

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018607.D
 Acq On : 17 Jun 2024 13:59
 Operator : SY/MD
 Sample : VY0617SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 01:22:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	133657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	231942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	207169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97385	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76900	57.147	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.300%	
35) Dibromofluoromethane	7.704	113	77507	54.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.560%	
50) Toluene-d8	10.173	98	303081	55.702	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.400%	
62) 4-Bromofluorobenzene	12.477	95	95184	55.399	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	16098	18.287	ug/l	99
3) Chloromethane	2.101	50	35714	19.698	ug/l	99
4) Vinyl Chloride	2.235	62	44593	19.861	ug/l	97
5) Bromomethane	2.625	94	31780	19.043	ug/l	98
6) Chloroethane	2.772	64	28758	19.552	ug/l	98
7) Trichlorofluoromethane	3.101	101	52254	21.612	ug/l	94
8) Diethyl Ether	3.515	74	13475	19.546	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.875	101	26002	20.583	ug/l	94
10) Methyl Iodide	4.070	142	20699	14.057	ug/l	100
11) Tert butyl alcohol	4.936	59	15198	62.789	ug/l #	87
12) 1,1-Dichloroethene	3.851	96	23341	18.385	ug/l	91
13) Acrolein	3.711	56	6295	80.895	ug/l	100
14) Allyl chloride	4.454	41	34944	20.417	ug/l	95
15) Acrylonitrile	5.143	53	30328	98.890	ug/l	98
16) Acetone	3.930	43	22970	83.901	ug/l #	86
17) Carbon Disulfide	4.174	76	52076	15.144	ug/l	95
18) Methyl Acetate	4.460	43	13567	19.537	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	64609	19.078	ug/l	97
20) Methylene Chloride	4.692	84	42900	20.061	ug/l #	90
21) trans-1,2-Dichloroethene	5.198	96	25843	17.882	ug/l	95
22) Diisopropyl ether	6.100	45	82650	21.391	ug/l	95
23) Vinyl Acetate	6.045	43	250527	81.866	ug/l	96
24) 1,1-Dichloroethane	6.003	63	48898	19.644	ug/l	98
25) 2-Butanone	6.972	43	39562	96.404	ug/l	89
26) 2,2-Dichloropropane	6.960	77	38966	18.580	ug/l	98
27) cis-1,2-Dichloroethene	6.966	96	32856	18.822	ug/l	96
28) Bromochloromethane	7.314	49	22724	22.272	ug/l	83
29) Tetrahydrofuran	7.338	42	26450	105.027	ug/l	88
30) Chloroform	7.490	83	52585	19.384	ug/l	95
31) Cyclohexane	7.771	56	40266	19.535	ug/l	96
32) 1,1,1-Trichloroethane	7.692	97	43327	18.800	ug/l	96
36) 1,1-Dichloropropene	7.905	75	37048	19.023	ug/l	94
37) Ethyl Acetate	7.058	43	18779	20.455	ug/l	96
38) Carbon Tetrachloride	7.893	117	37583	18.394	ug/l	90
39) Methylcyclohexane	9.173	83	45484	19.060	ug/l	94
40) Benzene	8.149	78	111810	18.564	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	9418	20.397	ug/l	90
42) 1,2-Dichloroethane	8.228	62	29673	18.884	ug/l	100
43) Isopropyl Acetate	8.265	43	35627	20.791	ug/l	93
44) Trichloroethene	8.929	130	27370	17.357	ug/l	83
45) 1,2-Dichloropropane	9.203	63	27014	19.615	ug/l	96
46) Dibromomethane	9.301	93	15907	18.614	ug/l	91
47) Bromodichloromethane	9.490	83	39896	19.561	ug/l	100
48) Methyl methacrylate	9.283	41	14372	18.630	ug/l	92
49) 1,4-Dioxane	9.289	88	4034	358.930	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	91722	101.620	ug/l	96
52) Toluene	10.240	92	73562	19.023	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	33490	18.789	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	41193	19.151	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	20990	18.467	ug/l	92
56) Ethyl methacrylate	10.502	69	27905	18.762	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	36886	19.536	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	70938	98.795	ug/l	95
59) 2-Hexanone	10.825	43	63219	99.992	ug/l	92
60) Dibromochloromethane	10.984	129	26041	18.443	ug/l	98
61) 1,2-Dibromoethane	11.087	107	18904	17.996	ug/l	99
64) Tetrachloroethene	10.715	164	27381	18.531	ug/l	98
65) Chlorobenzene	11.514	112	80746	18.867	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	25966	18.105	ug/l	99
67) Ethyl Benzene	11.587	91	140953	18.982	ug/l	95
68) m/p-Xylenes	11.697	106	109574	37.921	ug/l	99
69) o-Xylene	12.026	106	51587	18.566	ug/l	99
70) Styrene	12.038	104	86563	18.858	ug/l	99
71) Bromoform	12.203	173	13902	17.666	ug/l #	97
73) Isopropylbenzene	12.325	105	134991	18.982	ug/l	100
74) N-amyl acetate	12.142	43	31517	21.643	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	25138	19.908	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	30431	33.312	ug/l #	100
77) Bromobenzene	12.605	156	29033	17.654	ug/l	90
78) n-propylbenzene	12.666	91	164756	19.797	ug/l	99
79) 2-Chlorotoluene	12.752	91	92716	19.736	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	107502	19.074	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	6926	19.859	ug/l #	85
82) 4-Chlorotoluene	12.849	91	93196	19.700	ug/l	99
83) tert-Butylbenzene	13.069	119	99247	19.026	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	108576	19.274	ug/l	99
85) sec-Butylbenzene	13.245	105	149457	20.089	ug/l	100
86) p-Isopropyltoluene	13.367	119	121748	19.303	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	61512	18.544	ug/l	98
88) 1,4-Dichlorobenzene	13.441	146	61025	18.748	ug/l	96
89) n-Butylbenzene	13.690	91	117401	20.651	ug/l	99
90) Hexachloroethane	13.959	117	23062	20.128	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	54851	19.357	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3348	18.311	ug/l	87
93) 1,2,4-Trichlorobenzene	15.001	180	29390	18.617	ug/l	98
94) Hexachlorobutadiene	15.105	225	16119	19.872	ug/l	96
95) Naphthalene	15.233	128	54681	18.535	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	24544	18.400	ug/l	99

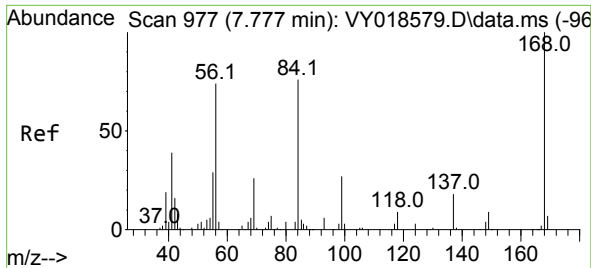
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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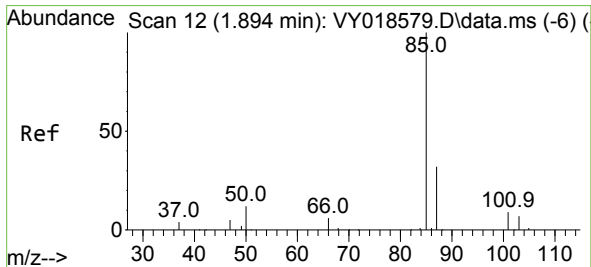
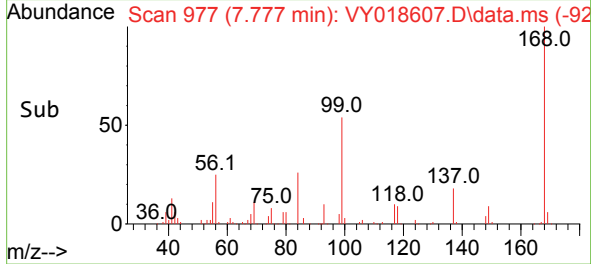
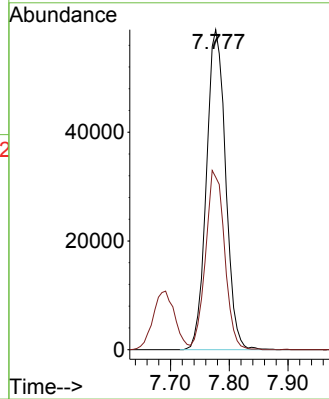
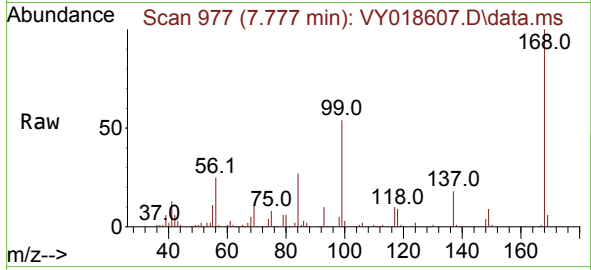
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

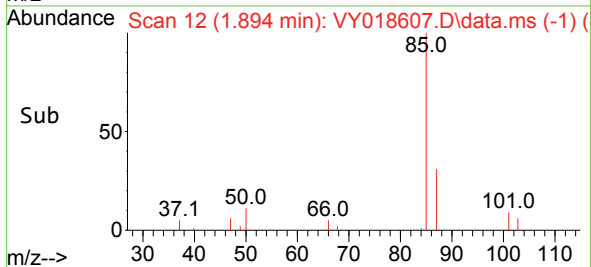
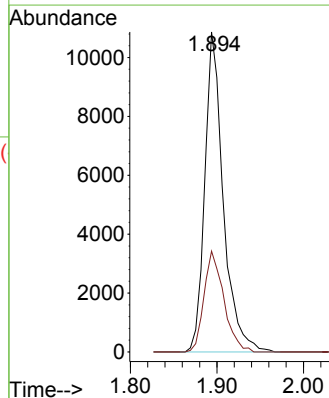
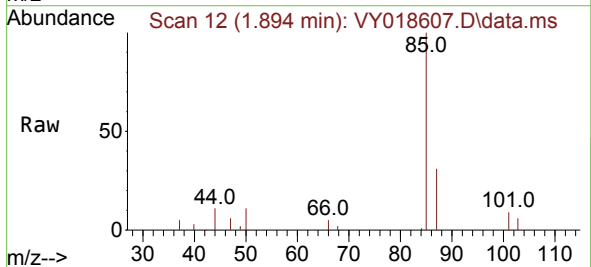
Instrument :
MSVOA_Y
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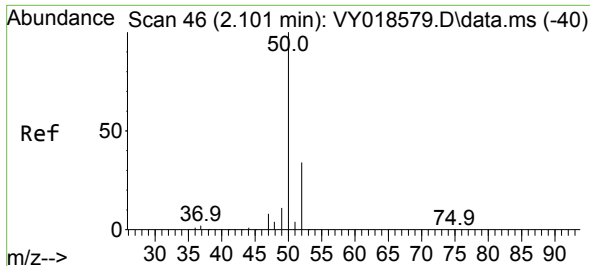
Tgt Ion:168 Resp: 133657
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 18.287 ug/l
RT: 1.894 min Scan# 12
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 85 Resp: 16098
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0

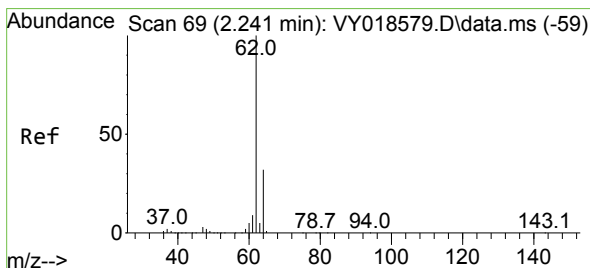
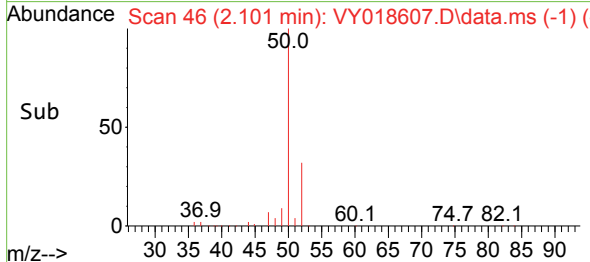
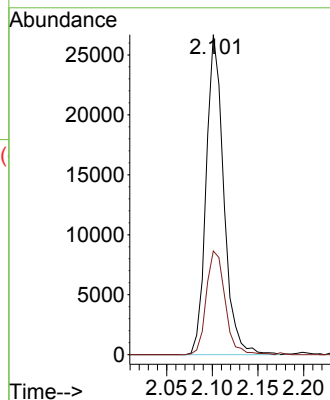
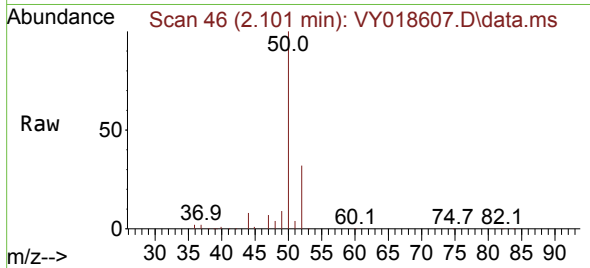




#3
Chloromethane
Concen: 19.698 ug/l
RT: 2.101 min Scan# 40
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

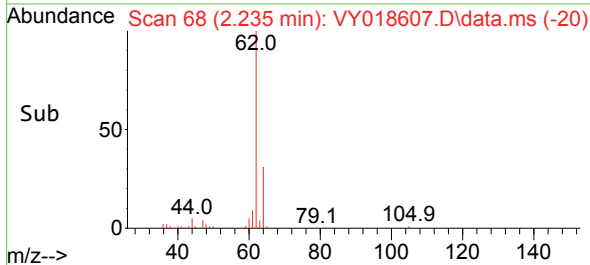
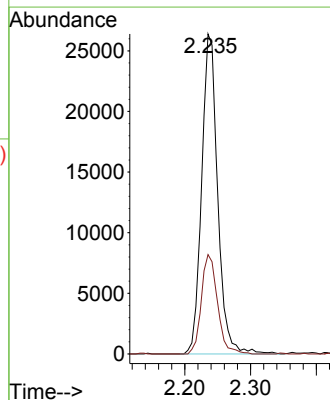
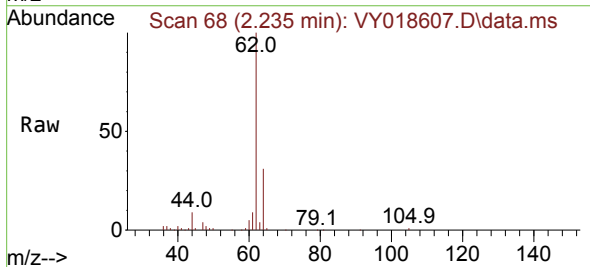
Instrument :
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ClientSampleId :

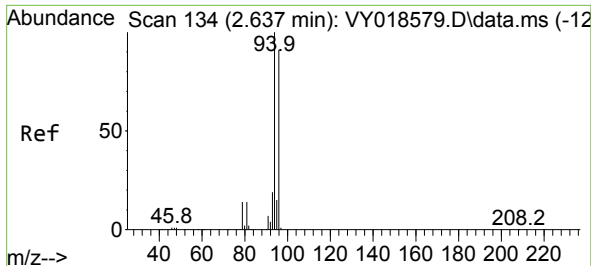
Tgt Ion: 50 Resp: 35714
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4



#4
Vinyl Chloride
Concen: 19.861 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 62 Resp: 44593
Ion Ratio Lower Upper
62 100
64 31.0 26.1 39.1

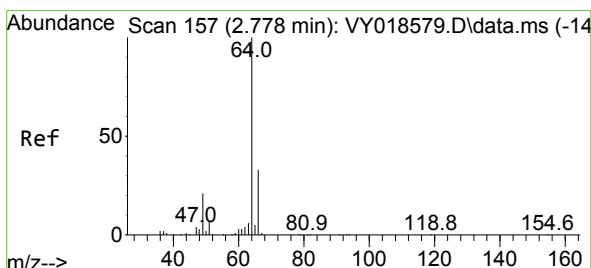
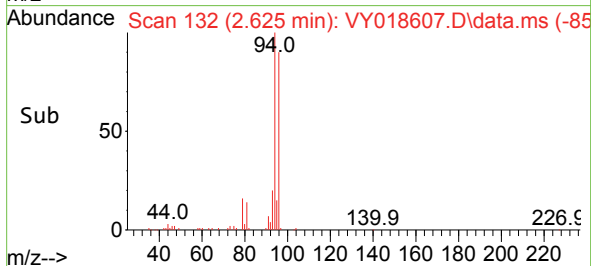
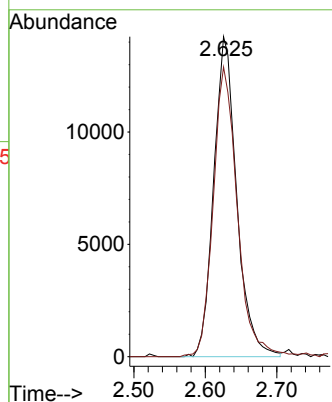
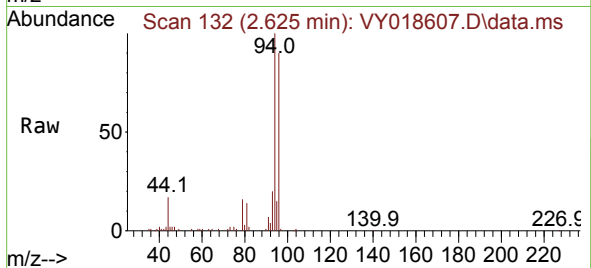




#5
Bromomethane
Concen: 19.043 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

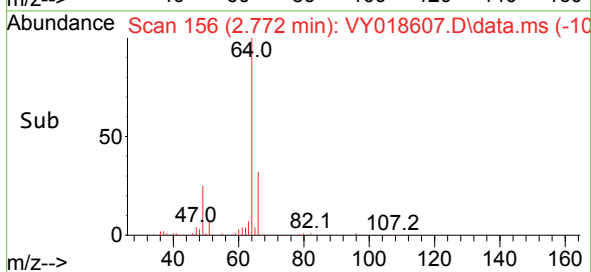
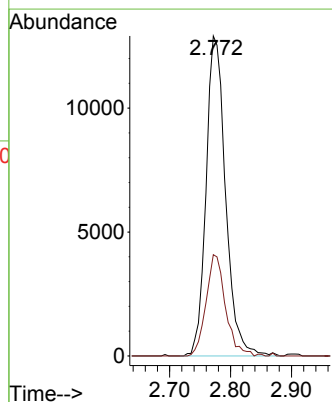
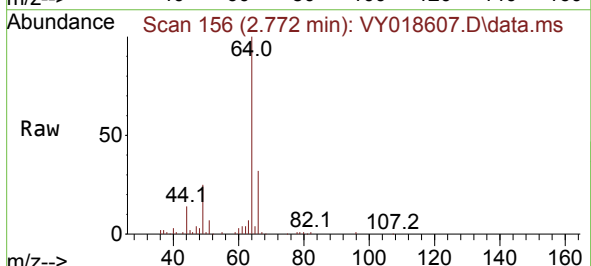
Instrument :
MSVOA_Y
ClientSampleId :

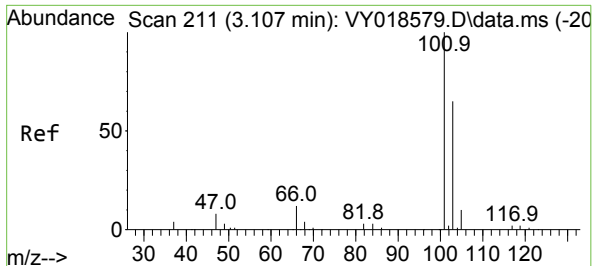
Tgt Ion: 94 Resp: 31780
Ion Ratio Lower Upper
94 100
96 90.5 74.1 111.1



#6
Chloroethane
Concen: 19.552 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 64 Resp: 28758
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1

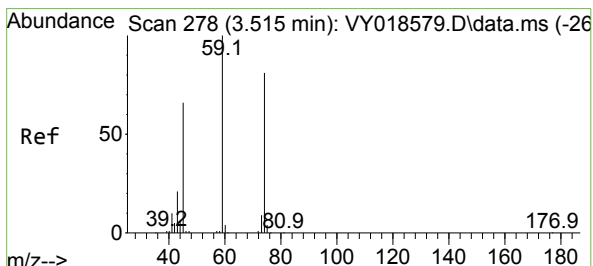
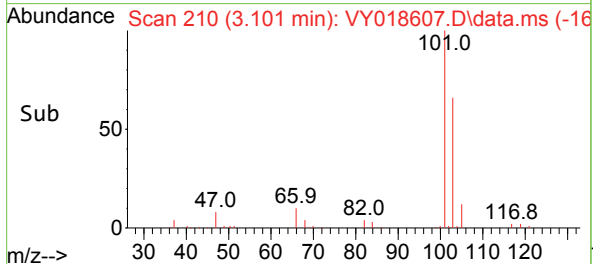
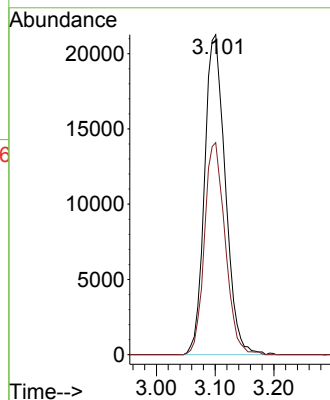
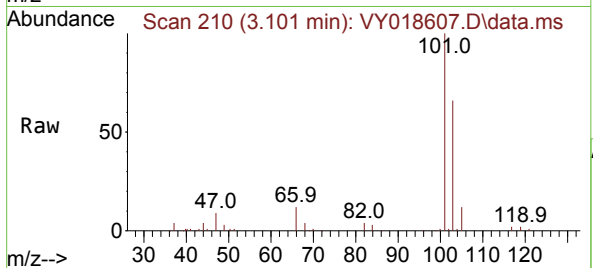




#7
Trichlorofluoromethane
Concen: 21.612 ug/l
RT: 3.101 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY018607.D
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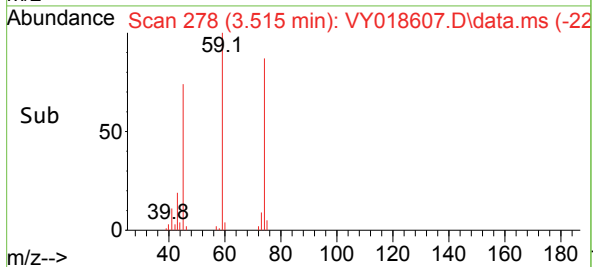
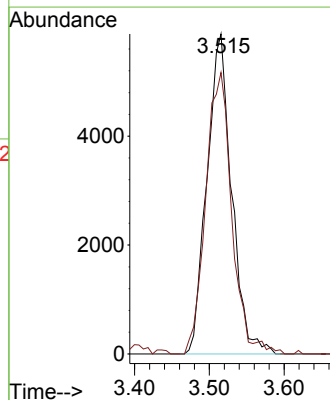
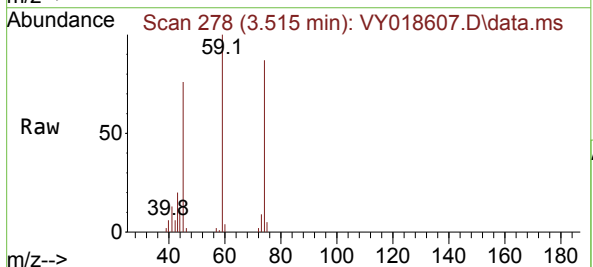
Instrument :
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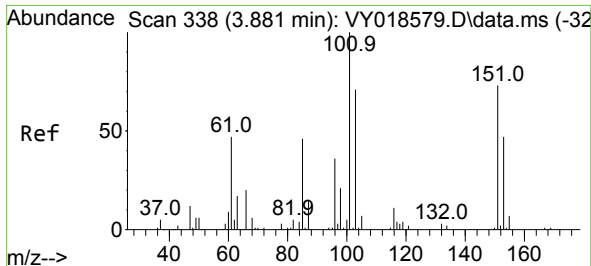
Tgt Ion:101 Resp: 52254
Ion Ratio Lower Upper
101 100
103 66.2 49.3 73.9



#8
Diethyl Ether
Concen: 19.546 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 74 Resp: 13475
Ion Ratio Lower Upper
74 100
45 92.9 41.3 124.1

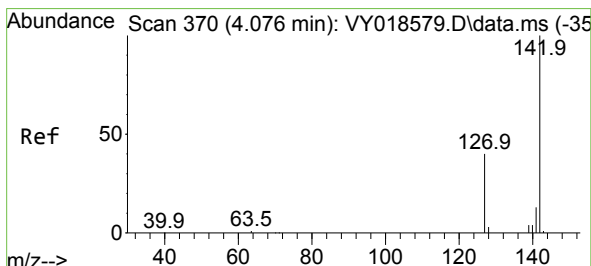
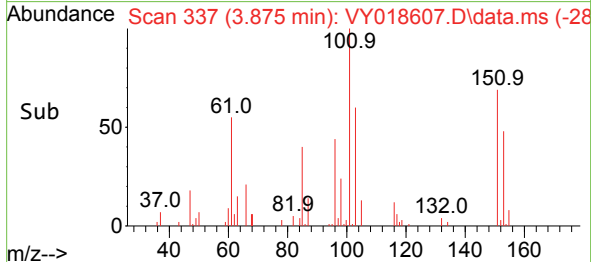
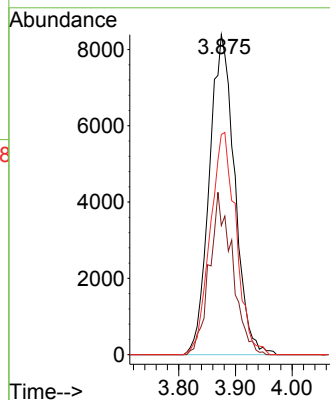
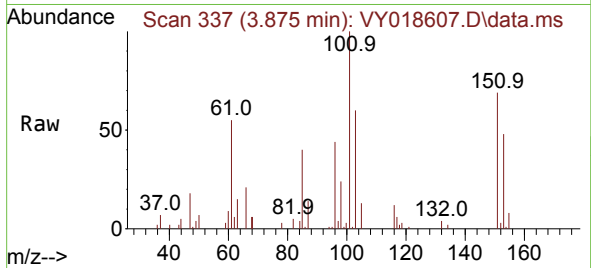




