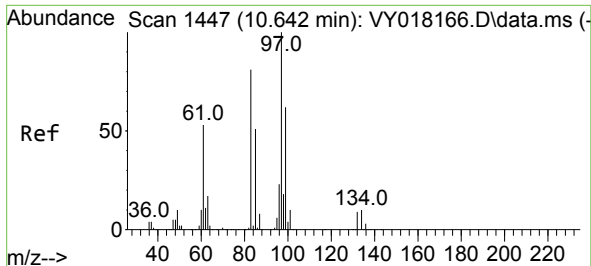
Tgt Ion: 75 Resp: 74
Ion Ratio Lower Upper
75 100
77 84.7 24.1 36.1#



#54
cis-1,3-Dichloropropene
Concen: 1.095 ug/l
RT: 9.880 min Scan# 1322
Delta R.T. -0.049 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

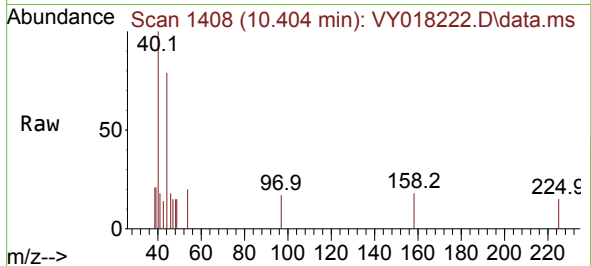
Tgt Ion: 75 Resp: 42
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
39 0.0 29.8 44.6#



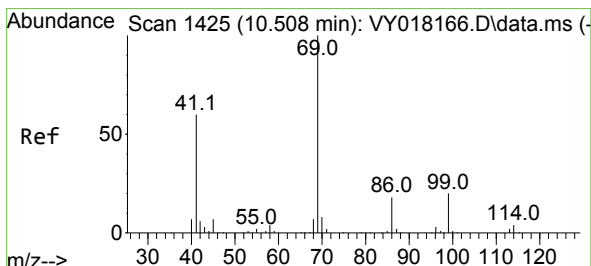
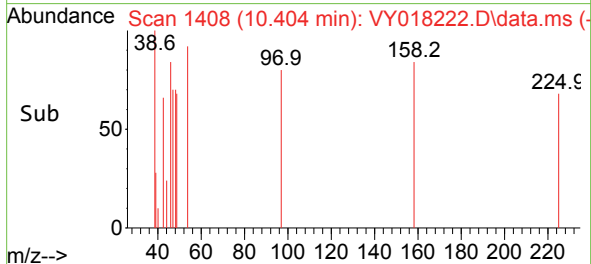
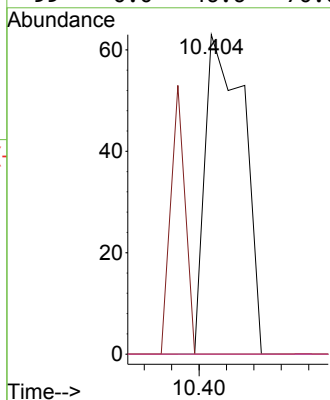


#55
1,1,2-Trichloroethane
Concen: 3.268 ug/l
RT: 10.404 min Scan# 1447
Delta R.T. -0.238 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

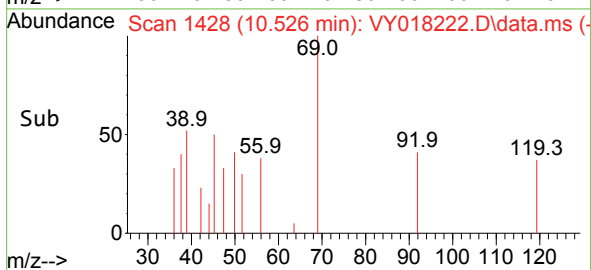
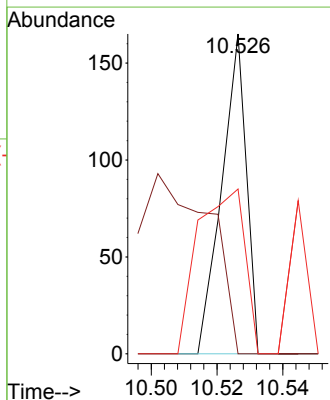
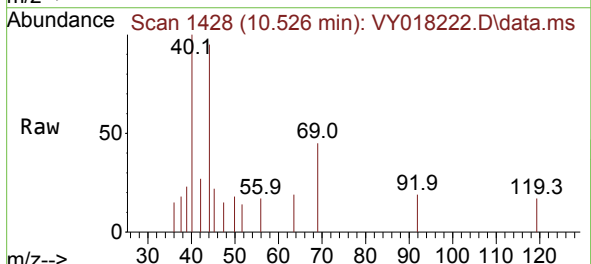


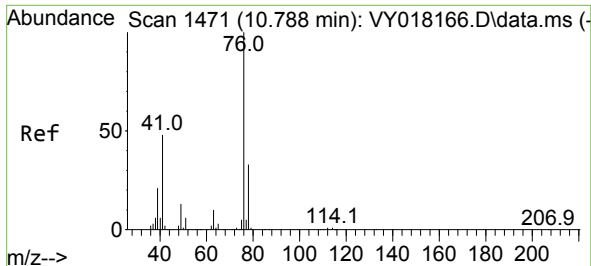
Tgt Ion: 97	Resp: 61
Ion Ratio	Lower Upper
97	100
83	0.0 67.5 101.3#
85	0.0 42.9 64.3#
99	0.0 46.6 70.0#



#56
Ethyl methacrylate
Concen: 3.392 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.018 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 69	Resp: 86
Ion Ratio	Lower Upper
69	100
41	0.0 42.3 63.5#
39	97.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 1.712 ug/l

