

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062424\
 Data File : VY018671.D
 Acq On : 24 Jun 2024 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 25 01:05:51 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	154731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	248351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	223681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	78060	50.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.220%	
35) Dibromofluoromethane	7.704	113	86406	57.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.060%	
50) Toluene-d8	10.173	98	320466	55.005	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.020%	
62) 4-Bromofluorobenzene	12.477	95	102810	55.884	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	47289	46.403	ug/l	99
3) Chloromethane	2.107	50	94417	44.984	ug/l	98
4) Vinyl Chloride	2.241	62	116315	44.749	ug/l	99
5) Bromomethane	2.637	94	79351	41.072	ug/l	96
6) Chloroethane	2.778	64	75529	44.357	ug/l	98
7) Trichlorofluoromethane	3.107	101	138725	49.561	ug/l	98
8) Diethyl Ether	3.515	74	37867	47.447	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	78973	53.999	ug/l	98
10) Methyl Iodide	4.070	142	89174	50.423	ug/l	98
11) Tert butyl alcohol	4.942	59	27864	99.439	ug/l #	88
12) 1,1-Dichloroethene	3.851	96	74131	50.439	ug/l	99
13) Acrolein	3.710	56	20461	227.126	ug/l	99
14) Allyl chloride	4.454	41	93466	47.172	ug/l	98
15) Acrylonitrile	5.143	53	79623	224.265	ug/l	97
16) Acetone	3.930	43	100047	315.664	ug/l	95
17) Carbon Disulfide	4.180	76	199638	45.020	ug/l	100
18) Methyl Acetate	4.460	43	38655	48.084	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	178863	45.622	ug/l	100
20) Methylene Chloride	4.698	84	83927	41.432	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	81829	48.909	ug/l	95
22) Diisopropyl ether	6.100	45	208505	46.614	ug/l	93
23) Vinyl Acetate	6.039	43	837501	202.240	ug/l	98
24) 1,1-Dichloroethane	6.003	63	135040	46.861	ug/l	100
25) 2-Butanone	6.972	43	121444	255.628	ug/l	98
26) 2,2-Dichloropropane	6.966	77	117398	48.354	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	96338	47.672	ug/l	99
28) Bromochloromethane	7.320	49	52273	44.256	ug/l	97
29) Tetrahydrofuran	7.332	42	65703	225.360	ug/l	97
30) Chloroform	7.496	83	147118	46.845	ug/l	98
31) Cyclohexane	7.777	56	111651	46.789	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	131507	49.290	ug/l	97
36) 1,1-Dichloropropene	7.905	75	105394	50.541	ug/l	99
37) Ethyl Acetate	7.063	43	45867	46.659	ug/l	97
38) Carbon Tetrachloride	7.887	117	118023	53.947	ug/l	99
39) Methylcyclohexane	9.173	83	137665	53.878	ug/l	97
40) Benzene	8.149	78	322306	49.976	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	23033	46.587	ug/l #	75
42) 1,2-Dichloroethane	8.228	62	80266	47.706	ug/l	100
43) Isopropyl Acetate	8.265	43	86352	47.064	ug/l	97
44) Trichloroethene	8.935	130	89284	52.879	ug/l	97
45) 1,2-Dichloropropane	9.209	63	72322	49.043	ug/l	98
46) Dibromomethane	9.295	93	45570	49.802	ug/l	100
47) Bromodichloromethane	9.490	83	111344	50.984	ug/l	100
48) Methyl methacrylate	9.289	41	40454	48.976	ug/l	95
49) 1,4-Dioxane	9.289	88	10775	895.375	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	231408	239.441	ug/l	97
52) Toluene	10.240	92	211492	51.077	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	101079	52.963	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	119601	51.930	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	61393	50.445	ug/l	96
56) Ethyl methacrylate	10.502	69	80963	50.838	ug/l	95
57) 1,3-Dichloropropane	10.788	76	100726	49.823	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	190117	247.282	ug/l	97
59) 2-Hexanone	10.825	43	180850	267.148	ug/l	98
60) Dibromochloromethane	10.977	129	81726	54.057	ug/l	100
61) 1,2-Dibromoethane	11.087	107	58597	52.097	ug/l	99
64) Tetrachloroethene	10.715	164	83773	52.509	ug/l	99
65) Chlorobenzene	11.514	112	235698	51.008	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	80848	52.211	ug/l	99
67) Ethyl Benzene	11.587	91	405554	50.583	ug/l	98
68) m/p-Xylenes	11.697	106	322173	103.267	ug/l	98
69) o-Xylene	12.026	106	154570	51.522	ug/l	95
70) Styrene	12.038	104	256678	51.789	ug/l	99
71) Bromoform	12.203	173	46584	54.826	ug/l #	96
73) Isopropylbenzene	12.325	105	401042	50.462	ug/l	98
74) N-amyl acetate	12.142	43	78013	47.936	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	67129	47.570	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	83598	81.885	ug/l #	100
77) Bromobenzene	12.605	156	94676	51.512	ug/l	93
78) n-propylbenzene	12.666	91	466826	50.191	ug/l	97
79) 2-Chlorotoluene	12.752	91	257044	48.958	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	315210	50.044	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	20595	52.841	ug/l	93
82) 4-Chlorotoluene	12.849	91	251896	47.645	ug/l	95
83) tert-Butylbenzene	13.075	119	297608	51.051	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	308766	49.045	ug/l	99
85) sec-Butylbenzene	13.251	105	418067	50.282	ug/l	97
86) p-Isopropyltoluene	13.367	119	352741	50.043	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	186889	50.413	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	178798	49.150	ug/l	99
89) n-Butylbenzene	13.696	91	311926	49.096	ug/l	97
90) Hexachloroethane	13.959	117	69767	54.485	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	161082	50.865	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8907	43.590	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	89321	50.627	ug/l	99
94) Hexachlorobutadiene	15.111	225	49111	54.175	ug/l	99
95) Naphthalene	15.233	128	161475	48.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	74890	50.238	ug/l	98