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.583 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018607.D
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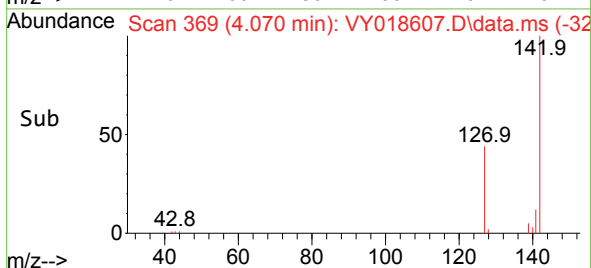
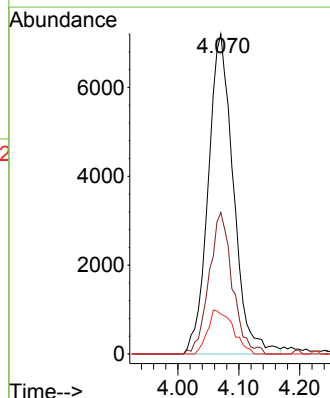
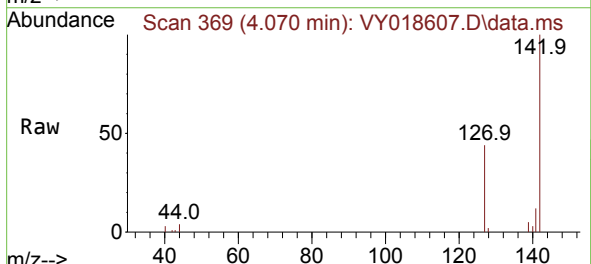
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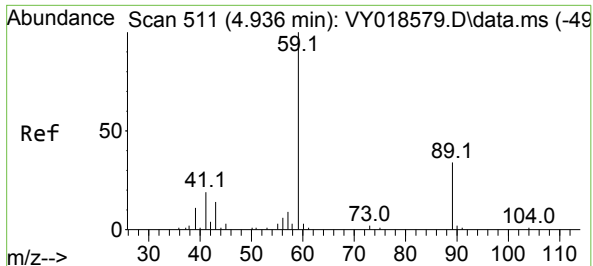
Tgt Ion	101	Resp	26002
Ion	Ratio	Lower	Upper
101	100		
85	46.1	34.5	51.7
151	70.8	61.7	92.5



#10
Methyl Iodide
Concen: 14.057 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion	142	Resp	20699
Ion	Ratio	Lower	Upper
142	100		
127	41.0	32.8	49.2
141	13.8	11.4	17.2

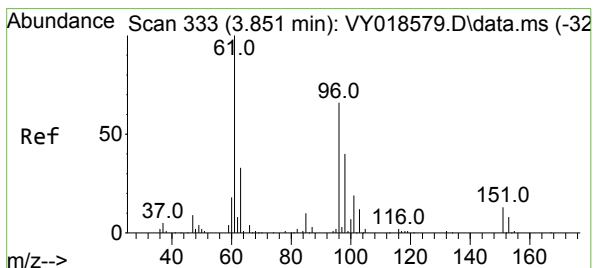
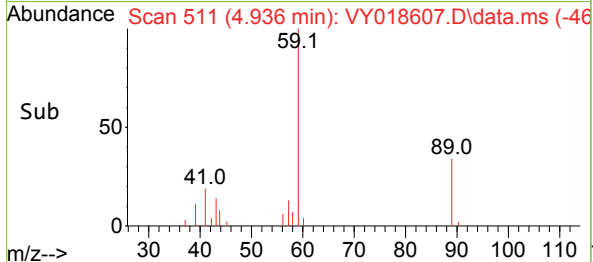
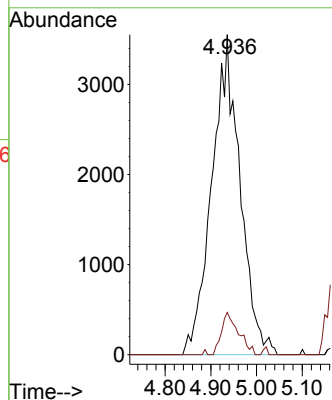
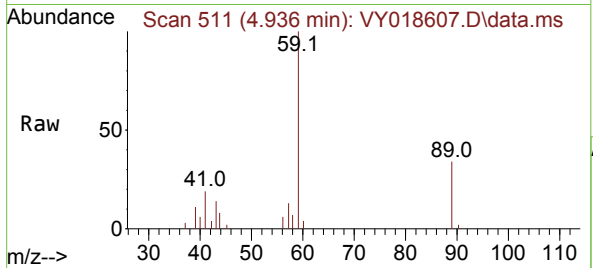




#11
Tert butyl alcohol
Concen: 62.789 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

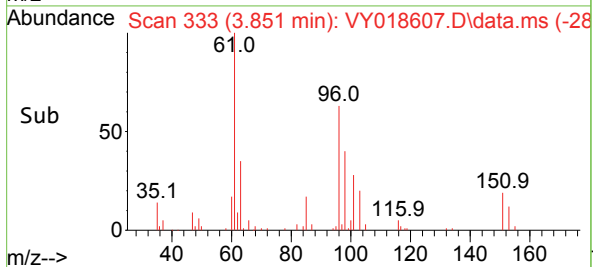
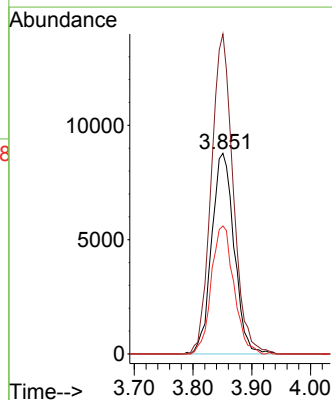
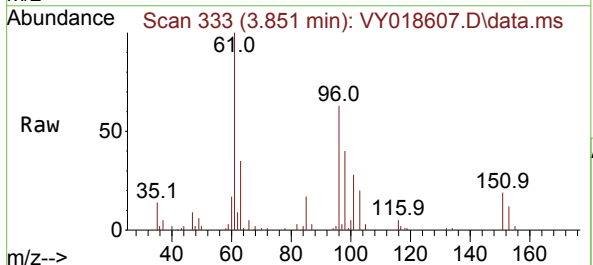
Instrument :
MSVOA_Y
ClientSampleId :

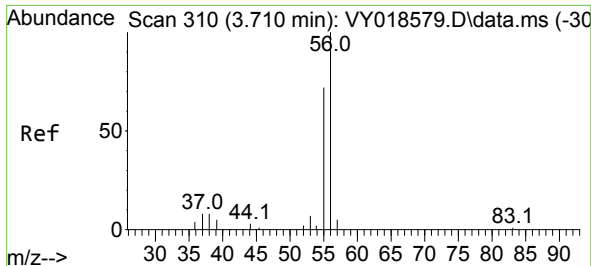
Tgt Ion: 59 Resp: 15198
Ion Ratio Lower Upper
59 100
57 8.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.385 ug/l
RT: 3.851 min Scan# 333
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 96 Resp: 23341
Ion Ratio Lower Upper
96 100
61 159.5 114.6 171.8
98 63.8 50.8 76.2





#13

Acrolein

Concen: 80.895 ug/l

RT: 3.711 min Scan# 31

Delta R.T. 0.001 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

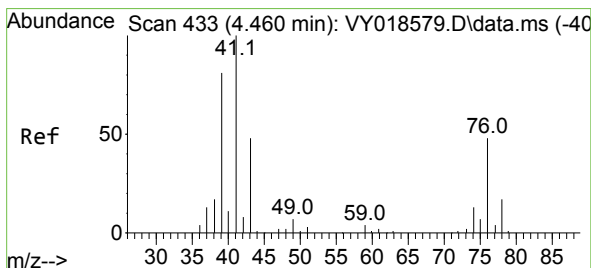
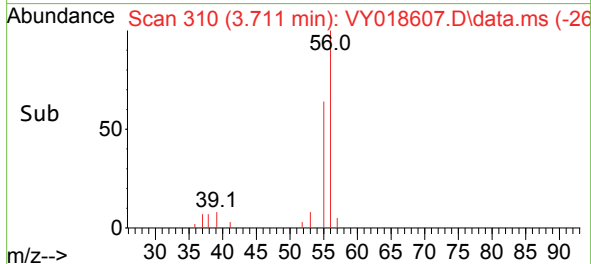
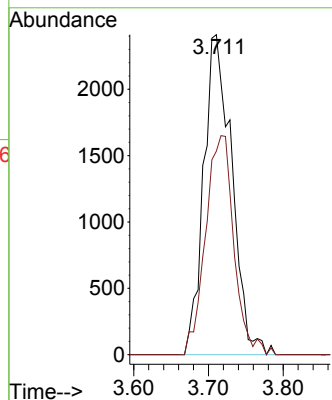
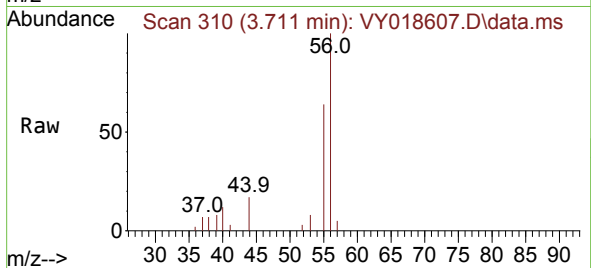
ClientSampleId :

Tgt Ion: 56 Resp: 6295

Ion Ratio Lower Upper

56 100

55 69.2 55.7 83.5



#14

Allyl chloride

Concen: 20.417 ug/l

RT: 4.454 min Scan# 432

Delta R.T. -0.006 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

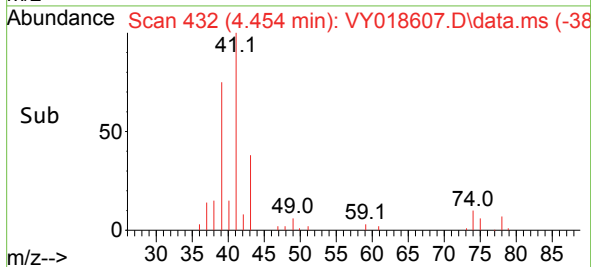
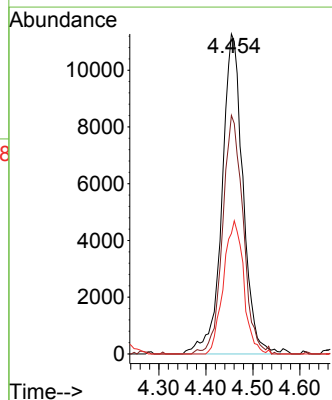
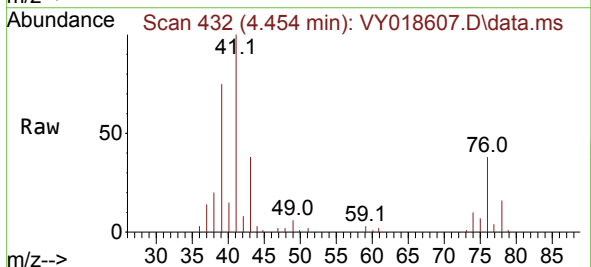
Tgt Ion: 41 Resp: 34944

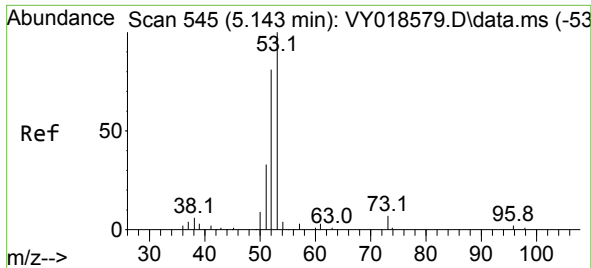
Ion Ratio Lower Upper

41 100

39 72.9 58.3 87.5

76 40.2 39.0 58.6





#15

Acrylonitrile

Concen: 98.890 ug/l

RT: 5.143 min Scan# 54

Delta R.T. 0.000 min

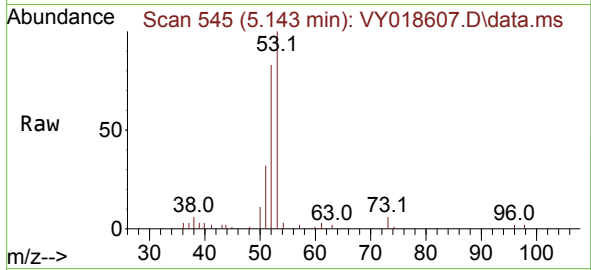
Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :



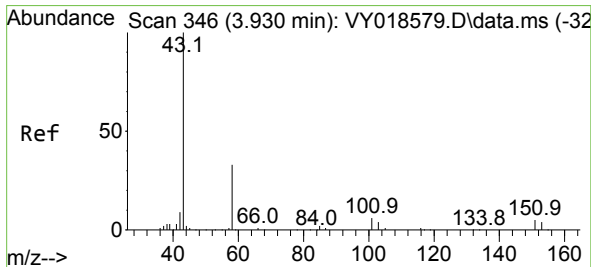
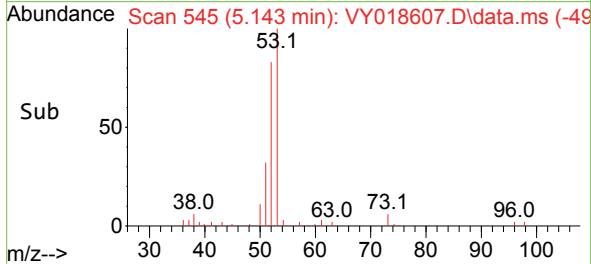
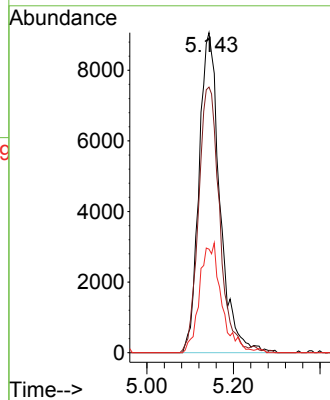
Tgt Ion: 53 Resp: 30328

Ion Ratio Lower Upper

53 100

52 83.2 64.7 97.1

51 36.0 28.4 42.6



#16

Acetone

Concen: 83.901 ug/l

RT: 3.930 min Scan# 346

Delta R.T. 0.000 min

Lab File: VY018607.D

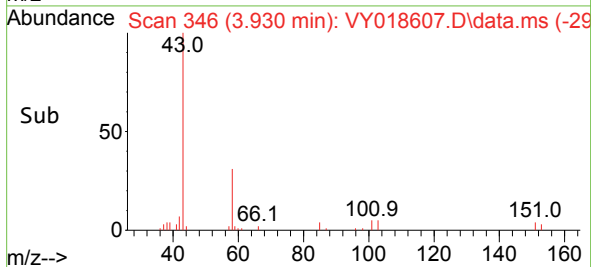
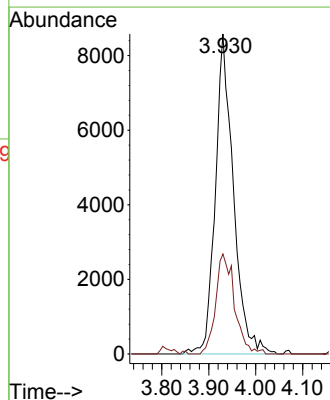
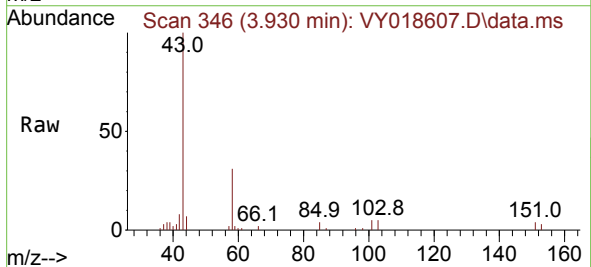
Acq: 17 Jun 2024 13:59

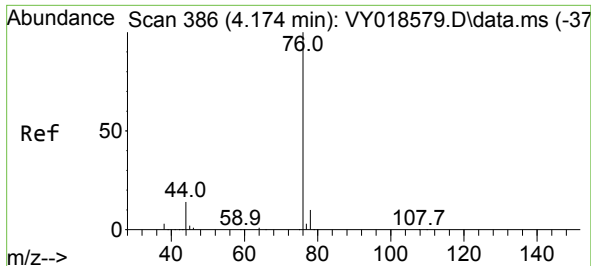
Tgt Ion: 43 Resp: 22970

Ion Ratio Lower Upper

43 100

58 31.2 31.7 47.5#

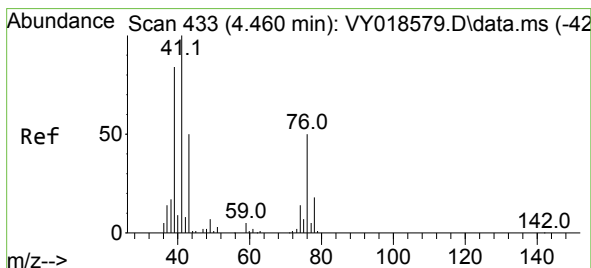
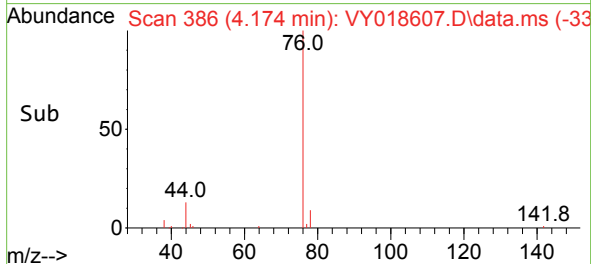
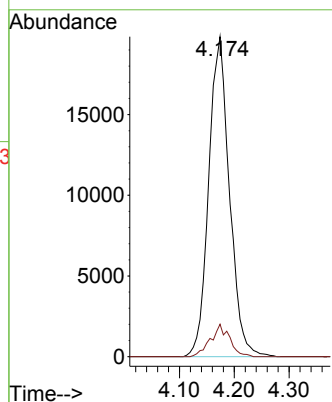
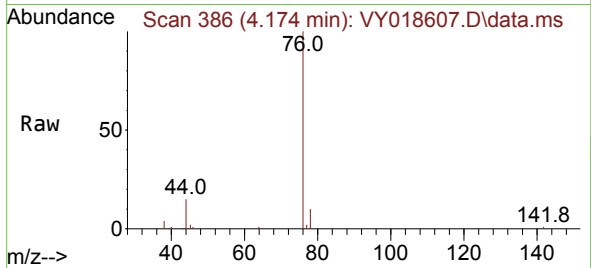




#17
Carbon Disulfide
Concen: 15.144 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

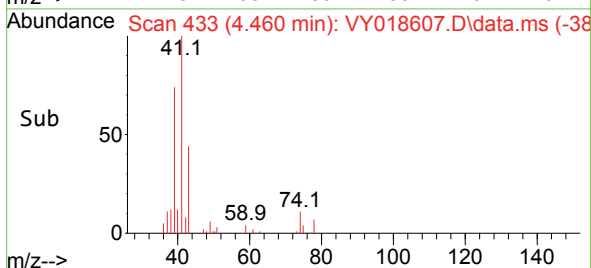
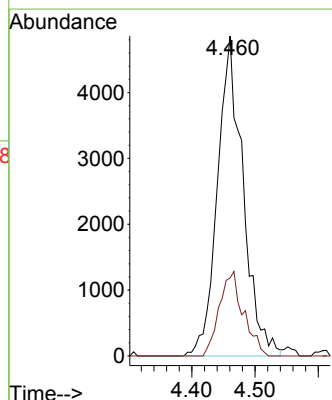
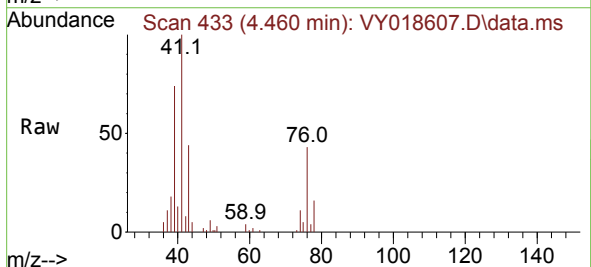
Instrument :
MSVOA_Y
ClientSampleId :

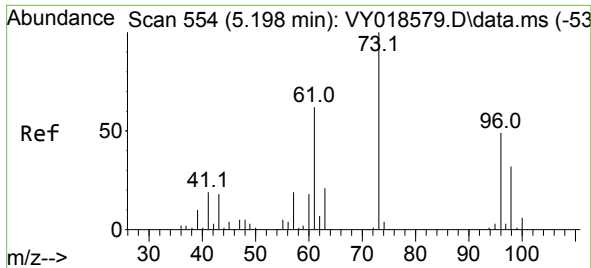
Tgt Ion: 76 Resp: 52076
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2



#18
Methyl Acetate
Concen: 19.537 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 43 Resp: 13567
Ion Ratio Lower Upper
43 100
74 24.9 23.3 34.9

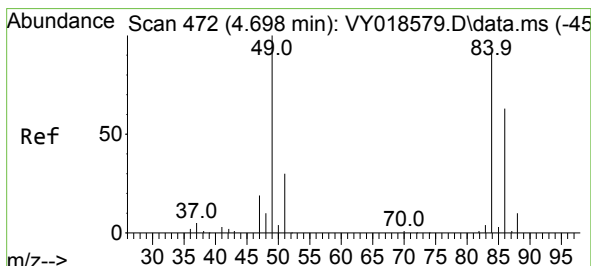
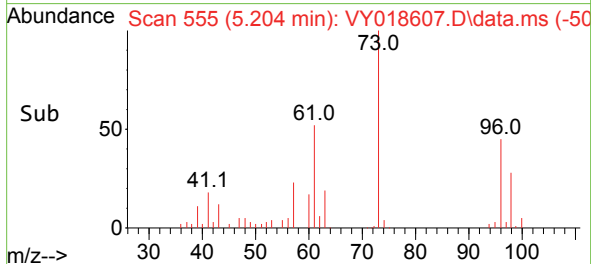
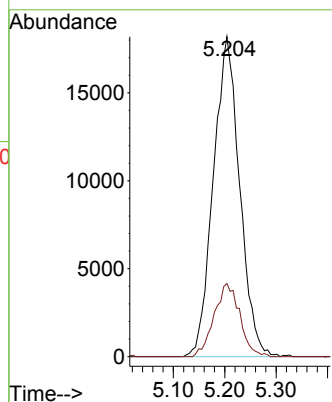
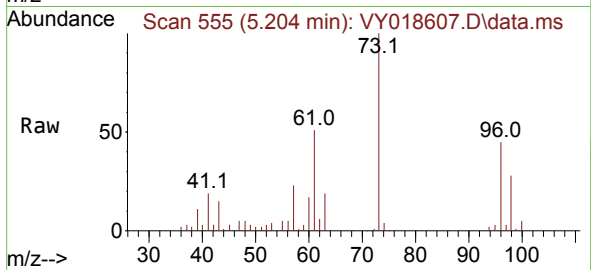




#19
Methyl tert-butyl Ether
Concen: 19.078 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

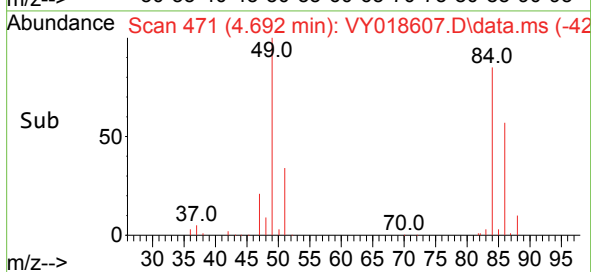
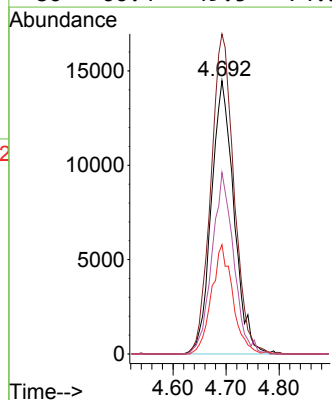
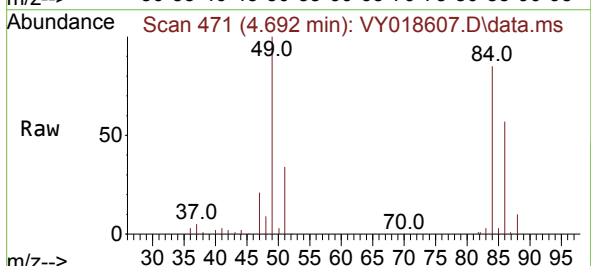
Instrument :
MSVOA_Y
ClientSampleId :

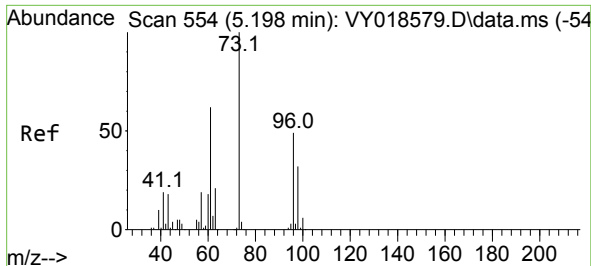
Tgt Ion: 73 Resp: 64609
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9



#20
Methylene Chloride
Concen: 20.061 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

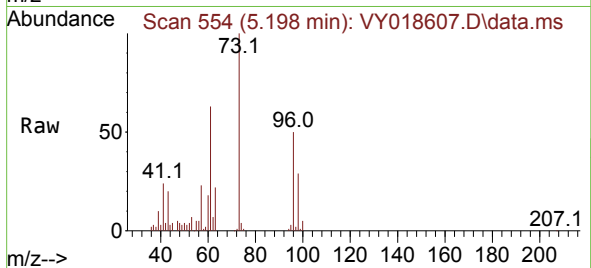
Tgt Ion: 84 Resp: 42900
Ion Ratio Lower Upper
84 100
49 117.1 84.4 126.6
51 40.0 26.0 39.0#
86 66.4 49.5 74.3



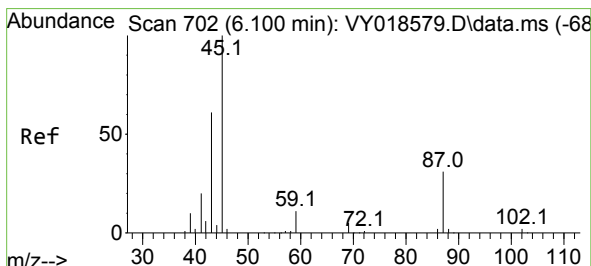
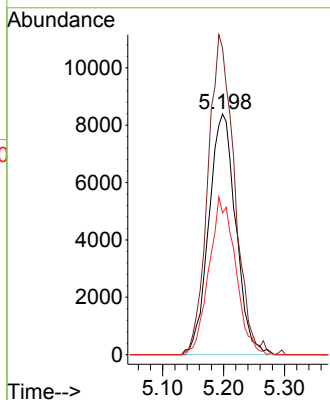
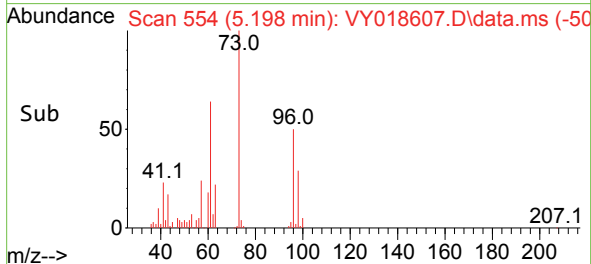


#21
trans-1,2-Dichloroethene
Concen: 17.882 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

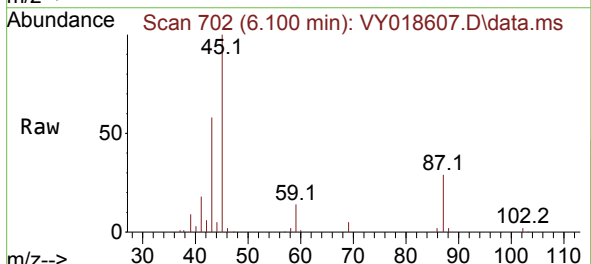
Instrument :
MSVOA_Y
ClientSampleId :