RT: 10.758 min Scan# 1471

Delta R.T. -0.030 min

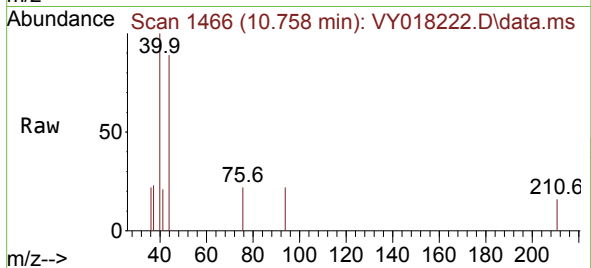
Lab File: VY018222.D

Acq: 09 May 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

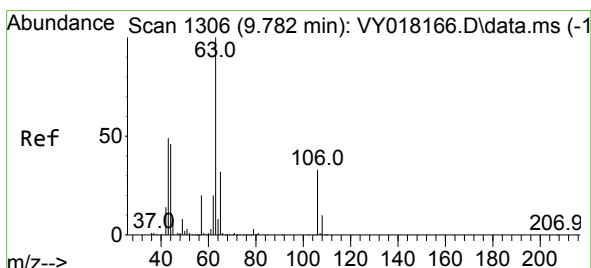
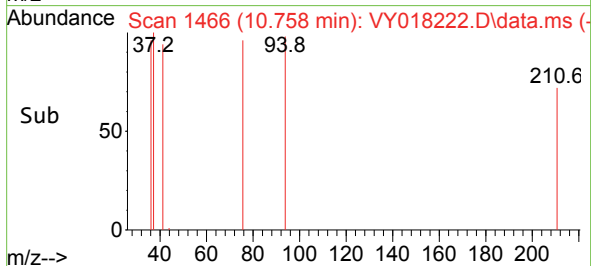
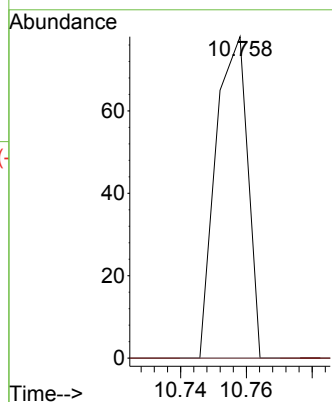


Tgt Ion: 76 Resp: 52

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.4#



#58

2-Chloroethyl Vinyl ether

Concen: 4.131 ug/l

RT: 9.728 min Scan# 1297

Delta R.T. -0.055 min

Lab File: VY018222.D

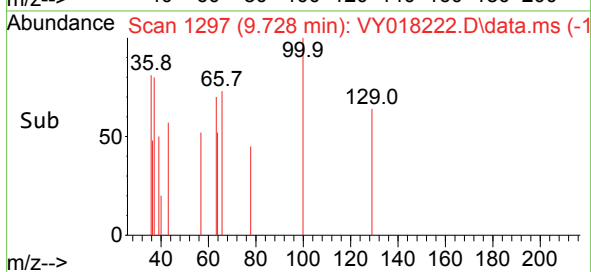
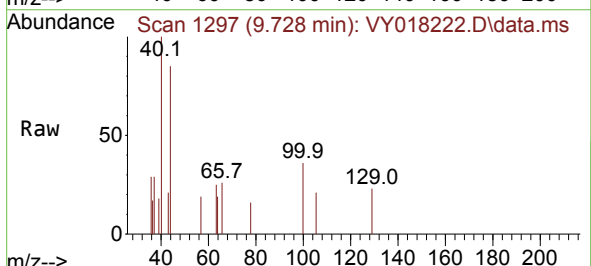
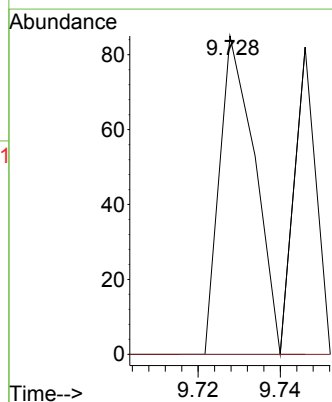
Acq: 09 May 2024 20:05

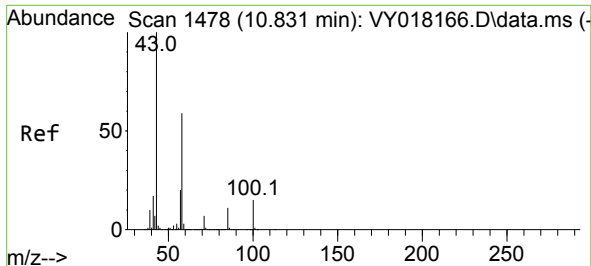
Tgt Ion: 63 Resp: 50

Ion Ratio Lower Upper

63 100

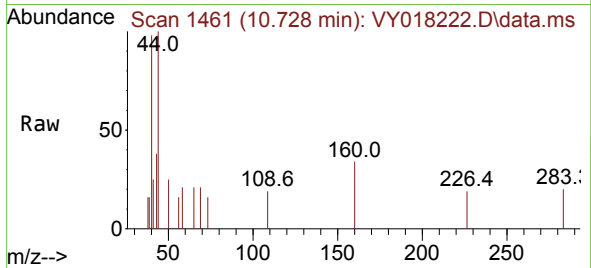
106 0.0 23.7 35.5#



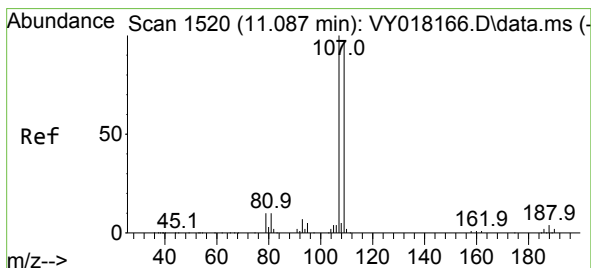
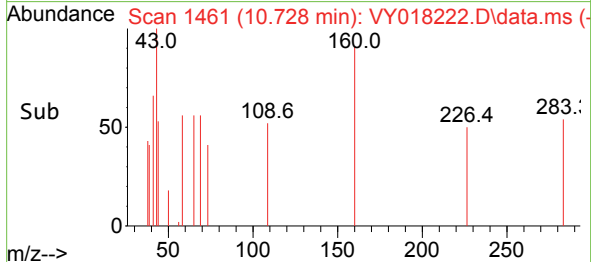
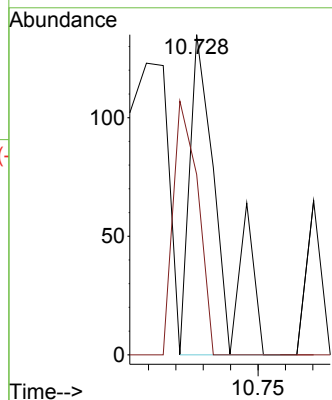


#59
2-Hexanone
Concen: 10.010 ug/l
RT: 10.728 min Scan# 1478
Delta R.T. -0.103 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

