

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018723.D
 Acq On : 27 Jun 2024 17:01
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 28 03:18:03 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	7.771	168	210	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1355	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.490	117	3107	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	4205	1988.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 3977.740%#	
35) Dibromofluoromethane	7.710	113	1324	160.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 320.360%#	
50) Toluene-d8	10.173	98	2088	65.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 131.380%	
62) 4-Bromofluorobenzene	12.477	95	1697	169.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 338.140%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19	13.737	ug/l	# 43
3) Chloromethane	2.107	50	223	78.283	ug/l	# 88
4) Vinyl Chloride	2.223	62	20	5.669	ug/l	# 42
5) Bromomethane	2.650	94	802	305.861	ug/l	# 78
10) Methyl Iodide	4.082	142	342	141.221	ug/l	# 59
11) Tert butyl alcohol	4.948	59	163	428.607	ug/l	# 88
14) Allyl chloride	4.204	41	19	7.066	ug/l	# 19
16) Acetone	3.918	43	128	297.570	ug/l	# 36
17) Carbon Disulfide	4.174	76	174	29.705	ug/l	# 76
18) Methyl Acetate	4.204	43	70	64.157	ug/l	# 46
20) Methylene Chloride	4.704	84	974	436.707	ug/l	# 63
23) Vinyl Acetate	6.058	43	433	87.875	ug/l	# 67
25) 2-Butanone	6.960	43	349	541.273	ug/l	# 41
26) 2,2-Dichloropropane	6.954	77	269	81.636	ug/l	# 51
28) Bromochloromethane	7.314	49	22	13.724	ug/l	# 6
29) Tetrahydrofuran	7.338	42	27	68.236	ug/l	# 26
31) Cyclohexane	7.771	56	20	6.175	ug/l	# 11
36) 1,1-Dichloropropene	7.771	75	20	1.758	ug/l	# 40
37) Ethyl Acetate	7.021	43	22	4.102	ug/l	# 67
40) Benzene	8.143	78	156	4.433	ug/l	# 51
41) Methacrylonitrile	7.228	41	30	11.121	ug/l	# 15
48) Methyl methacrylate	9.313	41	19	4.216	ug/l	# 7
51) 4-Methyl-2-Pentanone	10.057	43	76	14.413	ug/l	# 31
52) Toluene	10.246	92	31	1.372	ug/l	# 1
53) t-1,3-Dichloropropene	10.453	75	22	2.113	ug/l	# 45
59) 2-Hexanone	10.837	43	33	8.935	ug/l	# 19
60) Dibromochloromethane	10.721	129	22	2.667	ug/l	# 10
61) 1,2-Dibromoethane	11.075	107	47	7.659	ug/l	# 2
64) Tetrachloroethene	10.721	164	26	1.173	ug/l	# 25
65) Chlorobenzene	11.508	112	225	3.506	ug/l	# 42
67) Ethyl Benzene	11.593	91	241	2.164	ug/l	# 44
68) m/p-Xylenes	11.691	106	252	5.815	ug/l	# 61
69) o-Xylene	12.032	106	102	2.448	ug/l	# 96
70) Styrene	12.057	104	230	3.341	ug/l	# 39
73) Isopropylbenzene	12.325	105	277	2.062	ug/l	# 74
74) N-amyl acetate	12.154	43	88	3.198	ug/l	# 64

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

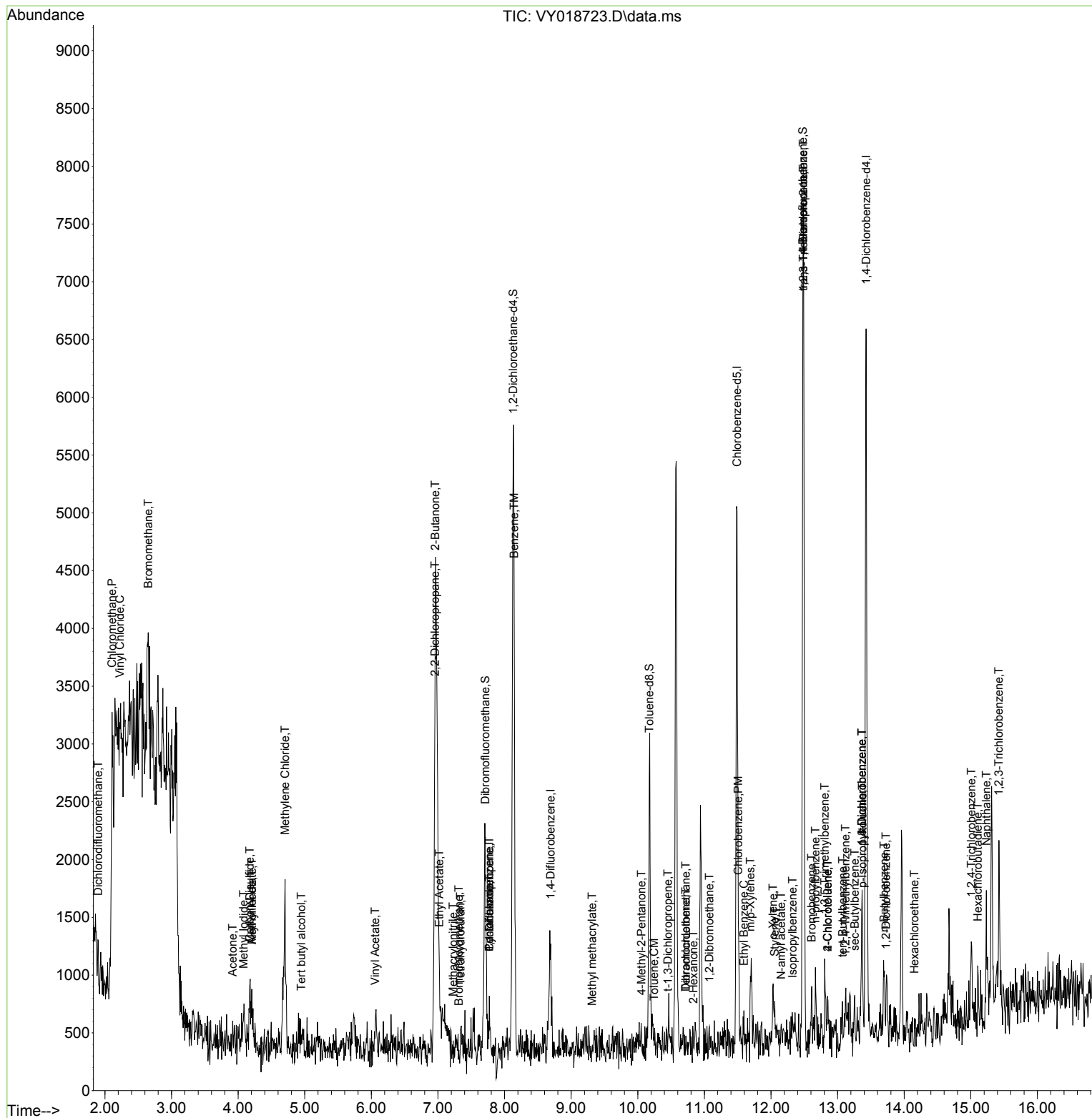
76) 1,2,3-Trichloropropane	12.483	75	858	49.710	ug/l #	100
77) Bromobenzene	12.611	156	198	6.372	ug/l #	51
78) n-propylbenzene	12.666	91	534	3.396	ug/l #	64
79) 2-Chlorotoluene	12.849	91	292	3.290	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	272	2.554	ug/l #	49
81) trans-1,4-Dichloro-2-b...	12.483	75	858	130.210	ug/l #	16
82) 4-Chlorotoluene	12.849	91	292	3.267	ug/l	98
83) tert-Butylbenzene	13.075	119	254	2.577	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.117	105	289	2.715	ug/l	72
85) sec-Butylbenzene	13.258	105	359	2.554	ug/l	81
86) p-Isopropyltoluene	13.373	119	459	3.852	ug/l #	73
87) 1,3-Dichlorobenzene	13.367	146	476	7.595	ug/l	92
88) 1,4-Dichlorobenzene	13.367	146	476	7.740	ug/l	94
89) n-Butylbenzene	13.697	91	459	4.273	ug/l	96
90) Hexachloroethane	14.154	117	47	2.171	ug/l #	12
91) 1,2-Dichlorobenzene	13.727	146	360	6.724	ug/l #	70
93) 1,2,4-Trichlorobenzene	15.007	180	457	15.321	ug/l	94
94) Hexachlorobutadiene	15.105	225	145	9.461	ug/l #	54
95) Naphthalene	15.233	128	1139	20.434	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.422	180	476	18.887	ug/l	90

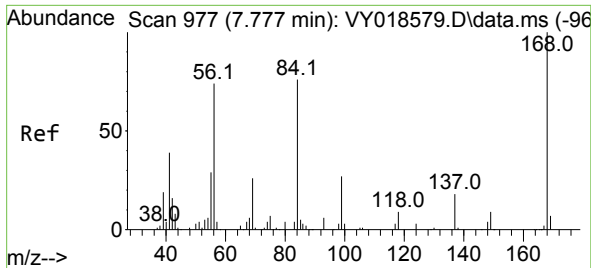
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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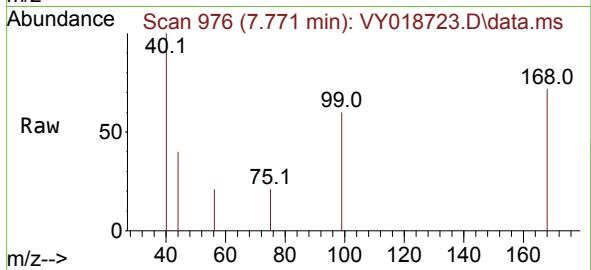
Quant Time: Jun 28 03:18:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
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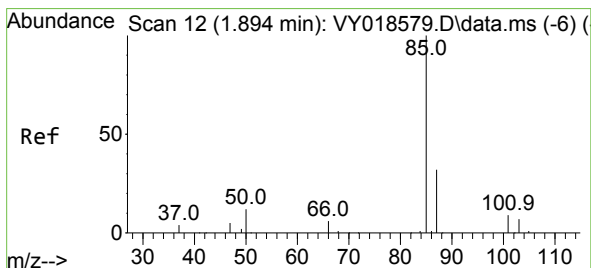
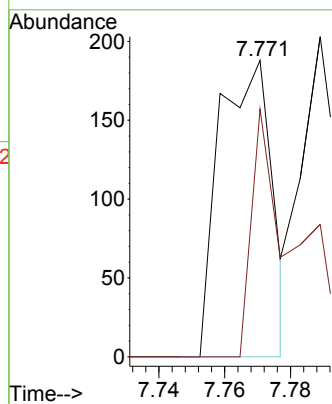
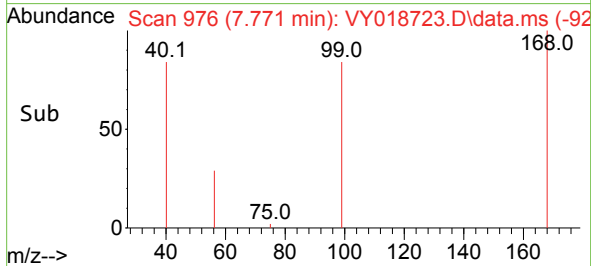


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

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MSVOA_Y
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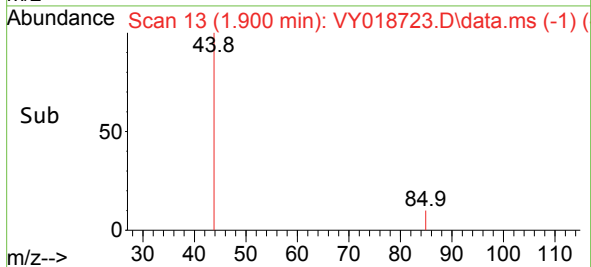
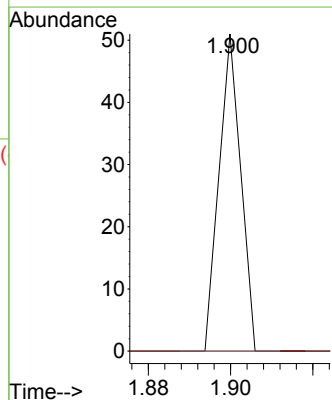
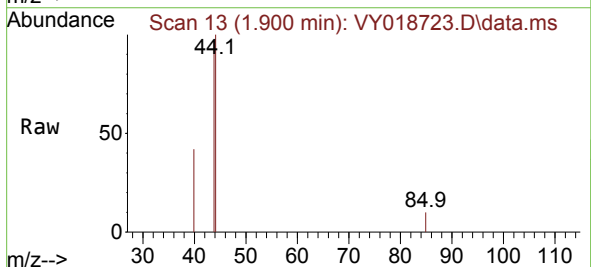


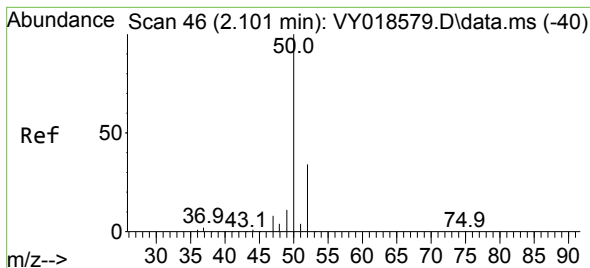
Tgt Ion:168 Resp: 210
Ion Ratio Lower Upper
168 100
99 83.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 13.737 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#3

Chloromethane

Concen: 78.283 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Instrument :

MSVOA_Y

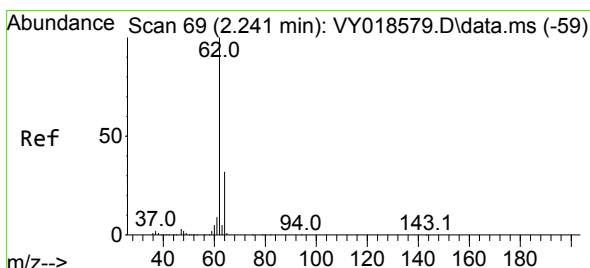
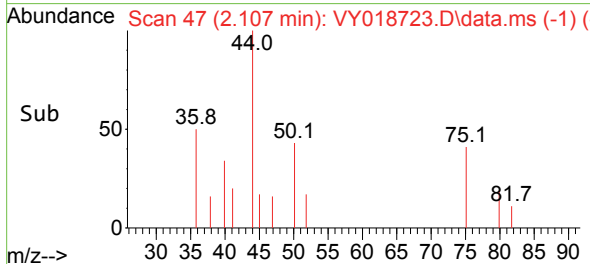
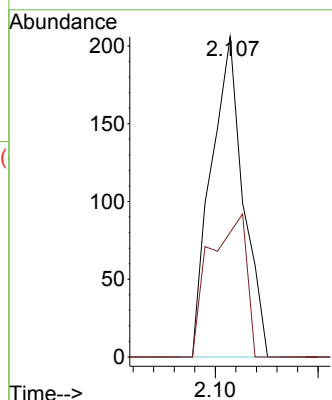
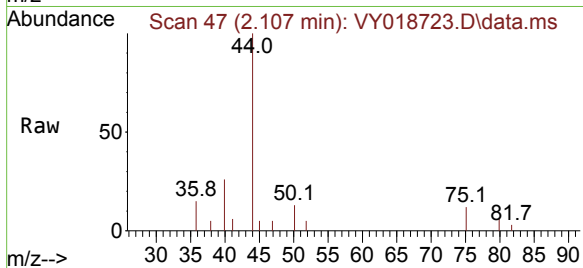
ClientSampleId :

Tgt Ion: 50 Resp: 223

Ion Ratio Lower Upper

50 100

52 38.8 25.6 38.4#



#4

Vinyl Chloride

Concen: 5.669 ug/l

RT: 2.223 min Scan# 66

Delta R.T. -0.018 min

Lab File: VY018723.D

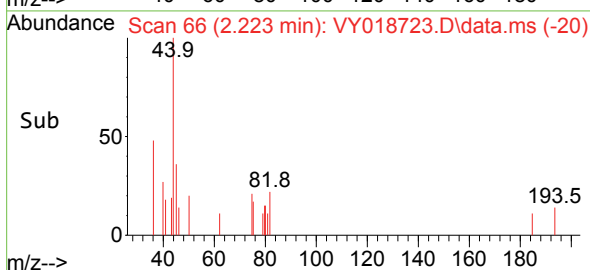
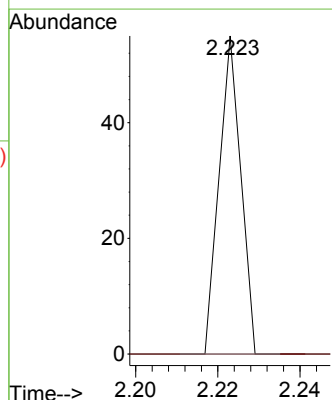
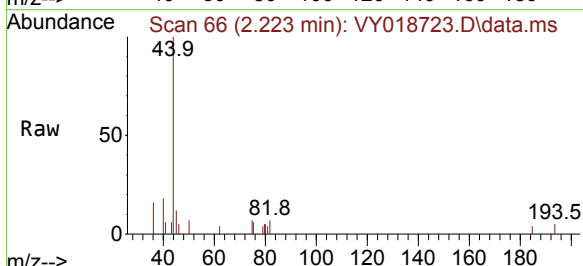
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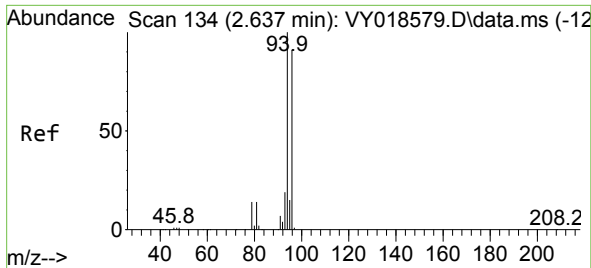
Tgt Ion: 62 Resp: 20

Ion Ratio Lower Upper

62 100

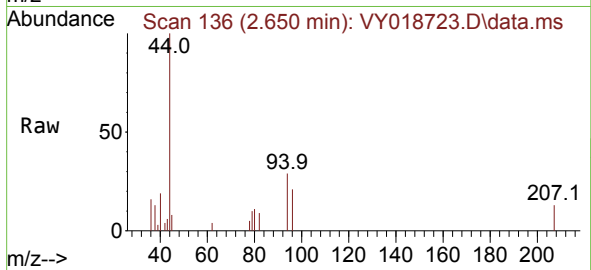
64 0.0 26.1 39.1#



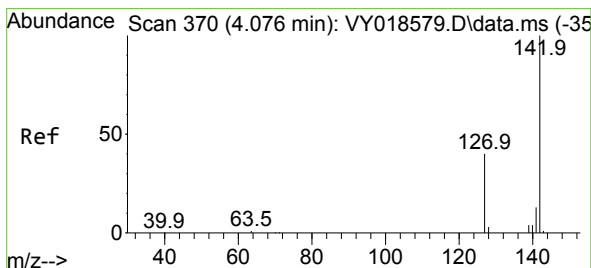
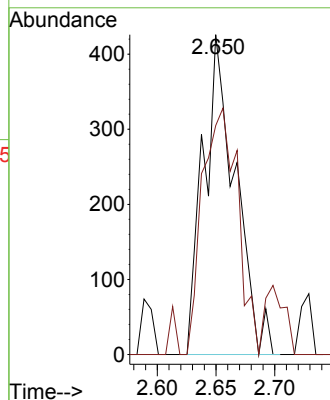
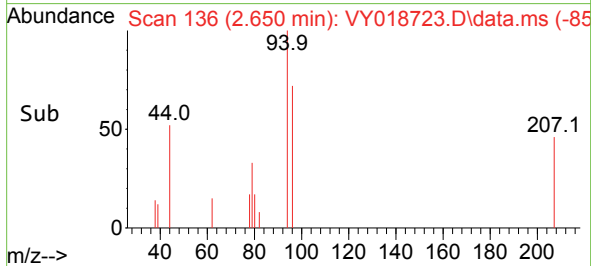