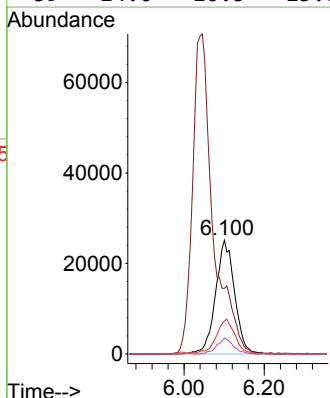
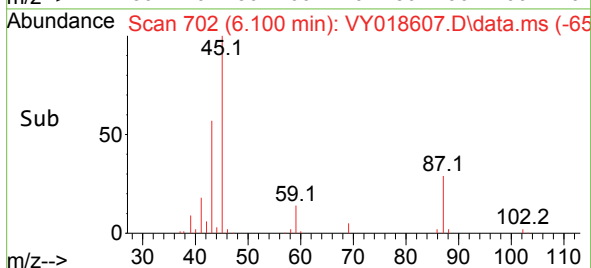
Tgt Ion: 96 Resp: 25843
Ion Ratio Lower Upper
96 100
61 127.4 97.5 146.3
98 58.8 50.5 75.7

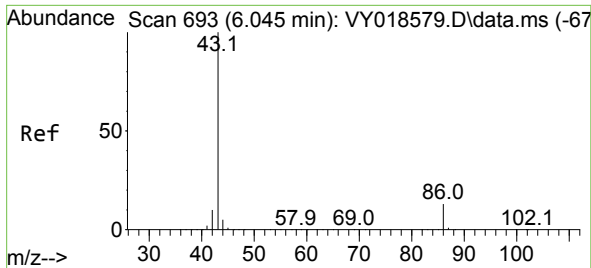


#22
Diisopropyl ether
Concen: 21.391 ug/l
RT: 6.100 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59



Tgt Ion: 45 Resp: 82650
Ion Ratio Lower Upper
45 100
43 56.8 42.2 63.2
87 29.0 25.0 37.6
59 14.0 10.5 15.7

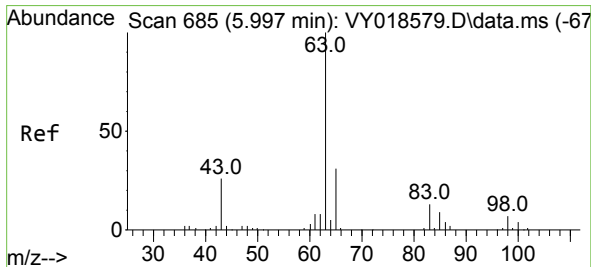
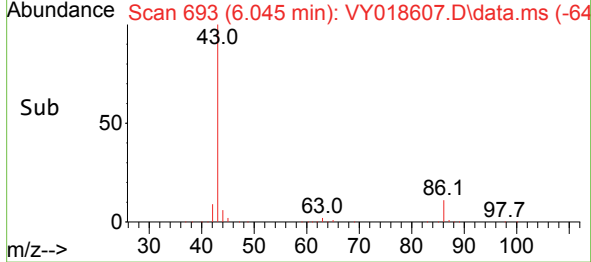
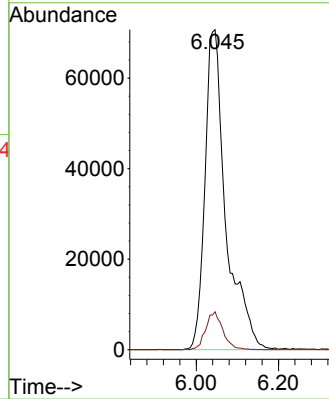
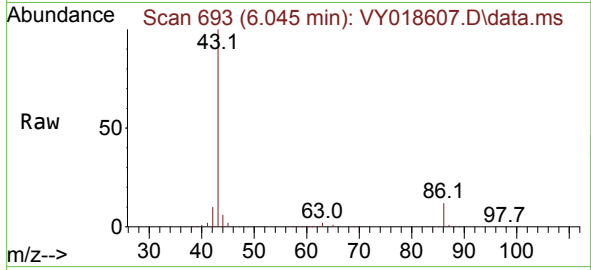




#23
 Vinyl Acetate
 Concen: 81.866 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018607.D
 Acq: 17 Jun 2024 13:59

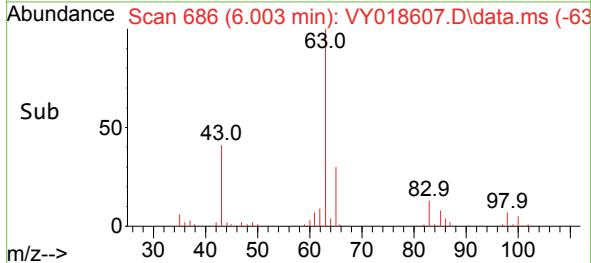
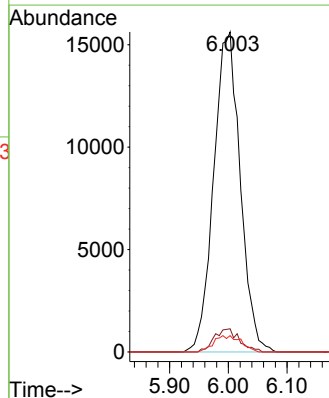
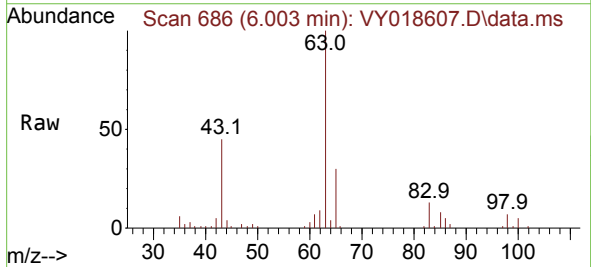
Instrument :
 MSVOA_Y
 ClientSampleId :

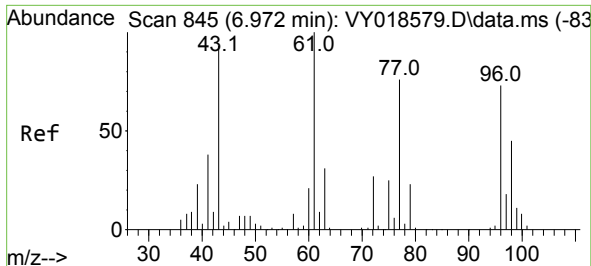
Tgt Ion: 43 Resp: 250527
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.644 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: VY018607.D
 Acq: 17 Jun 2024 13:59

Tgt Ion: 63 Resp: 48898
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 5.1 2.6 8.0

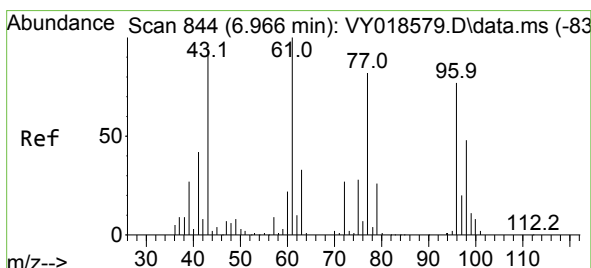
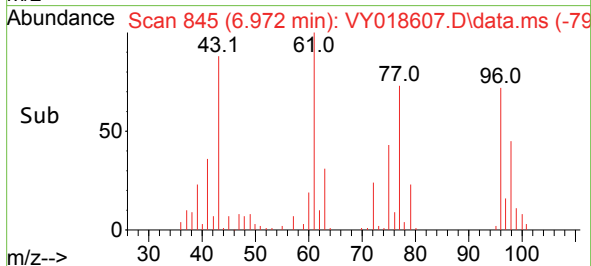
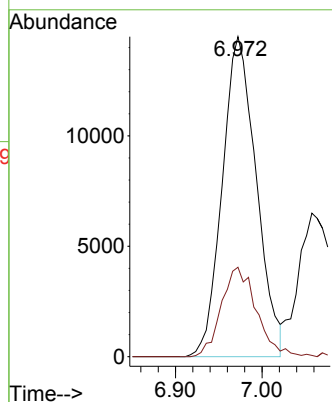
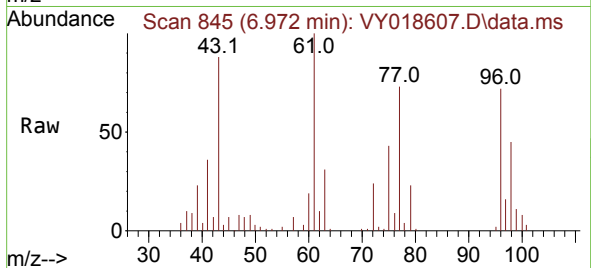




#25
2-Butanone
Concen: 96.404 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

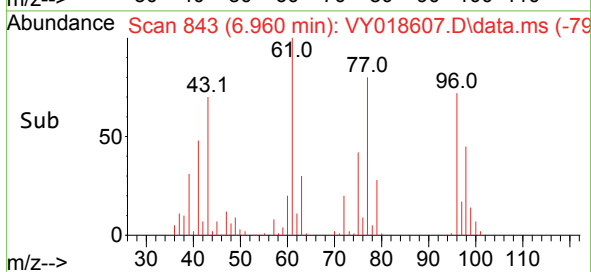
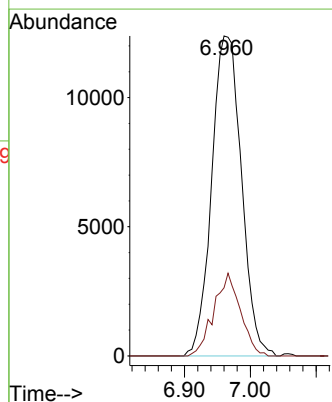
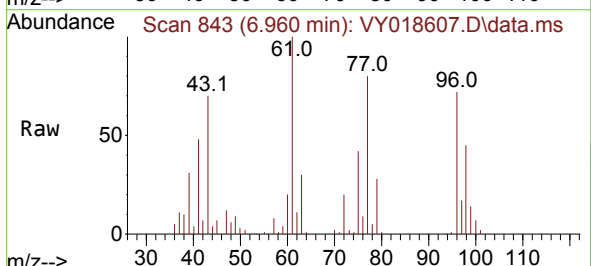
Instrument :
MSVOA_Y
ClientSampleId :

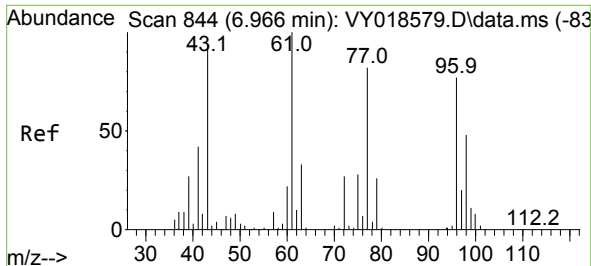
Tgt Ion: 43 Resp: 39562
Ion Ratio Lower Upper
43 100
72 27.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 18.580 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 77 Resp: 38966
Ion Ratio Lower Upper
77 100
97 23.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 18.822 ug/l

RT: 6.966 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

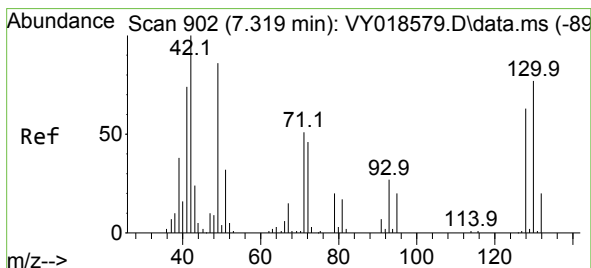
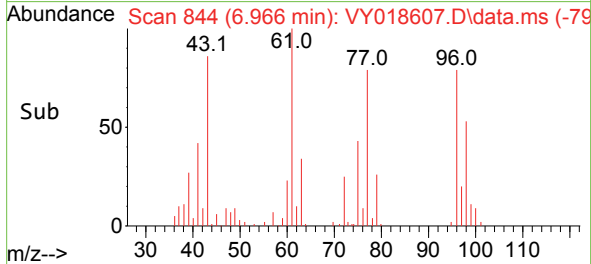
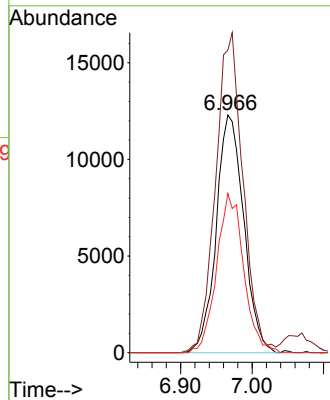
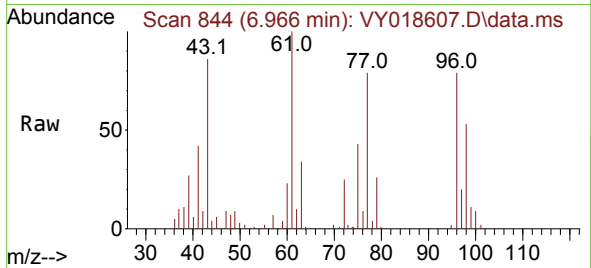
Tgt Ion: 96 Resp: 32856

Ion Ratio Lower Upper

96 100

61 134.1 0.0 256.2

98 65.8 0.0 130.0



#28

Bromochloromethane

Concen: 22.272 ug/l

RT: 7.314 min Scan# 901

Delta R.T. -0.006 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

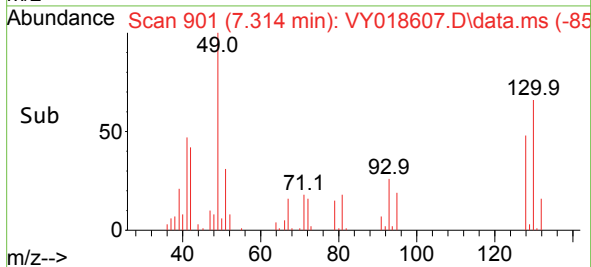
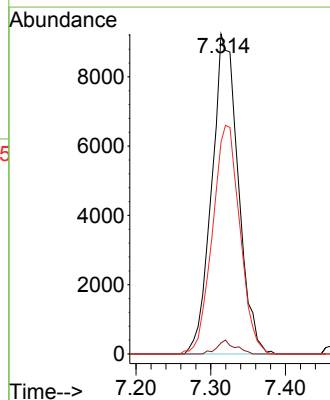
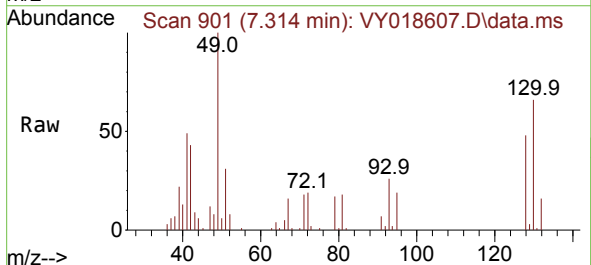
Tgt Ion: 49 Resp: 22724

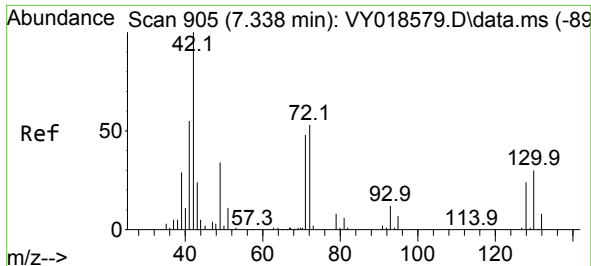
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 74.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 105.027 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018607.D

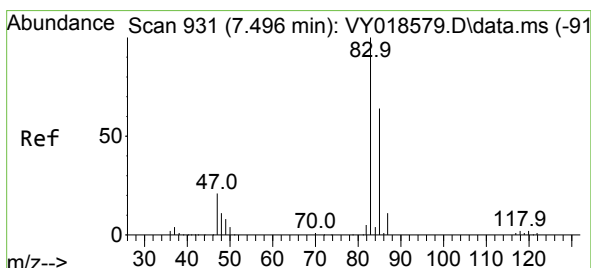
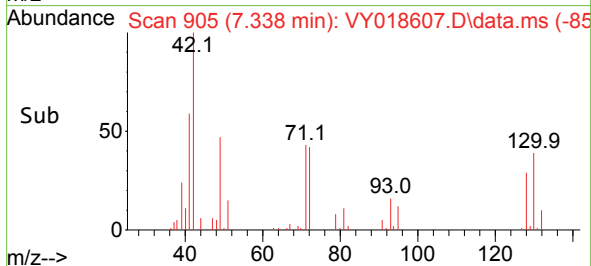
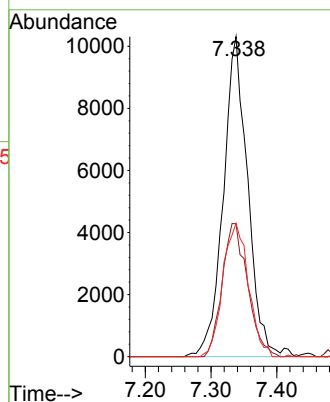
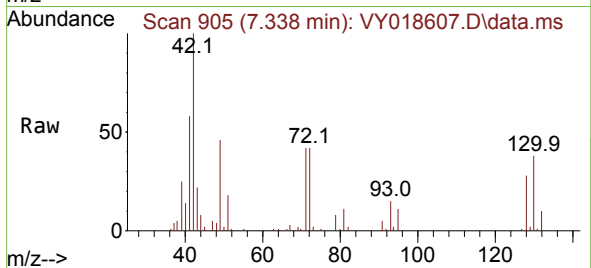
Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	26450
Ion	Ratio	Lower	Upper
42	100		
72	43.6	43.0	64.4
71	44.1	40.8	61.2



#30

Chloroform

Concen: 19.384 ug/l

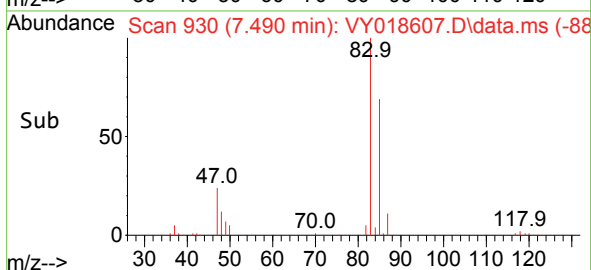
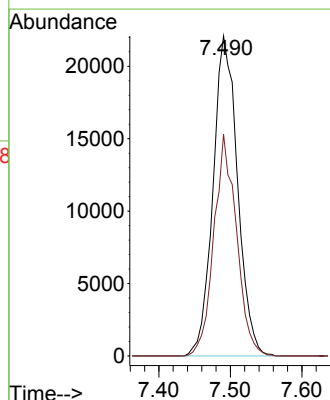
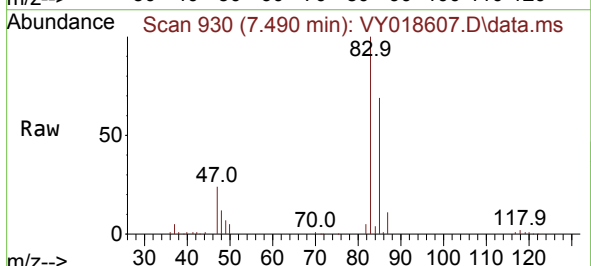
RT: 7.490 min Scan# 930

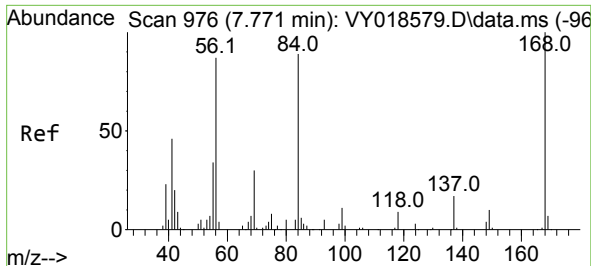
Delta R.T. -0.006 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

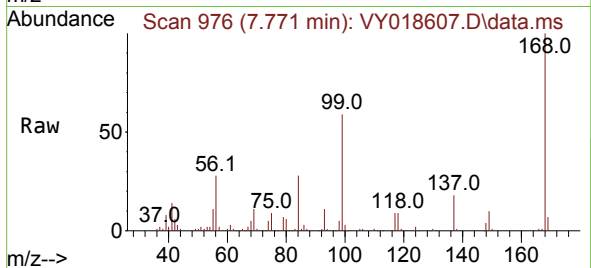
Tgt Ion:	83	Resp:	52585
Ion	Ratio	Lower	Upper
83	100		
85	69.3	52.2	78.4



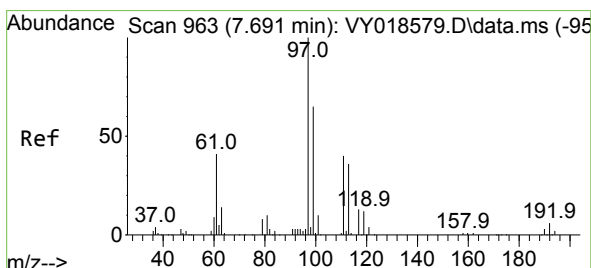
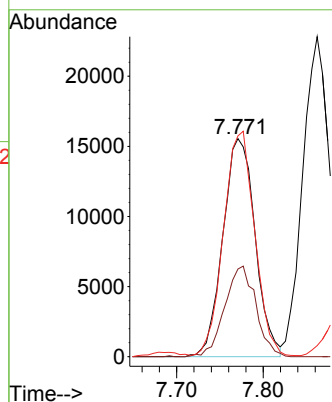
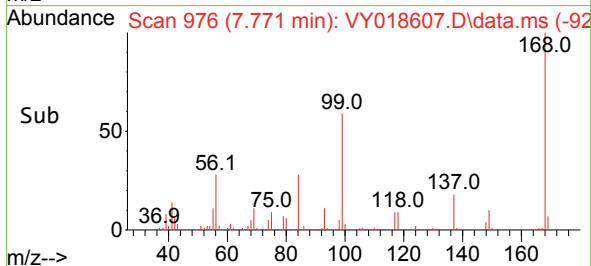


#31
Cyclohexane
Concen: 19.535 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

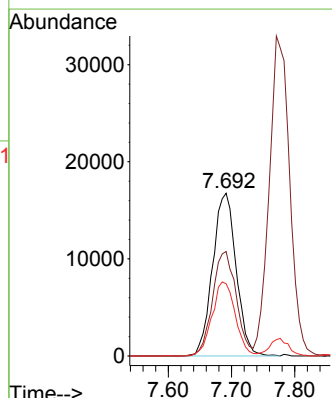
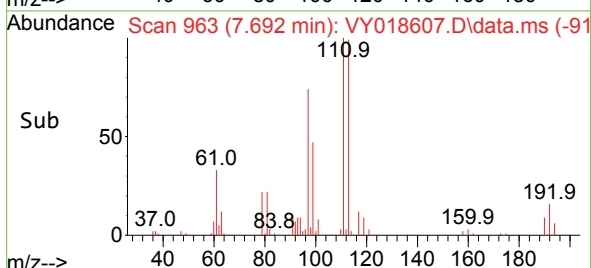
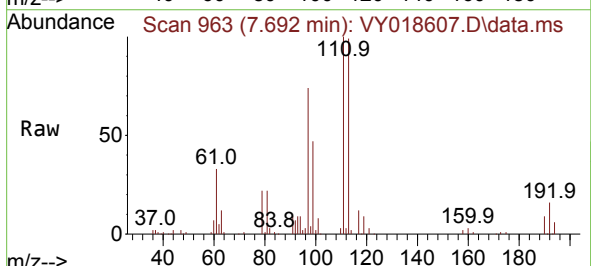


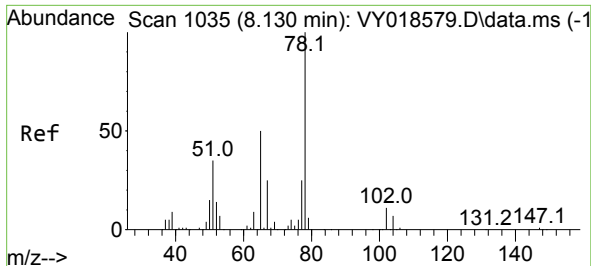
Tgt Ion: 56 Resp: 40266
Ion Ratio Lower Upper
56 100
69 40.2 28.7 43.1
84 100.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 18.800 ug/l
RT: 7.692 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 97 Resp: 43327
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 45.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 57.147 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

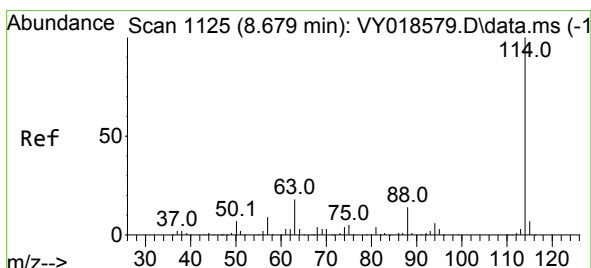
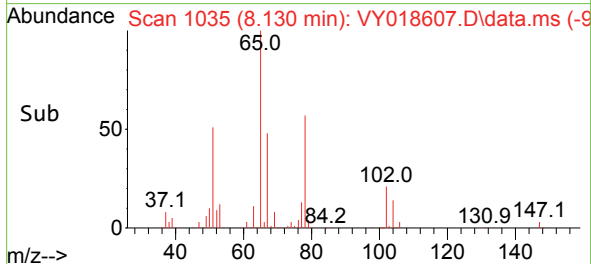
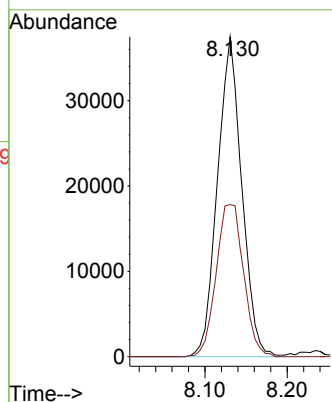
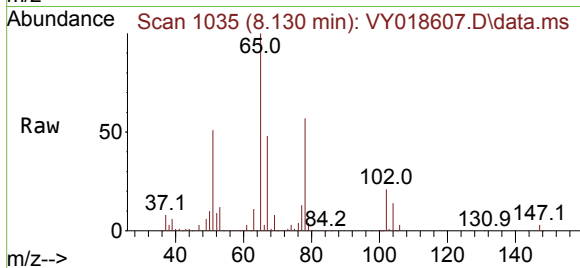
ClientSampleId :

Tgt Ion: 65 Resp: 76900

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

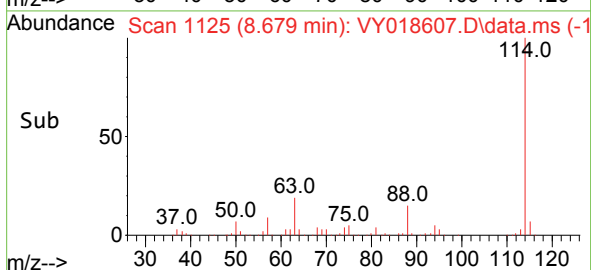
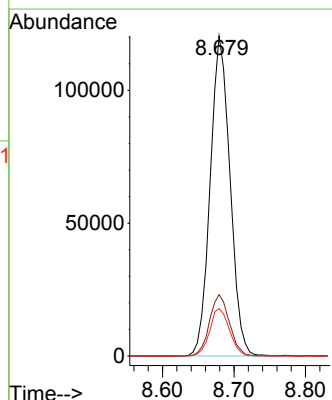
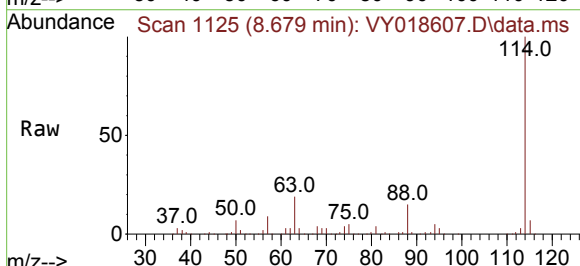
Tgt Ion: 114 Resp: 231942