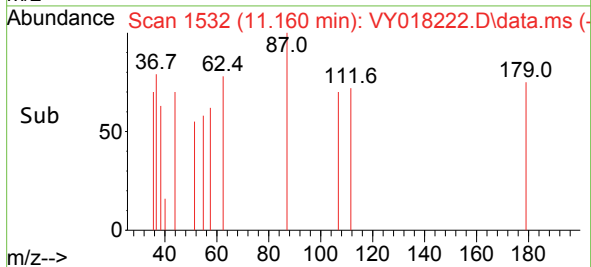
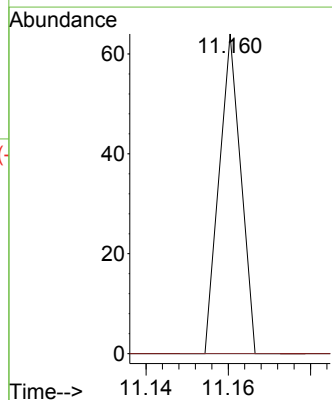
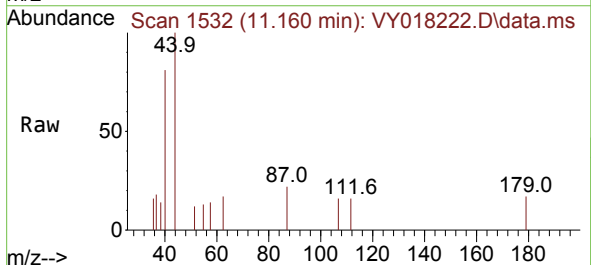


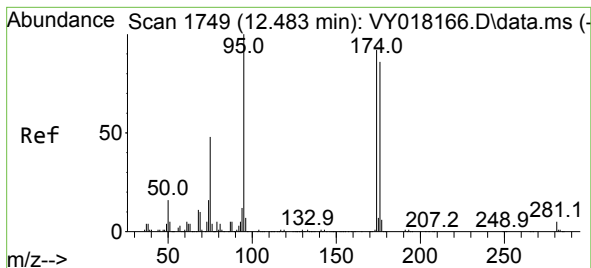
Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
58 65.7 31.4 94.0



#61
1,2-Dibromoethane
Concen: 1.308 ug/l
RT: 11.160 min Scan# 1532
Delta R.T. 0.073 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 107 Resp: 23
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#

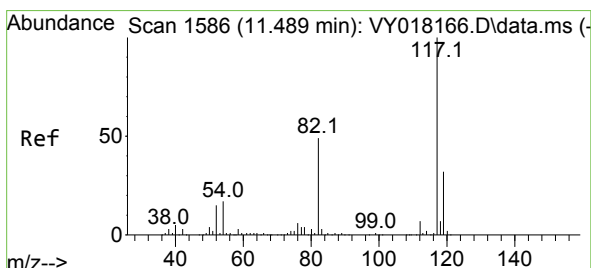
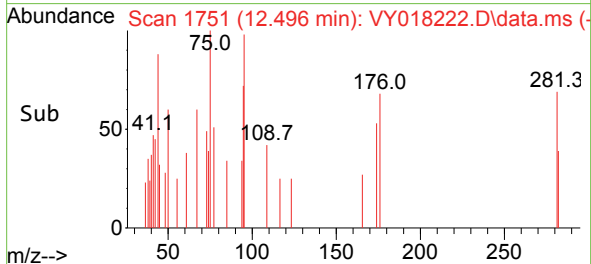
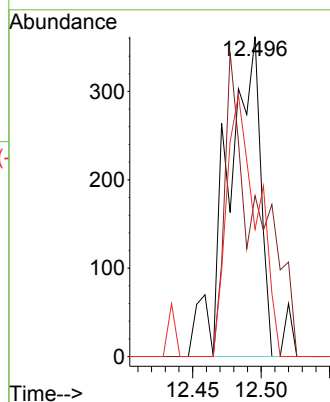
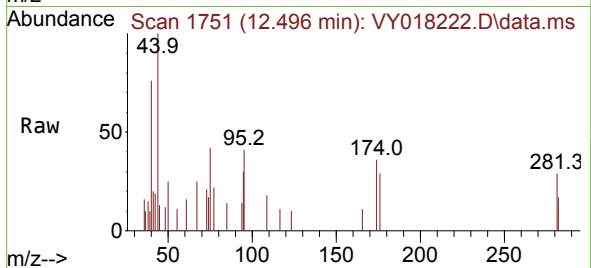




#62
4-Bromofluorobenzene
Concen: 20.077 ug/l
RT: 12.496 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

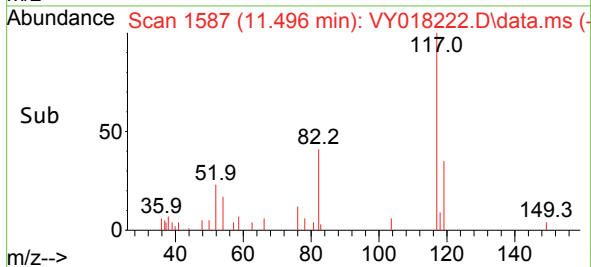
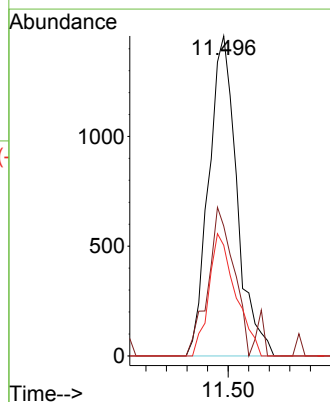
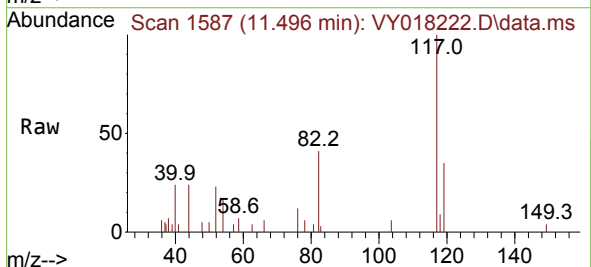
Instrument :
MSVOA_Y
ClientSampleId :

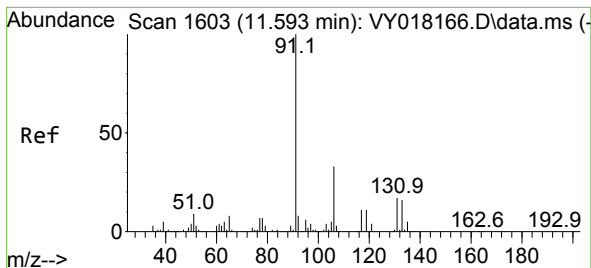
Tgt Ion: 95 Resp: 599
Ion Ratio Lower Upper
95 100
174 92.7 0.0 175.6
176 77.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 117 Resp: 2776
Ion Ratio Lower Upper
117 100
82 40.6 42.4 63.6#
119 34.6 25.9 38.9





#67

Ethyl Benzene

Concen: 1.341 ug/l

RT: 11.551 min Scan# 11

Delta R.T. -0.043 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

Instrument :