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

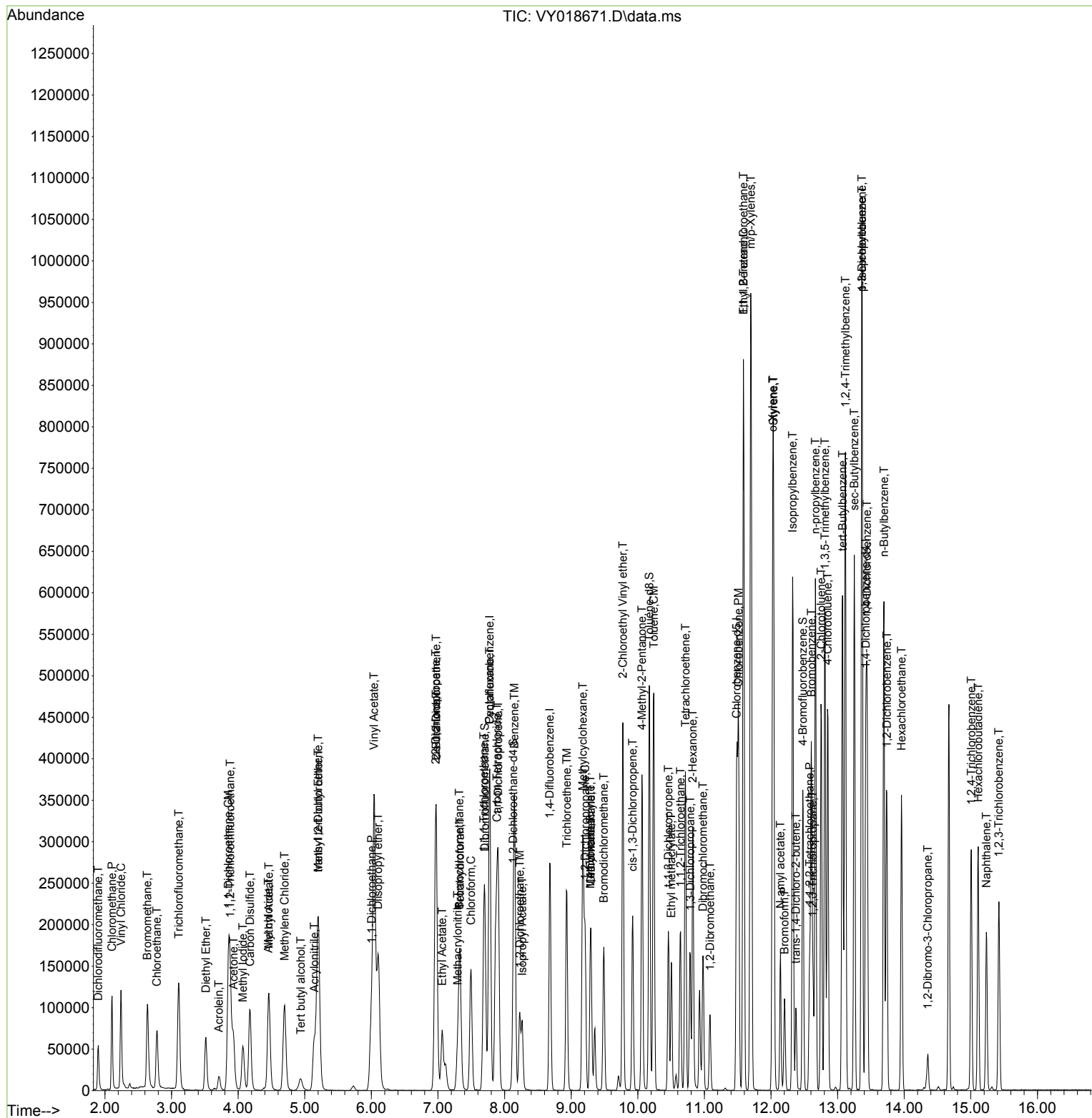
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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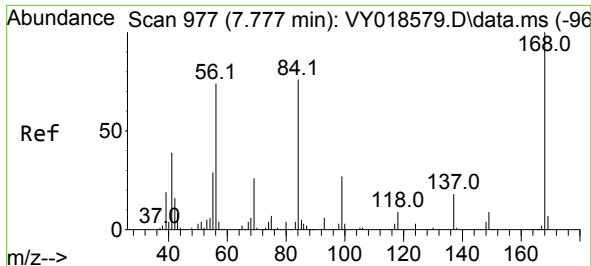
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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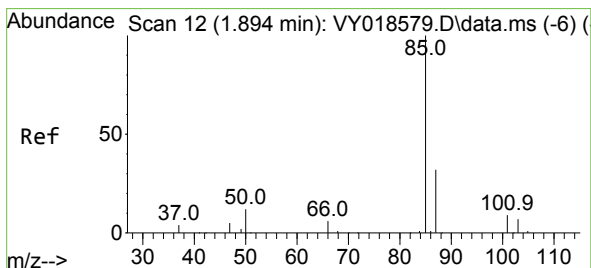
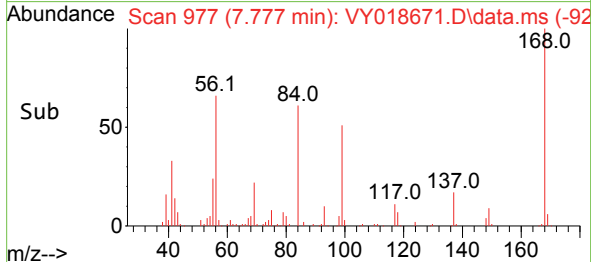
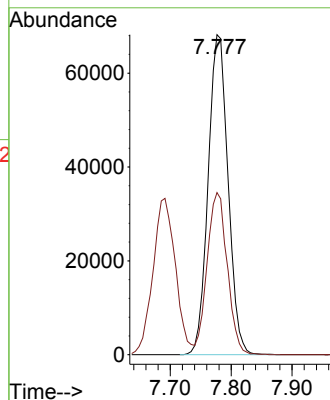
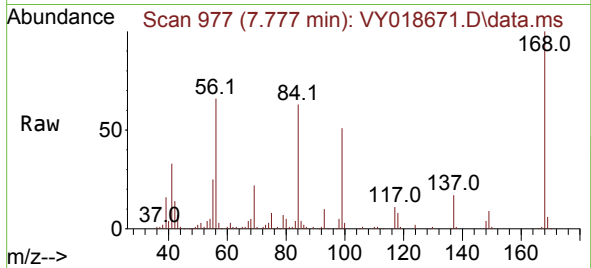