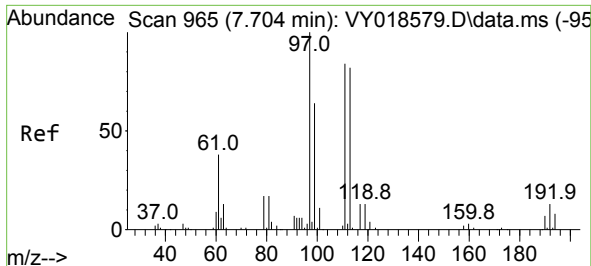
Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 14.8 0.0 27.2

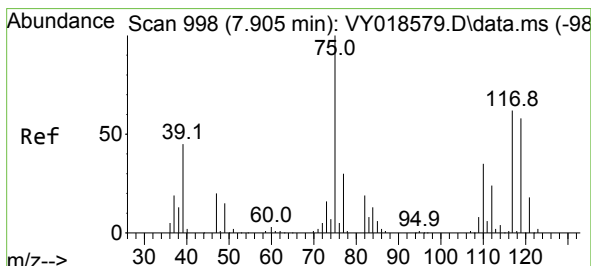
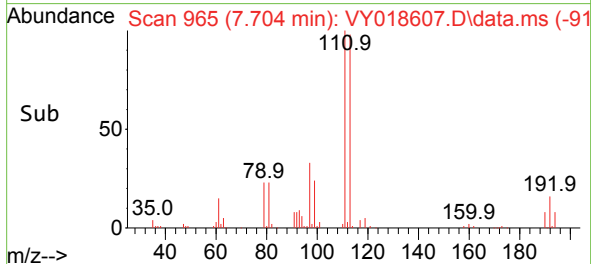
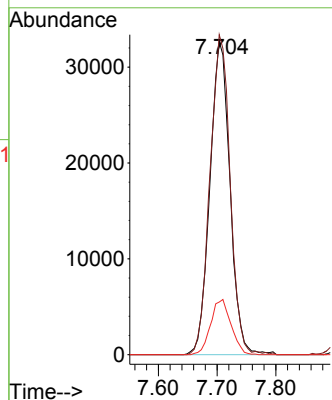
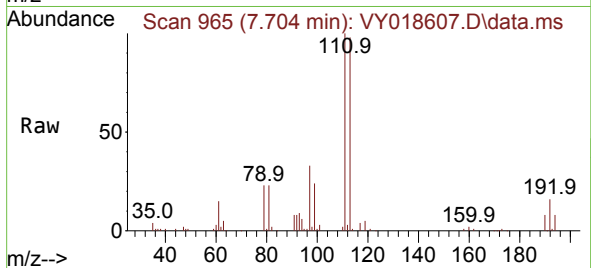




#35
Dibromofluoromethane
Concen: 54.780 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

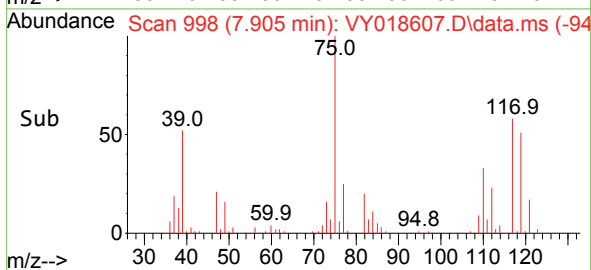
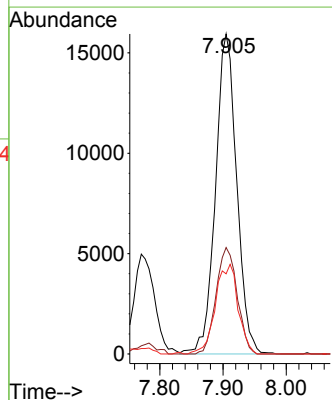
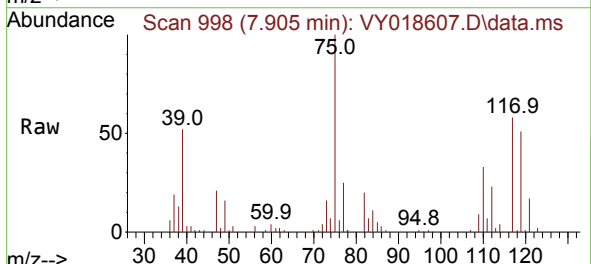
Instrument :
MSVOA_Y
ClientSampleId :

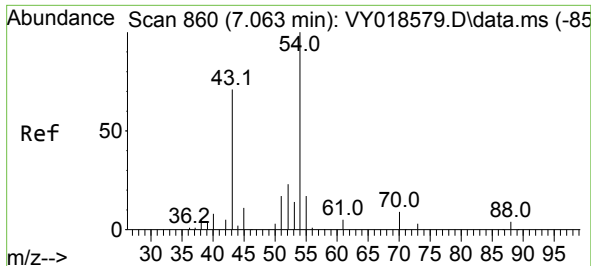
Tgt Ion:113 Resp: 77507
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.023 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 75 Resp: 37048
Ion Ratio Lower Upper
75 100
110 33.2 19.0 57.0
77 30.0 25.3 37.9

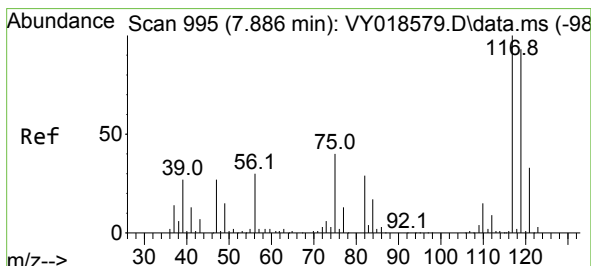
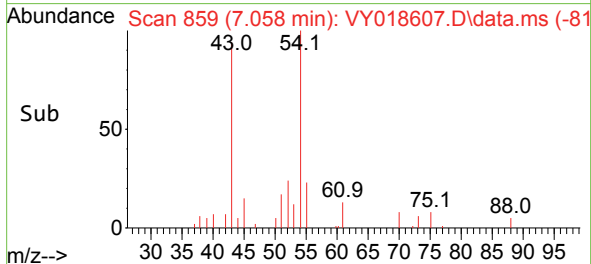
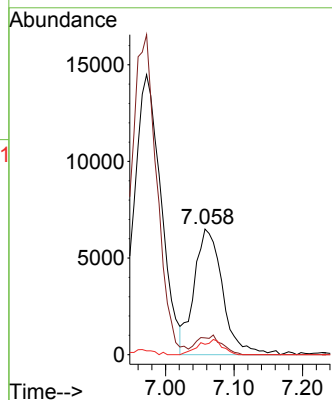
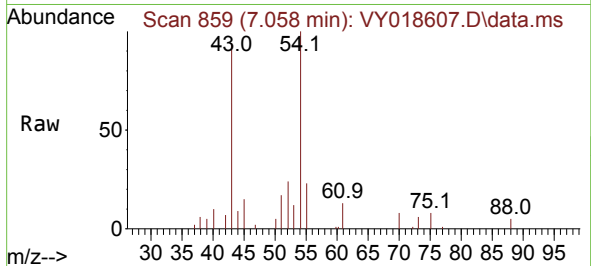




#37
Ethyl Acetate
Concen: 20.455 ug/l
RT: 7.058 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

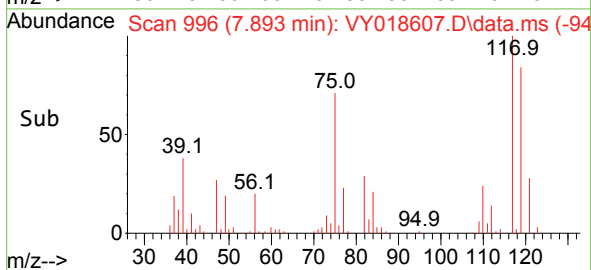
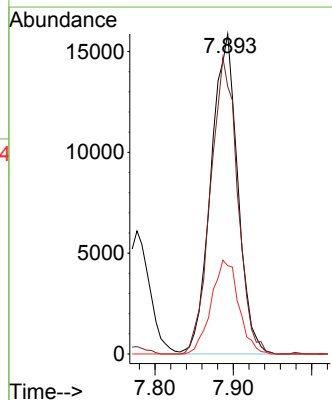
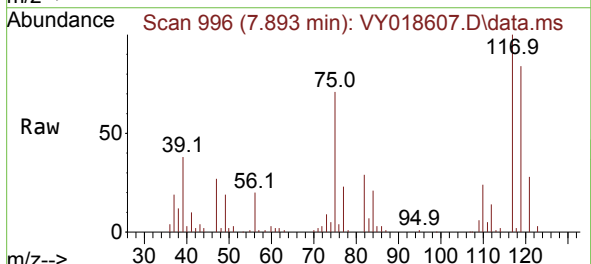
Instrument :
MSVOA_Y
ClientSampleId :

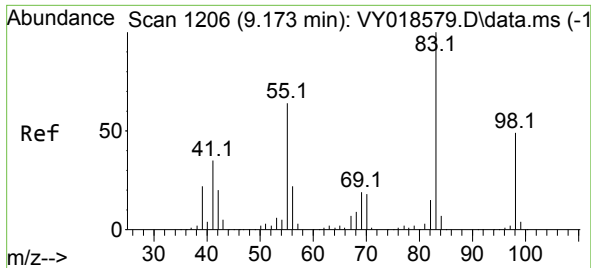
Tgt Ion: 43 Resp: 18779
Ion Ratio Lower Upper
43 100
61 13.4 12.6 19.0
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.394 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 117 Resp: 37583
Ion Ratio Lower Upper
117 100
119 83.6 75.8 113.6
121 27.6 24.0 36.0

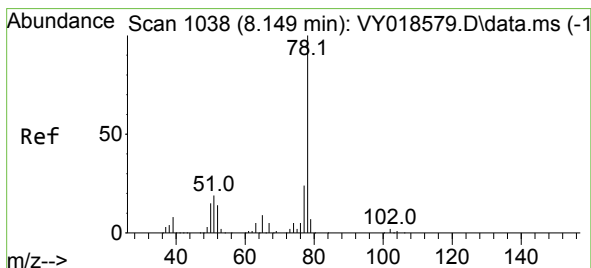
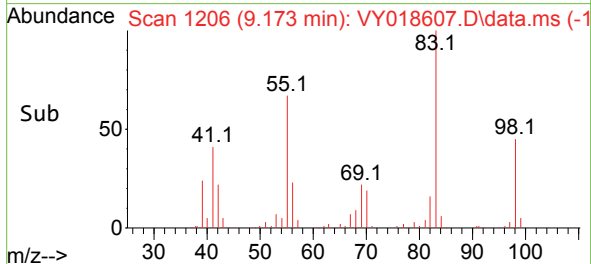
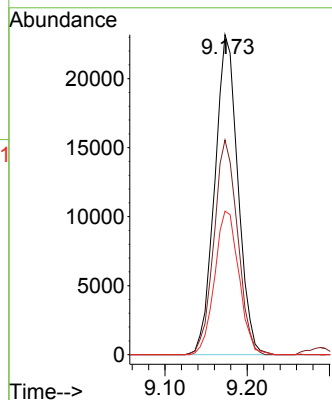
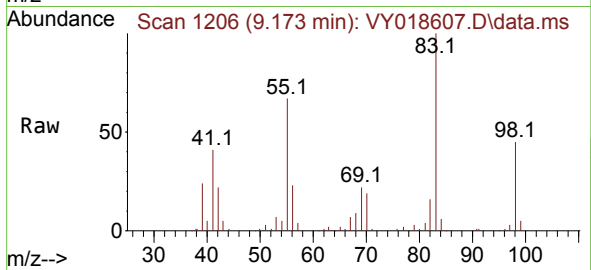




#39
Methylcyclohexane
Concen: 19.060 ug/l
RT: 9.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

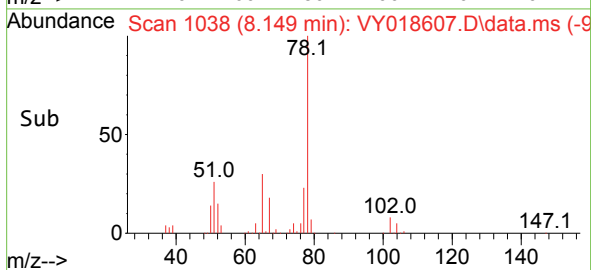
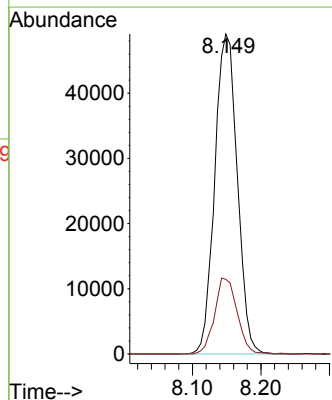
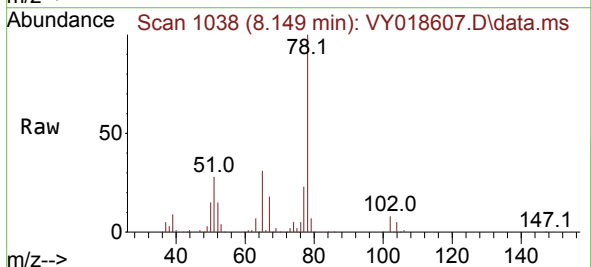
Instrument :
MSVOA_Y
ClientSampleId :

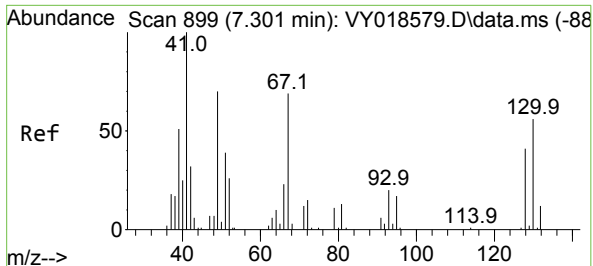
Tgt Ion: 83 Resp: 45484
Ion Ratio Lower Upper
83 100
55 67.1 51.5 77.3
98 44.8 40.5 60.7



#40
Benzene
Concen: 18.564 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

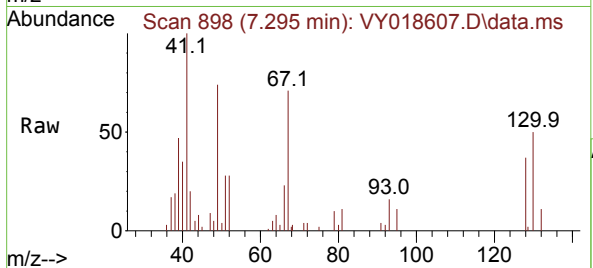
Tgt Ion: 78 Resp: 111810
Ion Ratio Lower Upper
78 100
77 23.3 19.5 29.3



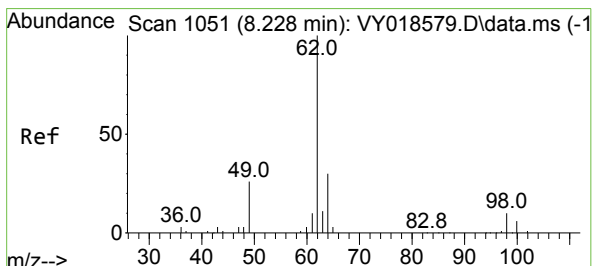
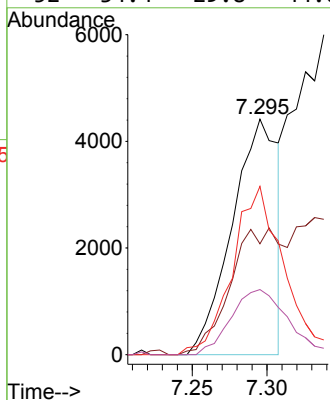
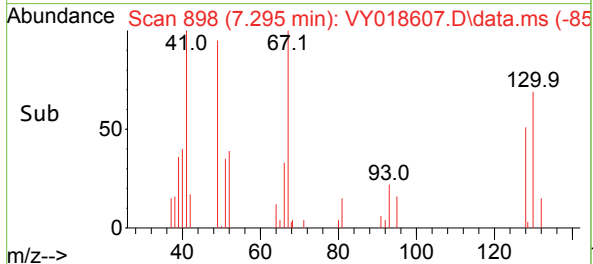


#41
Methacrylonitrile
Concen: 20.397 ug/l
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

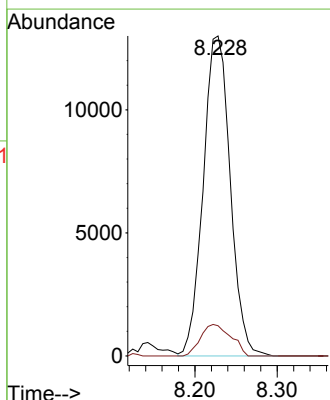
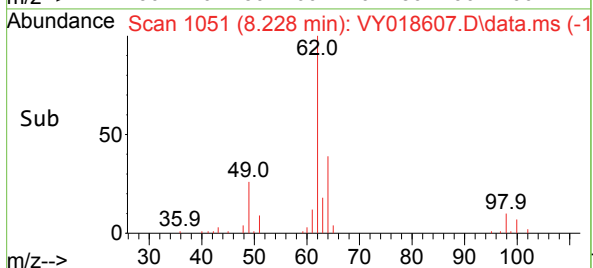
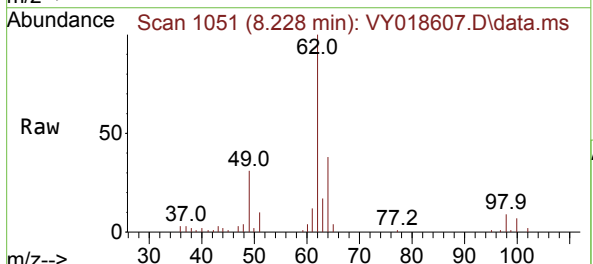


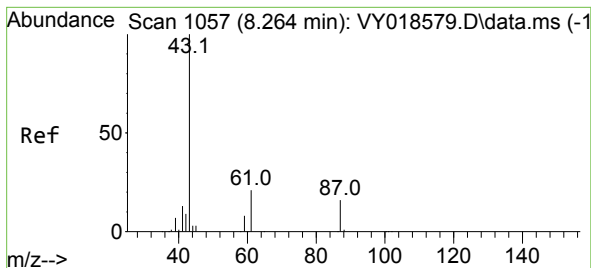
Tgt Ion: 41	Resp: 9418
Ion Ratio	Lower Upper
41 100	
39 63.7	48.0 72.0
67 80.0	75.1 112.7
52 34.4	29.8 44.6



#42
1,2-Dichloroethane
Concen: 18.884 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 62	Resp: 29673
Ion Ratio	Lower Upper
62 100	
98 11.1	0.0 22.0





#43

Isopropyl Acetate

Concen: 20.791 ug/l

RT: 8.265 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

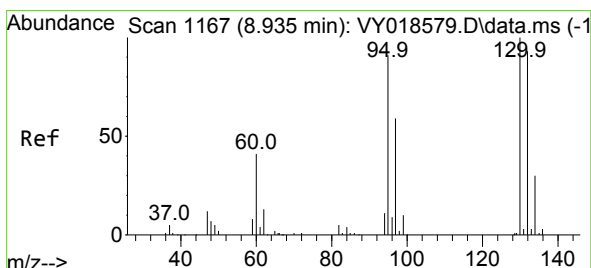
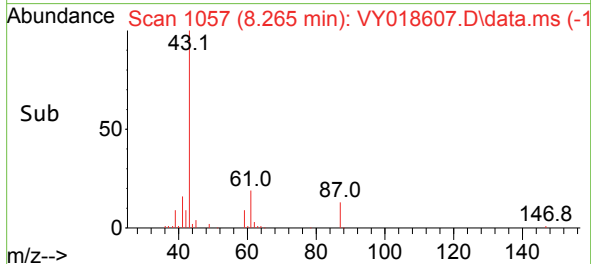
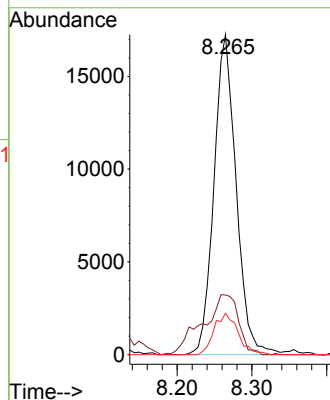
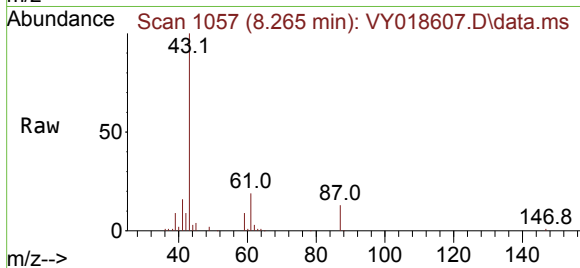
Tgt Ion: 43 Resp: 35627

Ion Ratio Lower Upper

43 100

61 30.2 27.9 41.9

87 14.0 13.1 19.7



#44

Trichloroethene

Concen: 17.357 ug/l

RT: 8.929 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VY018607.D

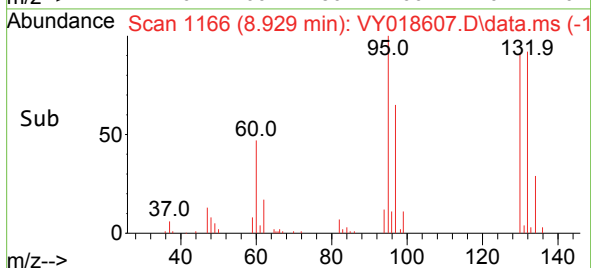
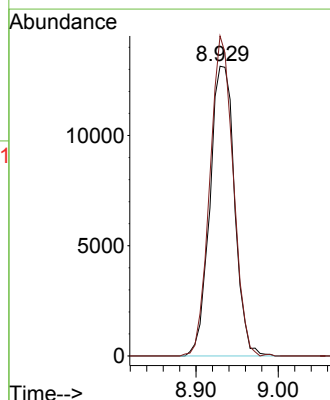
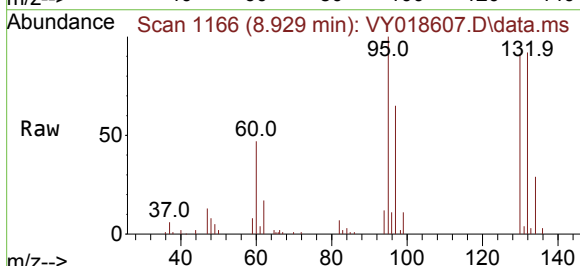
Acq: 17 Jun 2024 13:59

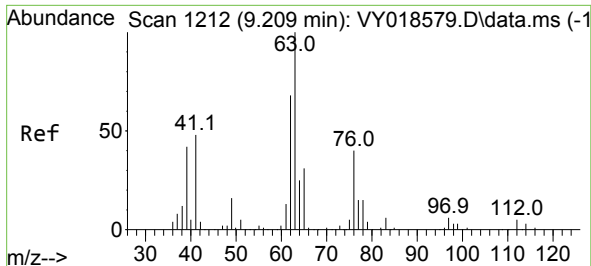
Tgt Ion:130 Resp: 27370

Ion Ratio Lower Upper

130 100

95 110.4 0.0 188.0

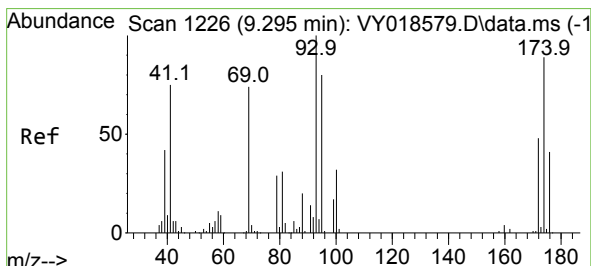
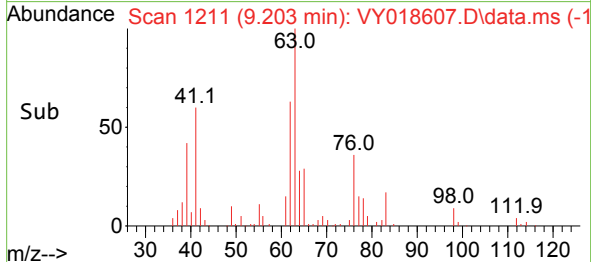
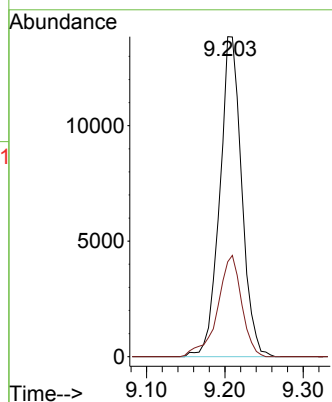
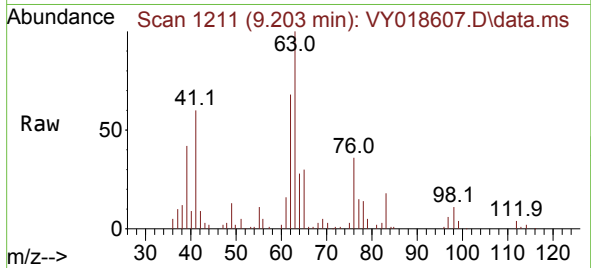




#45
1,2-Dichloropropane
Concen: 19.615 ug/l
RT: 9.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

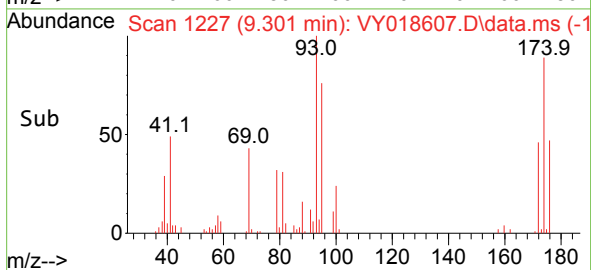
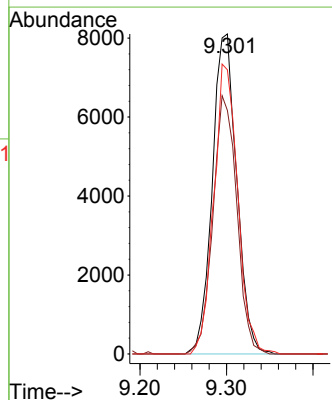
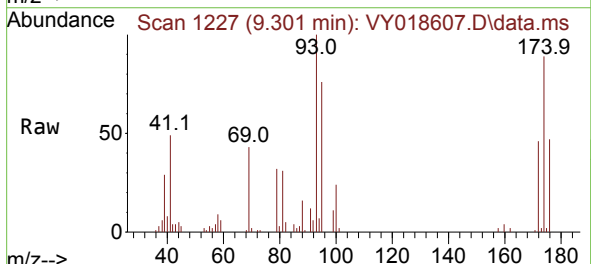
Instrument :
MSVOA_Y
ClientSampleId :

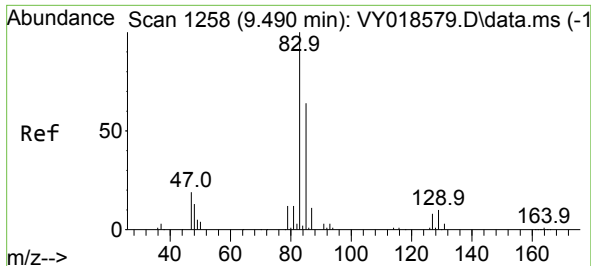
Tgt Ion: 63 Resp: 27014
Ion Ratio Lower Upper
63 100
65 29.7 25.4 38.2