MSVOA_Y

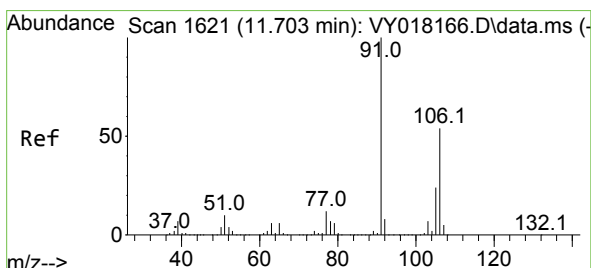
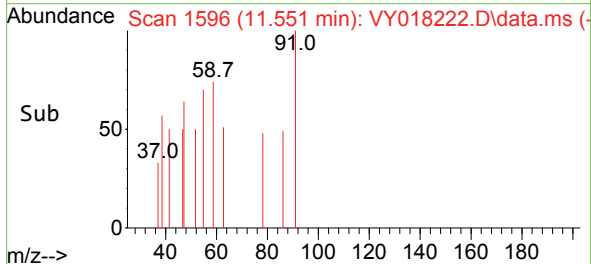
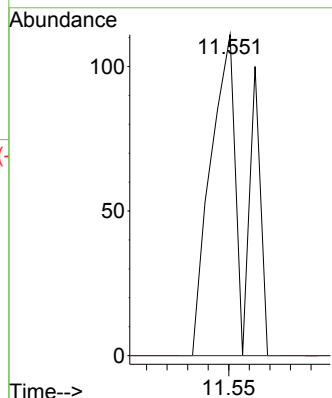
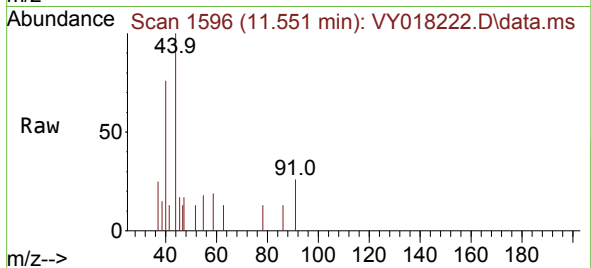
ClientSampleId :

Tgt Ion: 91 Resp: 128

Ion Ratio Lower Upper

91 100

106 0.0 24.5 36.7#



#68

m/p-Xylenes

Concen: 1.192 ug/l

RT: 11.642 min Scan# 1611

Delta R.T. -0.061 min

Lab File: VY018222.D

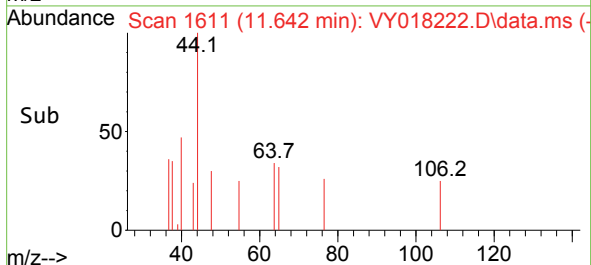
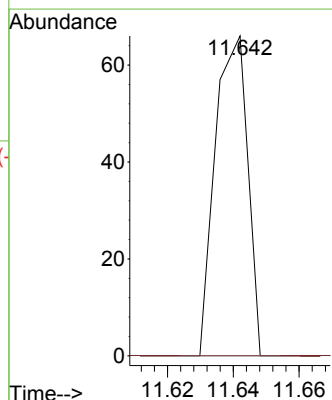
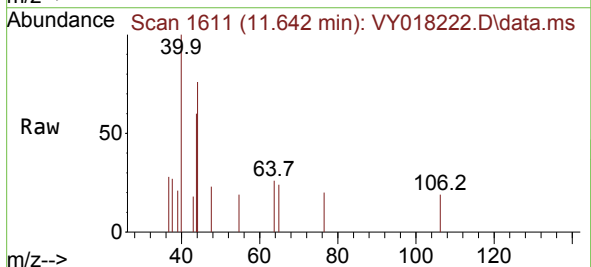
Acq: 09 May 2024 20:05

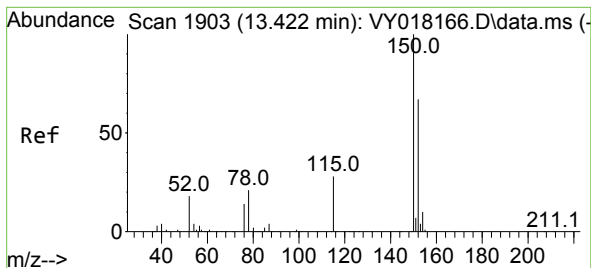
Tgt Ion: 106 Resp: 45

Ion Ratio Lower Upper

106 100

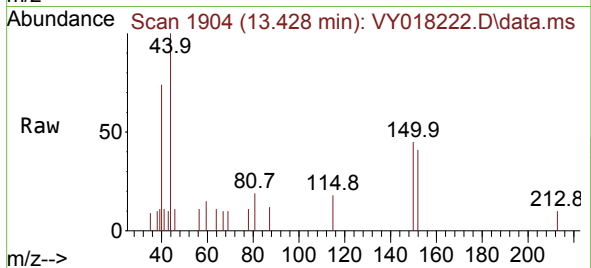
91 0.0 156.0 234.0#



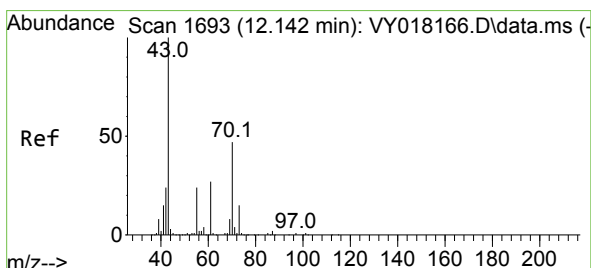
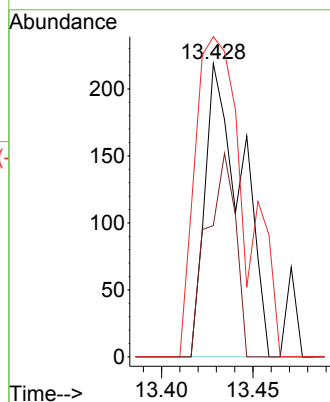
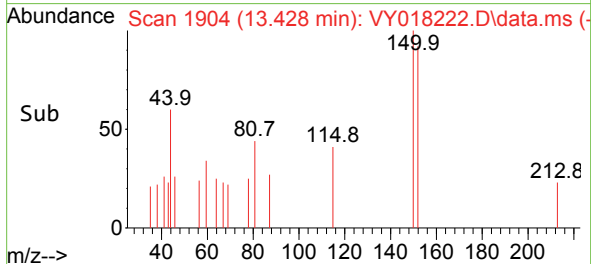