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018671.D
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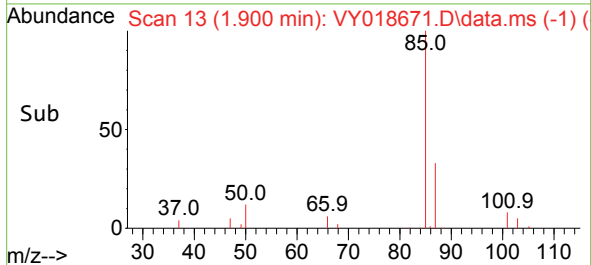
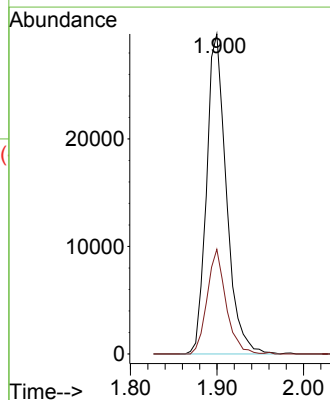
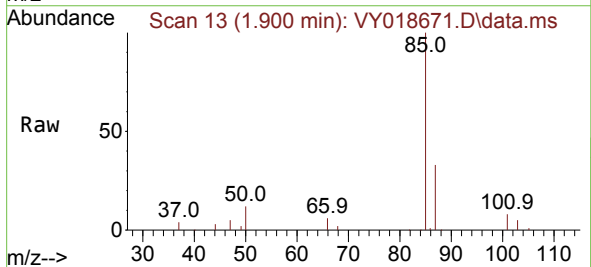
Instrument :
MSVOA_Y
ClientSampleId :

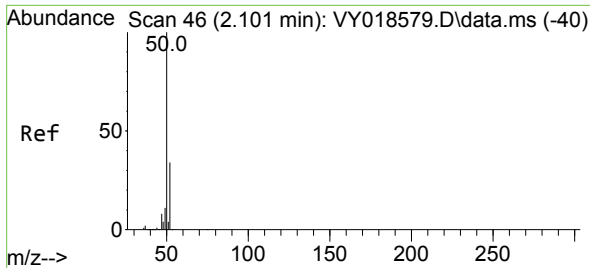
Tgt Ion:168 Resp: 154731
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.403 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

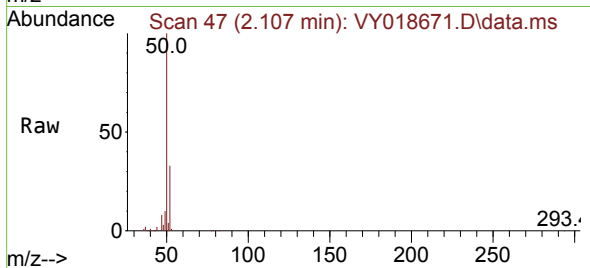
Tgt Ion: 85 Resp: 47289
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0



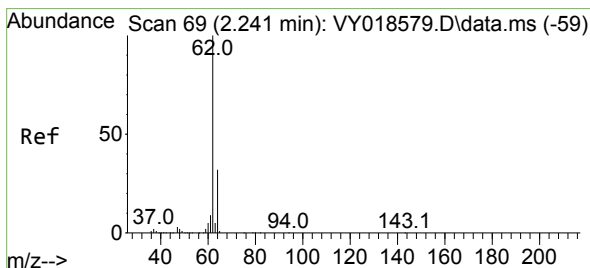
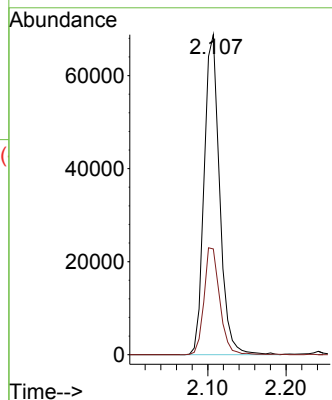
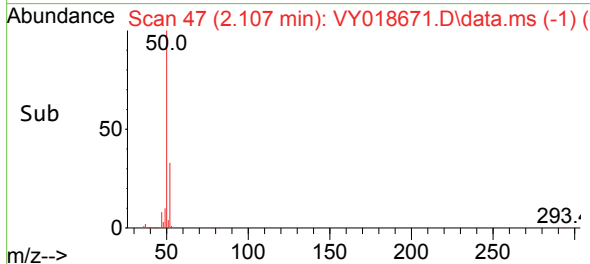