#46
Dibromomethane
Concen: 18.614 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 93 Resp: 15907
Ion Ratio Lower Upper
93 100
95 78.8 66.2 99.4
174 88.8 80.9 121.3

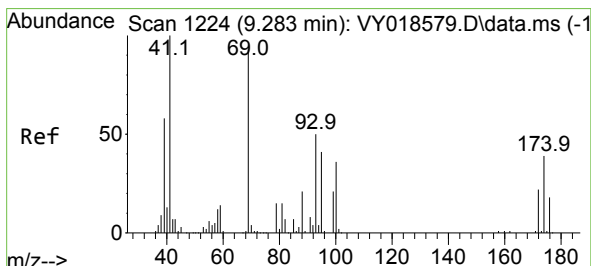
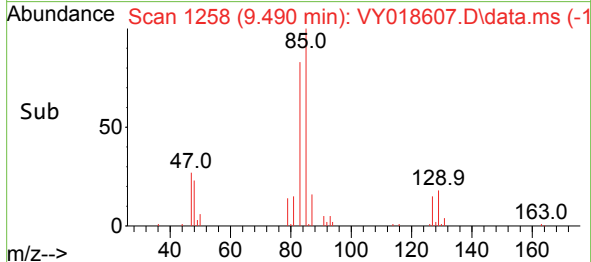
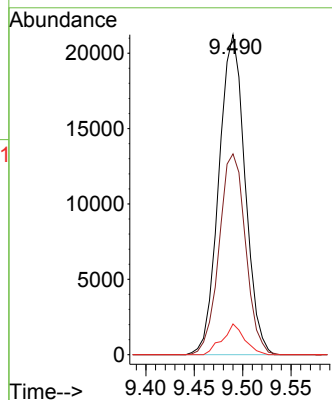
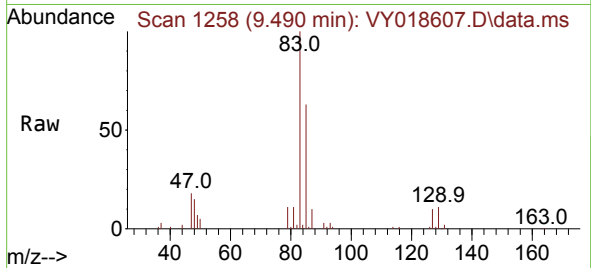




#47
Bromodichloromethane
Concen: 19.561 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

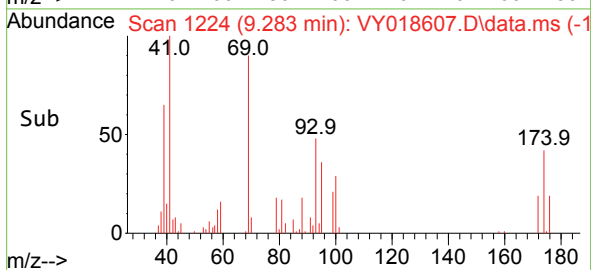
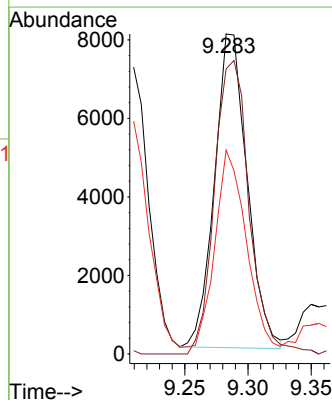
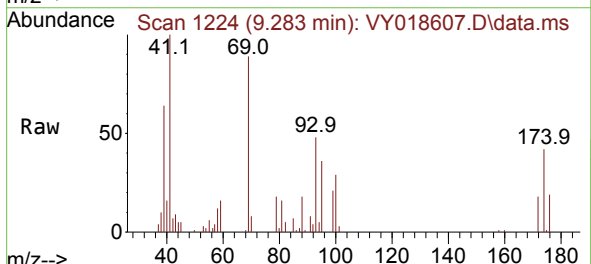
Instrument :
MSVOA_Y
ClientSampleId :

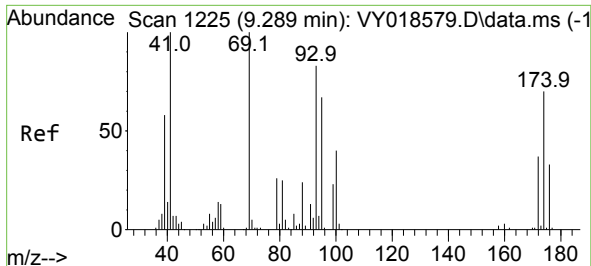
Tgt Ion: 83 Resp: 39896
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 9.6 7.4 11.0



#48
Methyl methacrylate
Concen: 18.630 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

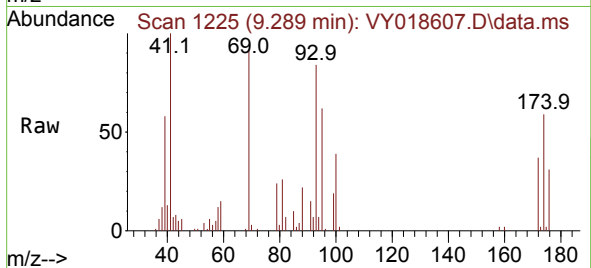
Tgt Ion: 41 Resp: 14372
Ion Ratio Lower Upper
41 100
69 99.6 84.1 126.1
39 64.1 43.6 65.4



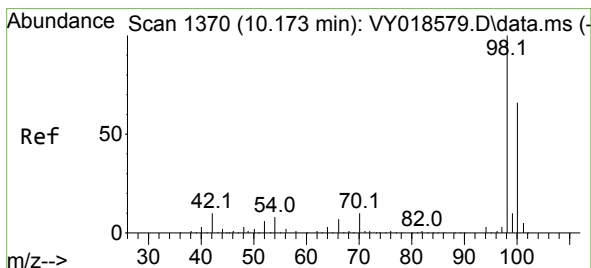
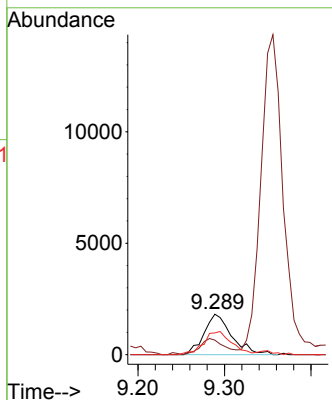
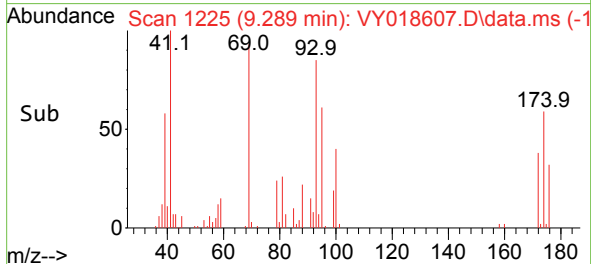


#49
1,4-Dioxane
Concen: 358.930 ug/l
RT: 9.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

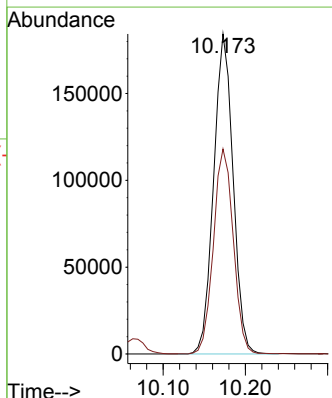
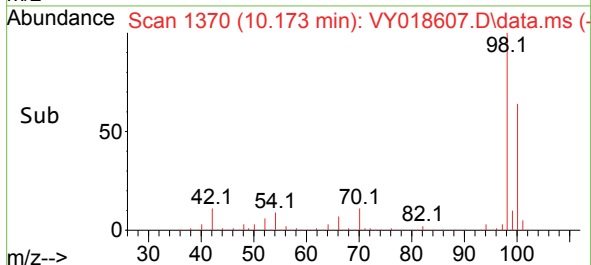
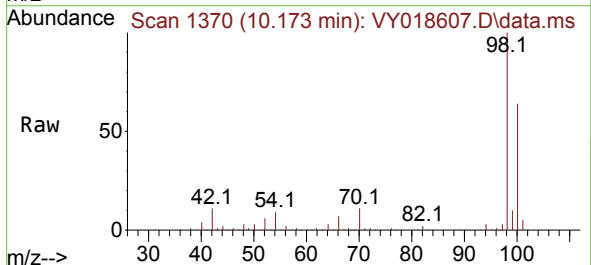


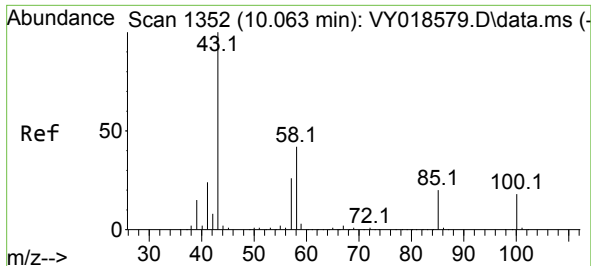
Tgt Ion: 88 Resp: 4034
Ion Ratio Lower Upper
88 100
43 34.3 0.0 0.0#
58 57.9 49.3 73.9



#50
Toluene-d8
Concen: 55.702 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 98 Resp: 303081
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

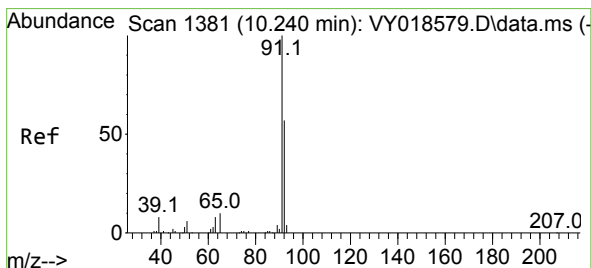
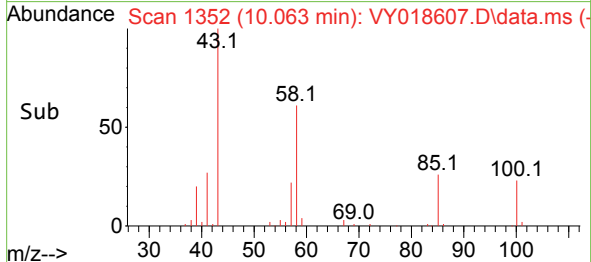
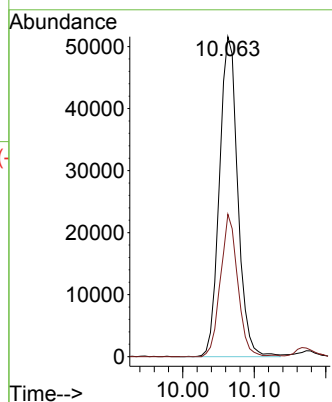
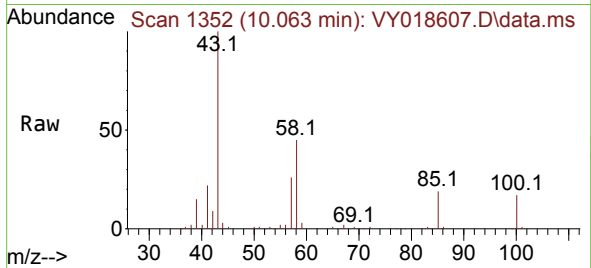




#51
4-Methyl-2-Pentanone
Concen: 101.620 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

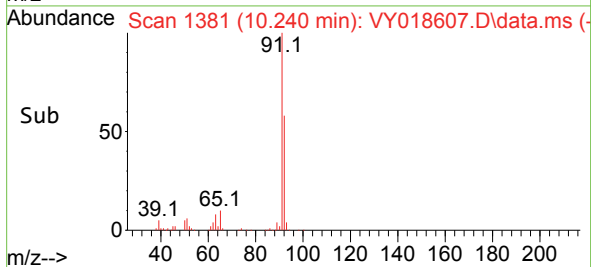
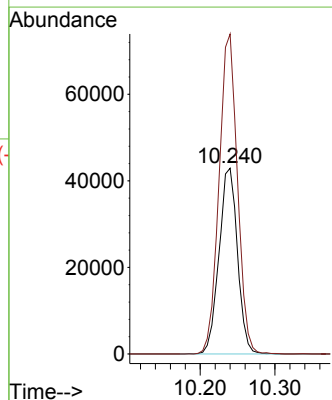
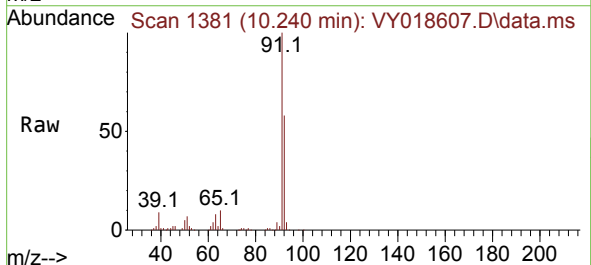
Instrument :
MSVOA_Y
ClientSampleId :

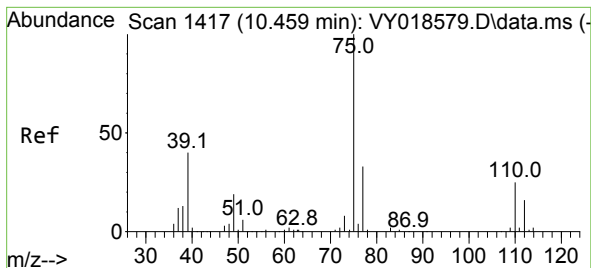
Tgt Ion: 43 Resp: 91722
Ion Ratio Lower Upper
43 100
58 41.9 35.7 53.5



#52
Toluene
Concen: 19.023 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 92 Resp: 73562
Ion Ratio Lower Upper
92 100
91 171.8 139.0 208.6

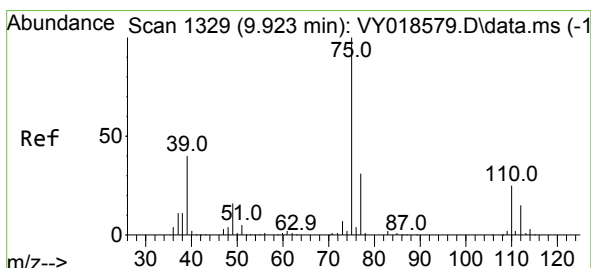
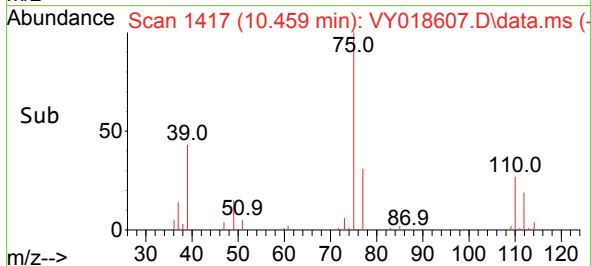
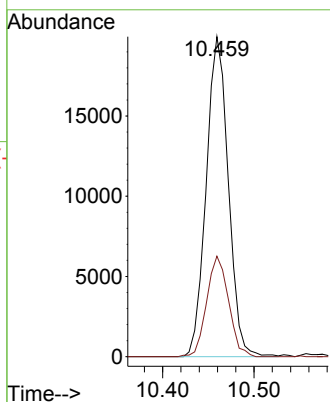
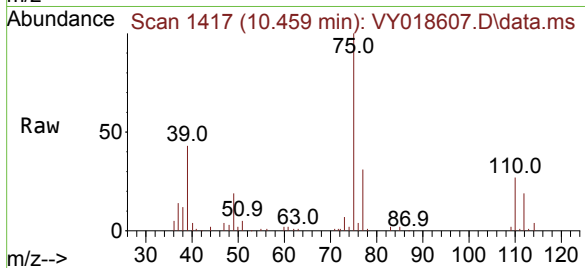




#53
 t-1,3-Dichloropropene
 Concen: 18.789 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018607.D
 Acq: 17 Jun 2024 13:59

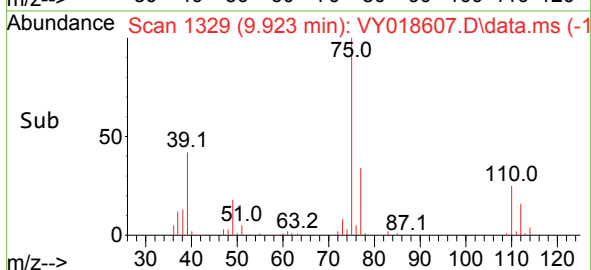
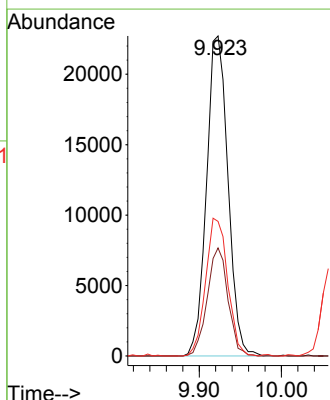
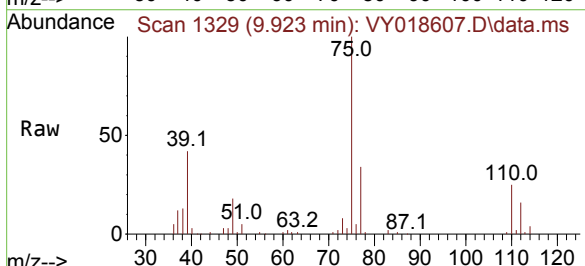
Instrument :
 MSVOA_Y
 ClientSampleId :

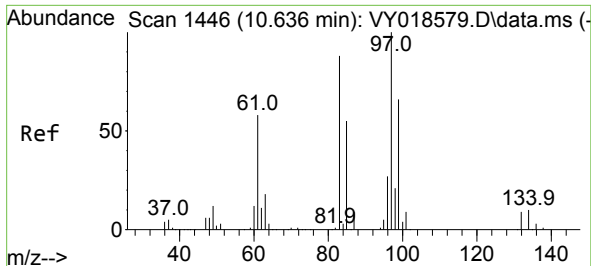
Tgt Ion: 75 Resp: 33490
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.151 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018607.D
 Acq: 17 Jun 2024 13:59

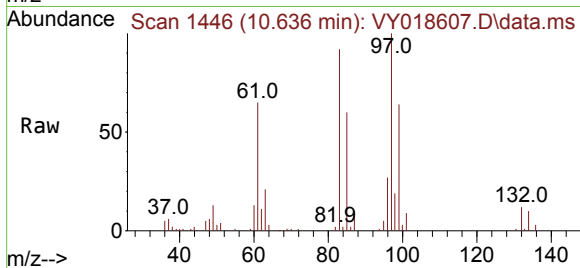
Tgt Ion: 75 Resp: 41193
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.4 38.0
 39 42.1 29.8 44.6



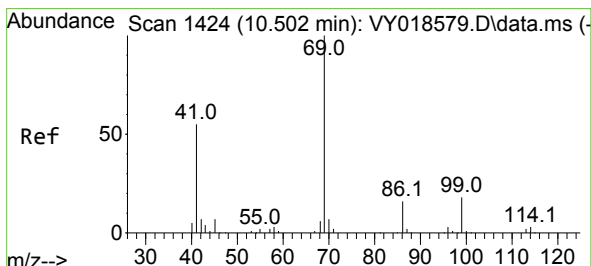
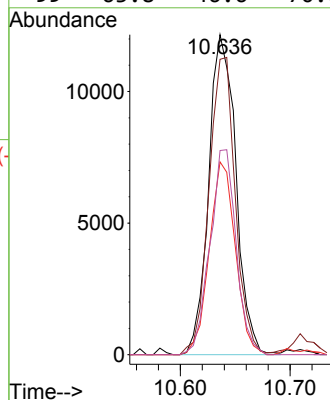
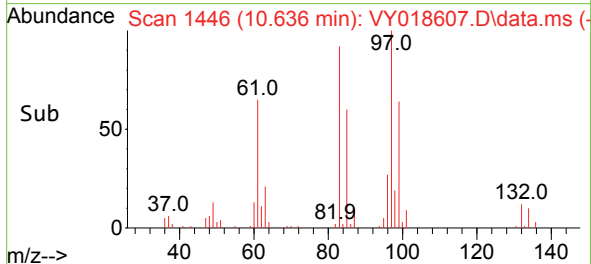


#55
1,1,2-Trichloroethane
Concen: 18.467 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

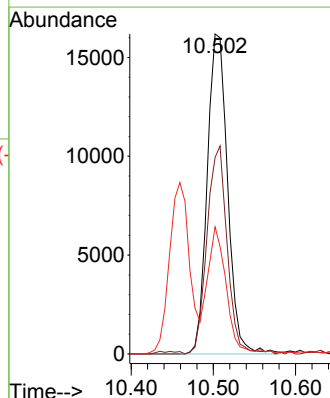
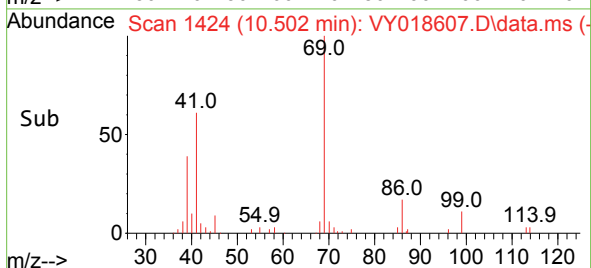
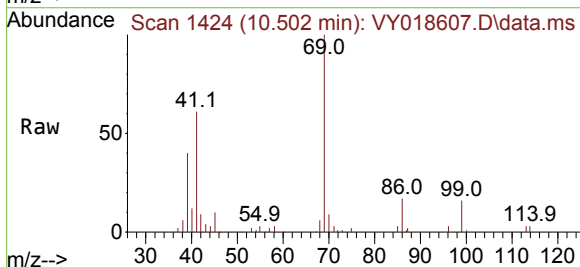


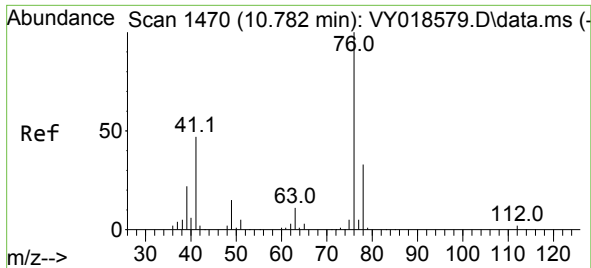
Tgt Ion: 97	Resp: 20990		
Ion	Ratio	Lower	Upper
97	100		
83	92.3	67.5	101.3
85	60.3	42.9	64.3
99	63.8	46.6	70.0



#56
Ethyl methacrylate
Concen: 18.762 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

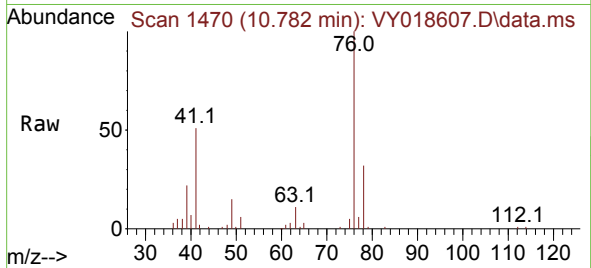
Tgt Ion: 69	Resp: 27905
Ion Ratio	Lower Upper
69 100	
41 64.5	42.3 63.5#
39 34.4	22.9 34.3#



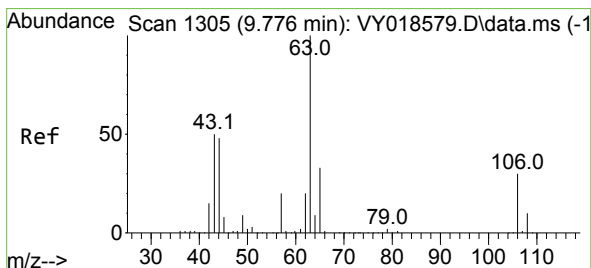
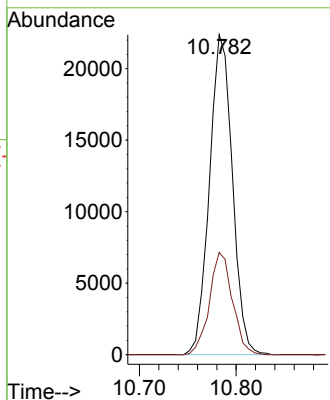
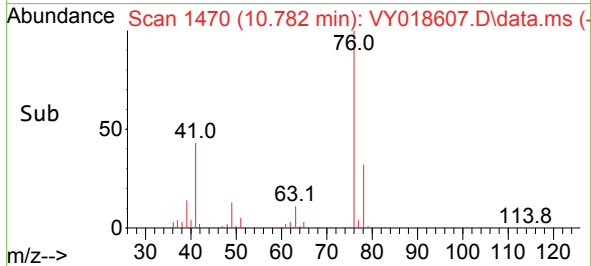


#57
1,3-Dichloropropane
Concen: 19.536 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

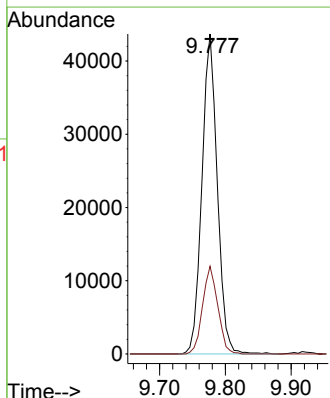
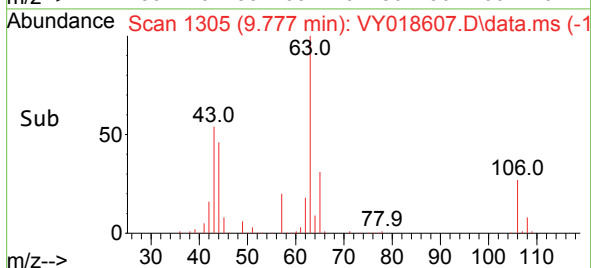
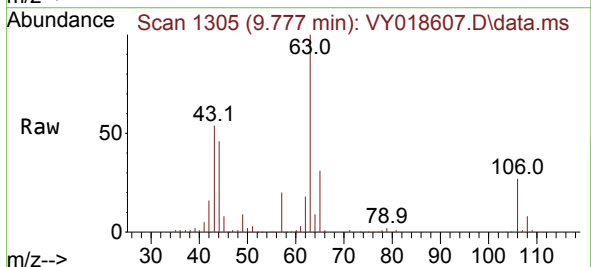


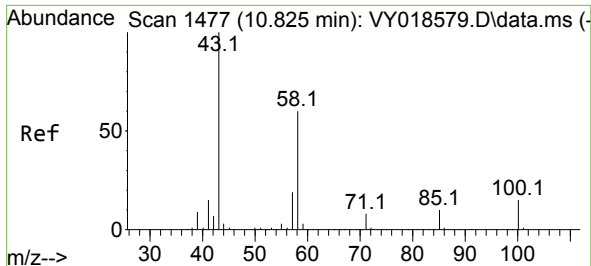
Tgt Ion: 76 Resp: 36886
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 98.795 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 63 Resp: 70938
Ion Ratio Lower Upper
63 100
106 27.1 23.7 35.5