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

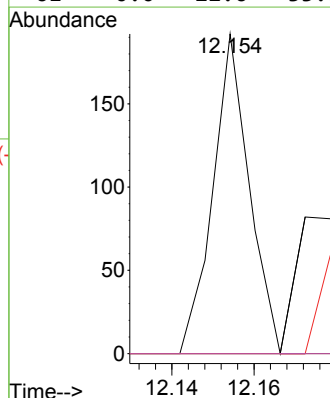
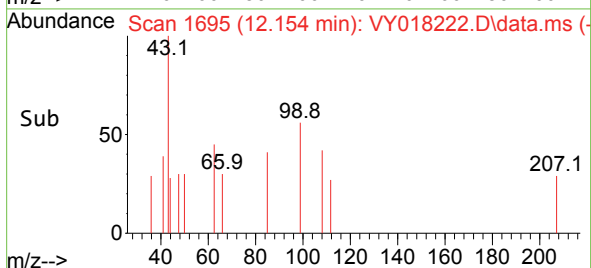
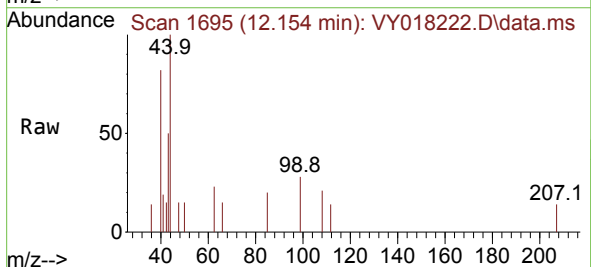


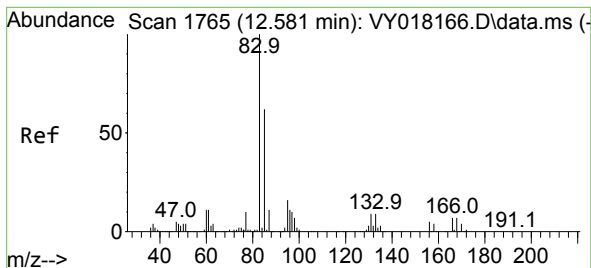
Tgt Ion:152 Resp: 306
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 148.7 0.0 345.6



#74
N-ethyl acetate
Concen: 24.776 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.012 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
70 0.0 41.4 62.2#
55 0.0 23.3 34.9#
61 0.0 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 5.465 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.098 min

Lab File: VY018222.D

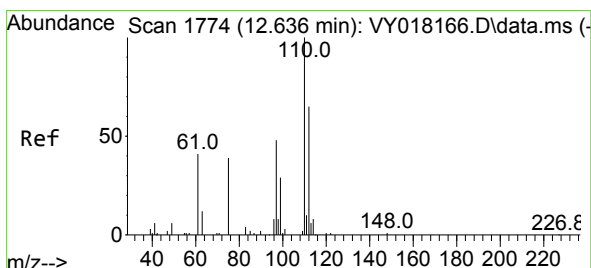
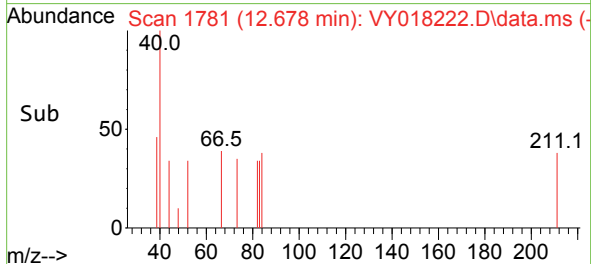
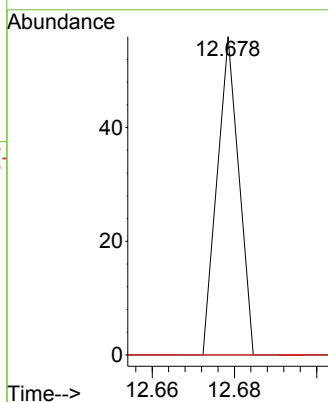
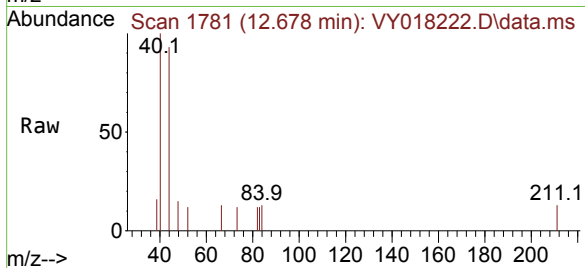
Acq: 09 May 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	20
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: 9.390 ug/l

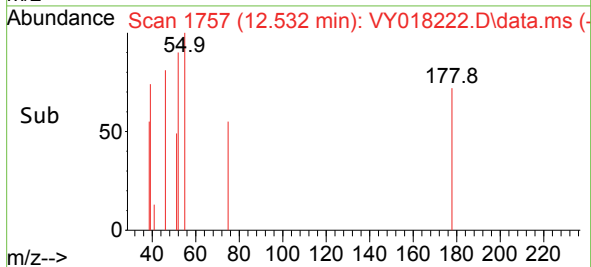
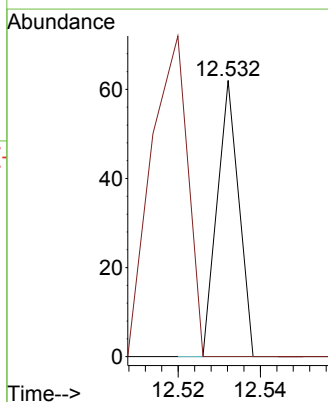
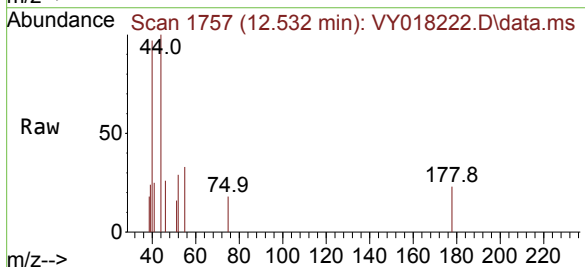
RT: 12.532 min Scan# 1757

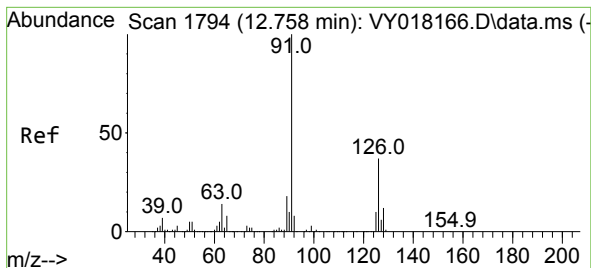
Delta R.T. -0.103 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