#3
Chloromethane
Concen: 44.984 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Instrument :
MSVOA_Y
ClientSampleId :

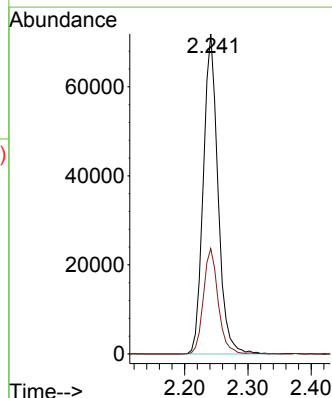
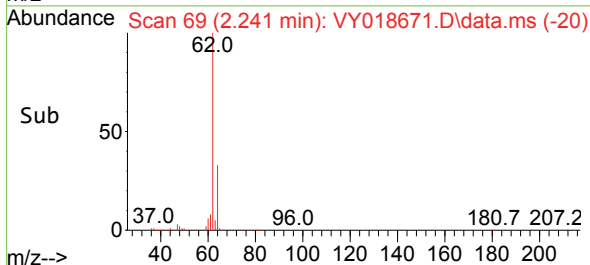
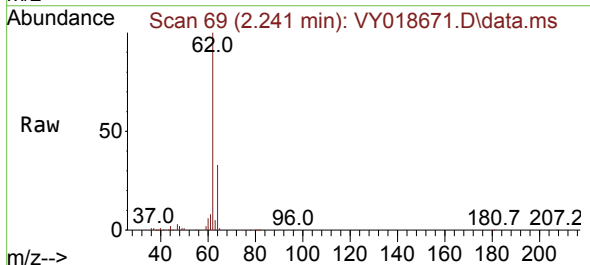


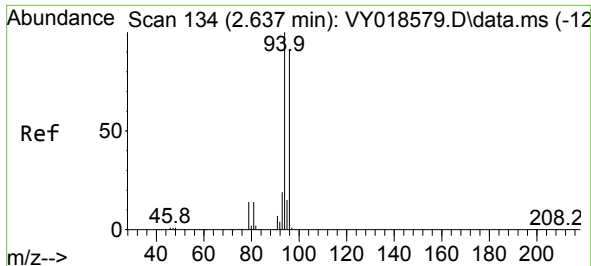
Tgt Ion: 50 Resp: 94417
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4



#4
Vinyl Chloride
Concen: 44.749 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 62 Resp: 116315
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

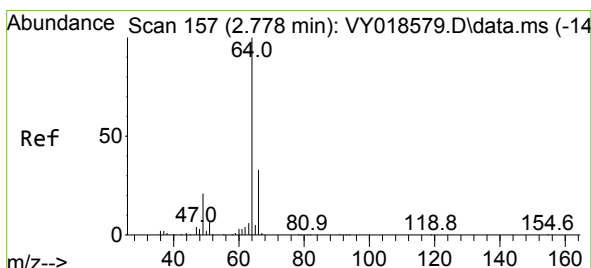
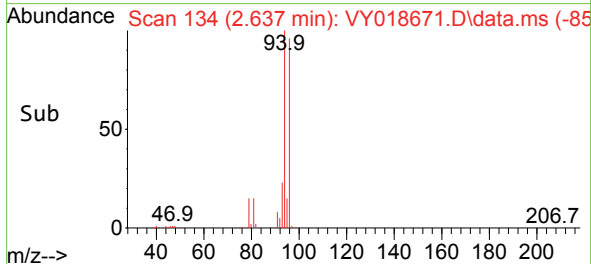
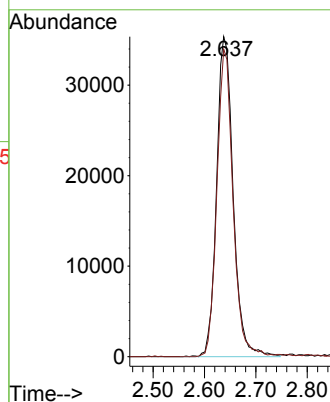
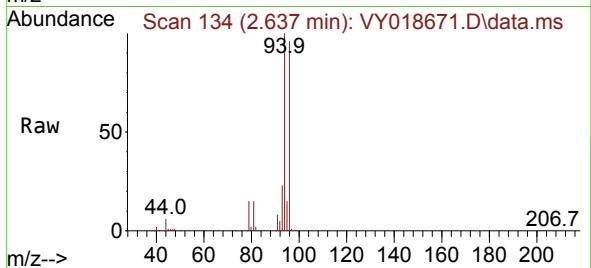




#5
Bromomethane
Concen: 41.072 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

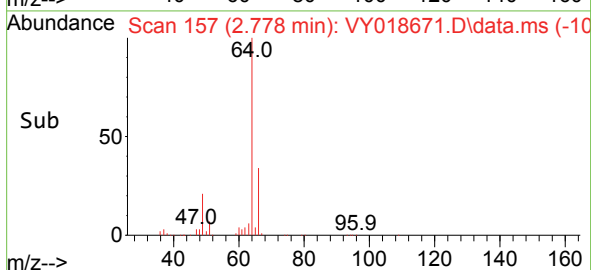
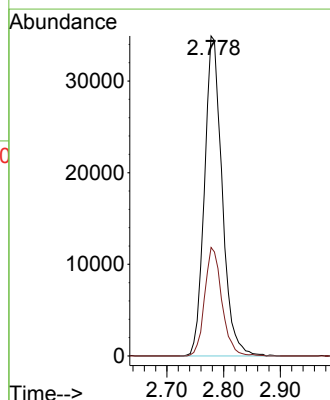
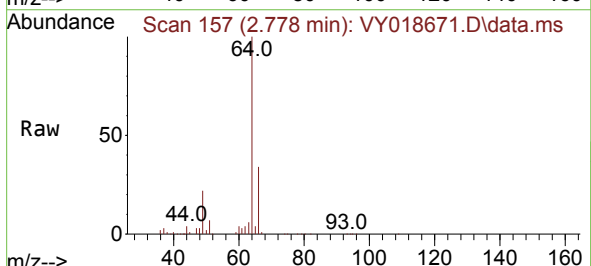
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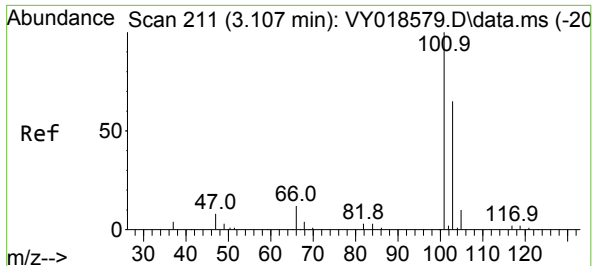
Tgt Ion: 94 Resp: 79351
Ion Ratio Lower Upper
94 100
96 96.0 74.1 111.1