#5
Bromomethane
Concen: 305.861 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Instrument :
MSVOA_Y
ClientSampleId :

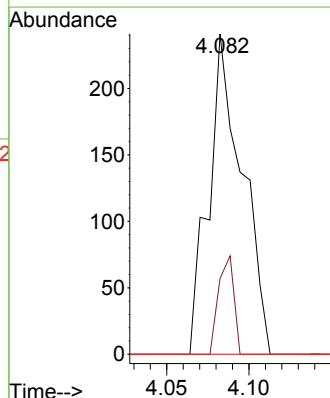
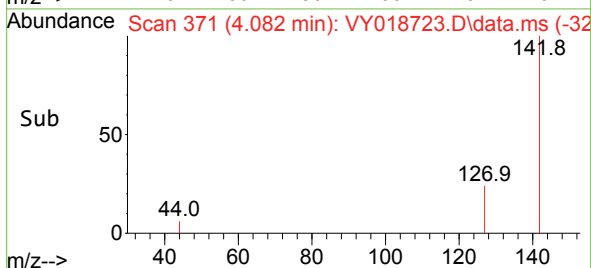
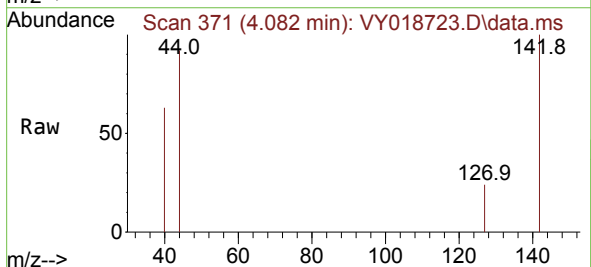


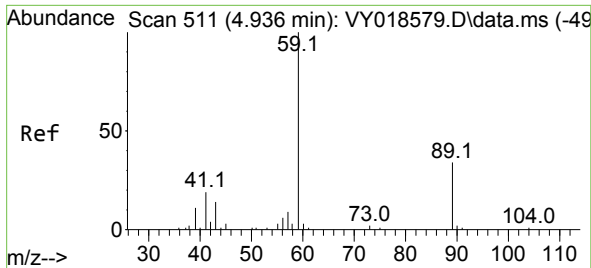
Tgt Ion: 94 Resp: 802
Ion Ratio Lower Upper
94 100
96 71.6 74.1 111.1#



#10
Methyl Iodide
Concen: 141.221 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Tgt Ion: 142 Resp: 342
Ion Ratio Lower Upper
142 100
127 14.0 32.8 49.2#
141 0.0 11.4 17.2#

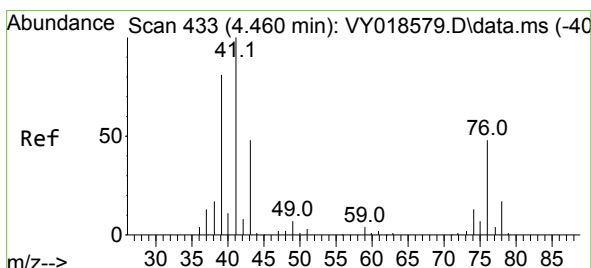
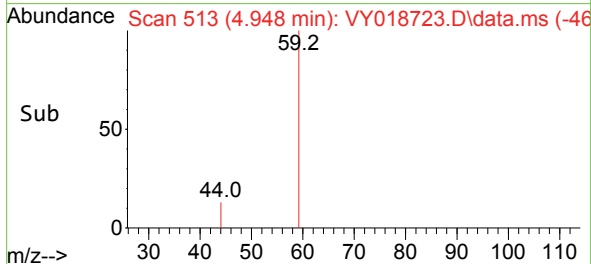
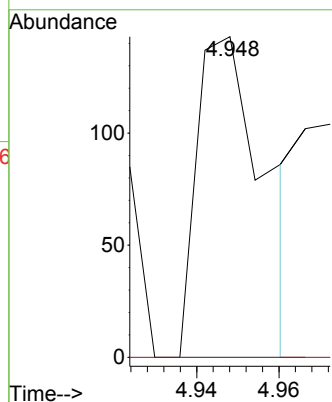
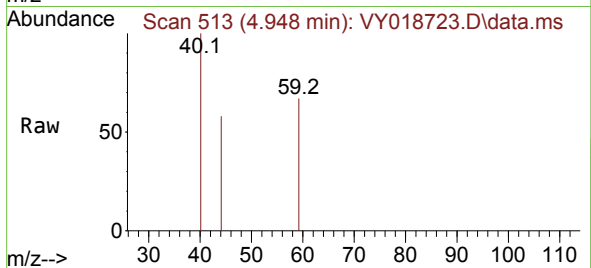




#11
Tert butyl alcohol
Concen: 428.607 ug/l
RT: 4.948 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

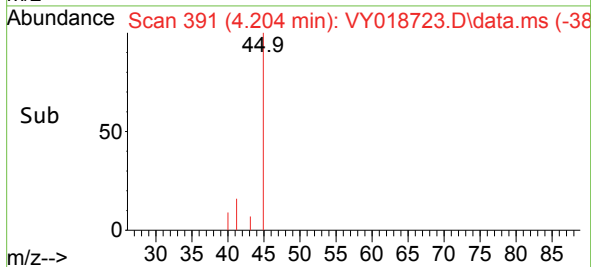
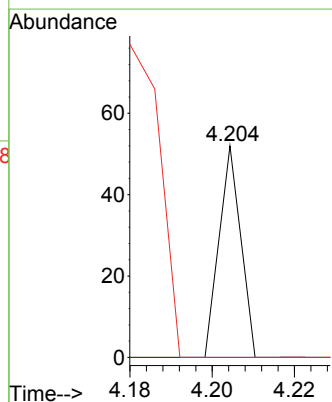
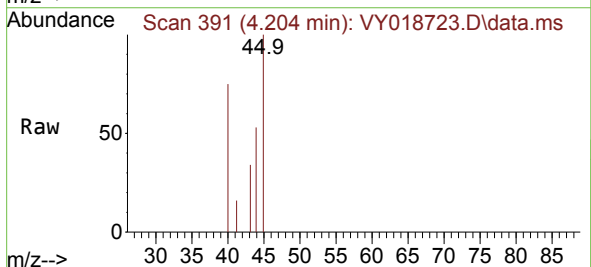
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MSVOA_Y
ClientSampleId :

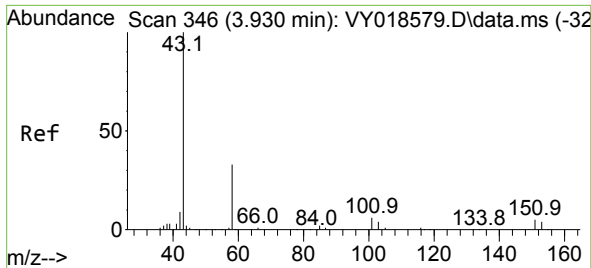
Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#14
Allyl chloride
Concen: 7.066 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.256 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Tgt Ion: 41 Resp: 19
Ion Ratio Lower Upper
41 100
39 0.0 58.3 87.5#
76 0.0 39.0 58.6#

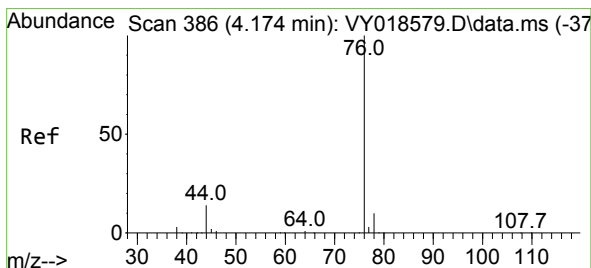
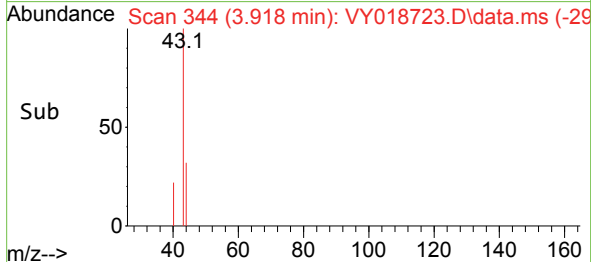
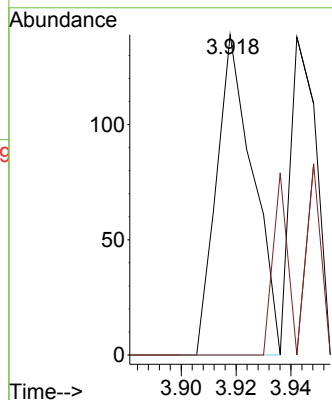
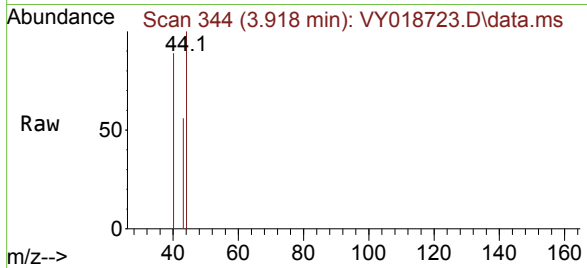




#16
Acetone
Concen: 297.570 ug/l
RT: 3.918 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

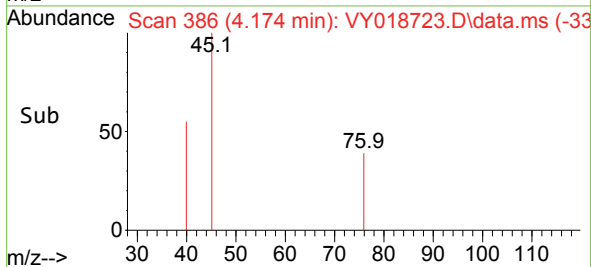
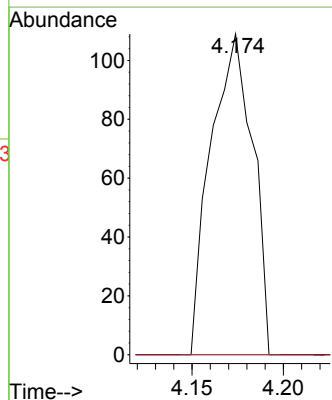
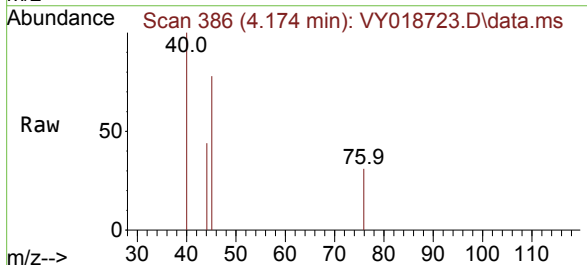
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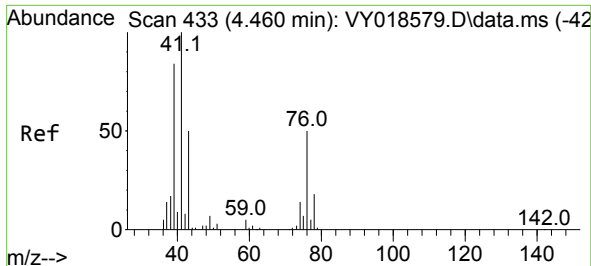
Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#17
Carbon Disulfide
Concen: 29.705 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Tgt Ion: 76 Resp: 174
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

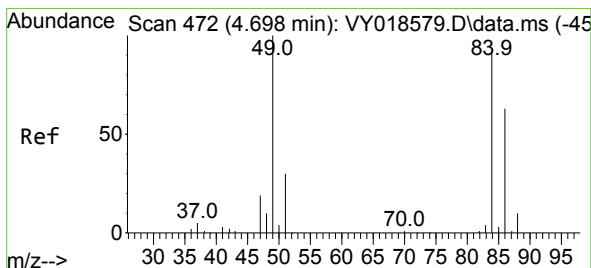
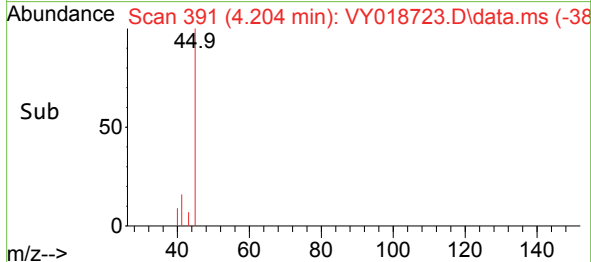
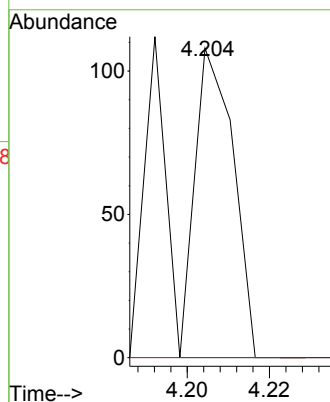
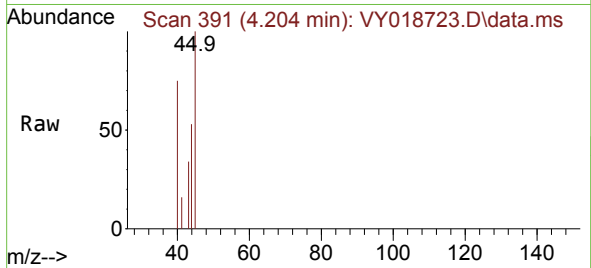




#18
Methyl Acetate
Concen: 64.157 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.256 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

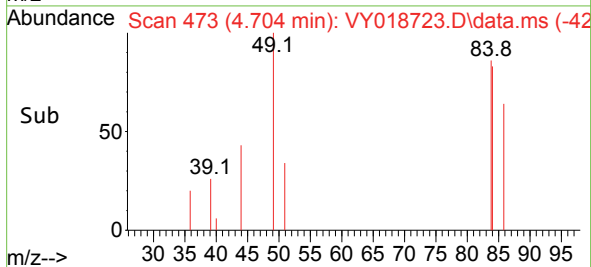
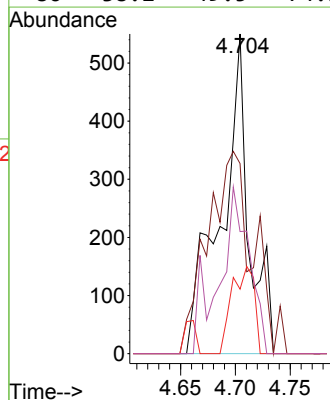
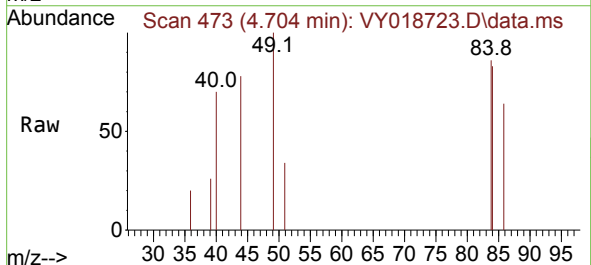
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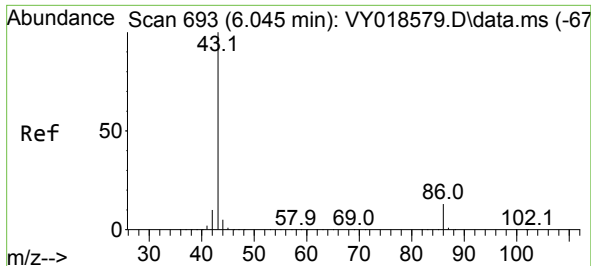
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 436.707 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Tgt Ion: 84 Resp: 974
Ion Ratio Lower Upper
84 100
49 59.5 84.4 126.6#
51 20.2 26.0 39.0#
86 38.2 49.5 74.3#

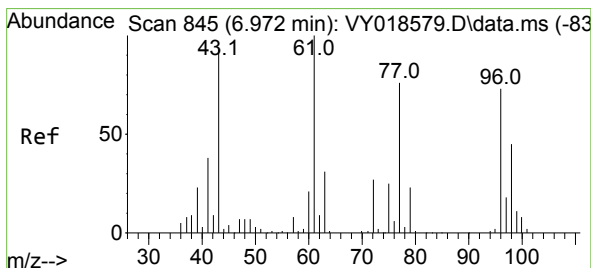
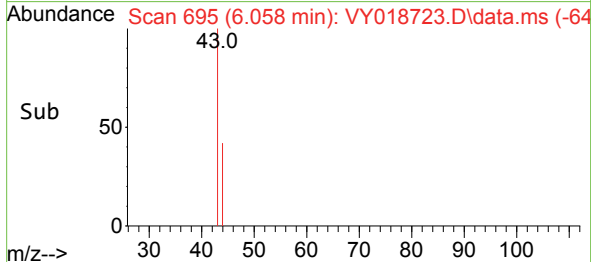
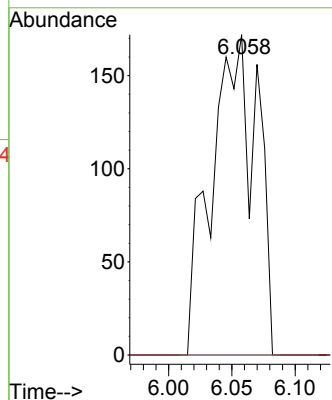
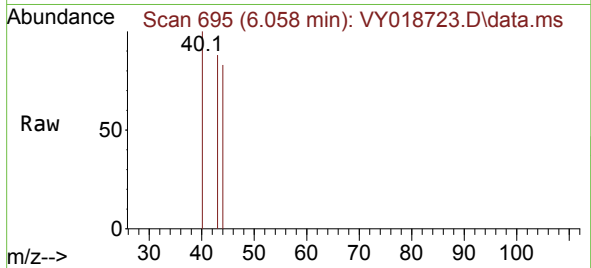




#23
 Vinyl Acetate
 Concen: 87.875 ug/l
 RT: 6.058 min Scan# 64
 Delta R.T. 0.013 min
 Lab File: VY018723.D
 Acq: 27 Jun 2024 17:01