Tgt Ion:	75	Resp:	23
Ion	Ratio	Lower	Upper
75	100		
77	195.7	0.0	0.0#





#79

2-Chlorotoluene

Concen: 2.765 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

Instrument :

MSVOA_Y

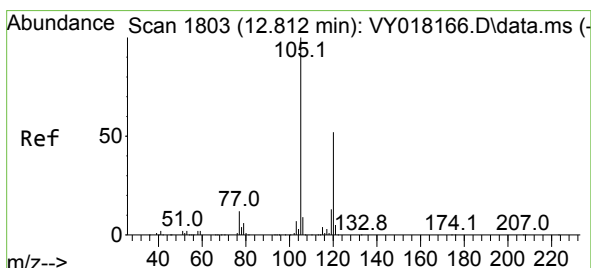
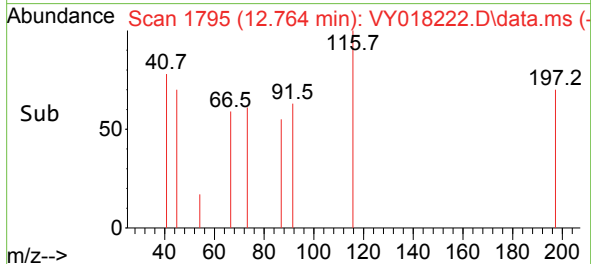
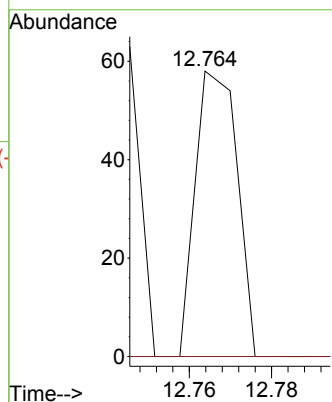
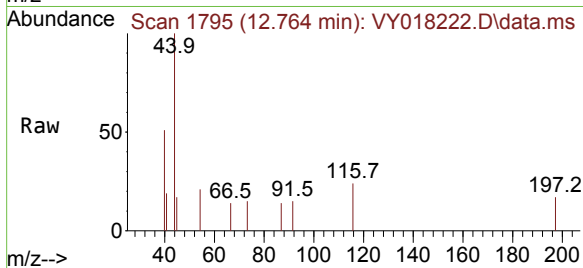
ClientSampleId :

Tgt Ion: 91 Resp: 41

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#



#80

1,3,5-Trimethylbenzene

Concen: 1.492 ug/l

RT: 12.880 min Scan# 1814

Delta R.T. 0.067 min

Lab File: VY018222.D

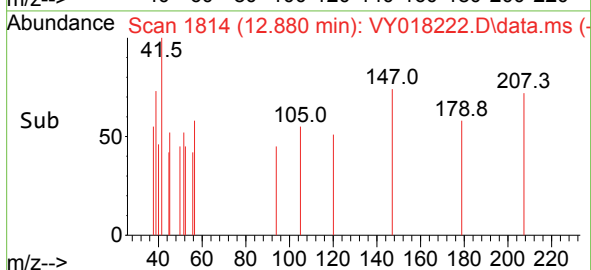
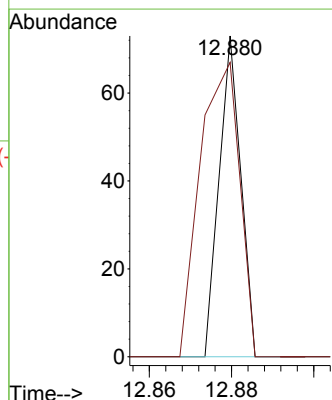
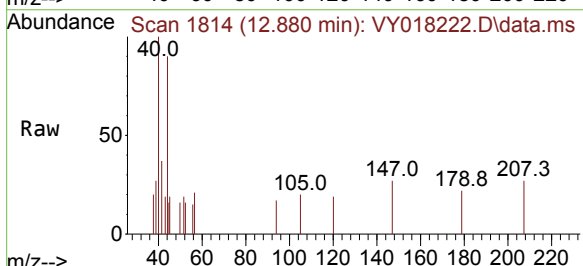
Acq: 09 May 2024 20:05

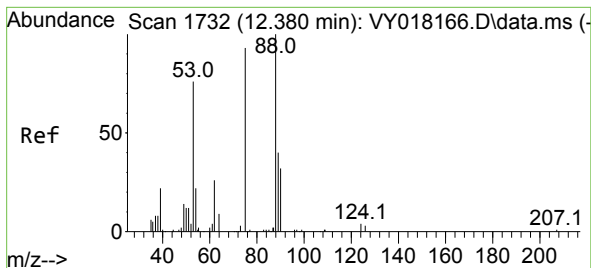
Tgt Ion: 105 Resp: 27

Ion Ratio Lower Upper

105 100

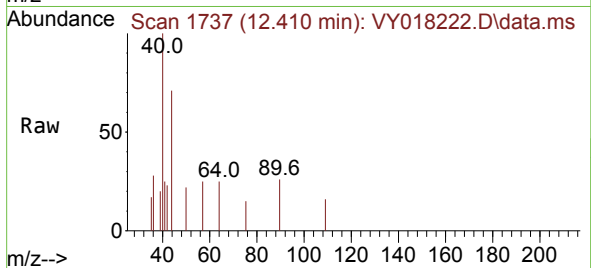
120 166.7 25.1 75.2#



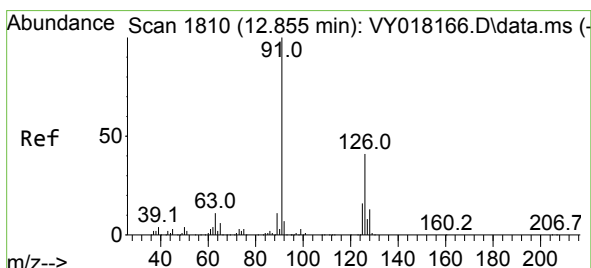
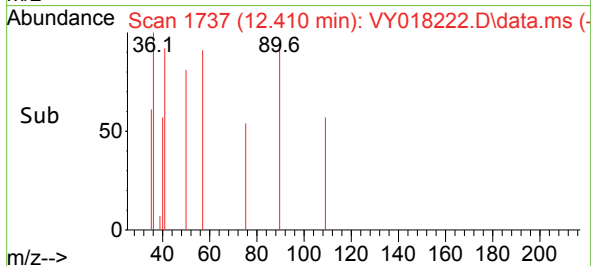
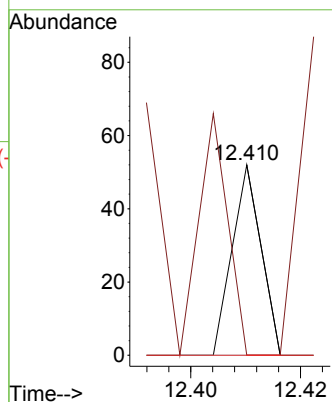