#6
Chloroethane
Concen: 44.357 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

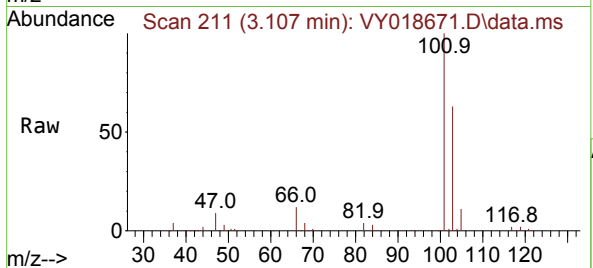
Tgt Ion: 64 Resp: 75529
Ion Ratio Lower Upper
64 100
66 33.9 26.1 39.1



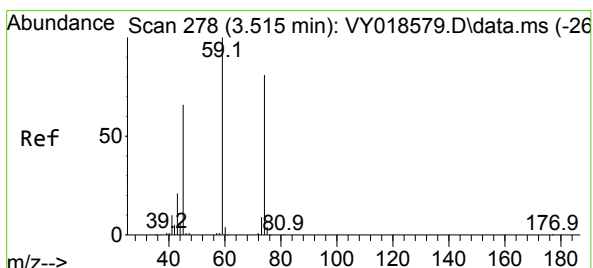
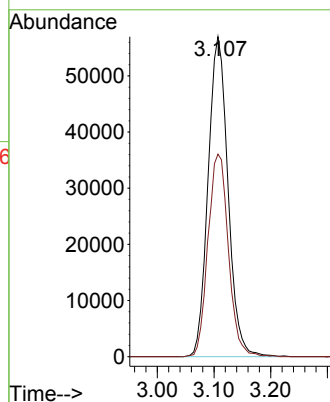
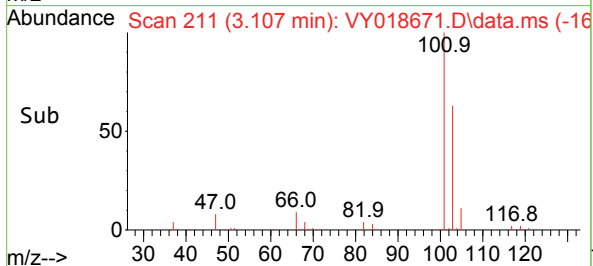


#7
 Trichlorofluoromethane
 Concen: 49.561 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY018671.D
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 ClientSampleId :

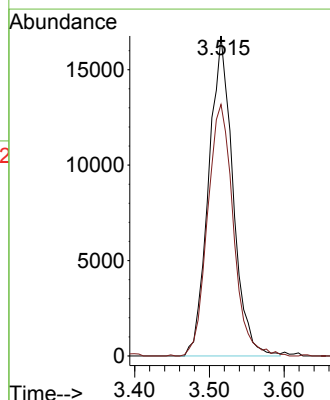
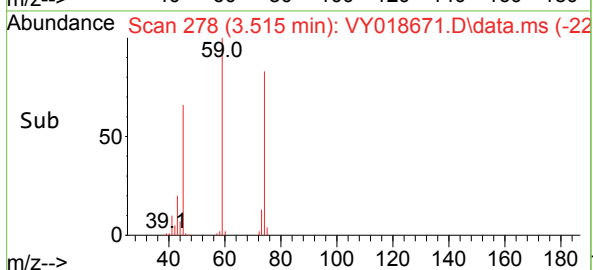
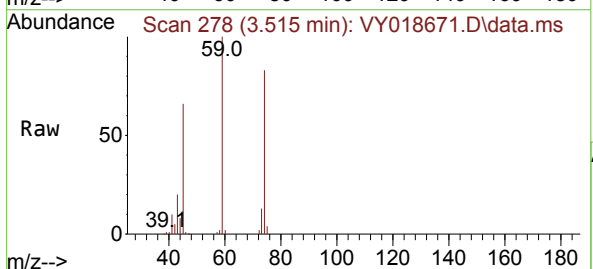


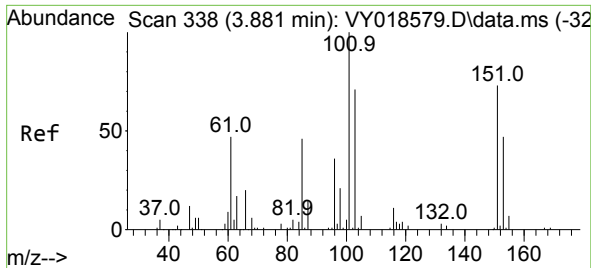
Tgt Ion:101 Resp: 138725
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.447 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018671.D
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Tgt Ion: 74 Resp: 37867
 Ion Ratio Lower Upper
 74 100
 45 83.3 41.3 124.1