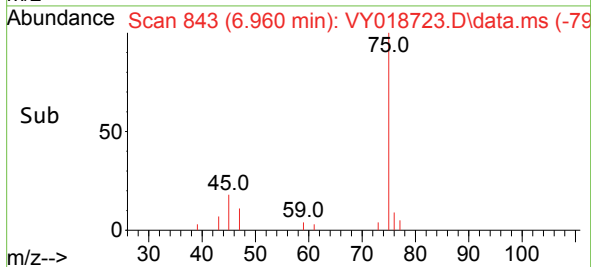
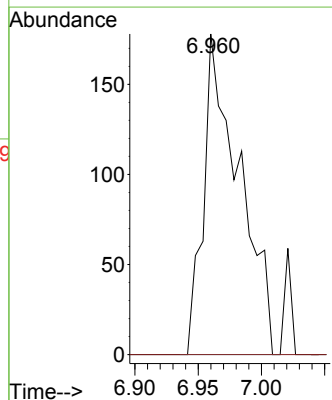
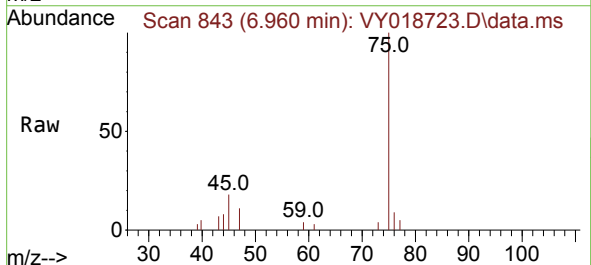
Instrument :
 MSVOA_Y
 ClientSampleId :

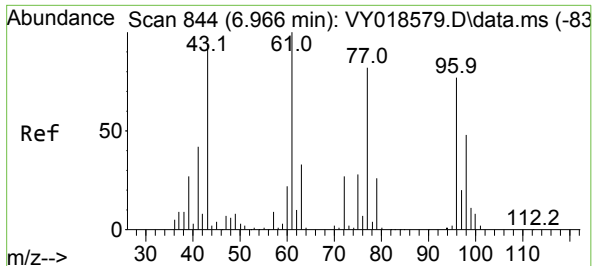
Tgt Ion: 43 Resp: 433
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#25
 2-Butanone
 Concen: 541.273 ug/l
 RT: 6.960 min Scan# 843
 Delta R.T. -0.012 min
 Lab File: VY018723.D
 Acq: 27 Jun 2024 17:01

Tgt Ion: 43 Resp: 349
 Ion Ratio Lower Upper
 43 100
 72 0.0 27.3 40.9#





#26

2,2-Dichloropropane

Concen: 81.636 ug/l

RT: 6.954 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Instrument :

MSVOA_Y

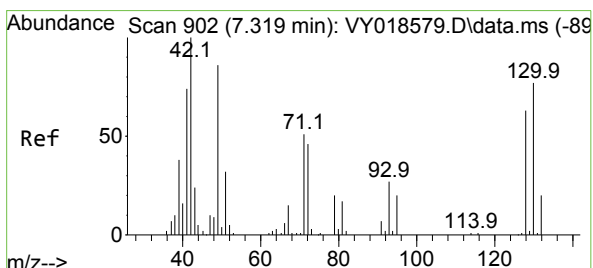
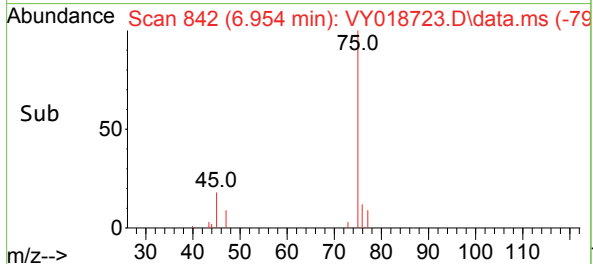
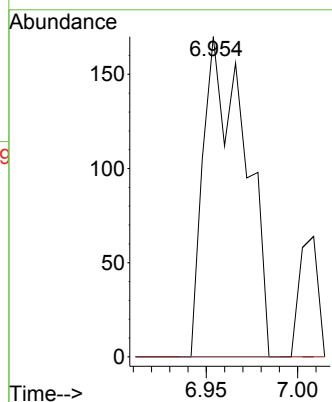
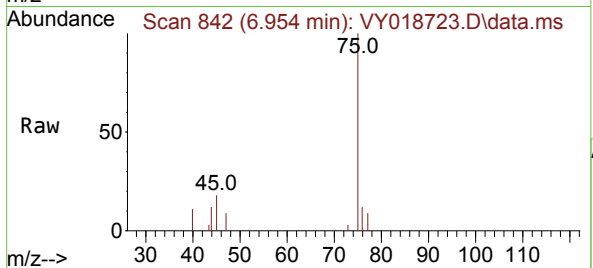
ClientSampleId :

Tgt Ion: 77 Resp: 269

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#



#28

Bromochloromethane

Concen: 13.724 ug/l

RT: 7.314 min Scan# 901

Delta R.T. -0.006 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

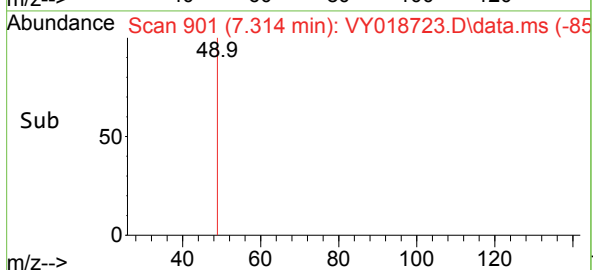
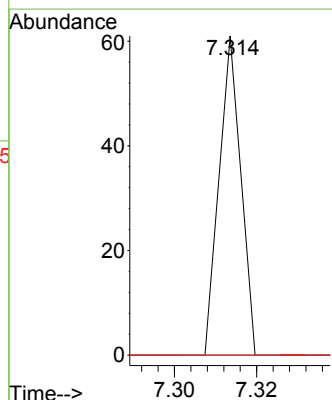
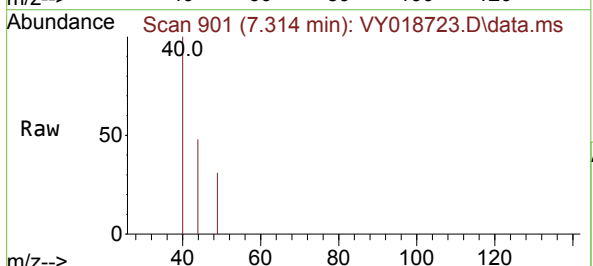
Tgt Ion: 49 Resp: 22

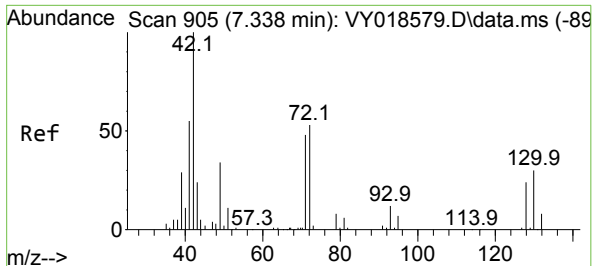
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 72.7 109.1#





#29

Tetrahydrofuran

Concen: 68.236 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

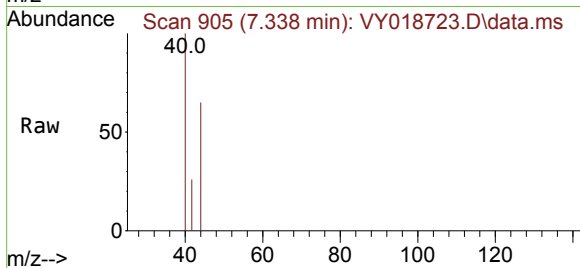
Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

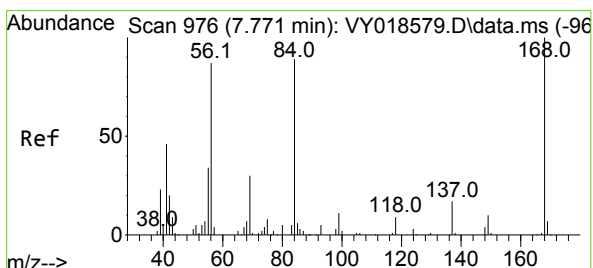
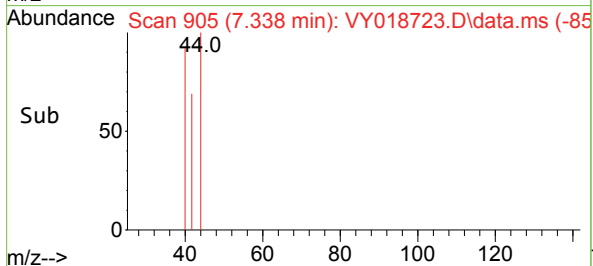
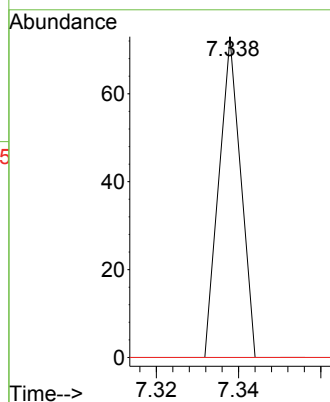
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	27
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#31

Cyclohexane

Concen: 6.175 ug/l

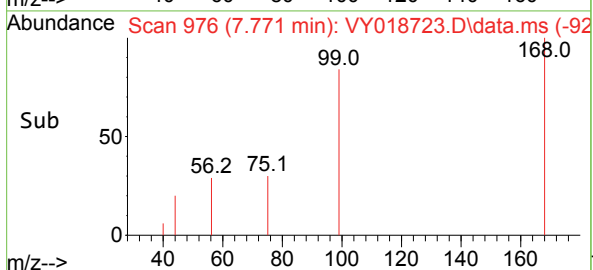
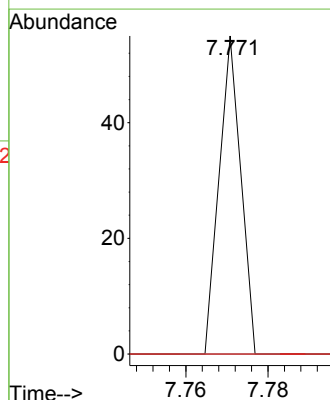
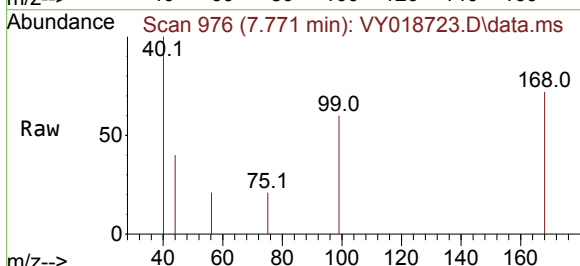
RT: 7.771 min Scan# 976

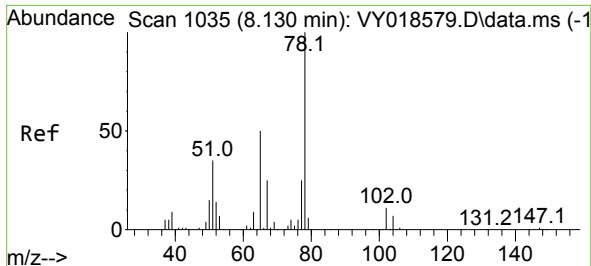
Delta R.T. 0.000 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Tgt Ion:	56	Resp:	20
Ion	Ratio	Lower	Upper
56	100		
69	0.0	28.7	43.1#
84	0.0	77.7	116.5#

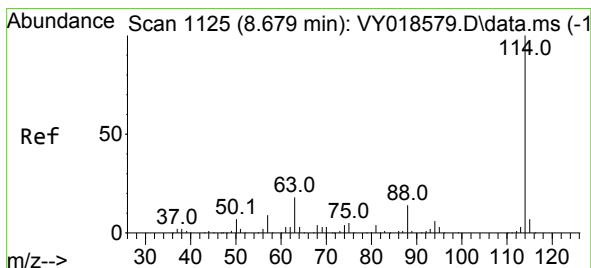
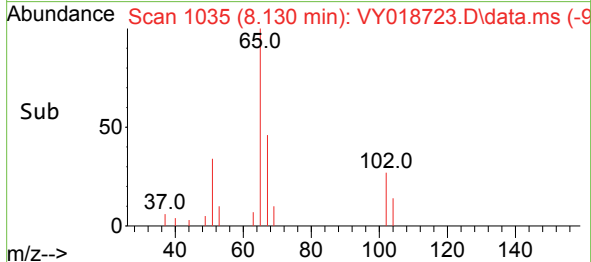
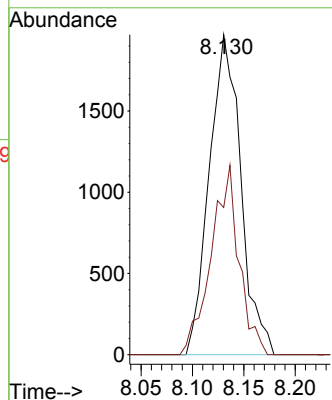
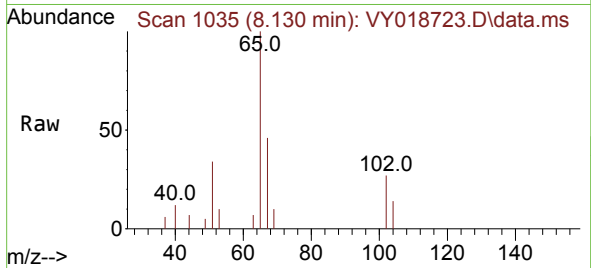




#33
 1,2-Dichloroethane-d4
 Concen: 1988.875 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VY018723.D
 Acq: 27 Jun 2024 17:01

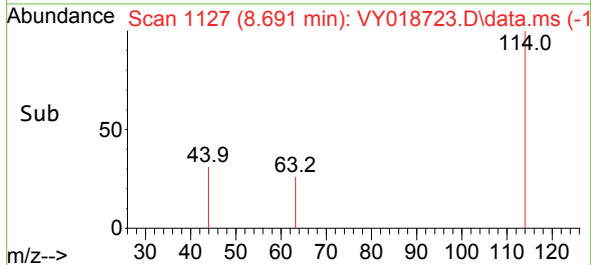
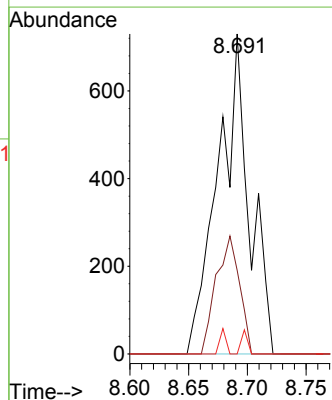
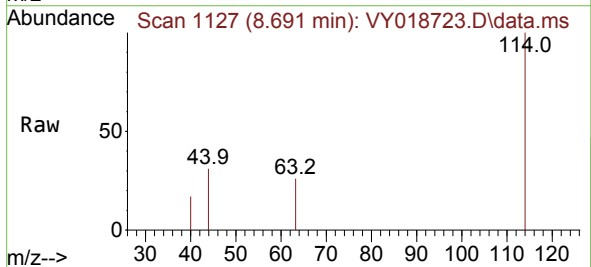
Instrument :
 MSVOA_Y
 ClientSampleId :

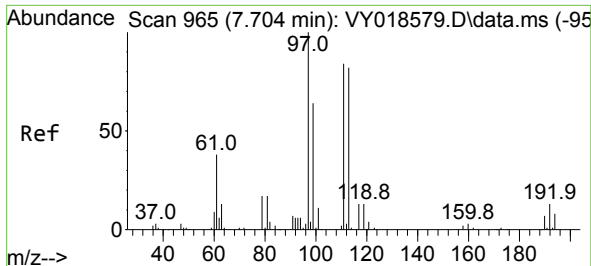
Tgt Ion: 65 Resp: 4205
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.012 min
 Lab File: VY018723.D
 Acq: 27 Jun 2024 17:01

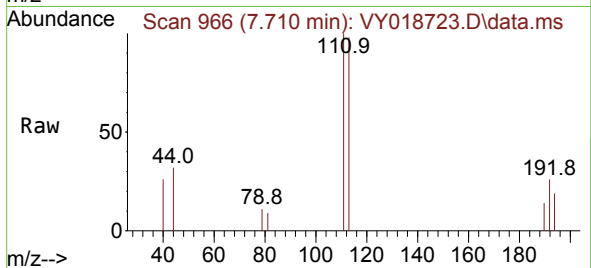
Tgt Ion: 114 Resp: 1355
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 35.0
 88 0.0 0.0 27.2



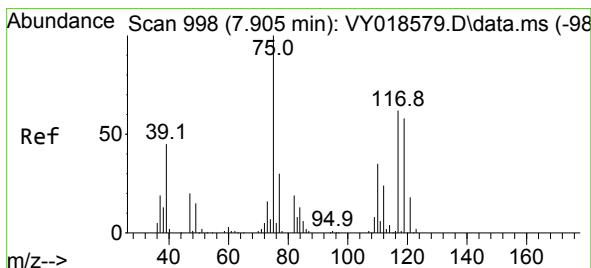
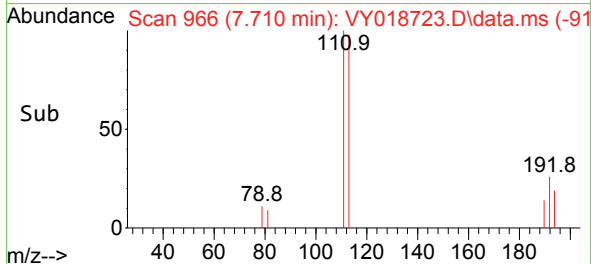
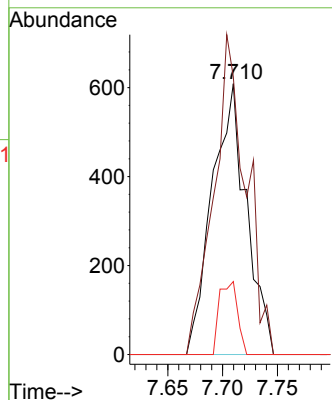


#35
Dibromofluoromethane
Concen: 160.179 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Instrument :
MSVOA_Y
ClientSampleId :