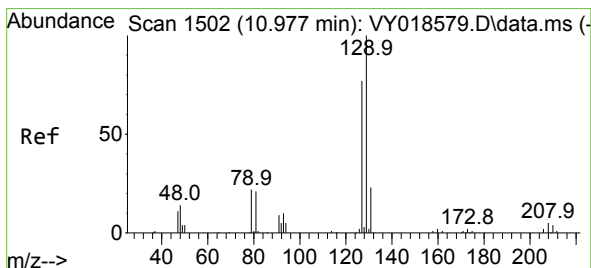
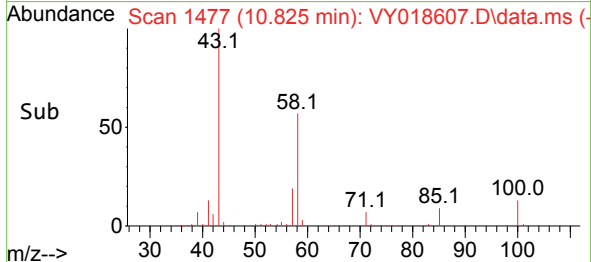
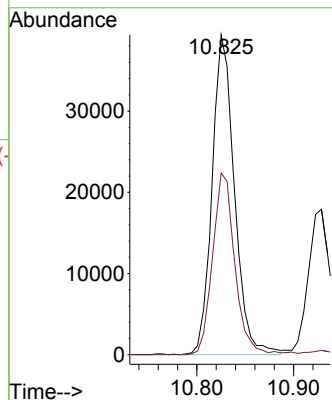
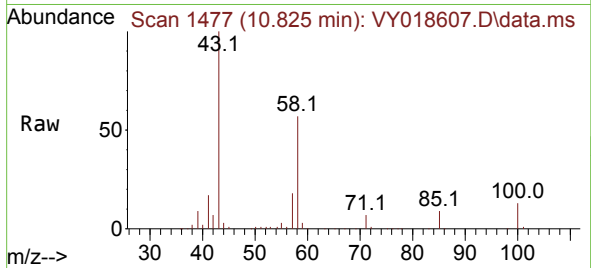




#59
2-Hexanone
Concen: 99.992 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

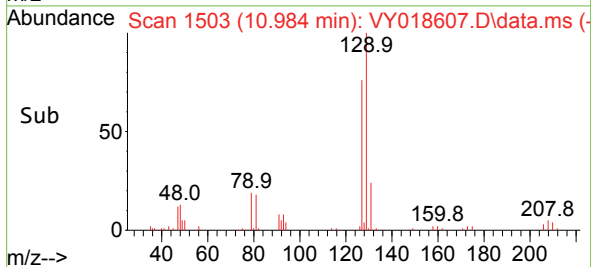
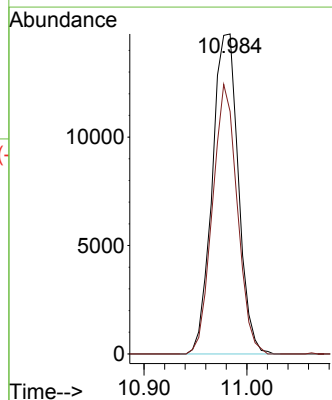
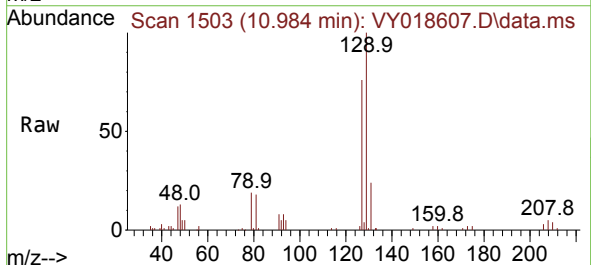
Instrument :
MSVOA_Y
ClientSampleId :

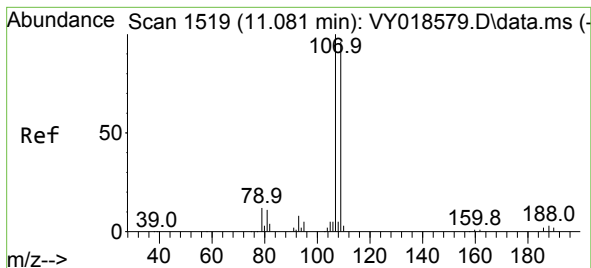
Tgt Ion: 43 Resp: 63219
Ion Ratio Lower Upper
43 100
58 56.5 31.4 94.0



#60
Dibromochloromethane
Concen: 18.443 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 129 Resp: 26041
Ion Ratio Lower Upper
129 100
127 79.8 39.0 117.0

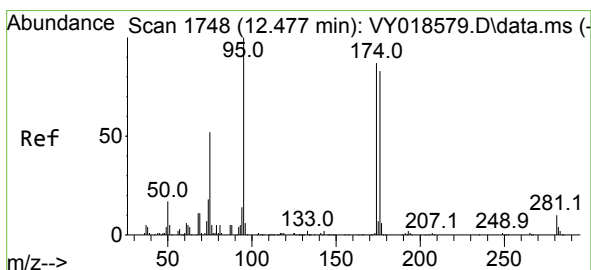
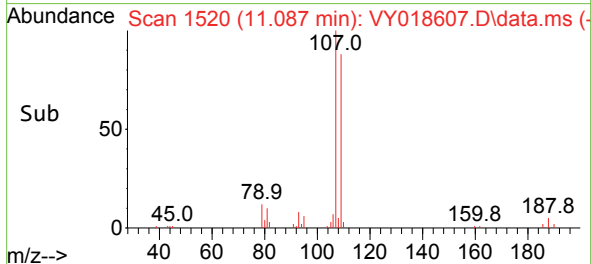
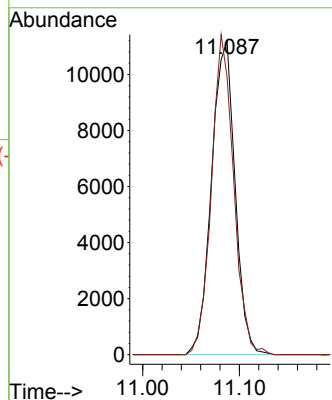
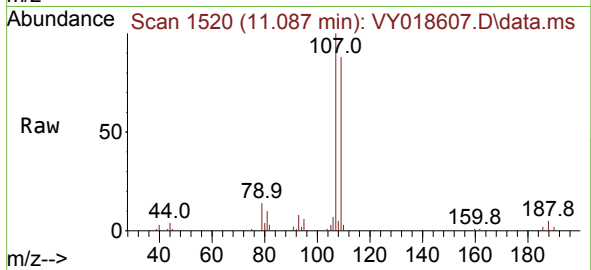




#61
1,2-Dibromoethane
Concen: 17.996 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

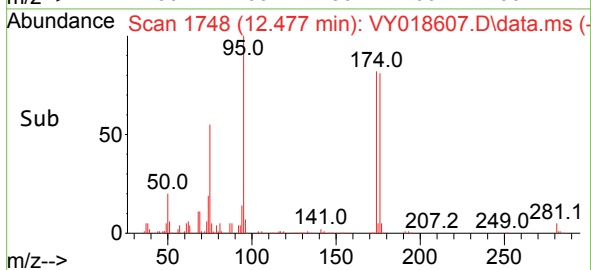
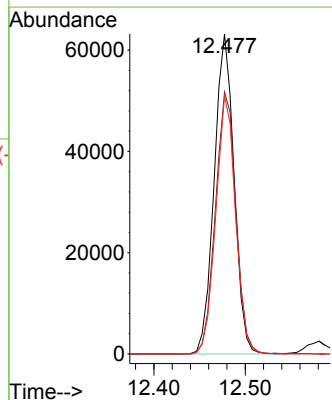
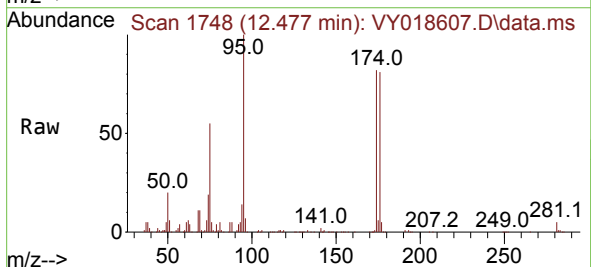
Instrument :
MSVOA_Y
ClientSampleId :

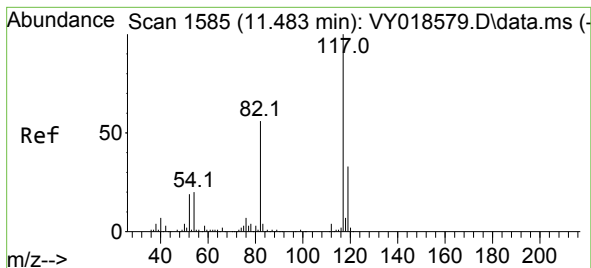
Tgt Ion:107 Resp: 18904
Ion Ratio Lower Upper
107 100
109 96.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 55.399 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 95 Resp: 95184
Ion Ratio Lower Upper
95 100
174 84.8 0.0 175.6
176 80.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

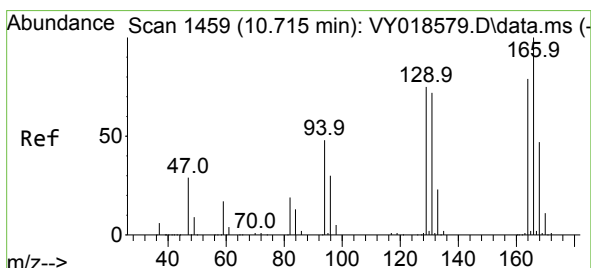
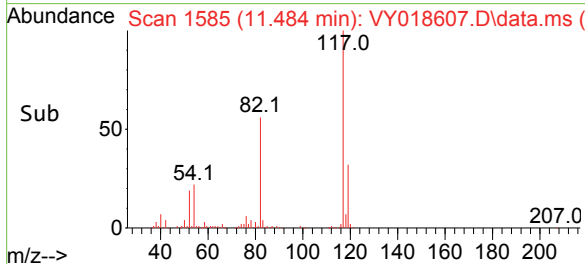
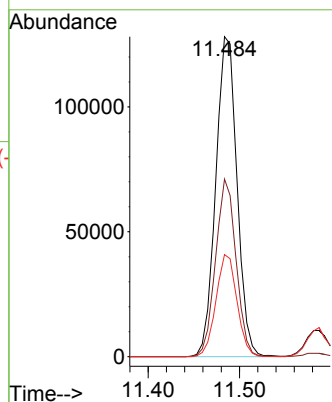
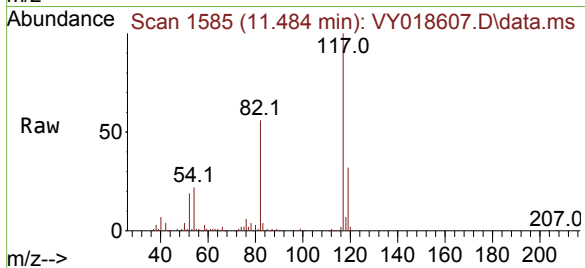
Tgt Ion:117 Resp: 207169

Ion Ratio Lower Upper

117 100

82 55.5 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 18.531 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Tgt Ion:164 Resp: 27381

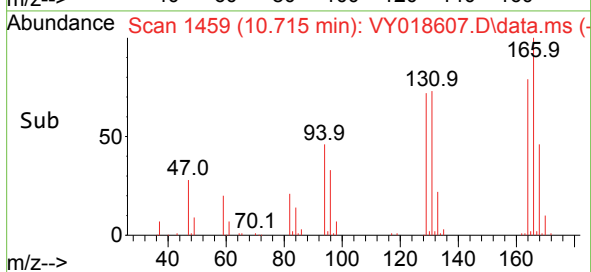
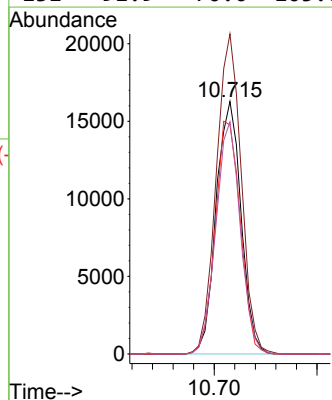
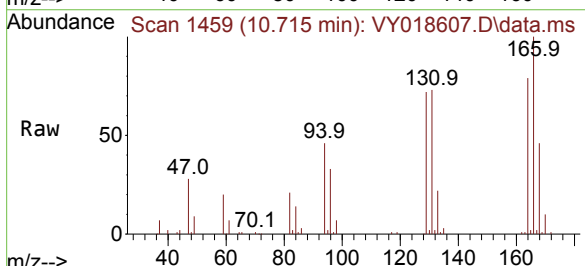
Ion Ratio Lower Upper

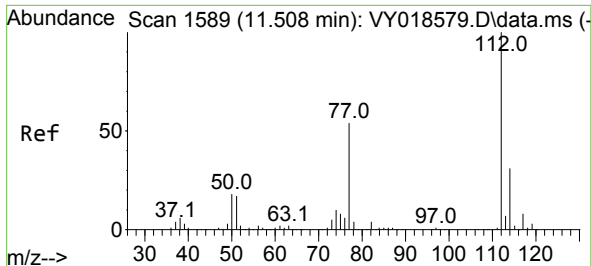
164 100

166 126.7 102.6 154.0

129 90.8 72.0 108.0

131 91.9 70.0 105.0

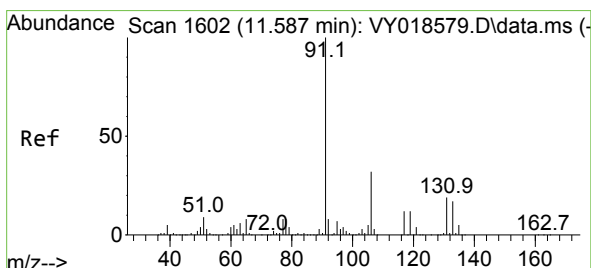
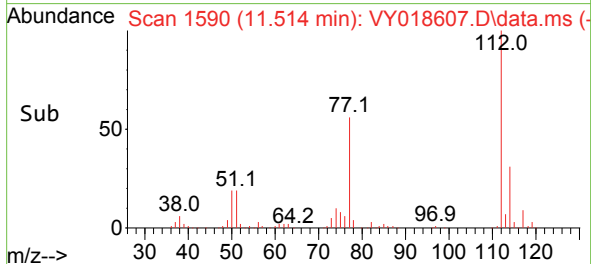
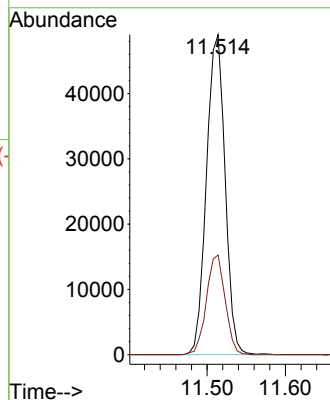
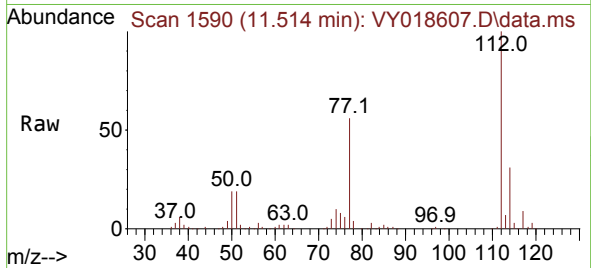




#65
Chlorobenzene
Concen: 18.867 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

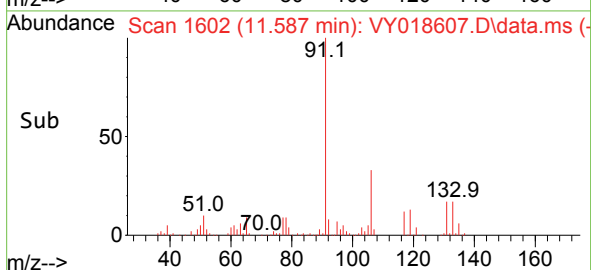
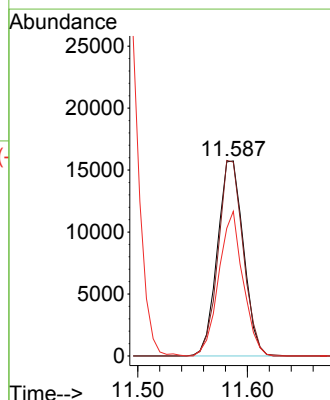
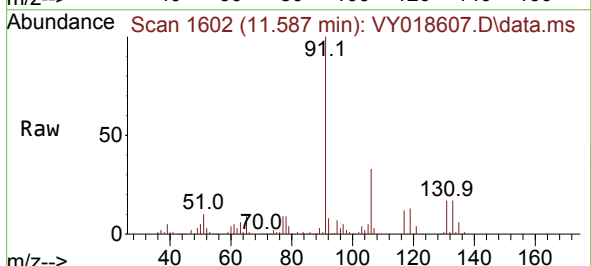
Instrument :
MSVOA_Y
ClientSampleId :

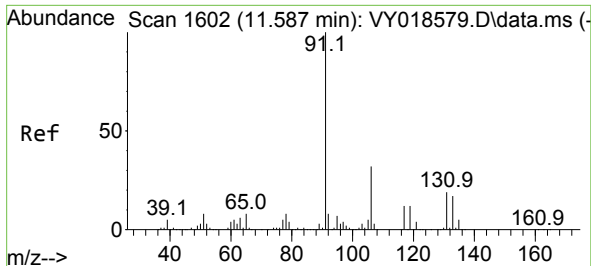
Tgt Ion:112 Resp: 80746
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.105 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion:131 Resp: 25966
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.3
119 69.0 34.1 102.2





#67

Ethyl Benzene

Concen: 18.982 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

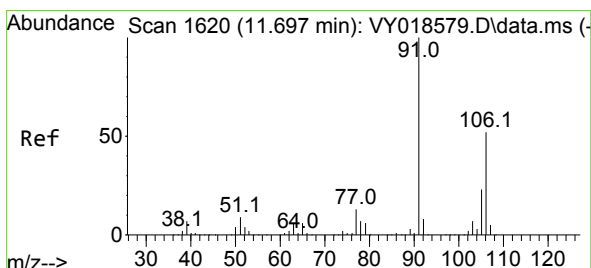
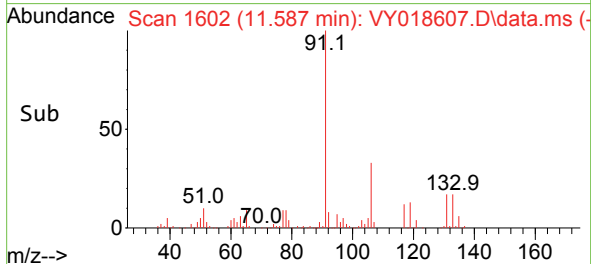
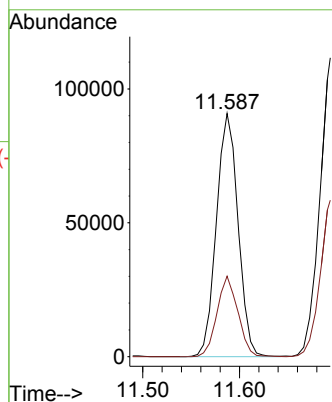
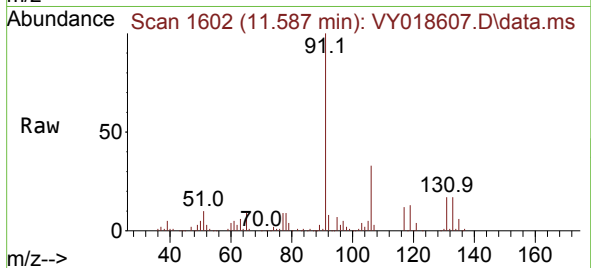
ClientSampleId :

Tgt Ion: 91 Resp: 140953

Ion Ratio Lower Upper

91 100

106 33.1 24.5 36.7



#68

m/p-Xylenes

Concen: 37.921 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018607.D

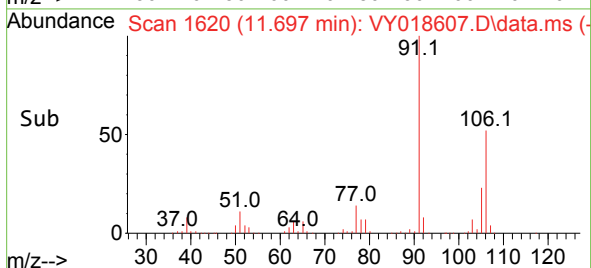
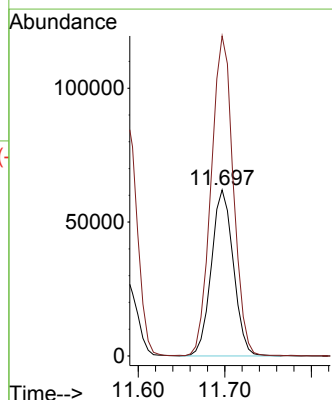
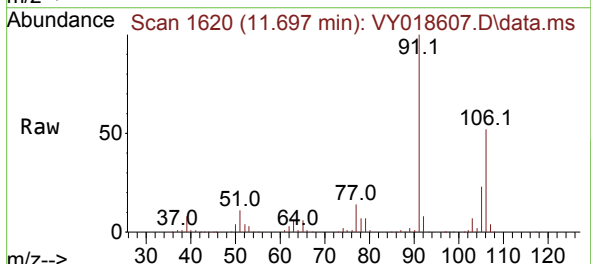
Acq: 17 Jun 2024 13:59

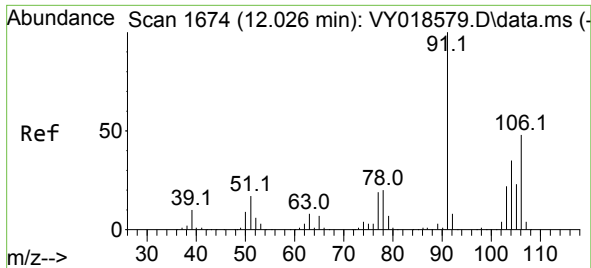
Tgt Ion:106 Resp: 109574

Ion Ratio Lower Upper

106 100

91 193.7 156.0 234.0

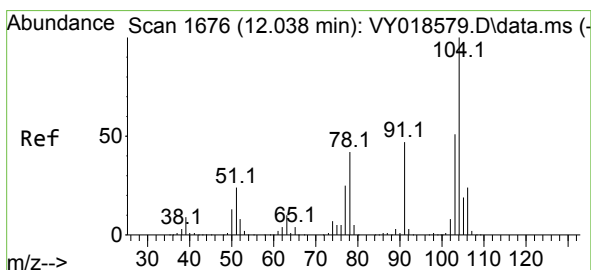
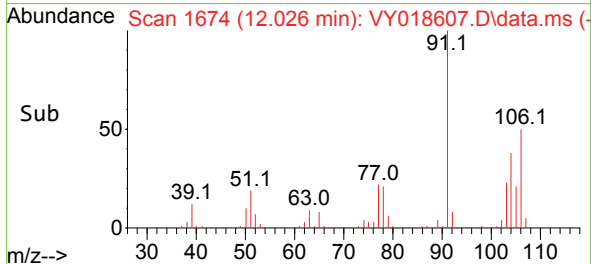
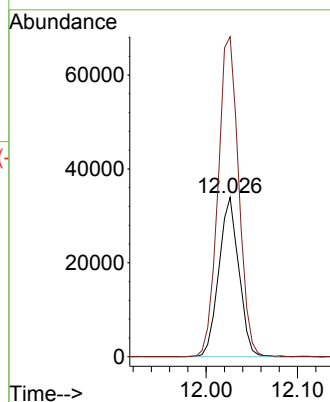
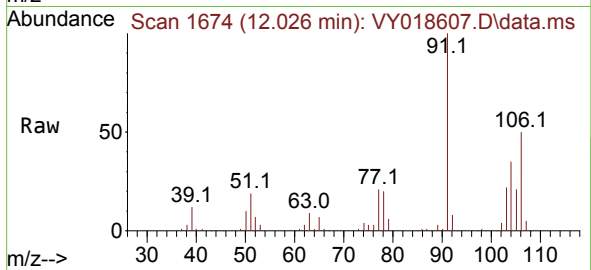




#69
o-Xylene
Concen: 18.566 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

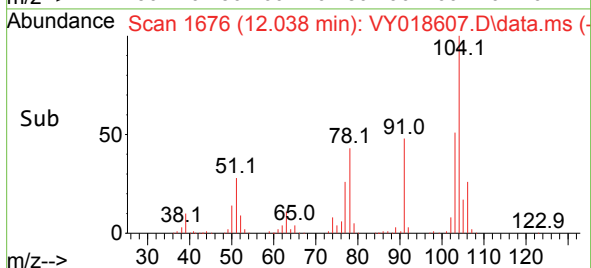
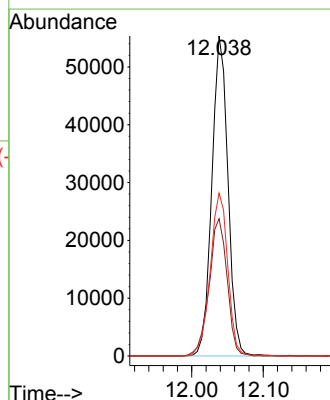
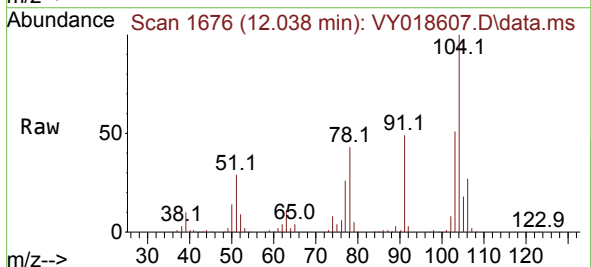
Instrument :
MSVOA_Y
ClientSampleId :

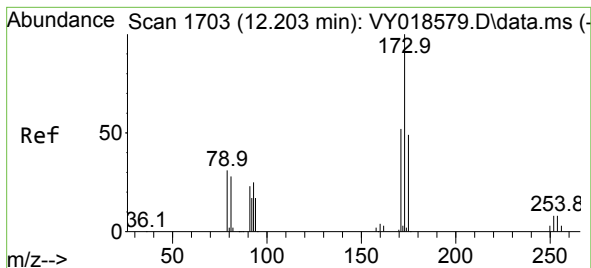
Tgt Ion:106 Resp: 51587
Ion Ratio Lower Upper
106 100
91 208.3 103.6 310.8



#70
Styrene
Concen: 18.858 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion:104 Resp: 86563
Ion Ratio Lower Upper
104 100
78 47.7 37.0 55.4
103 55.3 44.2 66.2