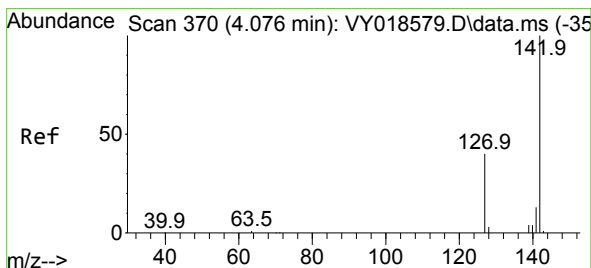
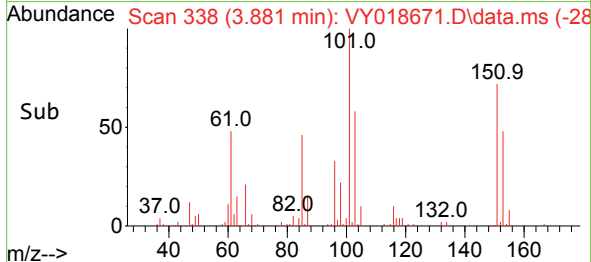
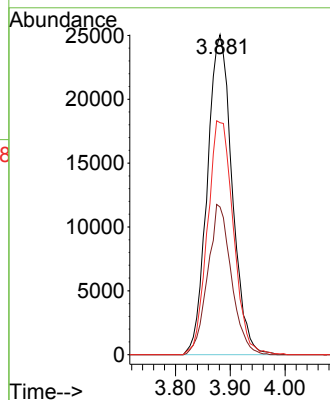
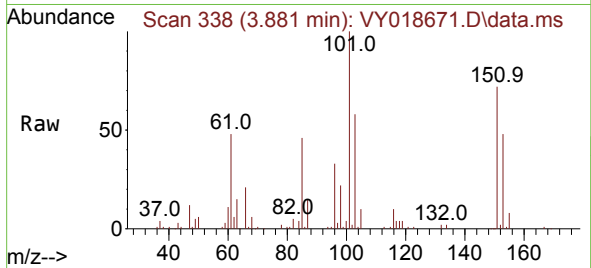




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.999 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

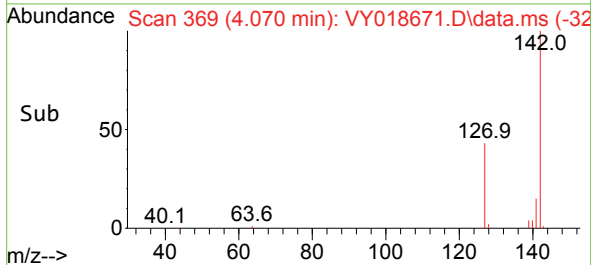
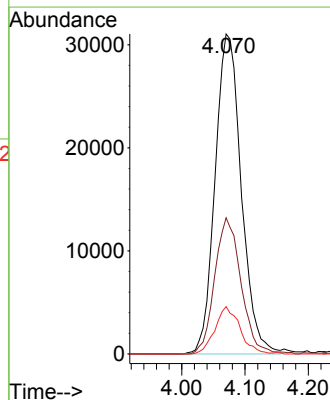
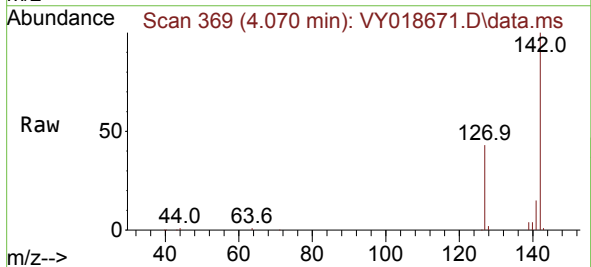
Instrument :
MSVOA_Y
ClientSampleId :

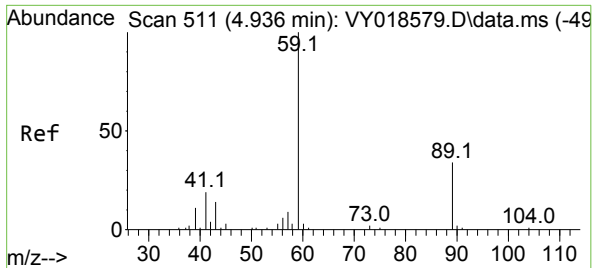
Tgt Ion:101 Resp: 78973
Ion Ratio Lower Upper
101 100
85 44.7 34.5 51.7
151 75.8 61.7 92.5



#10
Methyl Iodide
Concen: 50.423 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion:142 Resp: 89174
Ion Ratio Lower Upper
142 100
127 42.8 32.8 49.2
141 14.2 11.4 17.2