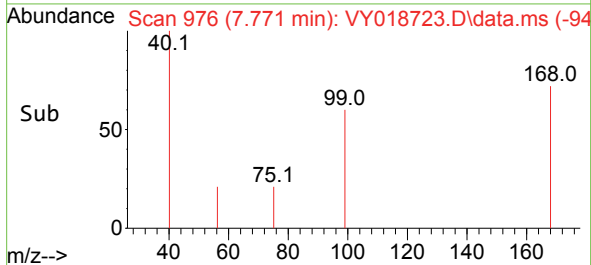
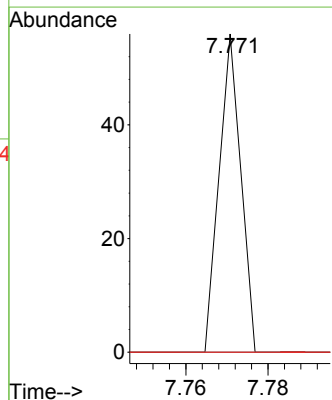
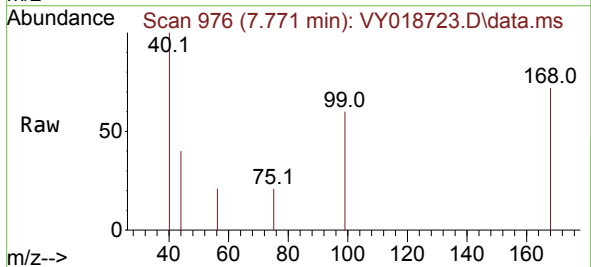


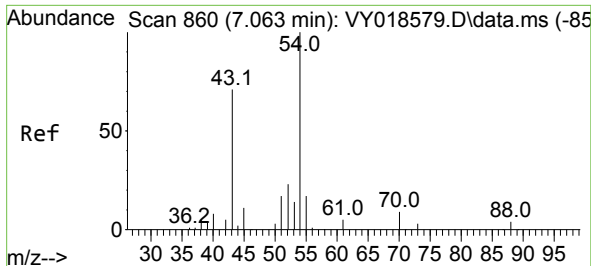
Tgt Ion:113 Resp: 1324
Ion Ratio Lower Upper
113 100
111 111.6 82.2 123.4
192 14.3 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 1.758 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.134 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

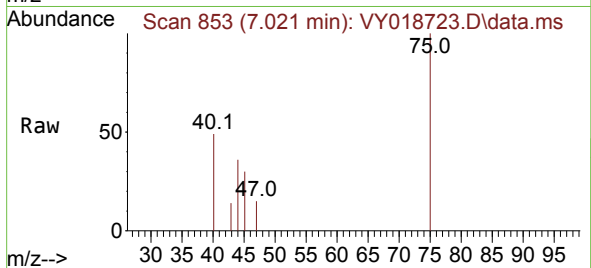
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



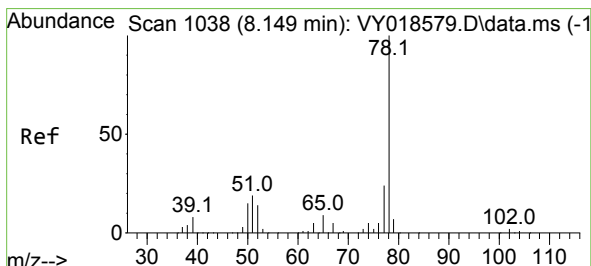
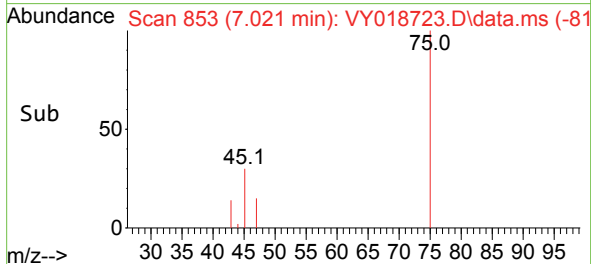
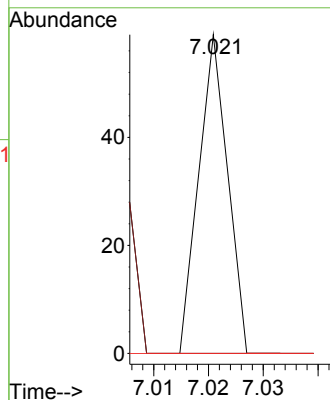


#37
Ethyl Acetate
Concen: 4.102 ug/l
RT: 7.021 min Scan# 81
Delta R.T. -0.043 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Instrument :
MSVOA_Y
ClientSampleId :

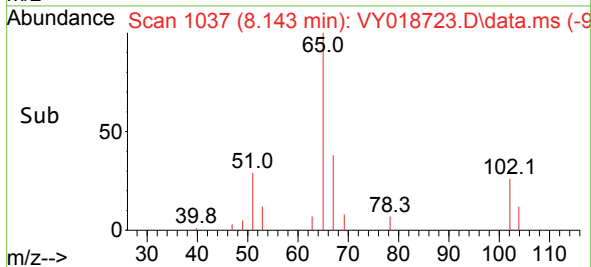
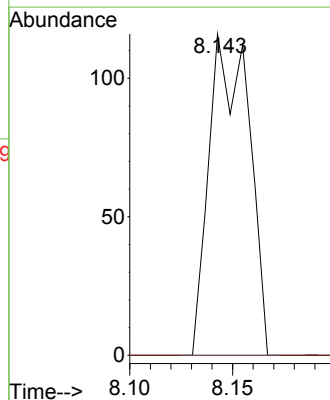
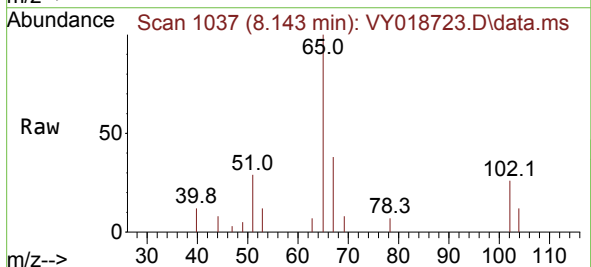


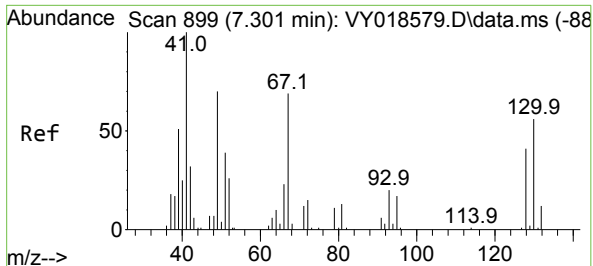
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#



#40
Benzene
Concen: 4.433 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

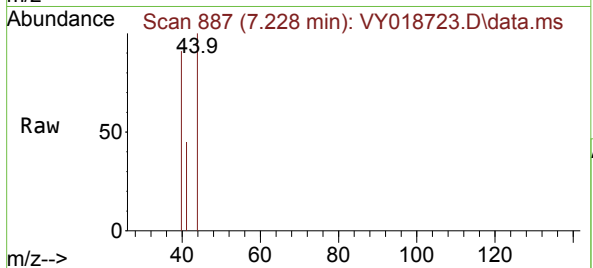
Tgt Ion: 78 Resp: 156
Ion Ratio Lower Upper
78 100
77 0.0 19.5 29.3#



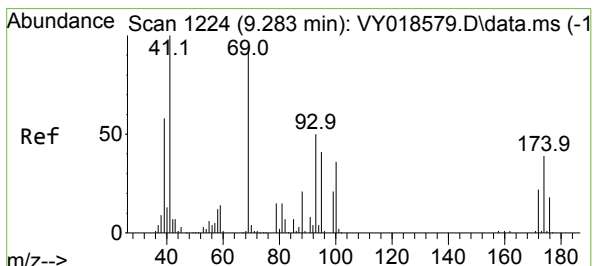
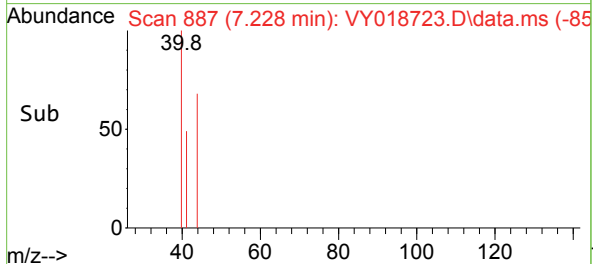
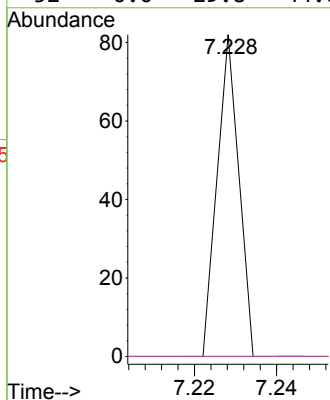


#41
Methacrylonitrile
Concen: 11.121 ug/l
RT: 7.228 min Scan# 899
Delta R.T. -0.073 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Instrument :
MSVOA_Y
ClientSampleId :

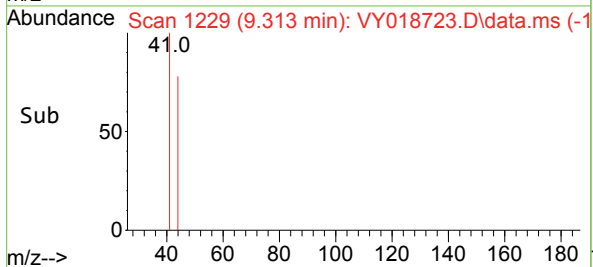
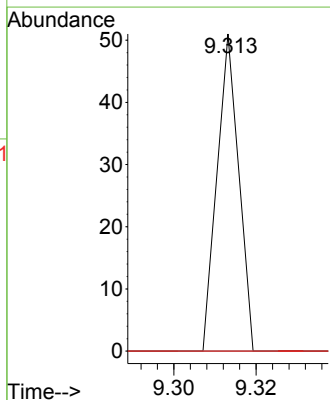
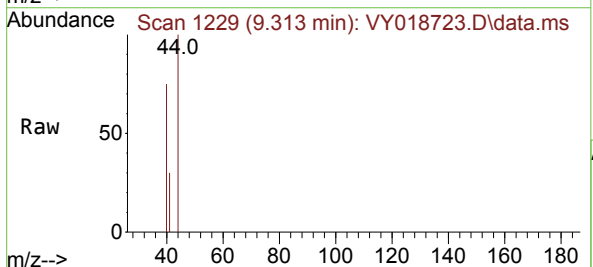


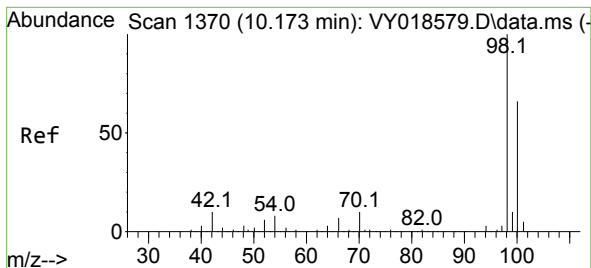
Tgt Ion:	41	Resp:	30
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#48
Methyl methacrylate
Concen: 4.216 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.031 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Tgt Ion:	41	Resp:	19
Ion	Ratio	Lower	Upper
41	100		
69	0.0	84.1	126.1#
39	0.0	43.6	65.4#





#50

Toluene-d8

Concen: 65.687 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Instrument :

MSVOA_Y

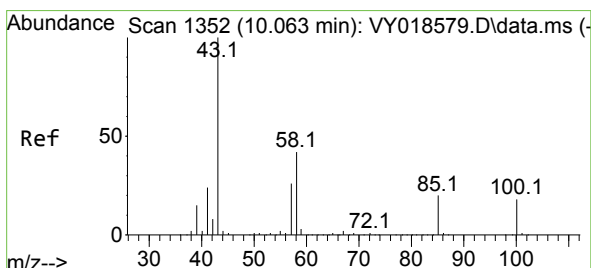
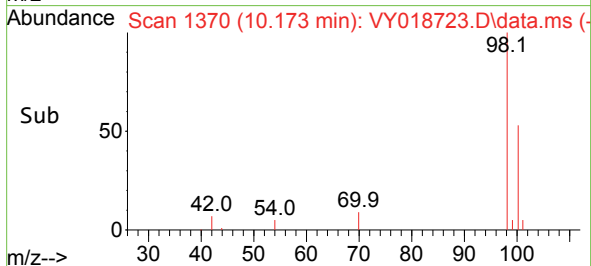
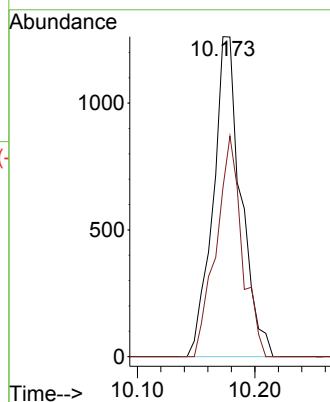
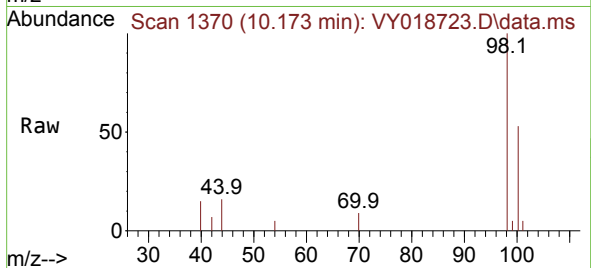
ClientSampleId :

Tgt Ion: 98 Resp: 2088

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 14.413 ug/l

RT: 10.057 min Scan# 1351

Delta R.T. -0.006 min

Lab File: VY018723.D

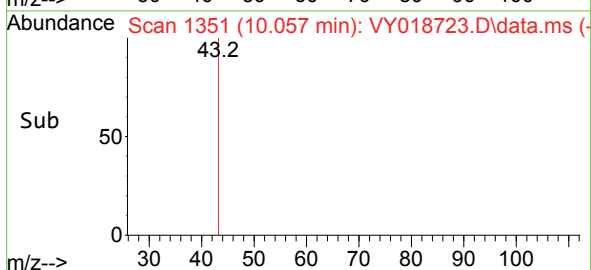
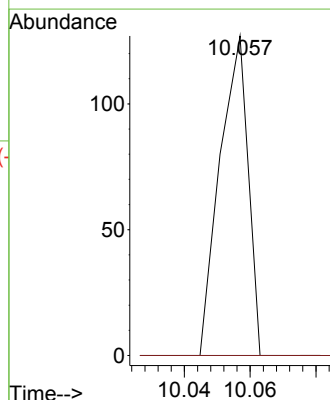
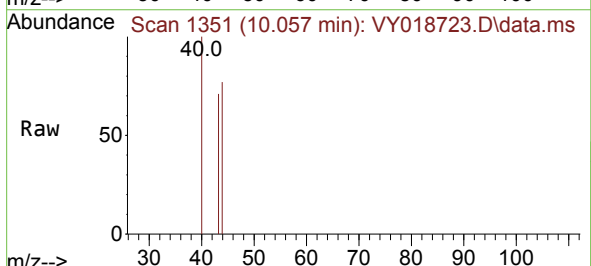
Acq: 27 Jun 2024 17:01

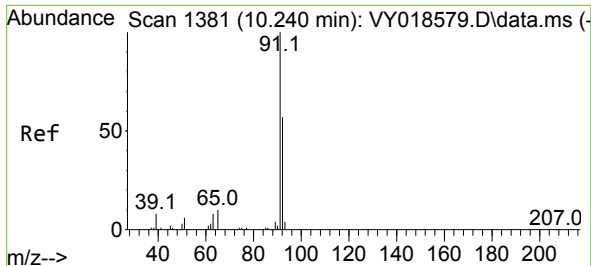
Tgt Ion: 43 Resp: 76

Ion Ratio Lower Upper

43 100

58 0.0 35.7 53.5#

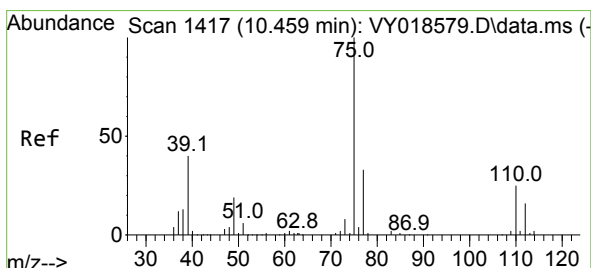
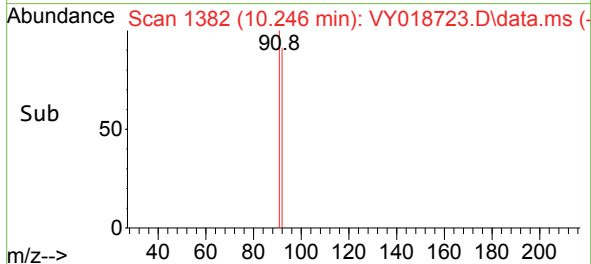
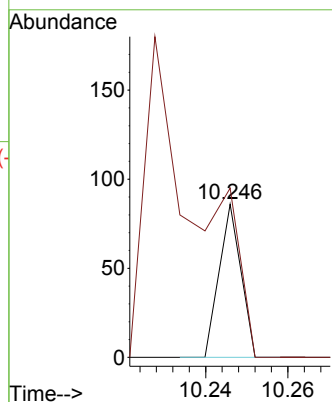
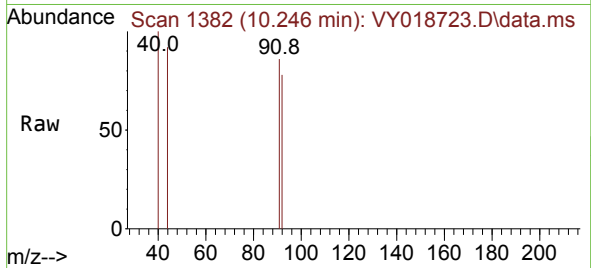




#52
Toluene
Concen: 1.372 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

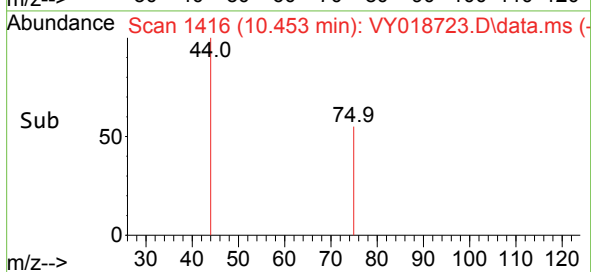
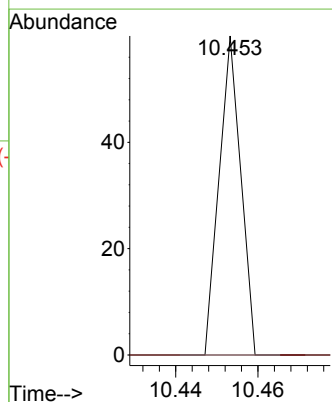
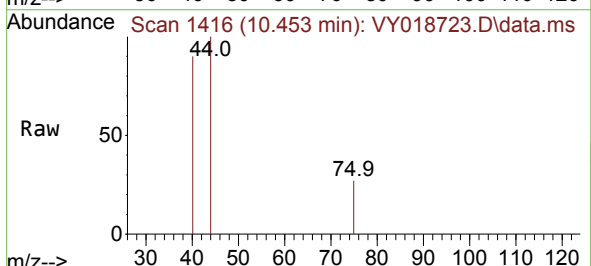
Instrument :
MSVOA_Y
ClientSampleId :