#81
trans-1,4-Dichloro-2-butene
Concen: 14.946 ug/l
RT: 12.410 min Scan# 1732
Delta R.T. 0.031 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

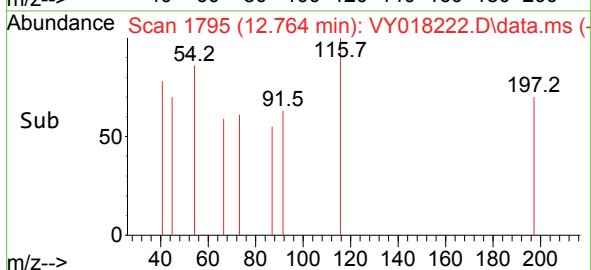
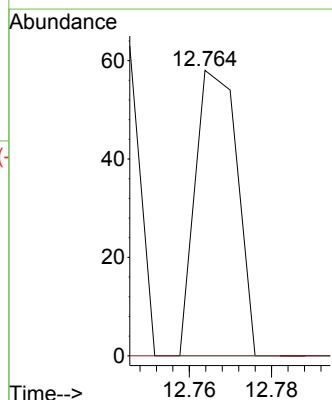
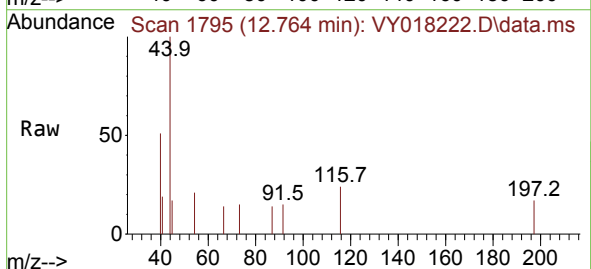


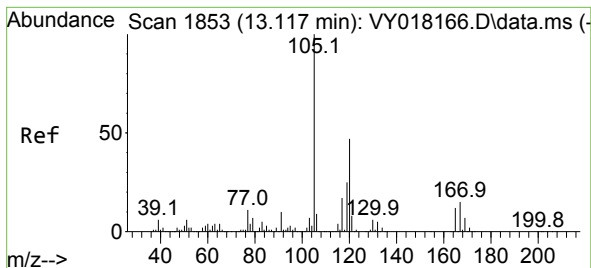
Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.753 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.091 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 91 Resp: 41
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#





#84

1,2,4-Trimethylbenzene

Concen: 2.991 ug/l

RT: 13.056 min Scan# 11

Delta R.T. -0.061 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

Instrument :

MSVOA_Y

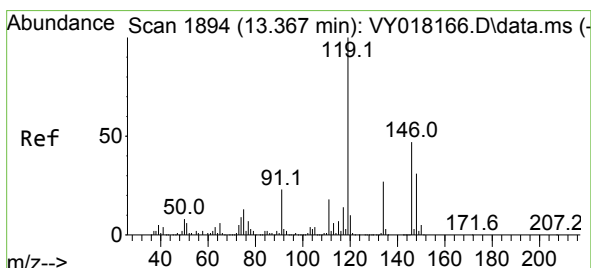
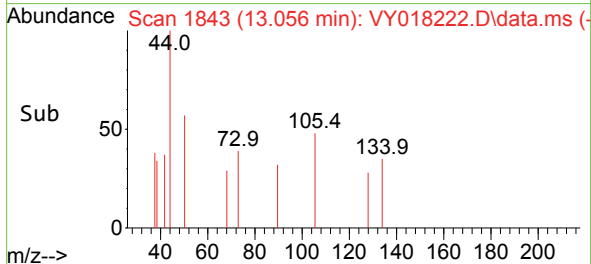
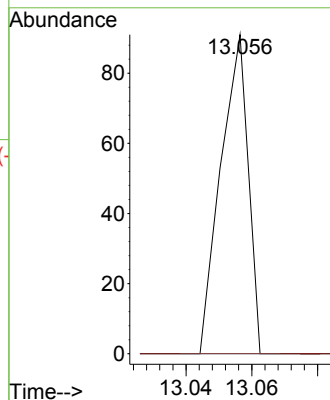
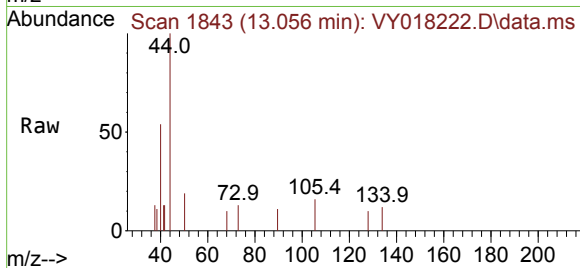
ClientSampleId :

Tgt Ion:105 Resp: 53

Ion Ratio Lower Upper

105 100

120 0.0 23.2 69.6#



#86

p-Isopropyltoluene

Concen: 1.093 ug/l

RT: 13.550 min Scan# 1924

Delta R.T. 0.183 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

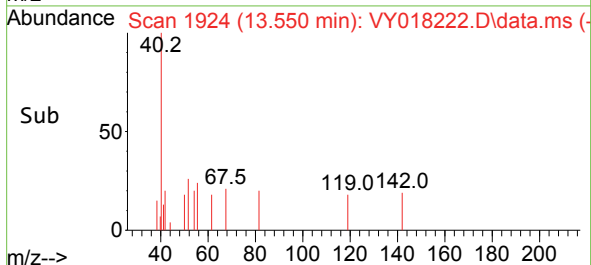
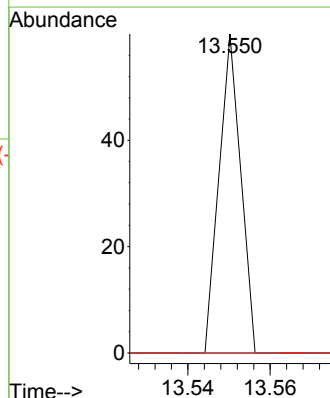
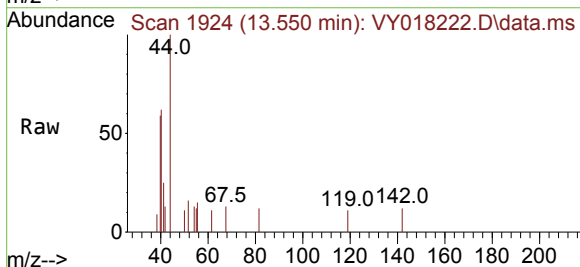
Tgt Ion:119 Resp: 22