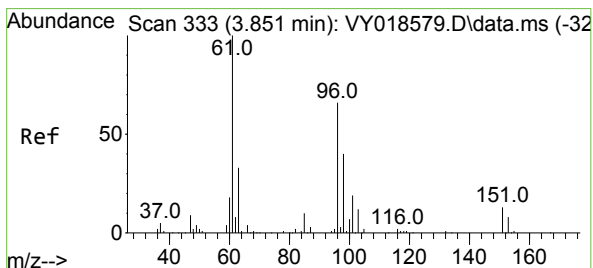
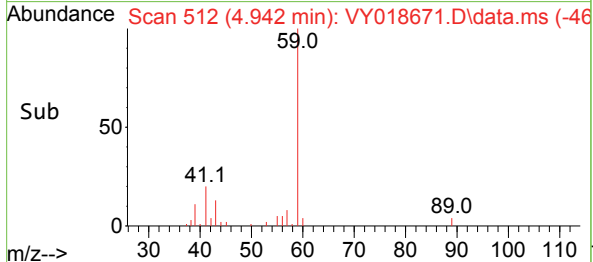
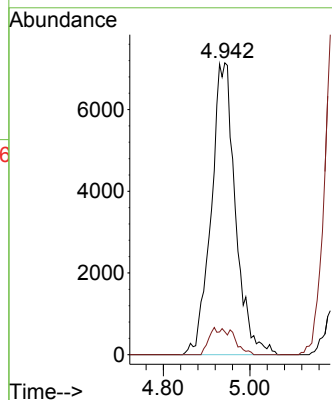
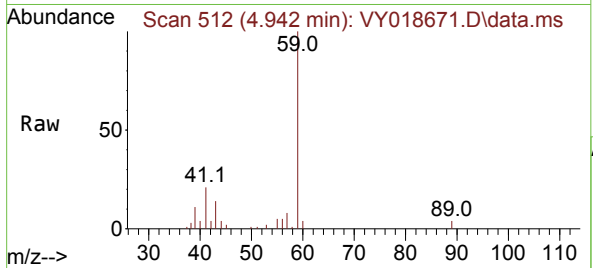




#11
Tert butyl alcohol
Concen: 99.439 ug/l
RT: 4.942 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

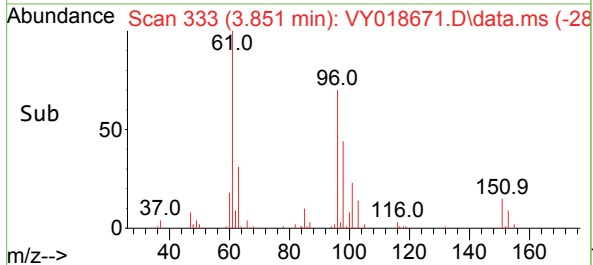
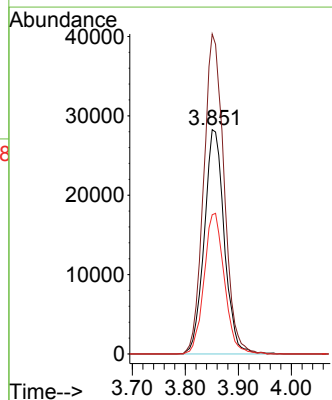
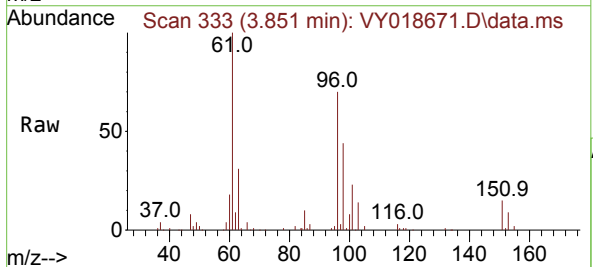
Instrument :
MSVOA_Y
ClientSampleId :

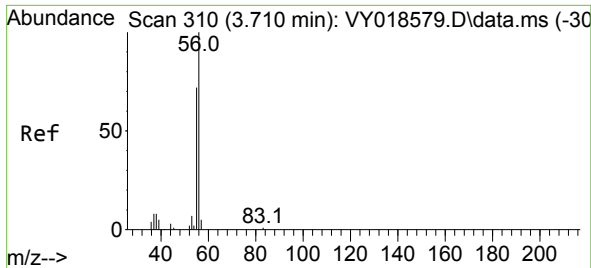
Tgt Ion: 59 Resp: 27864
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.439 ug/l
RT: 3.851 min Scan# 333
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 96 Resp: 74131
Ion Ratio Lower Upper
96 100
61 142.4 114.6 171.8
98 62.0 50.8 76.2





#13

Acrolein

Concen: 227.126 ug/l

RT: 3.710 min Scan# 310

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

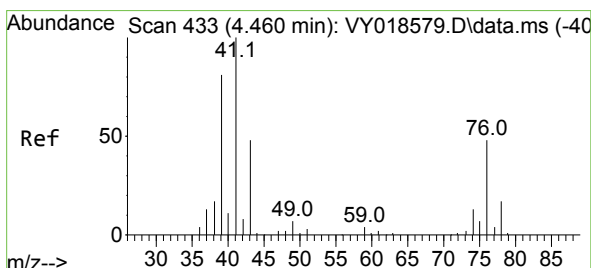
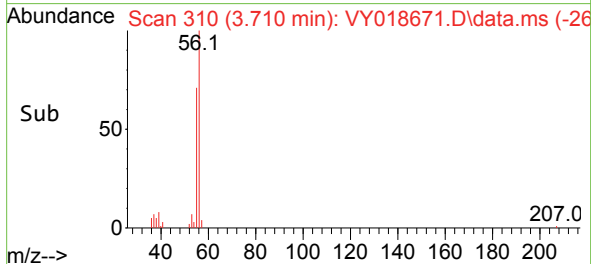
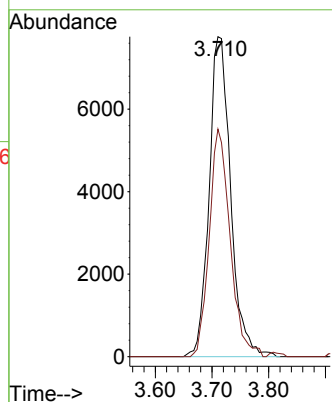
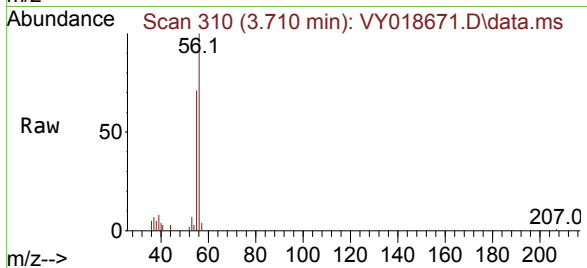
ClientSampleId :