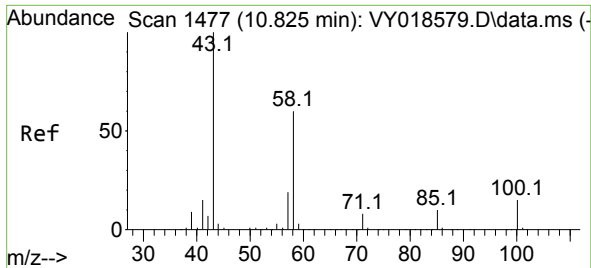
Tgt Ion: 92 Resp: 31
Ion Ratio Lower Upper
92 100
91 590.3 139.0 208.6#



#53
t-1,3-Dichloropropene
Concen: 2.113 ug/l
RT: 10.453 min Scan# 1416
Delta R.T. -0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 0.0 24.1 36.1#

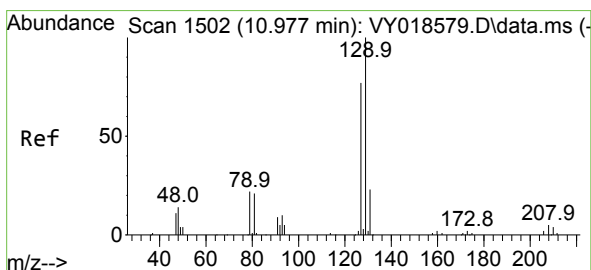
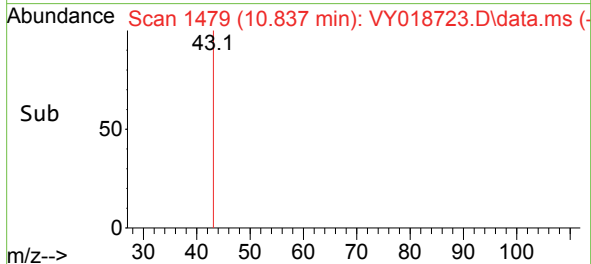
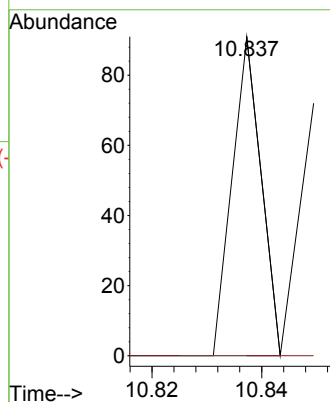
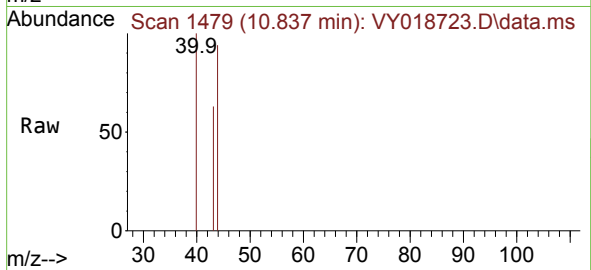




#59
2-Hexanone
Concen: 8.935 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.012 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

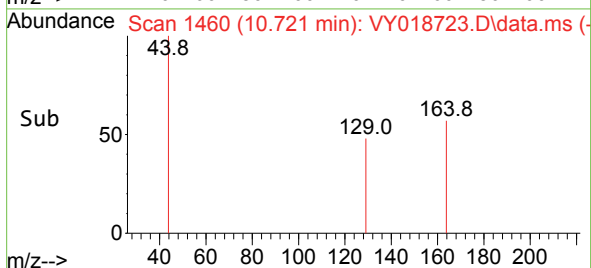
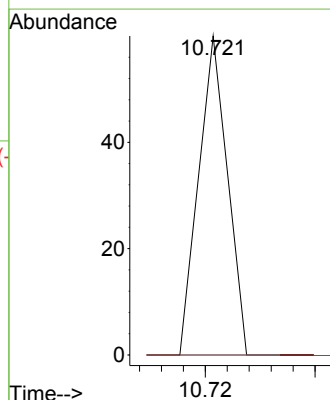
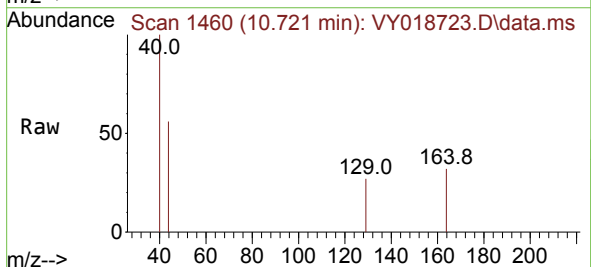
Instrument :
MSVOA_Y
ClientSampleId :

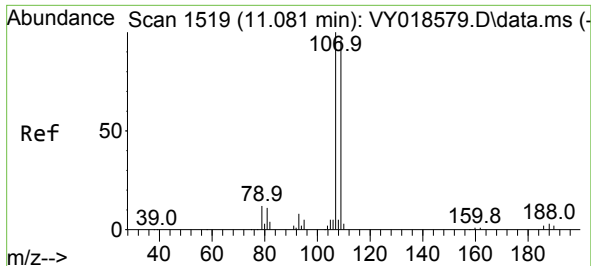
Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#



#60
Dibromochloromethane
Concen: 2.667 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.256 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

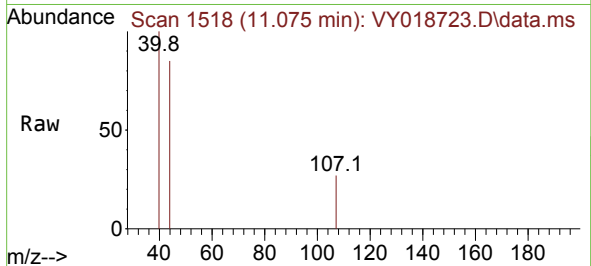
Tgt Ion: 129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



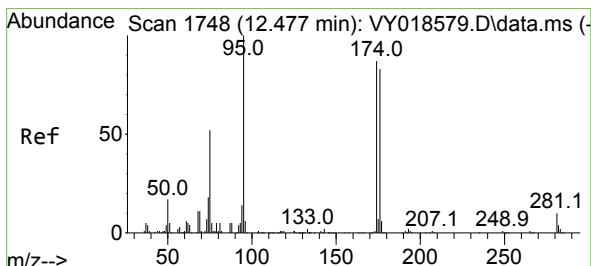
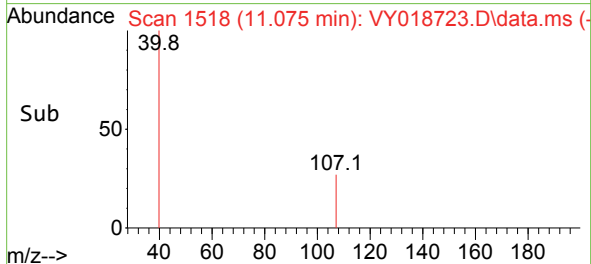
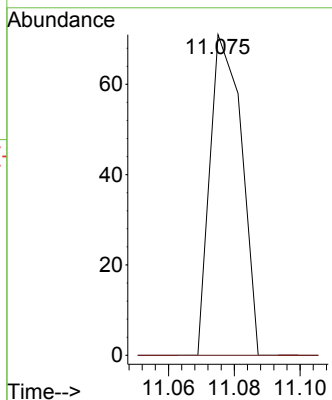


#61
1,2-Dibromoethane
Concen: 7.659 ug/l
RT: 11.075 min Scan# 1518
Delta R.T. -0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Instrument :
MSVOA_Y
ClientSampleId :

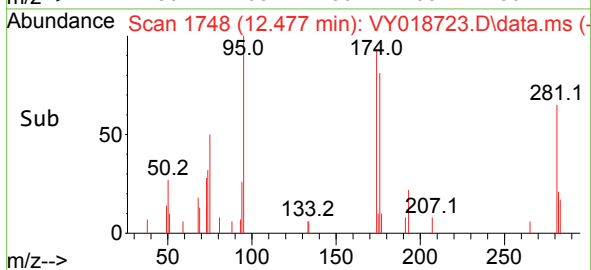
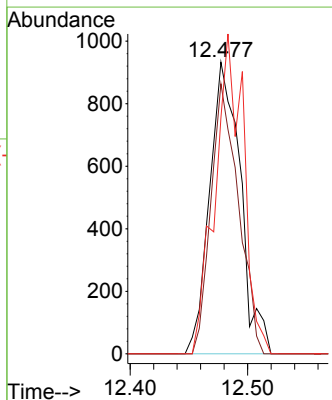
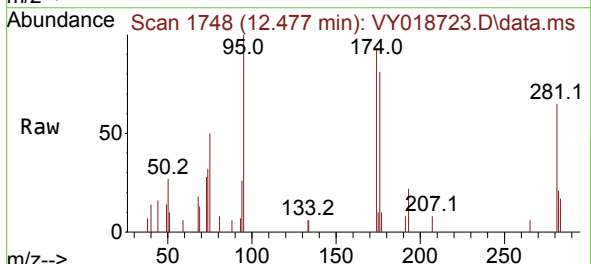


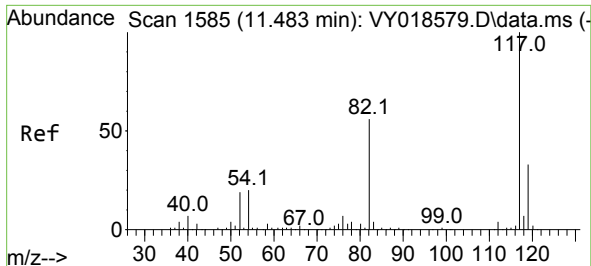
Tgt Ion:107 Resp: 47
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#



#62
4-Bromofluorobenzene
Concen: 169.066 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Tgt Ion: 95 Resp: 1697
Ion Ratio Lower Upper
95 100
174 83.1 0.0 175.6
176 101.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.006 min

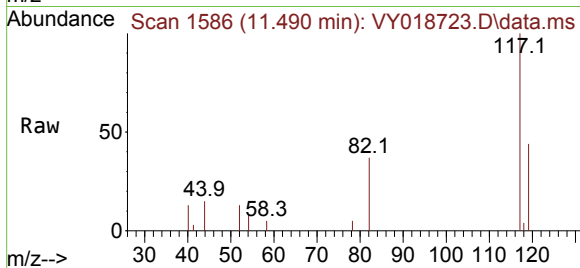
Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :



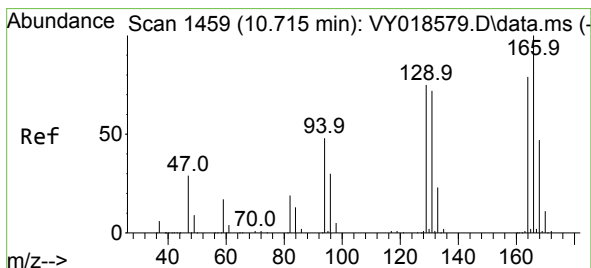
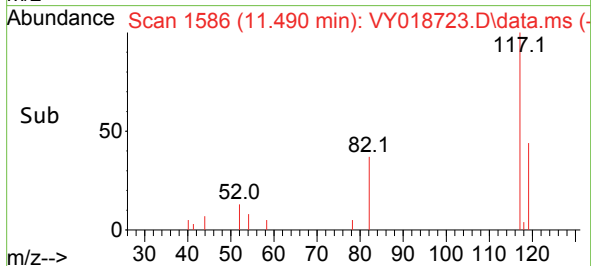
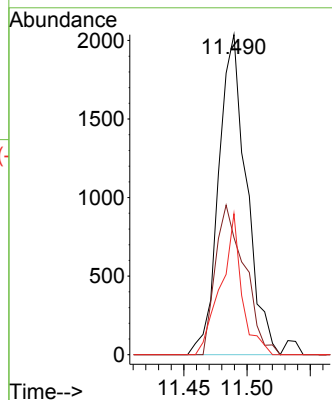
Tgt Ion:117 Resp: 3107

Ion Ratio Lower Upper

117 100

82 36.6 42.4 63.6#

119 44.0 25.9 38.9#



#64

Tetrachloroethene

Concen: 1.173 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Tgt Ion:164 Resp: 26

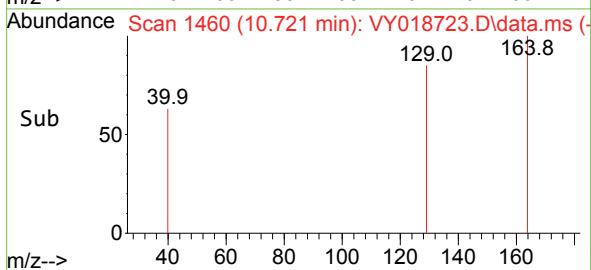
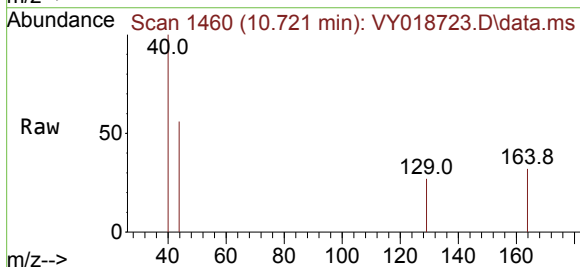
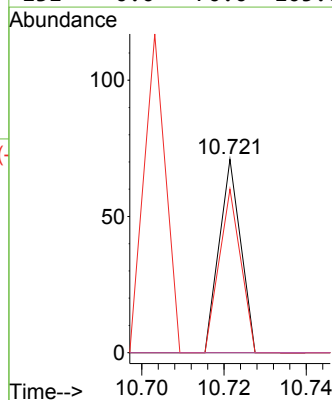
Ion Ratio Lower Upper

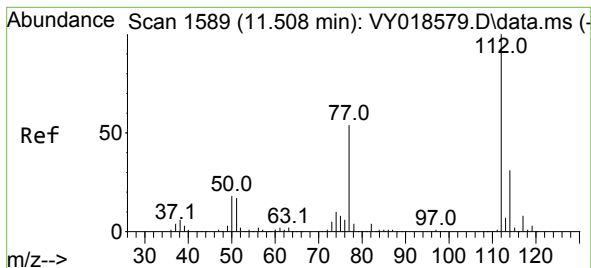
164 100

166 0.0 102.6 154.0#

129 84.5 72.0 108.0

131 0.0 70.0 105.0#

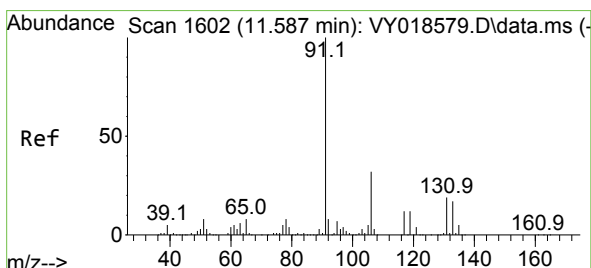
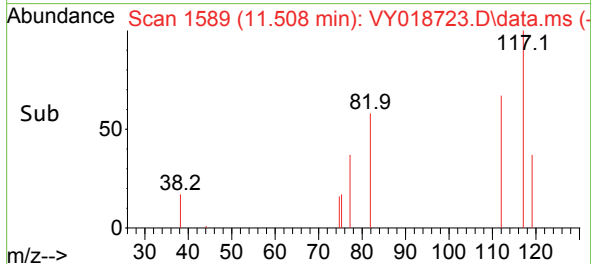
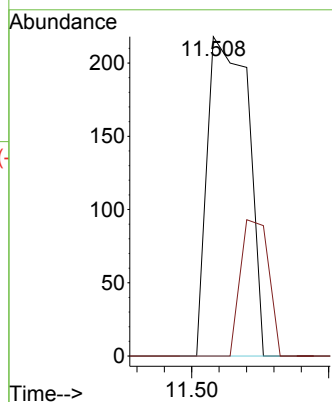
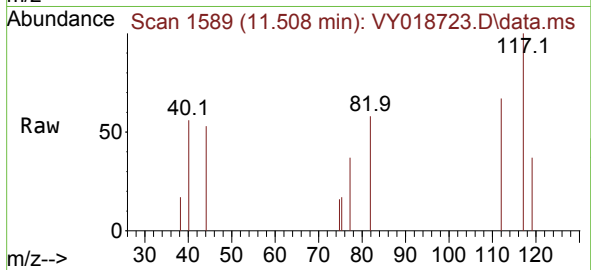




#65
Chlorobenzene
Concen: 3.506 ug/l
RT: 11.508 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

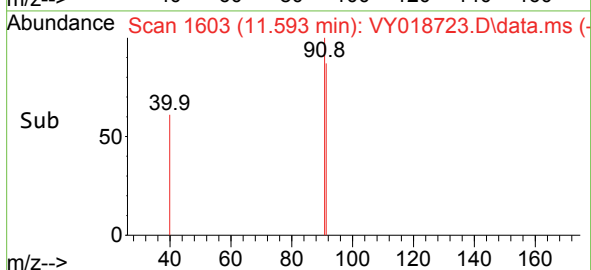
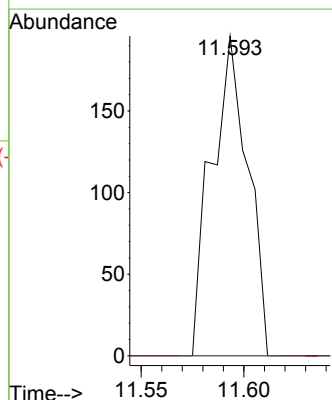
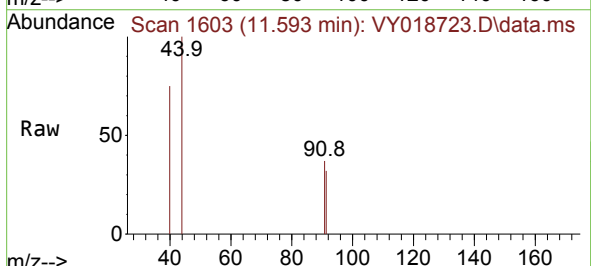
Instrument :
MSVOA_Y
ClientSampleId :

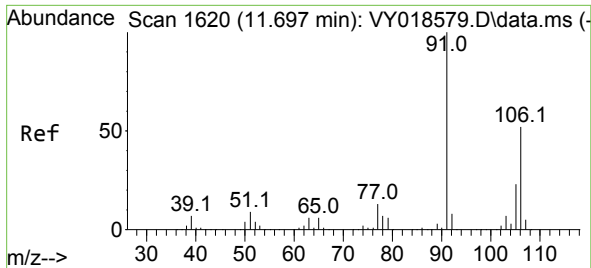
Tgt Ion:112 Resp: 225
Ion Ratio Lower Upper
112 100
114 0.0 26.4 39.6#



#67
Ethyl Benzene
Concen: 2.164 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Tgt Ion: 91 Resp: 241
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#