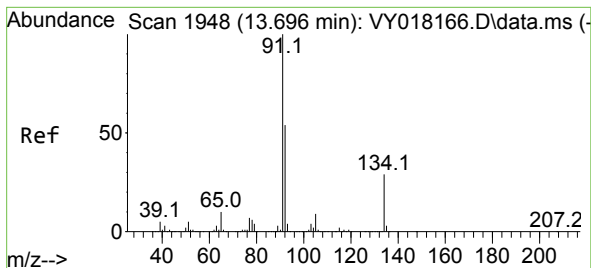
Ion Ratio Lower Upper

119 100

134 0.0 13.1 39.3#

91 0.0 10.7 32.1#





#89

n-Butylbenzene

Concen: 2.140 ug/l

RT: 13.782 min Scan# 1948

Delta R.T. 0.086 min

Lab File: VY018222.D

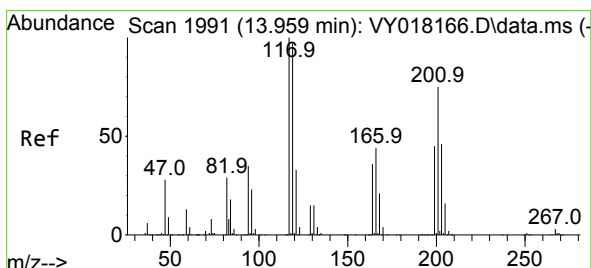
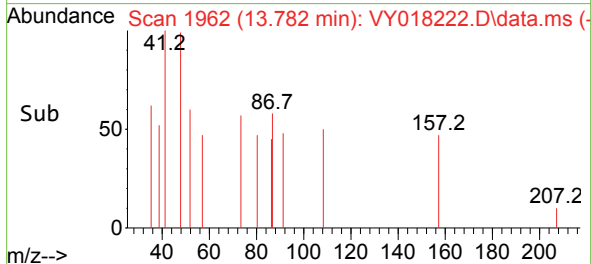
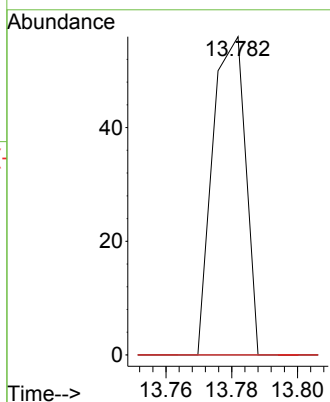
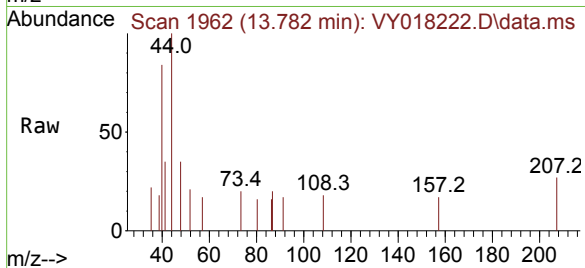
Acq: 09 May 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp:	39
Ion Ratio	Lower	Upper
91	100	
92	0.0	26.6 79.7#
134	0.0	12.9 38.7#



#90

Hexachloroethane

Concen: 11.391 ug/l

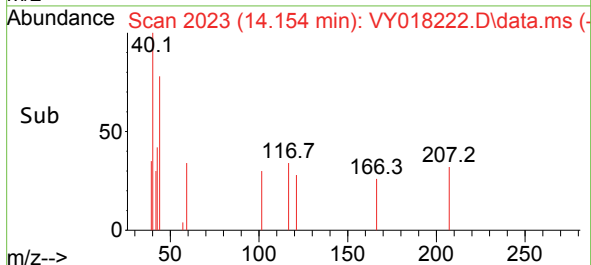
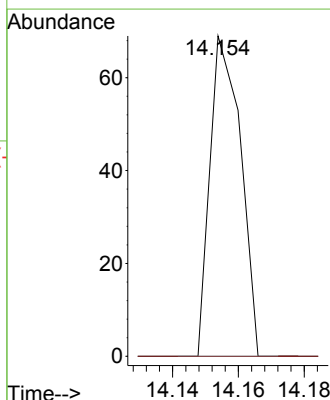
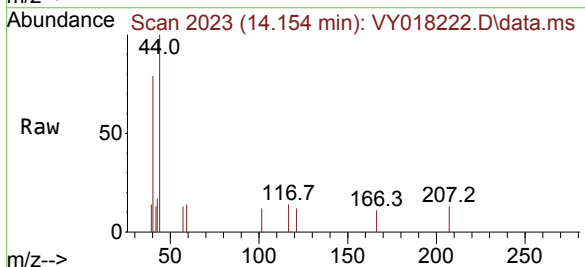
RT: 14.154 min Scan# 2023

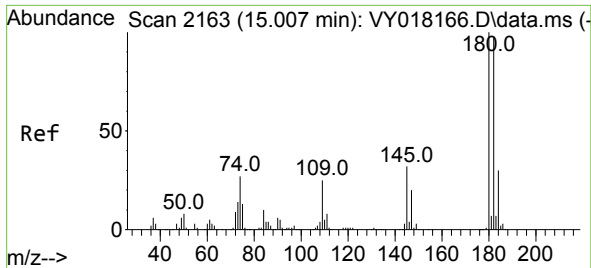
Delta R.T. 0.195 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

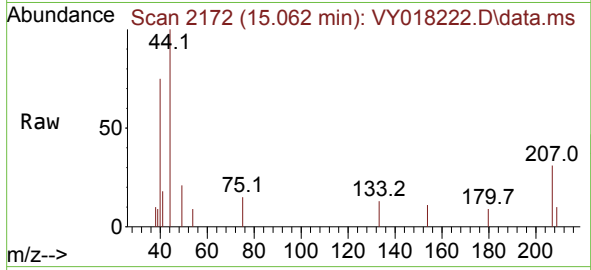
Tgt Ion: 117	Resp:	45
Ion Ratio	Lower	Upper
117	100	
201	0.0	37.4 112.2#





#93
 1,2,4-Trichlorobenzene
 Concen: 3.863 ug/l
 RT: 15.062 min Scan# 21
 Delta R.T. 0.055 min
 Lab File: VY018222.D
 Acq: 09 May 2024 20:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 19
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.8#
 145 0.0 14.2 42.6#