#71

Bromoform

Concen: 17.666 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018607.D

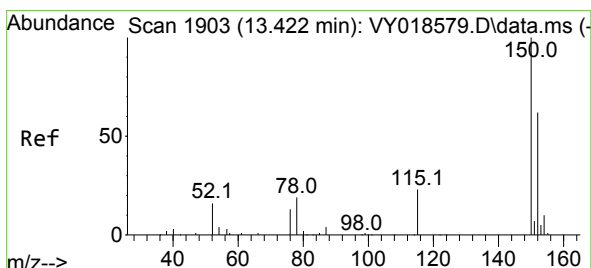
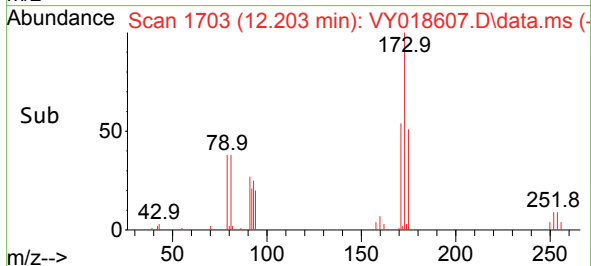
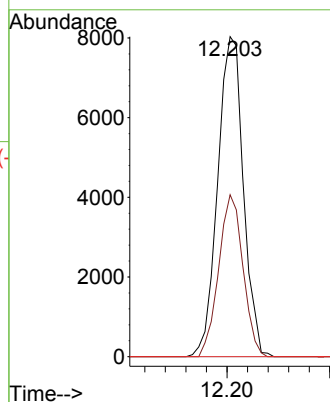
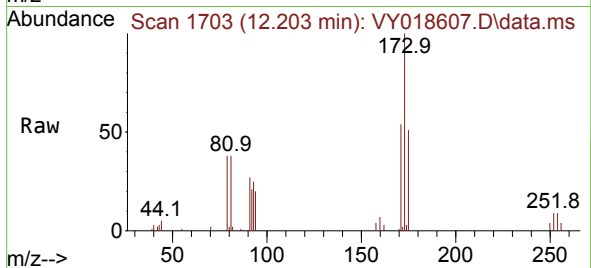
Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	13902
Ion Ratio	Lower	Upper
173	100	
175	47.9	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

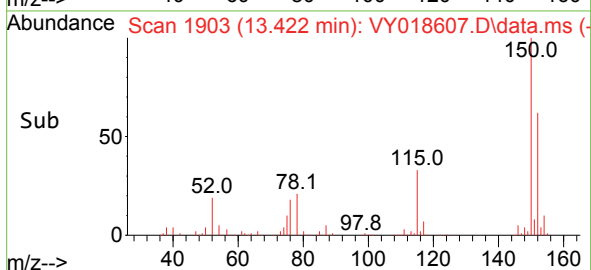
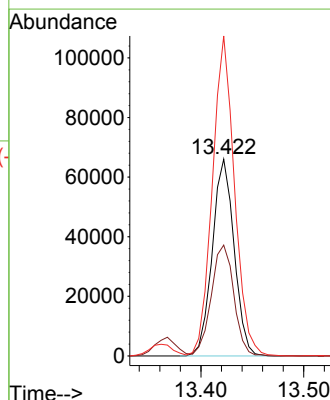
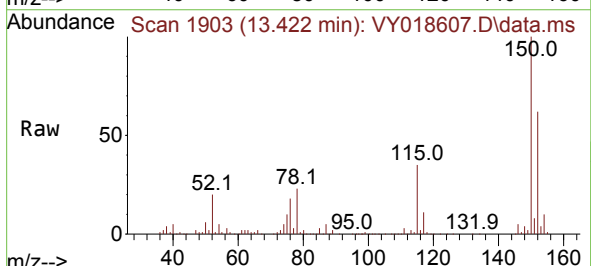
RT: 13.422 min Scan# 1903

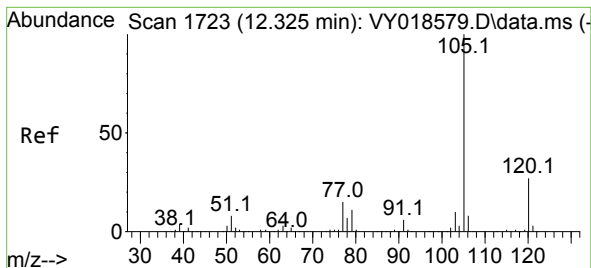
Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Tgt Ion:152	Resp:	97385
Ion Ratio	Lower	Upper
152	100	
115	58.1	28.2 84.7
150	164.5	0.0 345.6





#73

Isopropylbenzene

Concen: 18.982 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

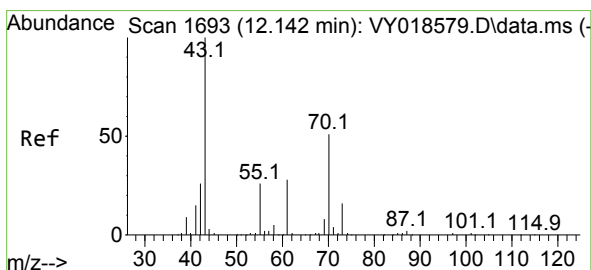
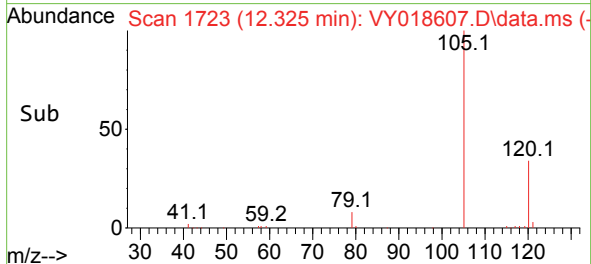
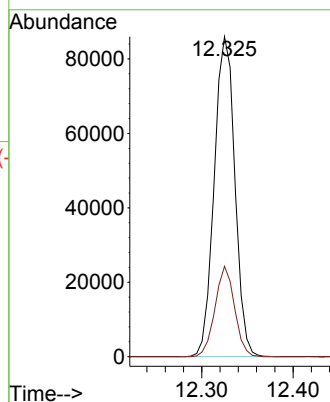
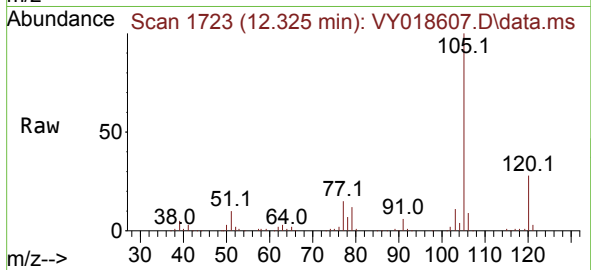
ClientSampleId :

Tgt Ion:105 Resp: 134991

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 21.643 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Tgt Ion: 43 Resp: 31517

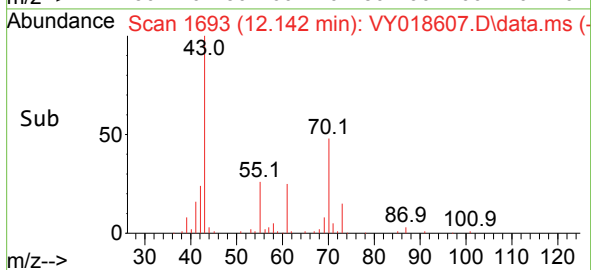
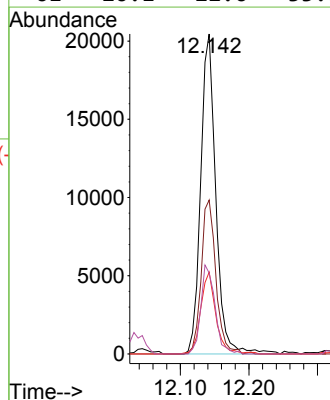
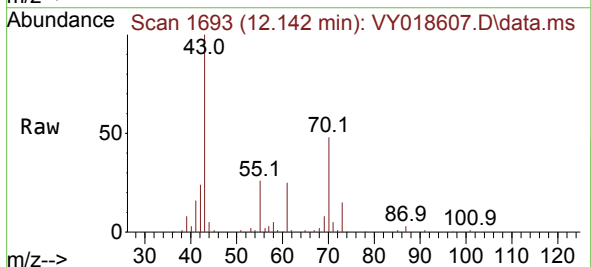
Ion Ratio Lower Upper

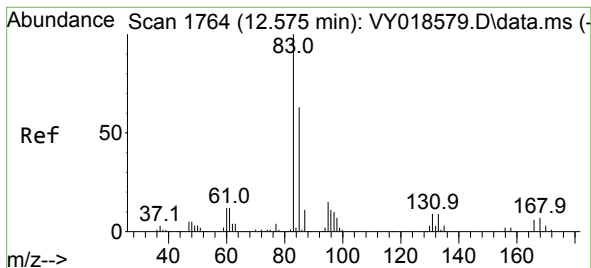
43 100

70 46.7 41.4 62.2

55 25.2 23.3 34.9

61 26.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.908 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

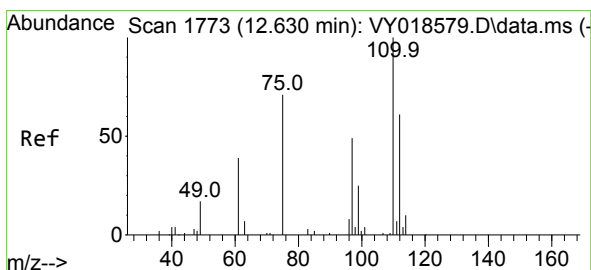
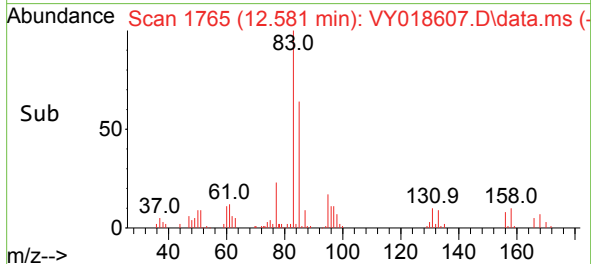
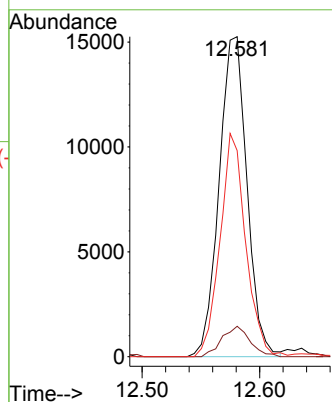
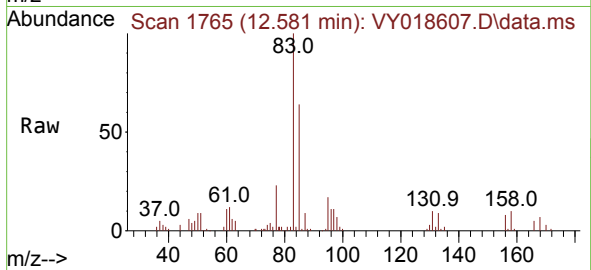
Tgt Ion: 83 Resp: 25138

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 64.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 33.312 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018607.D

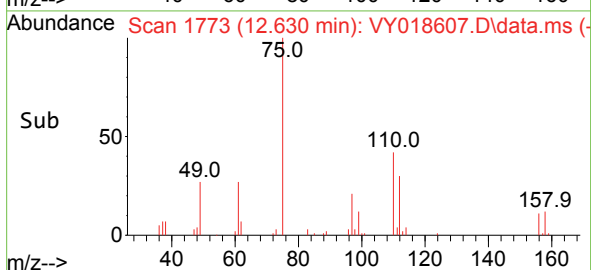
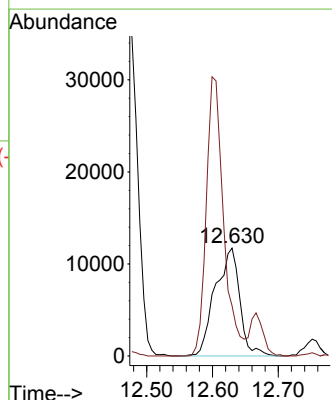
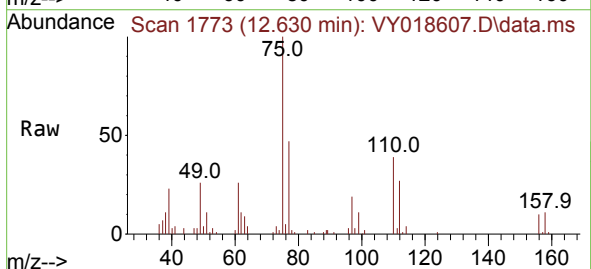
Acq: 17 Jun 2024 13:59

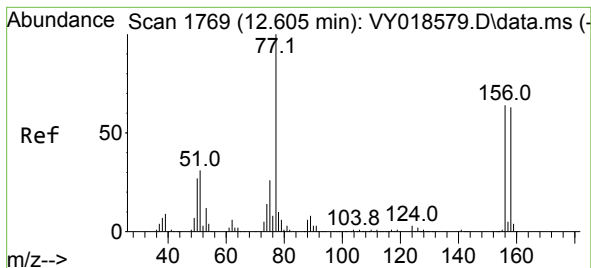
Tgt Ion: 75 Resp: 30431

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.654 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

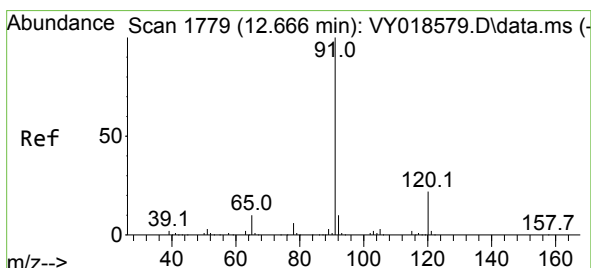
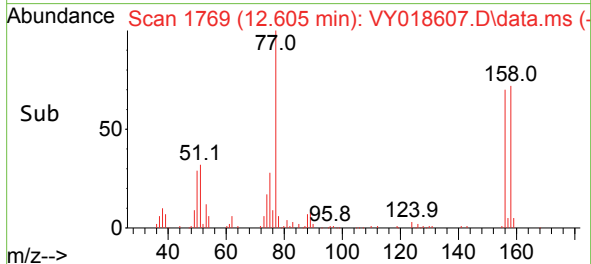
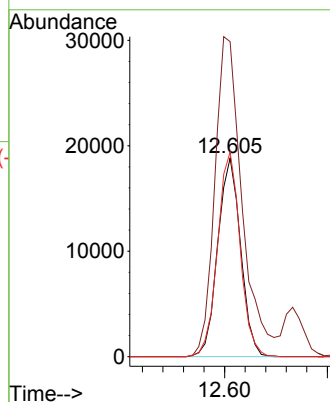
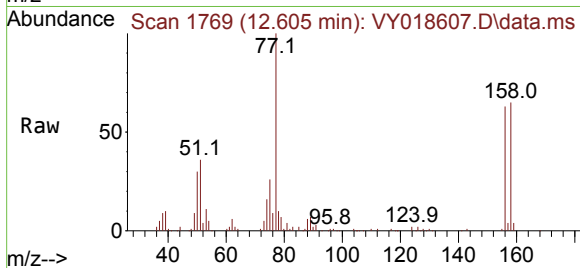
Tgt Ion:156 Resp: 29033

Ion Ratio Lower Upper

156 100

77 191.6 87.1 261.3

158 101.8 48.6 145.9



#78

n-propylbenzene

Concen: 19.797 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018607.D

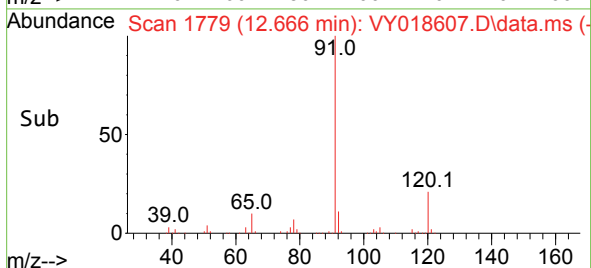
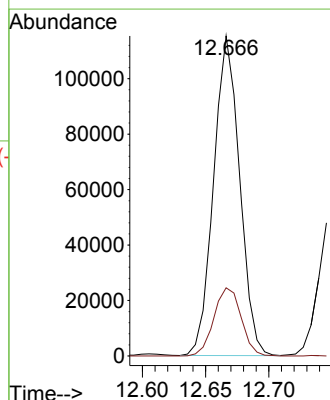
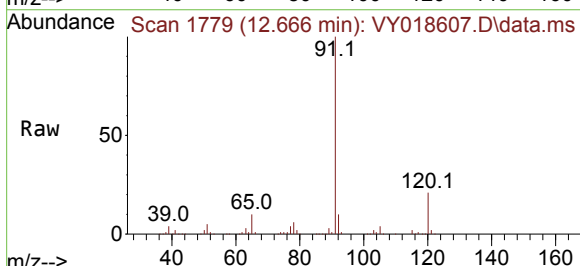
Acq: 17 Jun 2024 13:59

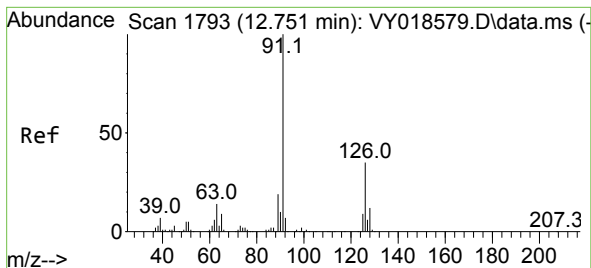
Tgt Ion: 91 Resp: 164756

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.736 ug/l

RT: 12.752 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

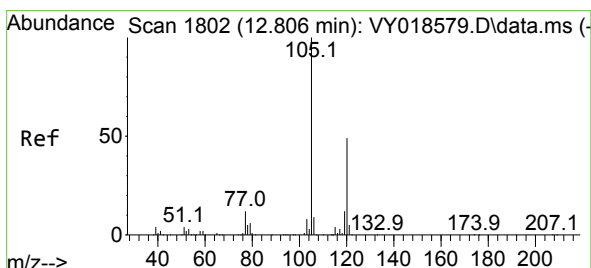
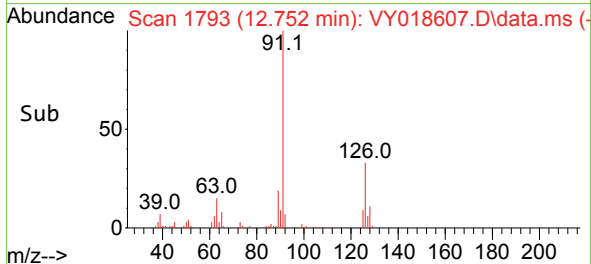
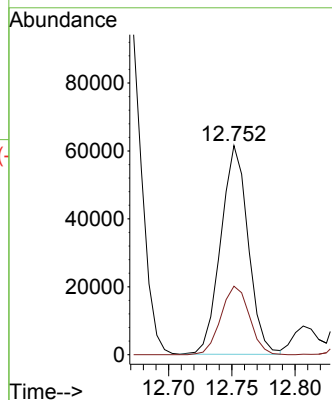
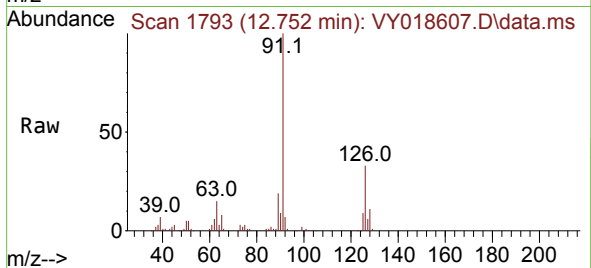
ClientSampleId :

Tgt Ion: 91 Resp: 92716

Ion Ratio Lower Upper

91 100

126 34.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.074 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY018607.D

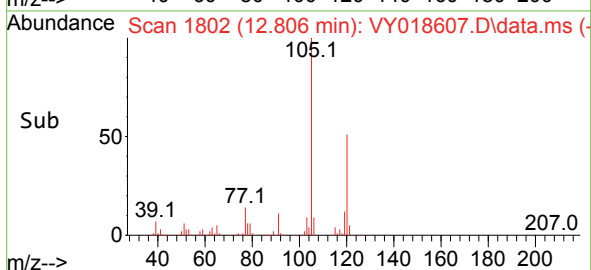
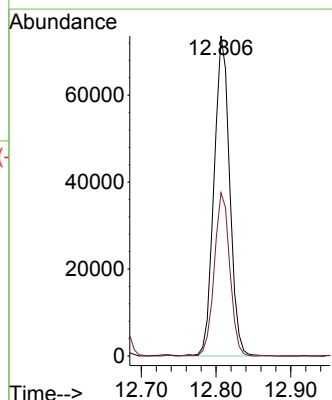
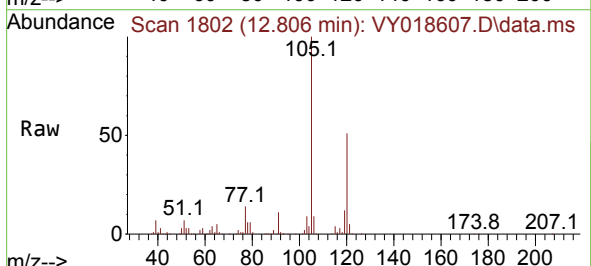
Acq: 17 Jun 2024 13:59

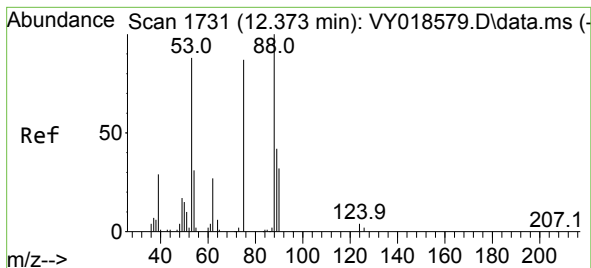
Tgt Ion:105 Resp: 107502

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.2

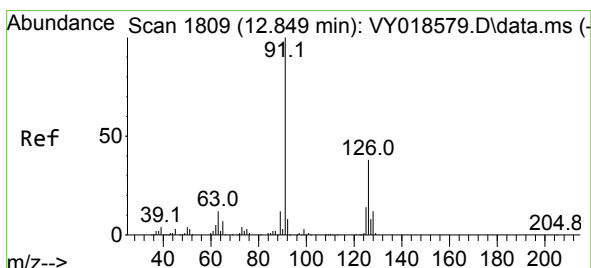
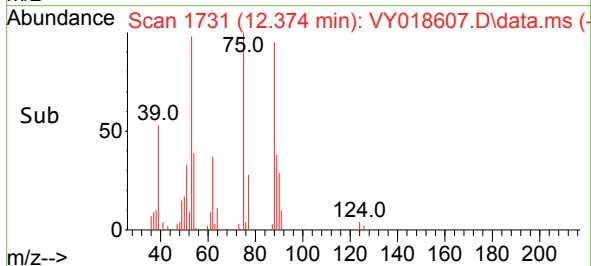
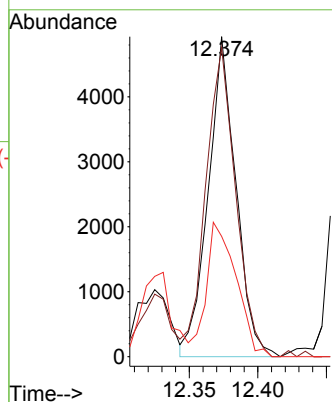
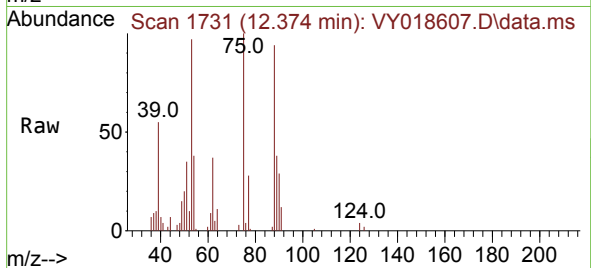




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.859 ug/l
 RT: 12.374 min Scan# 1731
 Delta R.T. 0.000 min
 Lab File: VY018607.D
 Acq: 17 Jun 2024 13:59

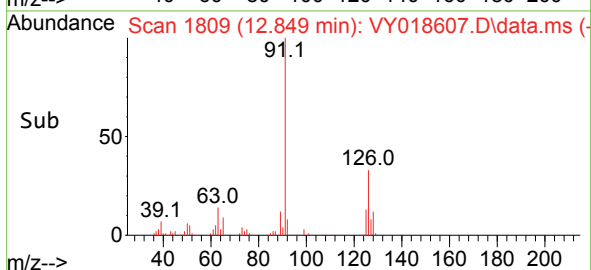
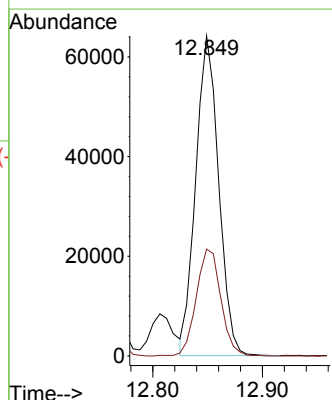
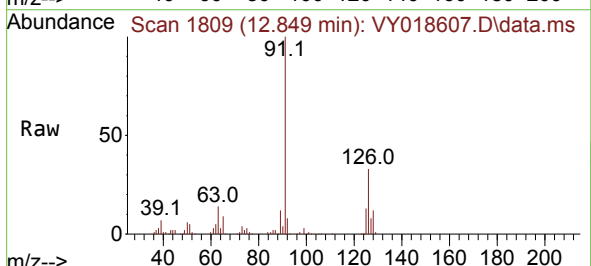
Instrument :
 MSVOA_Y
 ClientSampleId :

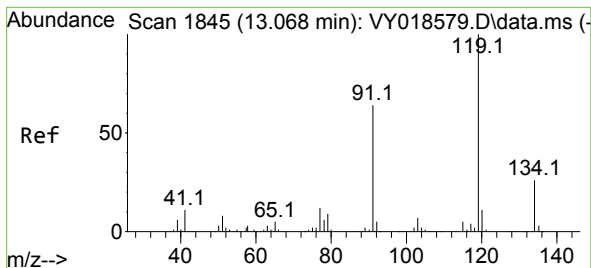
Tgt Ion: 75 Resp: 6926
 Ion Ratio Lower Upper
 75 100
 53 103.6 66.8 100.2#
 89 45.2 35.8 53.6



#82
 4-Chlorotoluene
 Concen: 19.700 ug/l
 RT: 12.849 min Scan# 1809
 Delta R.T. 0.000 min
 Lab File: VY018607.D
 Acq: 17 Jun 2024 13:59

Tgt Ion: 91 Resp: 93196
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.026 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

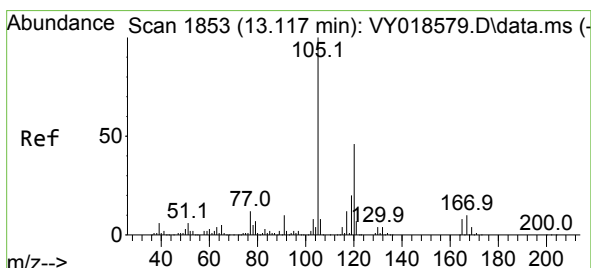
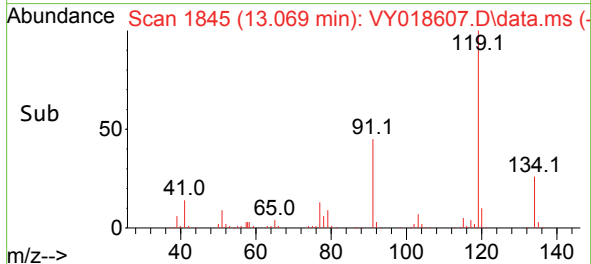
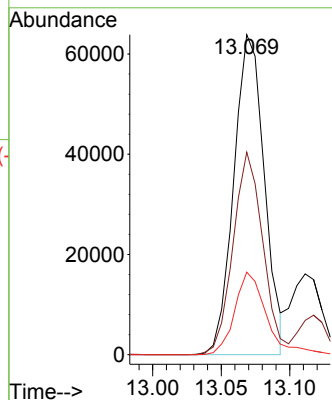
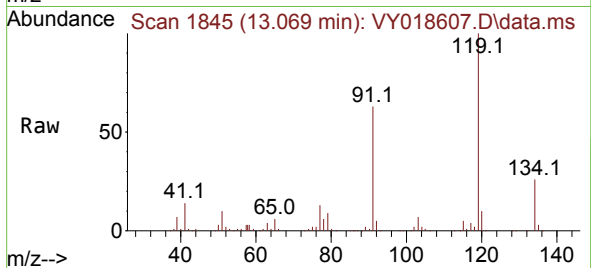
Tgt Ion:119 Resp: 99247