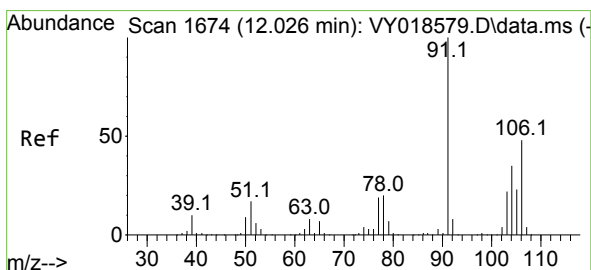
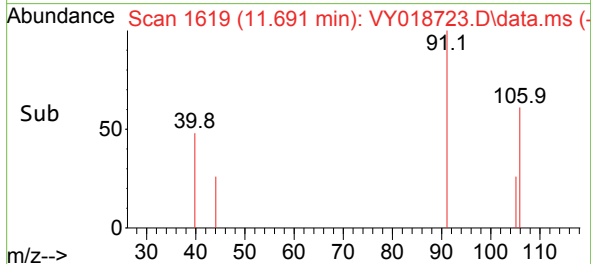
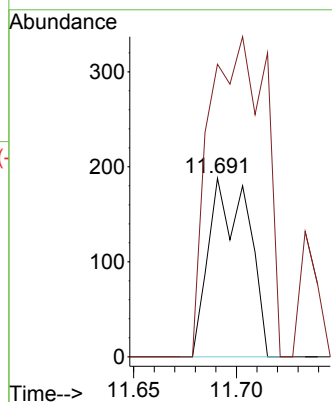
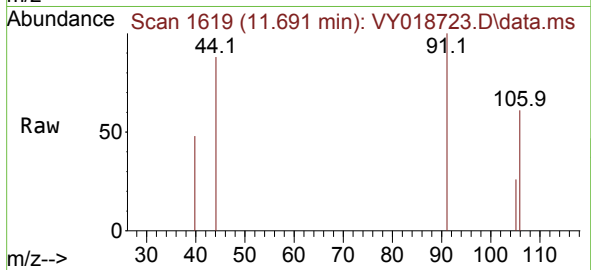




#68
m/p-Xylenes
Concen: 5.815 ug/l
RT: 11.691 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

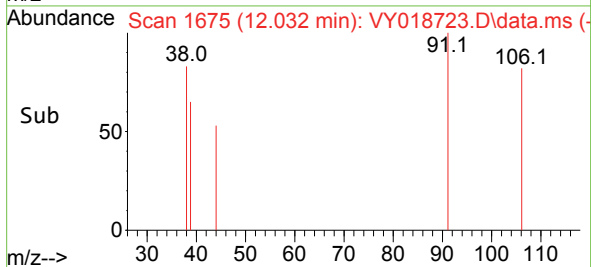
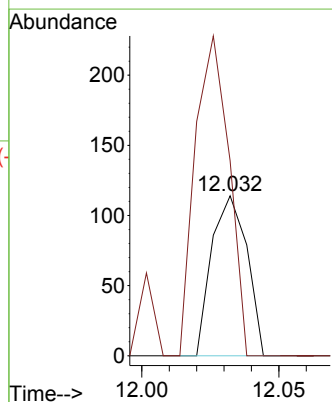
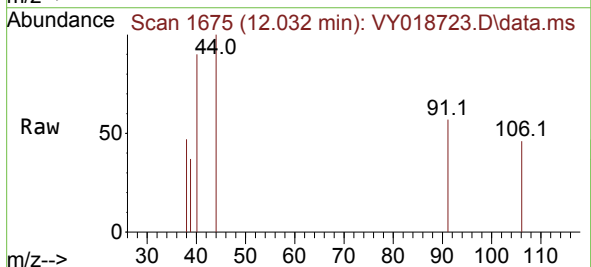
Instrument :
MSVOA_Y
ClientSampleId :

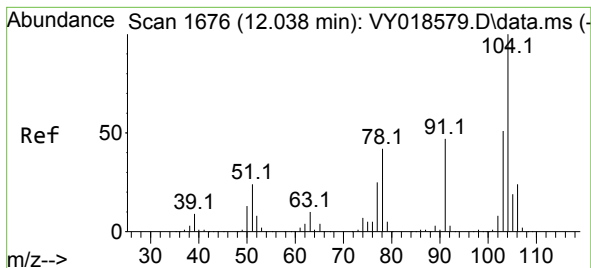
Tgt Ion:106 Resp: 252
Ion Ratio Lower Upper
106 100
91 253.2 156.0 234.0#



#69
o-Xylene
Concen: 2.448 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Tgt Ion:106 Resp: 102
Ion Ratio Lower Upper
106 100
91 212.7 103.6 310.8





#70

Styrene

Concen: 3.341 ug/l

RT: 12.057 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY018723.D

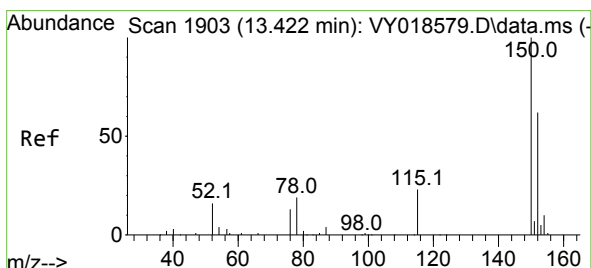
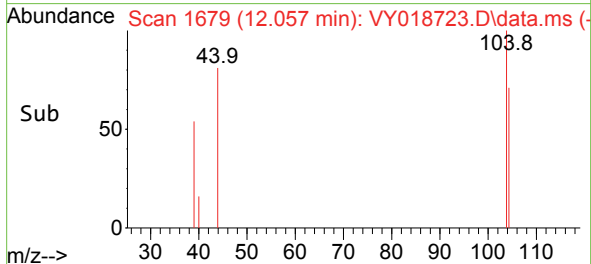
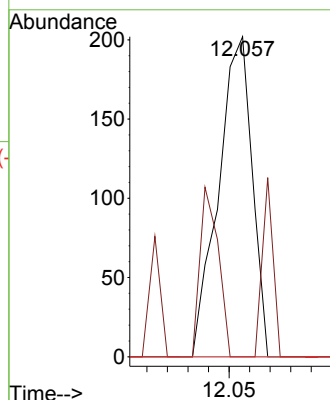
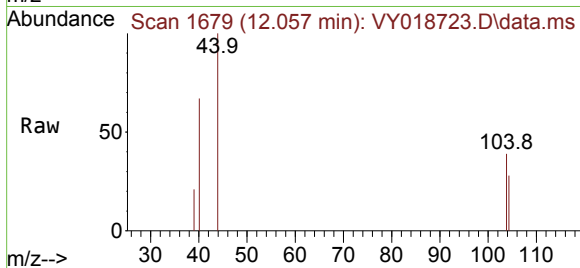
Acq: 27 Jun 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:104	Resp:	230
Ion Ratio	Lower	Upper
104	100	
78	17.8	37.0 55.4#
103	0.0	44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

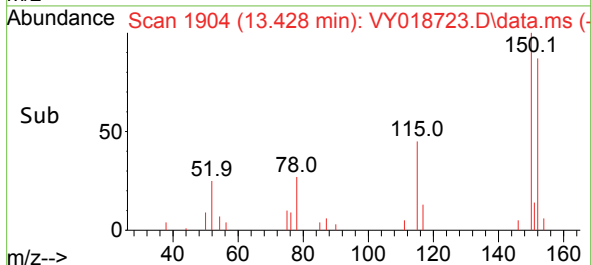
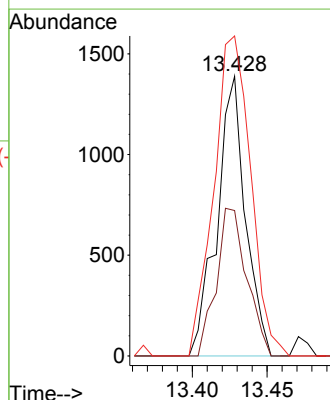
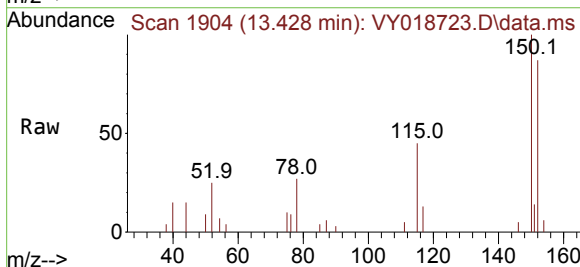
RT: 13.428 min Scan# 1904

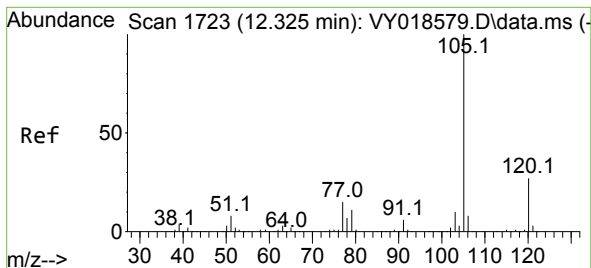
Delta R.T. 0.006 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Tgt Ion:152	Resp:	1840
Ion Ratio	Lower	Upper
152	100	
115	56.4	28.2 84.7
150	147.9	0.0 345.6





#73

Isopropylbenzene

Concen: 2.062 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Instrument :

MSVOA_Y

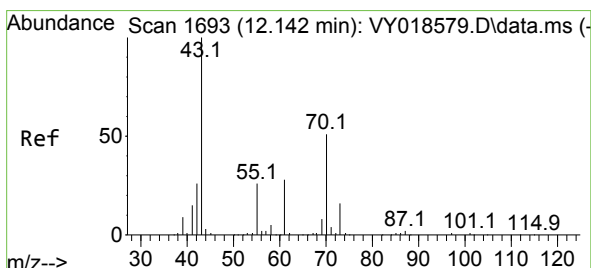
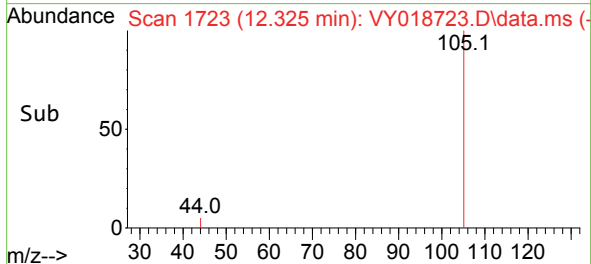
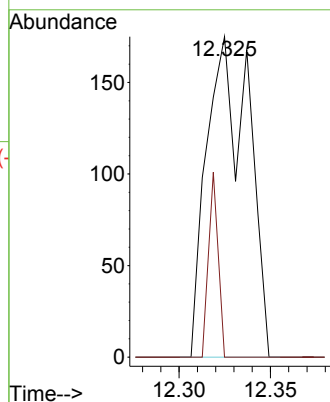
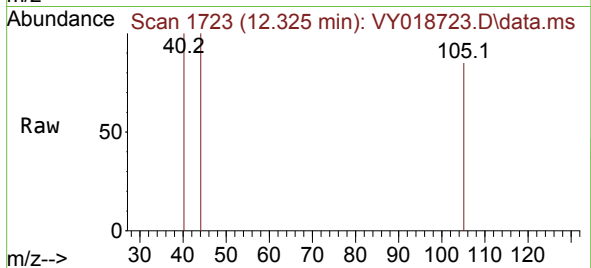
ClientSampleId :

Tgt Ion:105 Resp: 277

Ion Ratio Lower Upper

105 100

120 13.4 13.4 40.1



#74

N-ethyl acetate

Concen: 3.198 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.012 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Tgt Ion: 43 Resp: 88

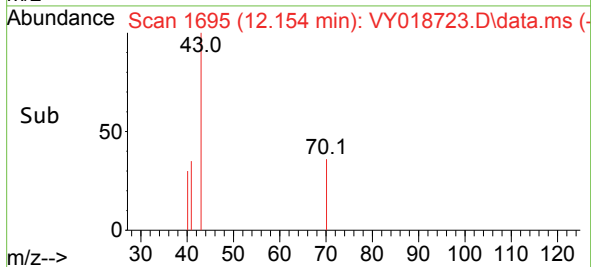
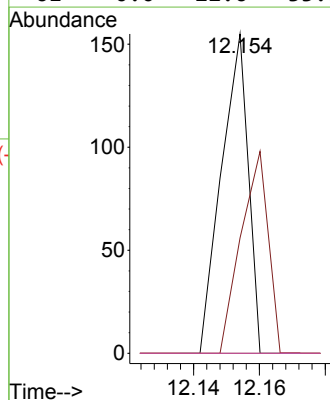
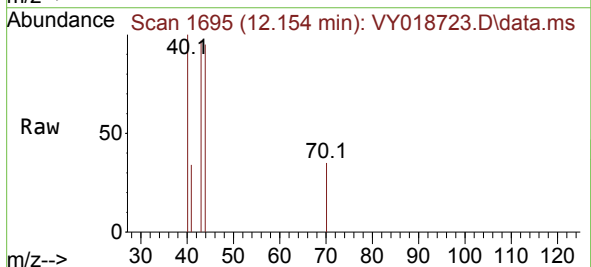
Ion Ratio Lower Upper

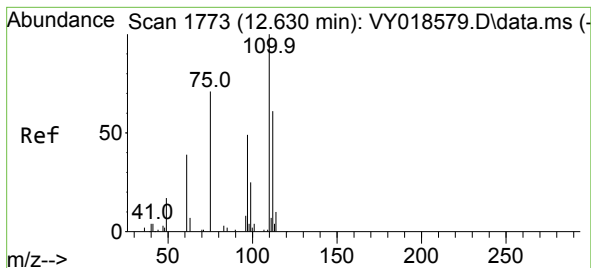
43 100

70 63.6 41.4 62.2#

55 0.0 23.3 34.9#

61 0.0 22.6 33.8#





#76

1,2,3-Trichloropropane

Concen: 49.710 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.146 min

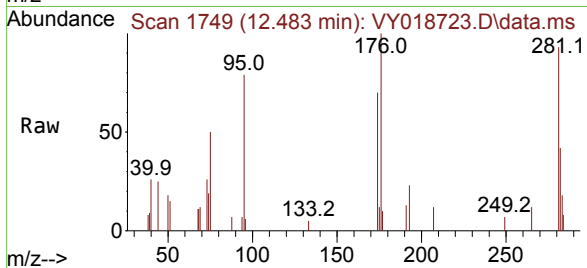
Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :

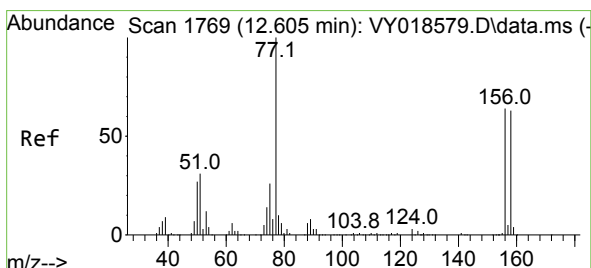
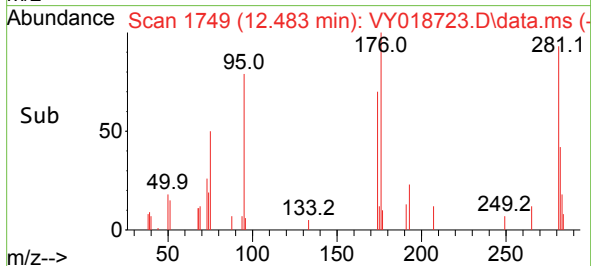
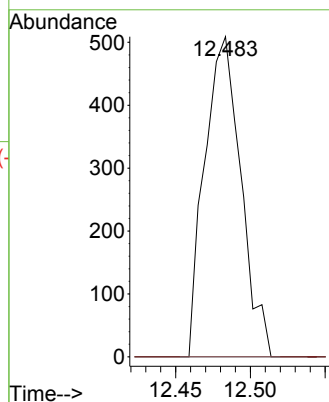


Tgt Ion: 75 Resp: 858

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 6.372 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

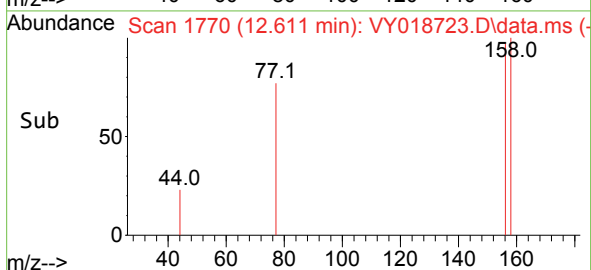
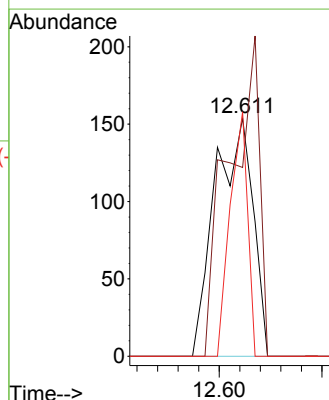
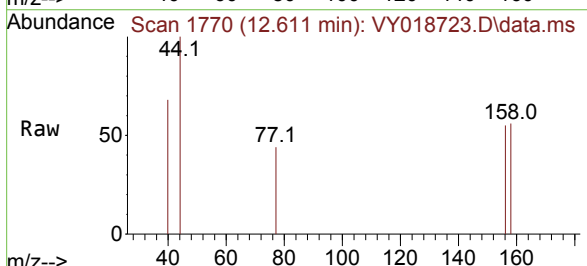
Tgt Ion: 156 Resp: 198

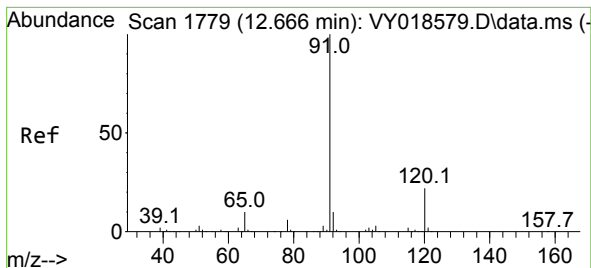
Ion Ratio Lower Upper

156 100

77 107.1 87.1 261.3

158 47.5 48.6 145.9





#78

n-propylbenzene

Concen: 3.396 ug/l

RT: 12.666 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Instrument :

MSVOA_Y

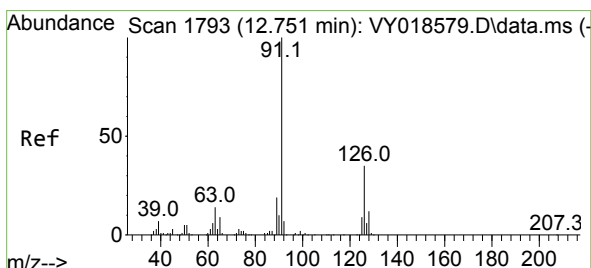
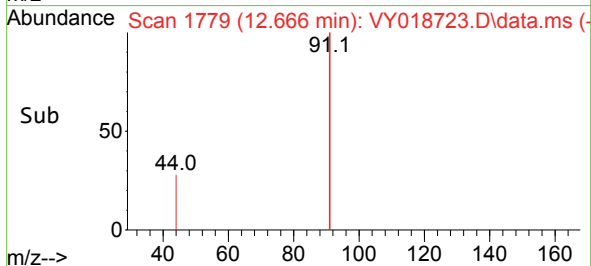
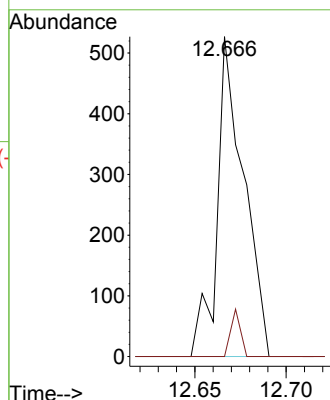
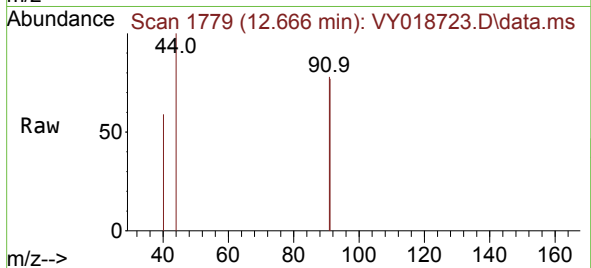
ClientSampleId :

Tgt Ion: 91 Resp: 534

Ion Ratio Lower Upper

91 100

120 5.4 11.5 34.4#



#79

2-Chlorotoluene

Concen: 3.290 ug/l

RT: 12.849 min Scan# 1809

Delta R.T. 0.098 min

Lab File: VY018723.D

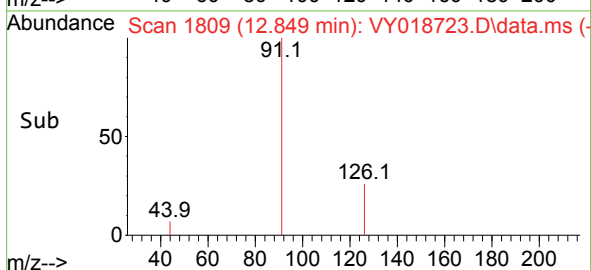
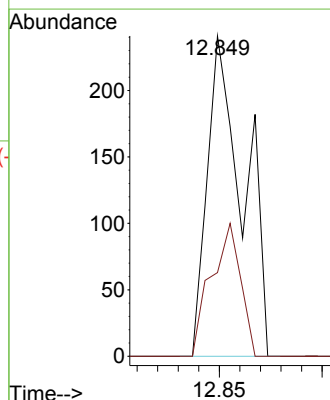
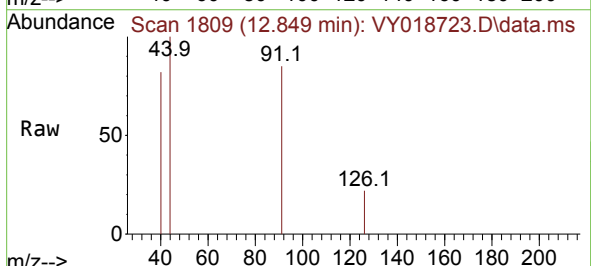
Acq: 27 Jun 2024 17:01

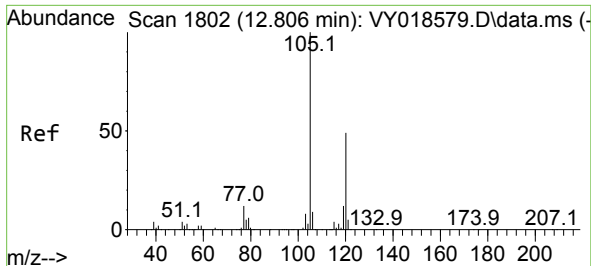
Tgt Ion: 91 Resp: 292

Ion Ratio Lower Upper

91 100

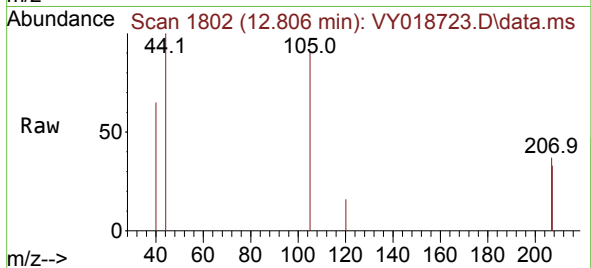
126 33.9 17.8 53.5



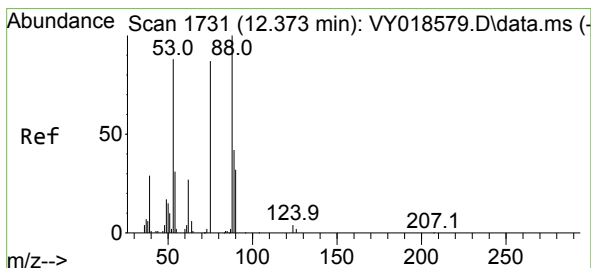
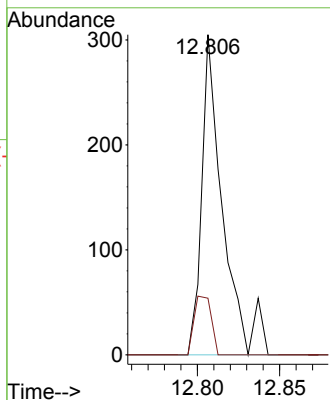
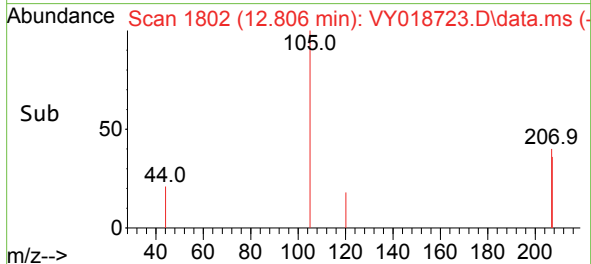


#80
1,3,5-Trimethylbenzene
Concen: 2.554 ug/l
RT: 12.806 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

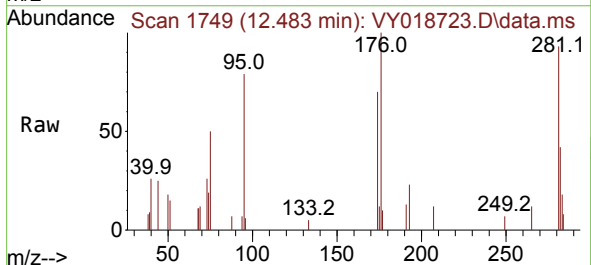
Instrument :
MSVOA_Y
ClientSampleId :



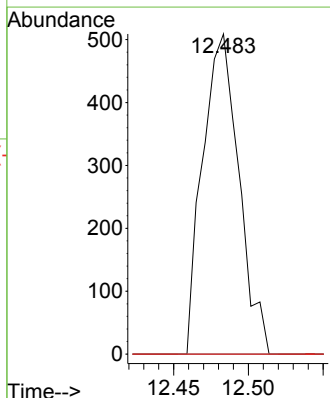
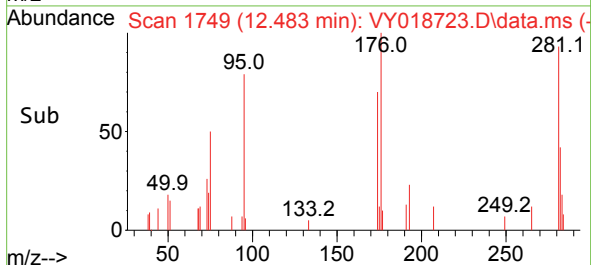
Tgt Ion:105 Resp: 272
Ion Ratio Lower Upper
105 100
120 14.7 25.1 75.2#

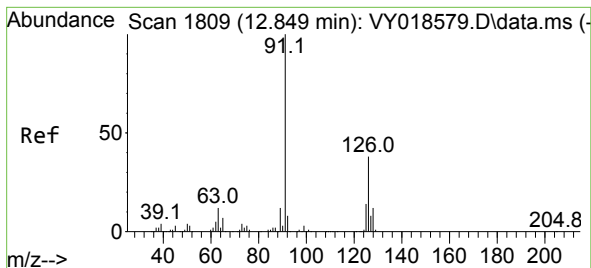


#81
trans-1,4-Dichloro-2-butene
Concen: 130.210 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01



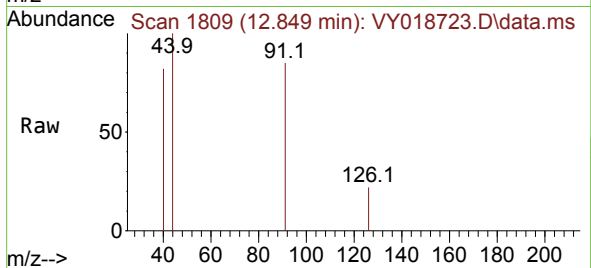
Tgt Ion: 75 Resp: 858
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



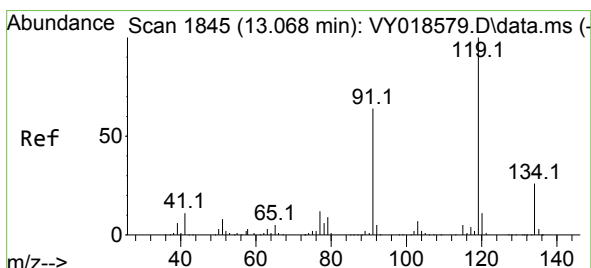
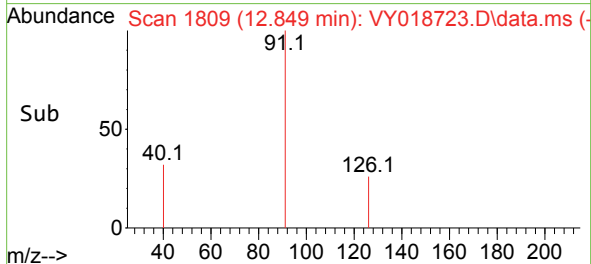
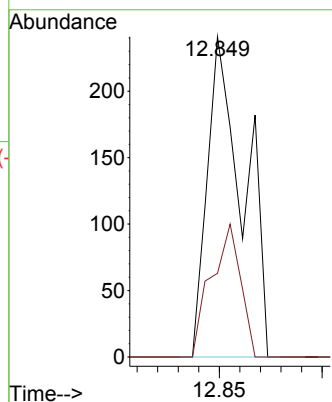


#82
4-Chlorotoluene
Concen: 3.267 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Instrument :
MSVOA_Y
ClientSampleId :

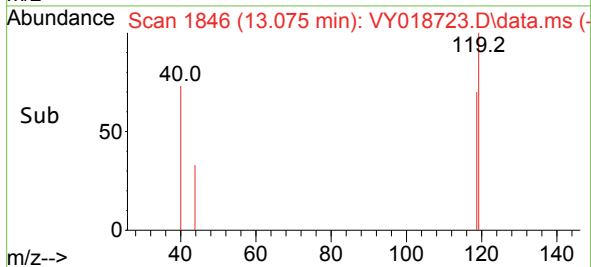
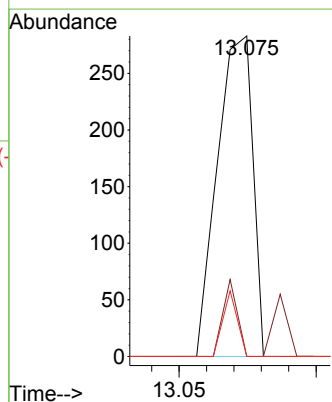
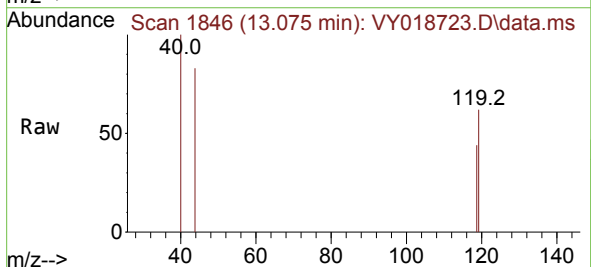


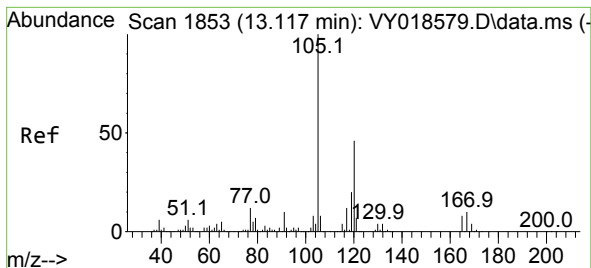
Tgt Ion: 91 Resp: 292
Ion Ratio Lower Upper
91 100
126 33.9 17.6 52.9



#83
tert-Butylbenzene
Concen: 2.577 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

Tgt Ion: 119 Resp: 254
Ion Ratio Lower Upper
119 100
91 9.8 31.3 93.8#
134 8.3 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 2.715 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Instrument :

MSVOA_Y

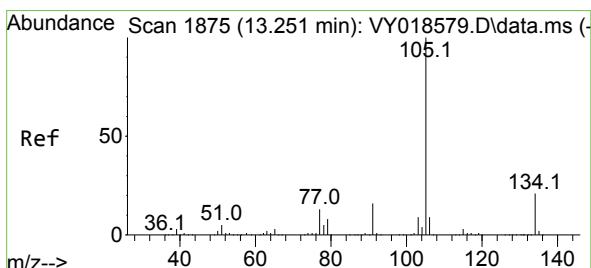
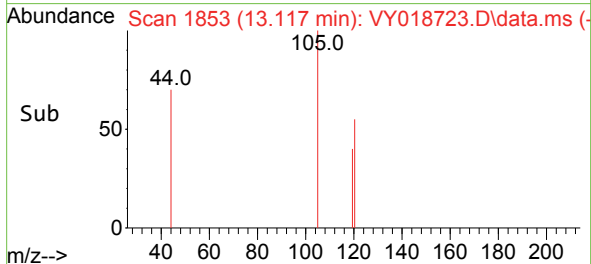
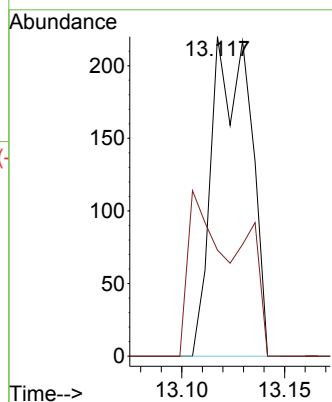
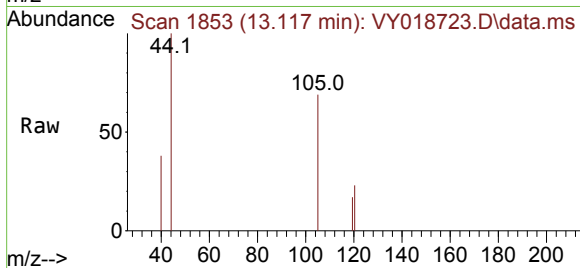
ClientSampleId :

Tgt Ion:105 Resp: 289

Ion Ratio Lower Upper

105 100

120 64.7 23.2 69.6



#85

sec-Butylbenzene

Concen: 2.554 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY018723.D

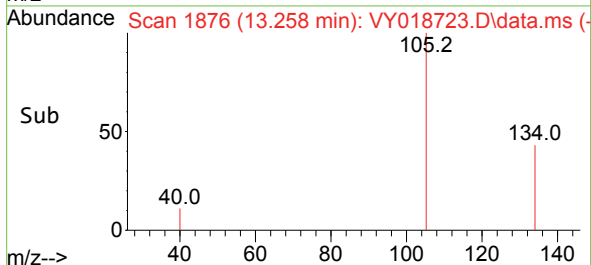
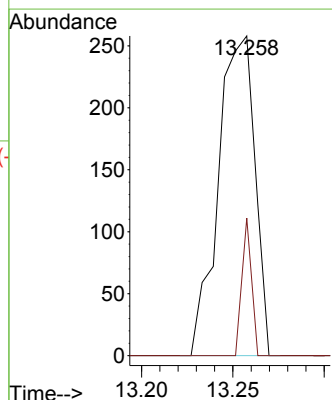
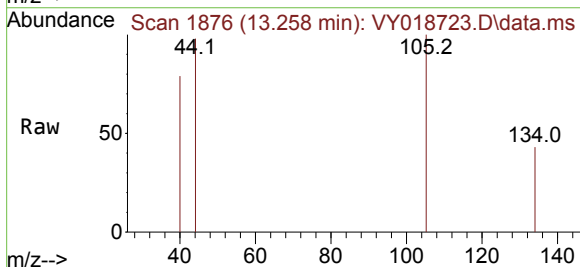
Acq: 27 Jun 2024 17:01

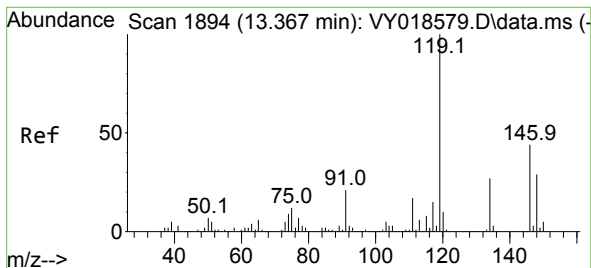
Tgt Ion:105 Resp: 359

Ion Ratio Lower Upper

105 100

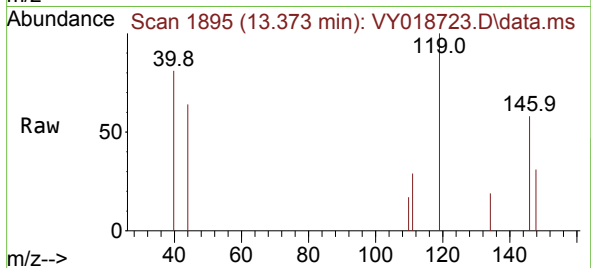
134 11.4 10.1 30.1



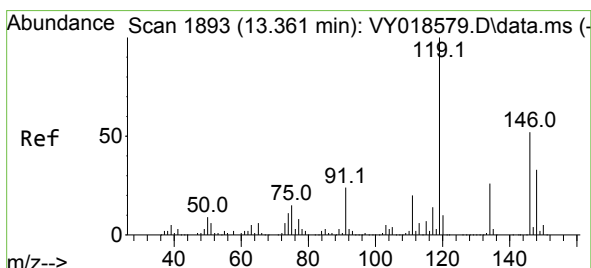
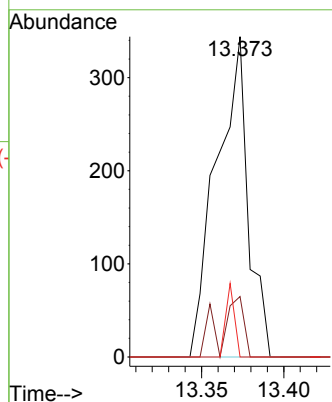
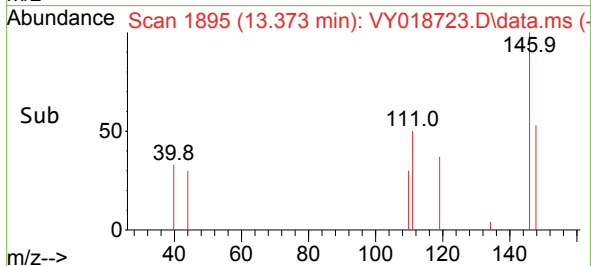