Ion Ratio Lower Upper

119 100

91 61.9 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.274 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018607.D

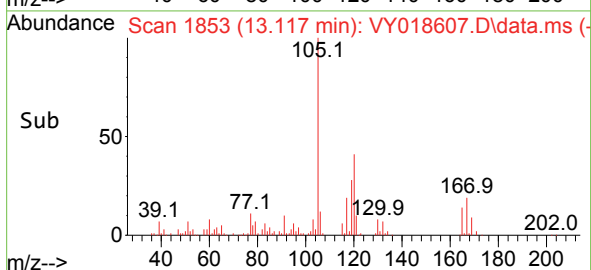
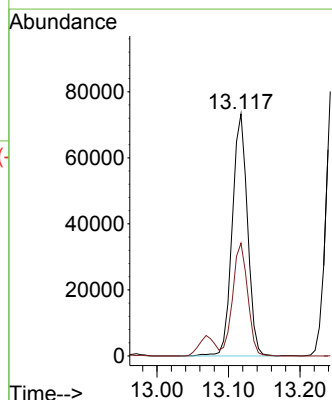
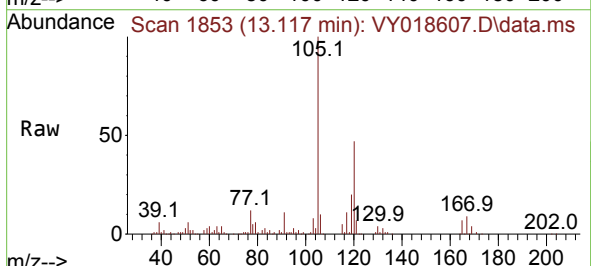
Acq: 17 Jun 2024 13:59

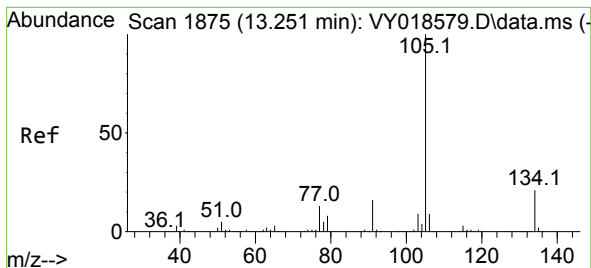
Tgt Ion:105 Resp: 108576

Ion Ratio Lower Upper

105 100

120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.089 ug/l

RT: 13.245 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

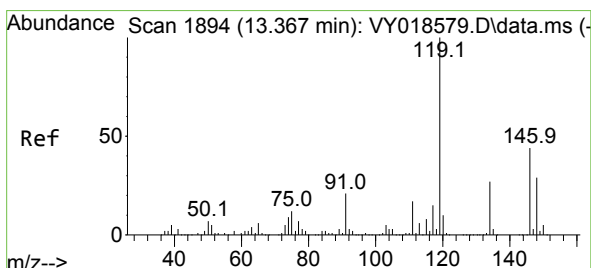
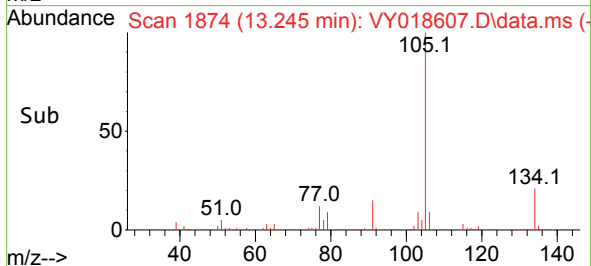
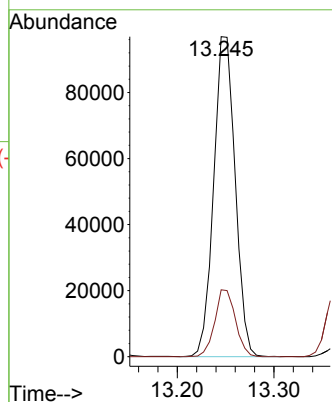
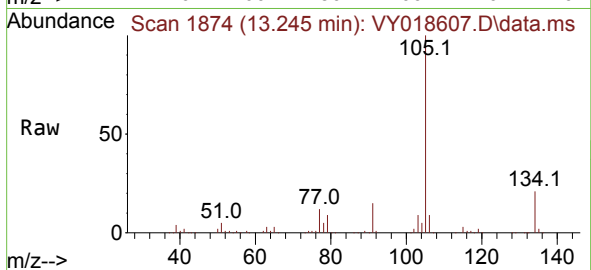
ClientSampleId :

Tgt Ion:105 Resp: 149457

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.303 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

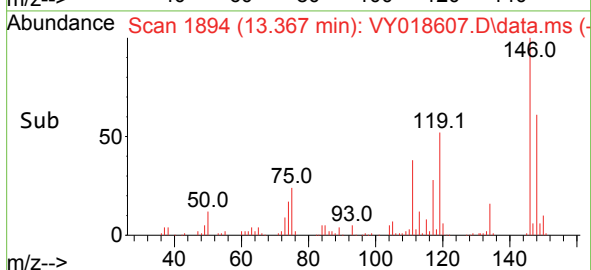
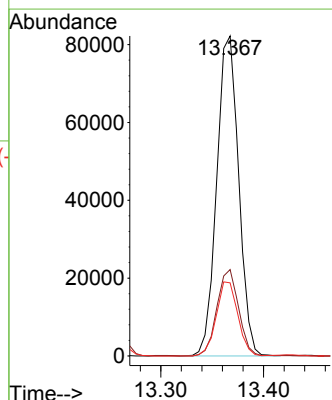
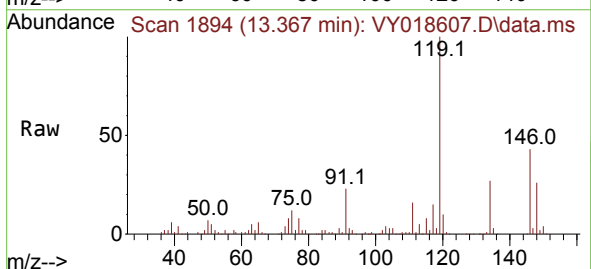
Tgt Ion:119 Resp: 121748

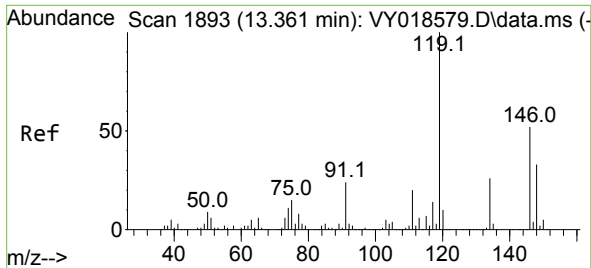
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 22.8 10.7 32.1

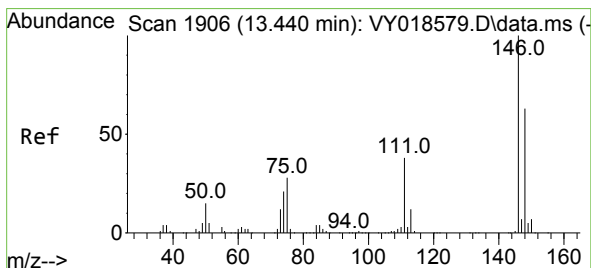
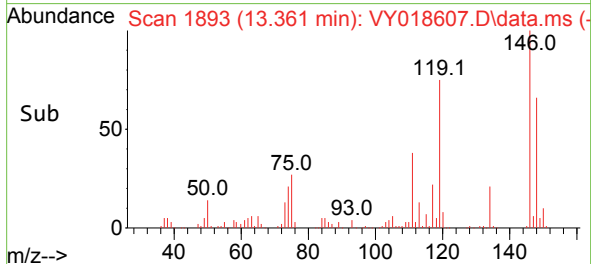
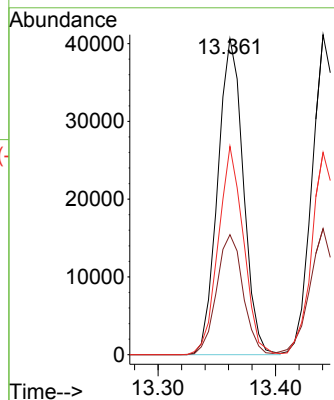
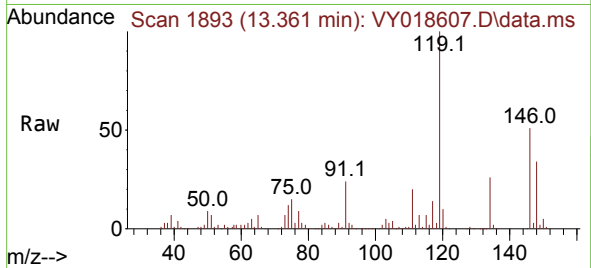




#87
 1,3-Dichlorobenzene
 Concen: 18.544 ug/l
 RT: 13.361 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY018607.D
 Acq: 17 Jun 2024 13:59

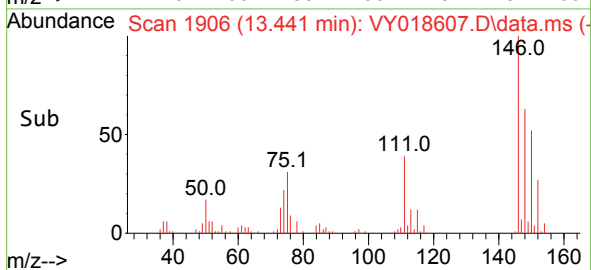
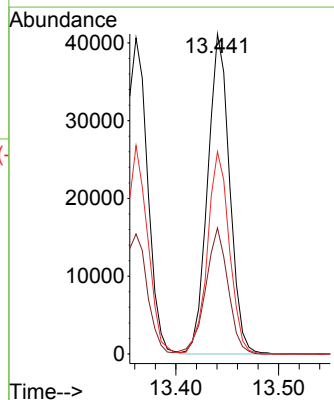
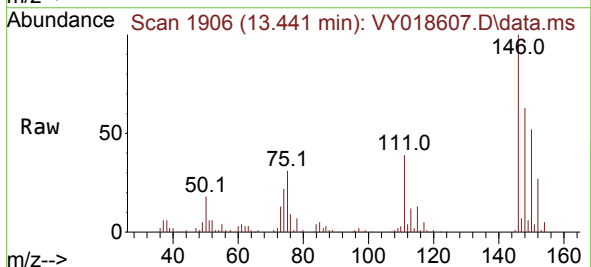
Instrument :
 MSVOA_Y
 ClientSampleId :

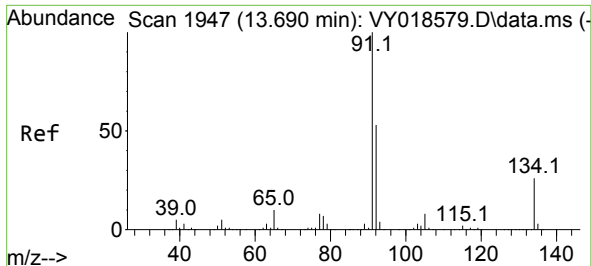
Tgt Ion:146 Resp: 61512
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.0 57.0
 148 64.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.748 ug/l
 RT: 13.441 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY018607.D
 Acq: 17 Jun 2024 13:59

Tgt Ion:146 Resp: 61025
 Ion Ratio Lower Upper
 146 100
 111 40.5 18.4 55.4
 148 63.1 32.4 97.2

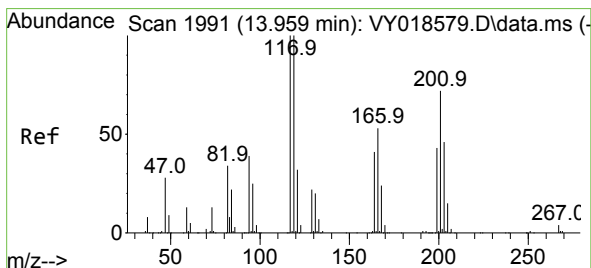
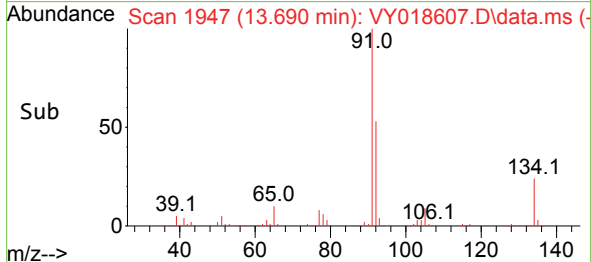
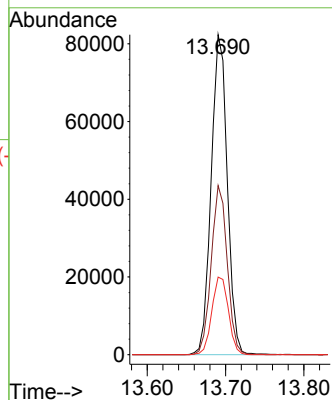
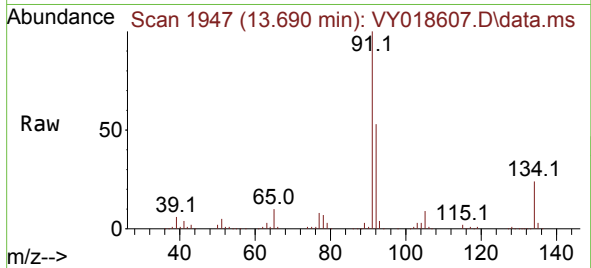




#89
n-Butylbenzene
Concen: 20.651 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

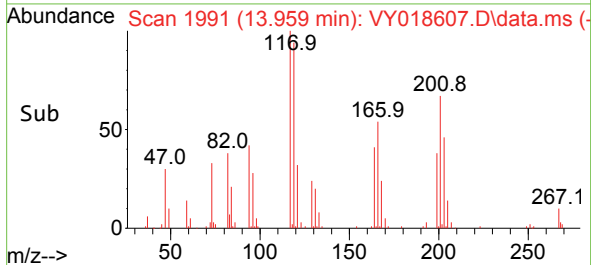
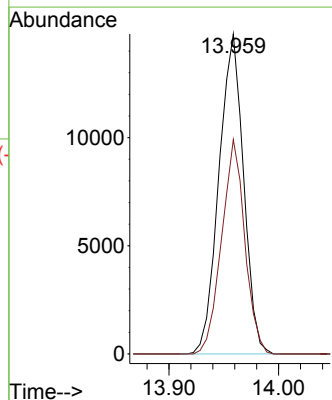
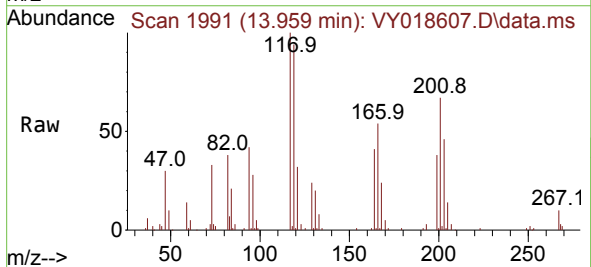
Instrument :
MSVOA_Y
ClientSampleId :

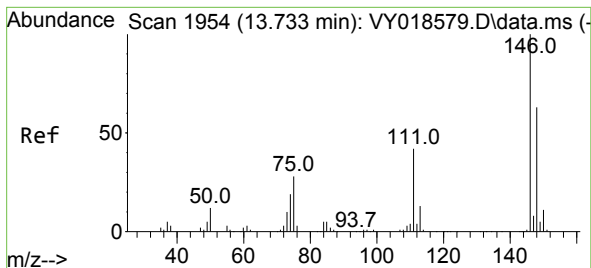
Tgt Ion: 91 Resp: 117401
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.7
134 25.0 12.9 38.7



#90
Hexachloroethane
Concen: 20.128 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY018607.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 117 Resp: 23062
Ion Ratio Lower Upper
117 100
201 63.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.357 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

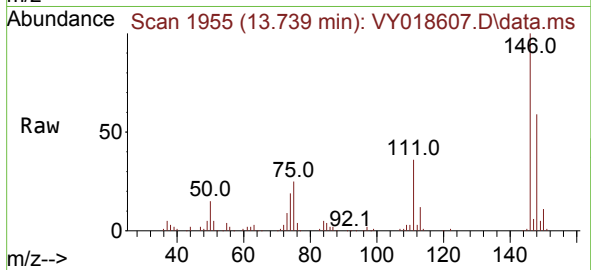
Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :



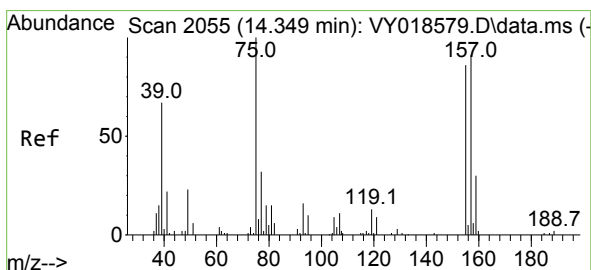
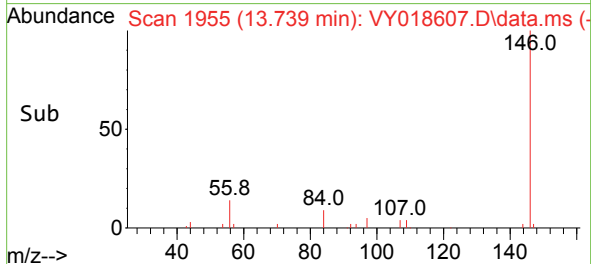
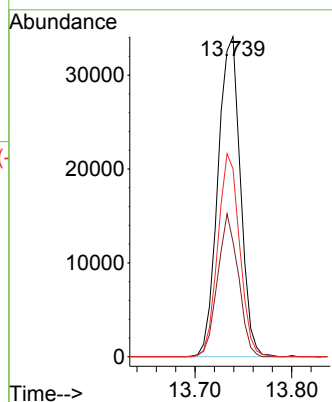
Tgt Ion:146 Resp: 54851

Ion Ratio Lower Upper

146 100

111 41.2 19.9 59.7

148 61.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.311 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

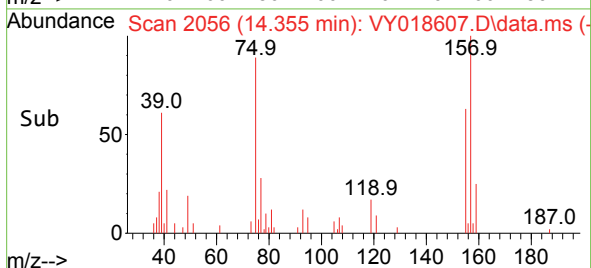
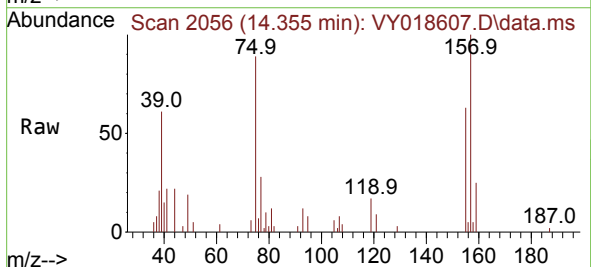
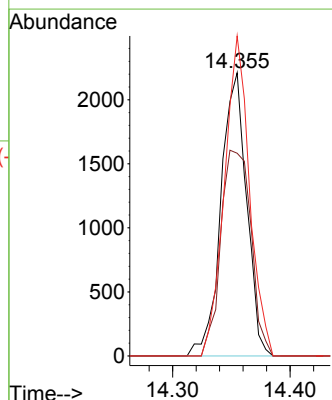
Tgt Ion: 75 Resp: 3348

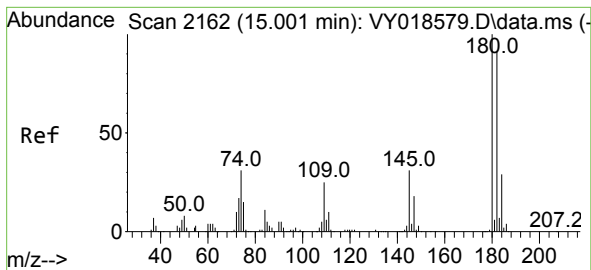
Ion Ratio Lower Upper

75 100

155 85.5 48.6 145.8

157 110.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.617 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

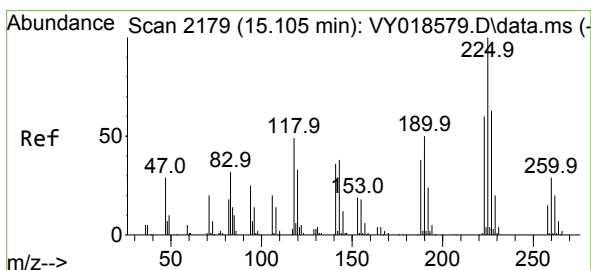
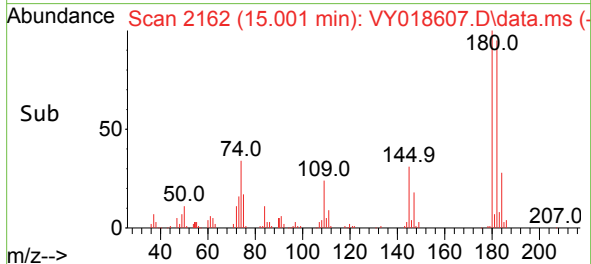
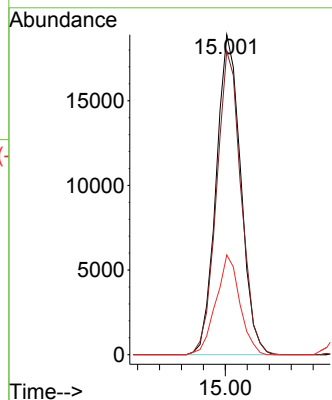
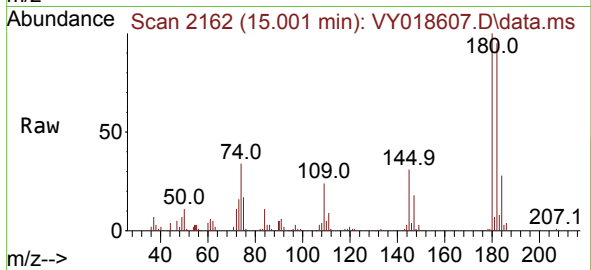
Tgt Ion:180 Resp: 29390

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.8

145 30.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.872 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

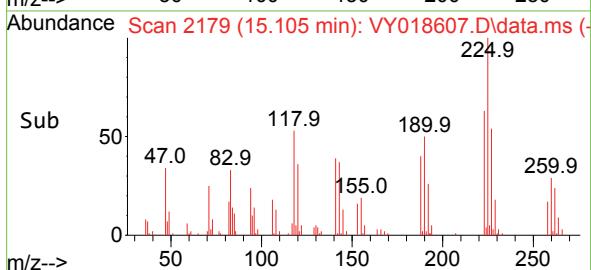
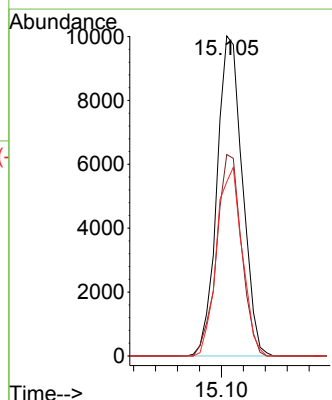
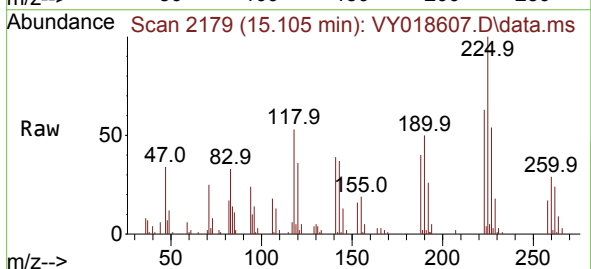
Tgt Ion:225 Resp: 16119

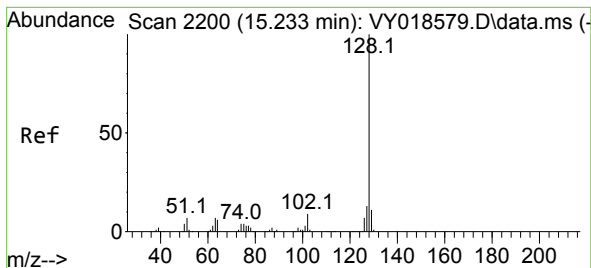
Ion Ratio Lower Upper

225 100

223 61.6 30.4 91.2

227 59.2 31.9 95.9





#95

Naphthalene

Concen: 18.535 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018607.D

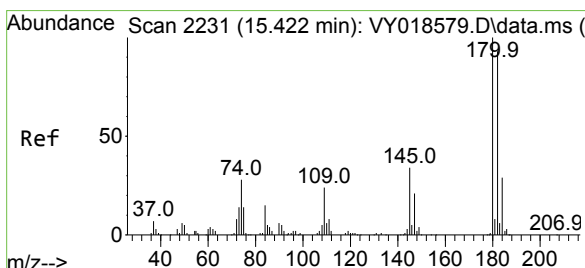
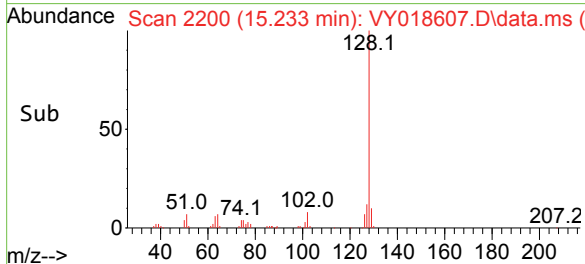
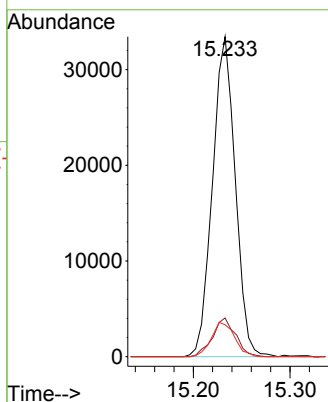
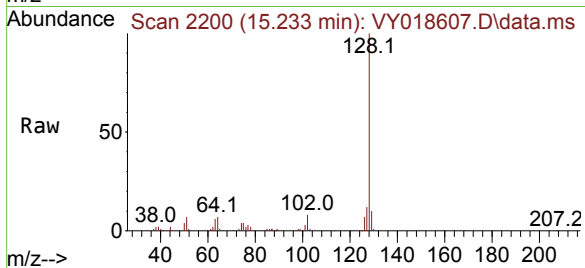
Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	54681
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.6 16.0
129	11.0	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.400 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018607.D

Acq: 17 Jun 2024 13:59

Tgt Ion:180	Resp:	24544
Ion Ratio	Lower	Upper
180	100	
182	96.3	47.6 142.9
145	31.9	15.4 46.1