#86
p-Isopropyltoluene
Concen: 3.852 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01

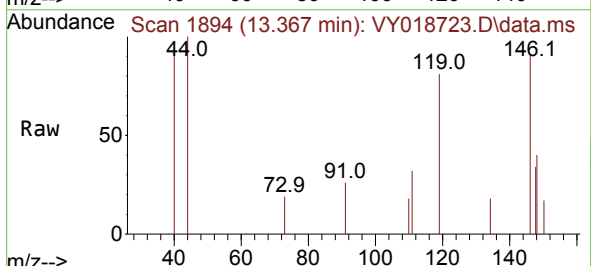
Instrument :
MSVOA_Y
ClientSampleId :



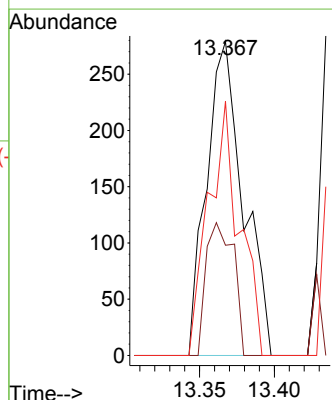
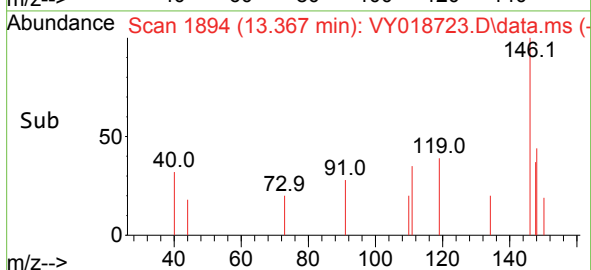
Tgt Ion:119 Resp: 459
Ion Ratio Lower Upper
119 100
134 14.2 13.1 39.3
91 6.3 10.7 32.1#

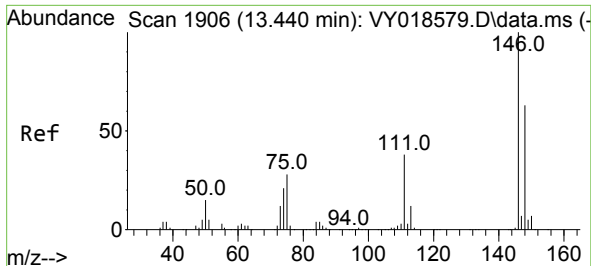


#87
1,3-Dichlorobenzene
Concen: 7.595 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY018723.D
Acq: 27 Jun 2024 17:01



Tgt Ion:146 Resp: 476
Ion Ratio Lower Upper
146 100
111 31.7 19.0 57.0
148 68.1 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 7.740 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.073 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :

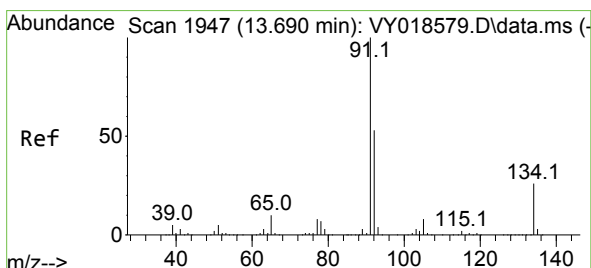
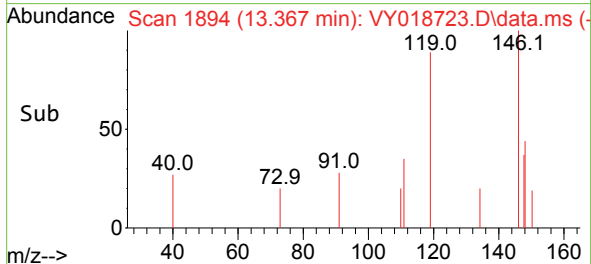
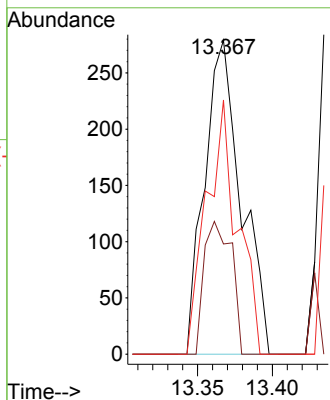
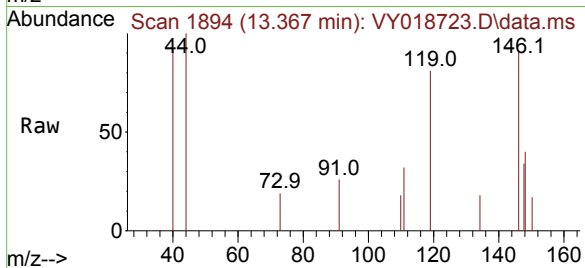
Tgt Ion:146 Resp: 476

Ion Ratio Lower Upper

146 100

111 31.7 18.4 55.4

148 68.1 32.4 97.2



#89

n-Butylbenzene

Concen: 4.273 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

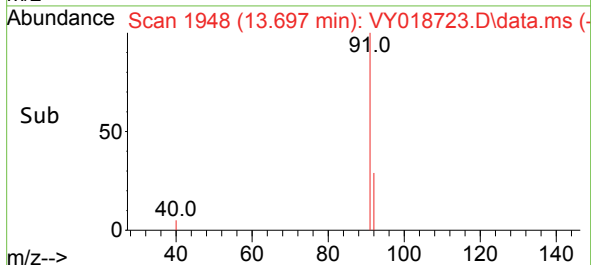
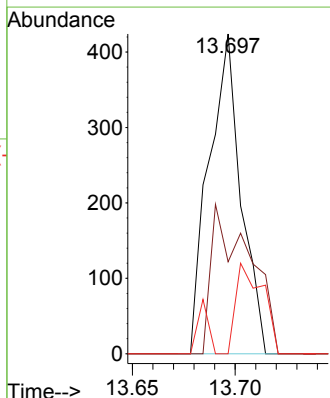
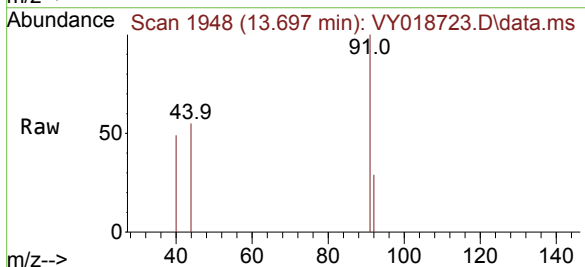
Tgt Ion: 91 Resp: 459

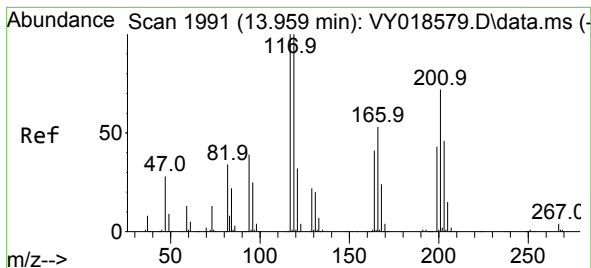
Ion Ratio Lower Upper

91 100

92 56.0 26.6 79.7

134 23.7 12.9 38.7





#90

Hexachloroethane

Concen: 2.171 ug/l

RT: 14.154 min Scan# 20

Delta R.T. 0.195 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Instrument :

MSVOA_Y

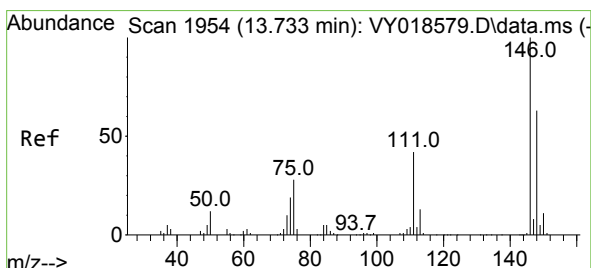
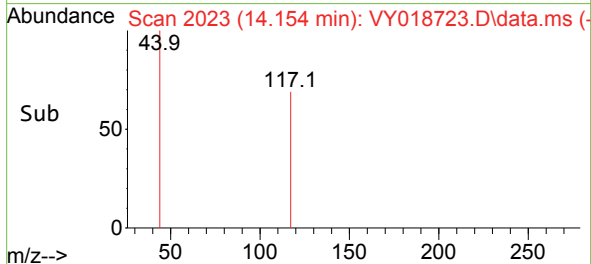
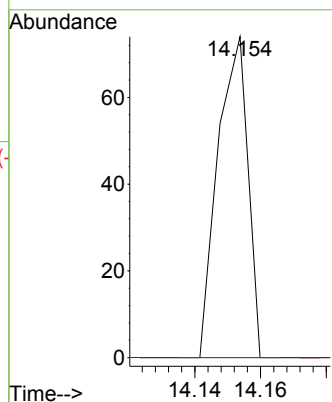
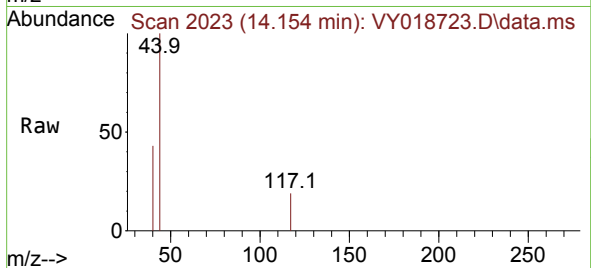
ClientSampleId :

Tgt Ion:117 Resp: 47

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#91

1,2-Dichlorobenzene

Concen: 6.724 ug/l

RT: 13.727 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

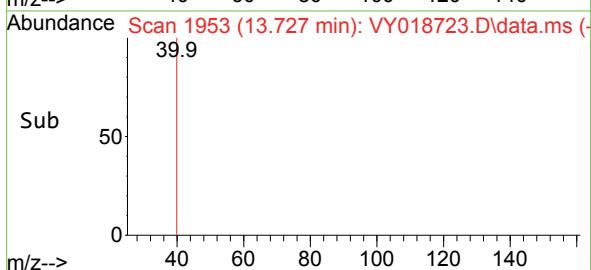
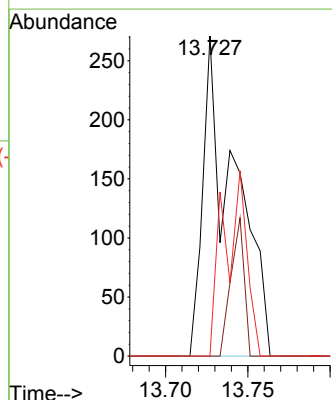
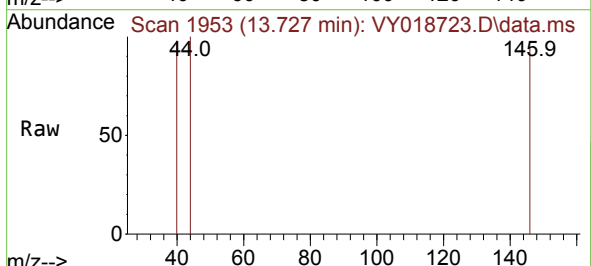
Tgt Ion:146 Resp: 360

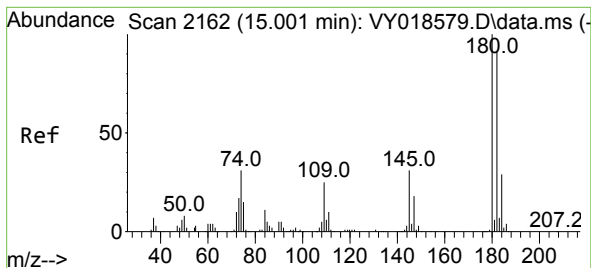
Ion Ratio Lower Upper

146 100

111 18.1 19.9 59.7#

148 42.2 31.8 95.4





#93

1,2,4-Trichlorobenzene

Concen: 15.321 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

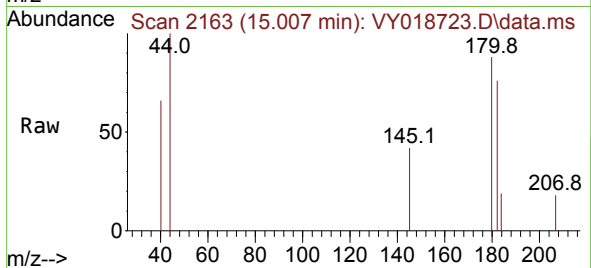
Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :



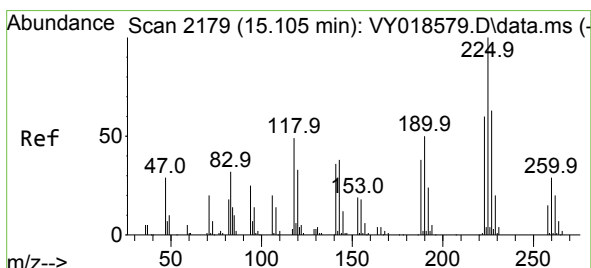
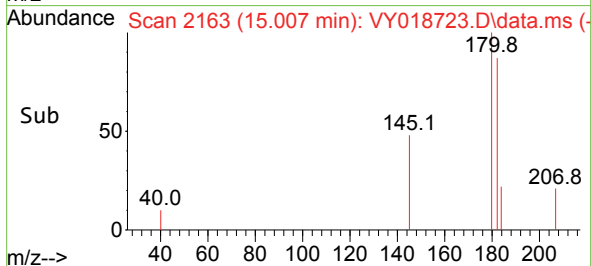
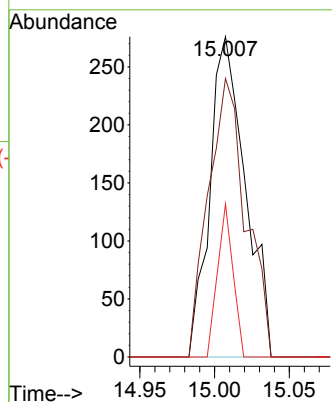
Tgt Ion:180 Resp: 457

Ion Ratio Lower Upper

180 100

182 91.9 47.9 143.8

145 20.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 9.461 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. 0.000 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

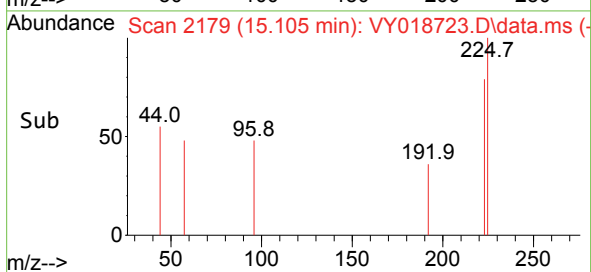
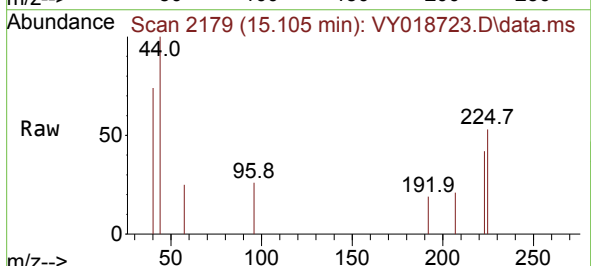
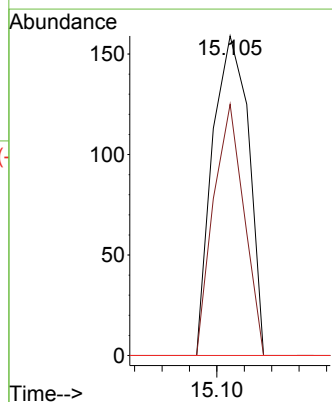
Tgt Ion:225 Resp: 145

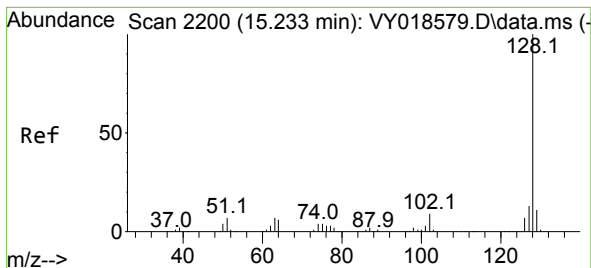
Ion Ratio Lower Upper

225 100

223 66.9 30.4 91.2

227 0.0 31.9 95.9#





#95

Naphthalene

Concen: 20.434 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

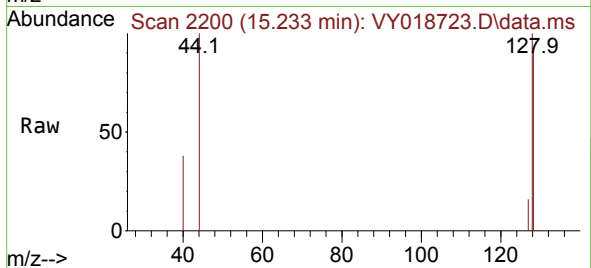
Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

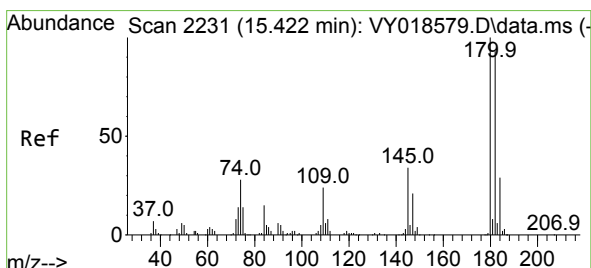
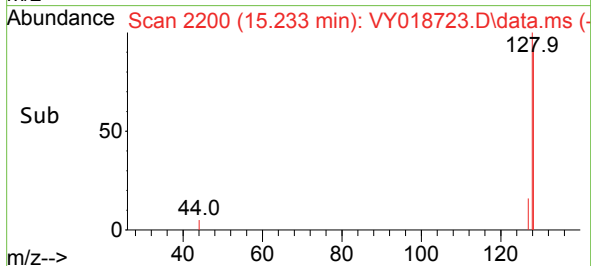
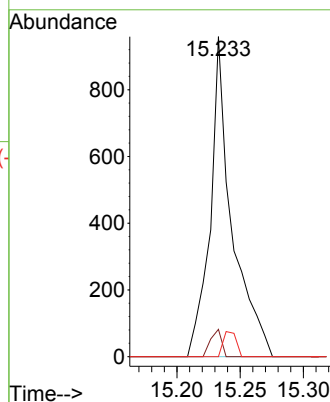
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	1139
Ion	Ratio	Lower	Upper
128	100		
127	4.3	10.6	16.0#
129	4.7	8.6	13.0#



#96

1,2,3-Trichlorobenzene

Concen: 18.887 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018723.D

Acq: 27 Jun 2024 17:01

Tgt Ion:	180	Resp:	476
Ion	Ratio	Lower	Upper
180	100		
182	106.5	47.6	142.9
145	28.4	15.4	46.1