Tgt Ion: 56 Resp: 20461

Ion Ratio Lower Upper

56 100

55 68.8 55.7 83.5



#14

Allyl chloride

Concen: 47.172 ug/l

RT: 4.454 min Scan# 432

Delta R.T. -0.006 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

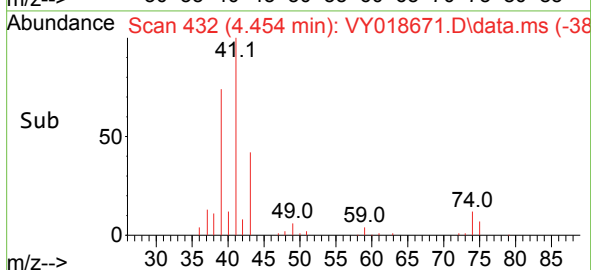
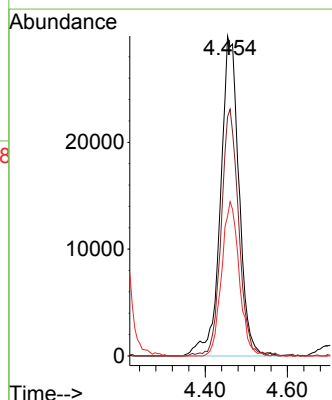
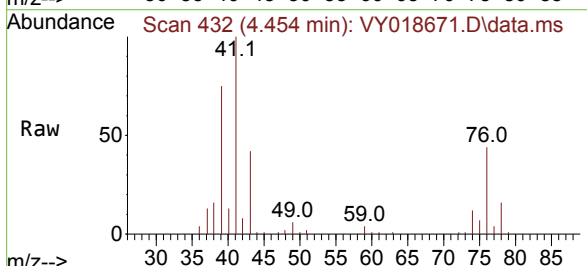
Tgt Ion: 41 Resp: 93466

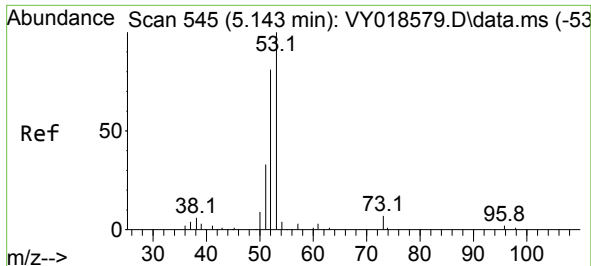
Ion Ratio Lower Upper

41 100

39 72.8 58.3 87.5

76 45.8 39.0 58.6

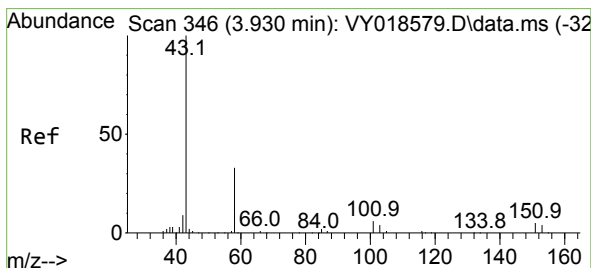
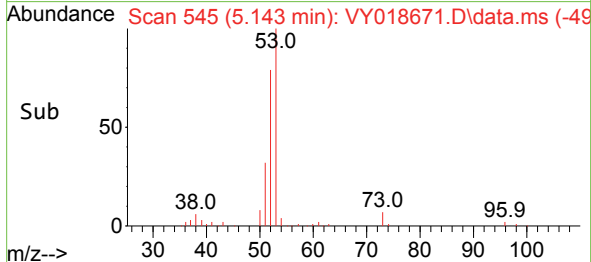
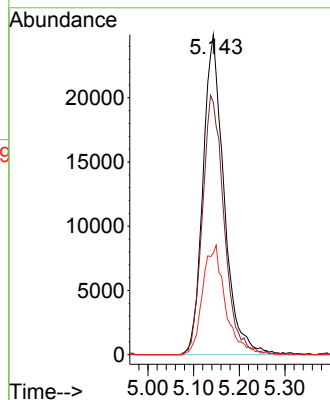
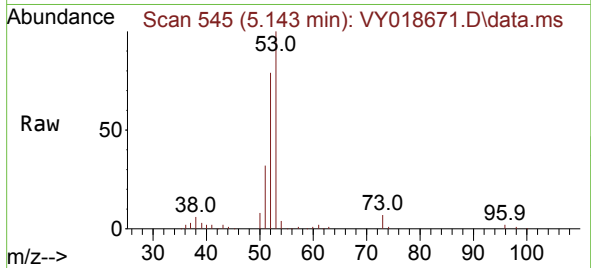




#15
Acrylonitrile
Concen: 224.265 ug/l
RT: 5.143 min Scan# 545
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

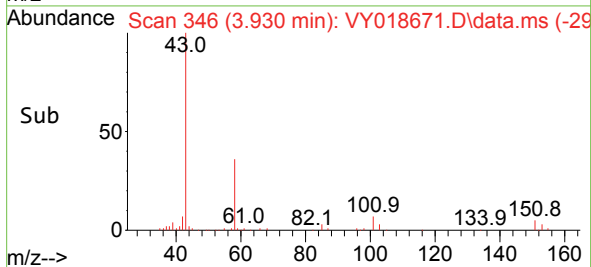
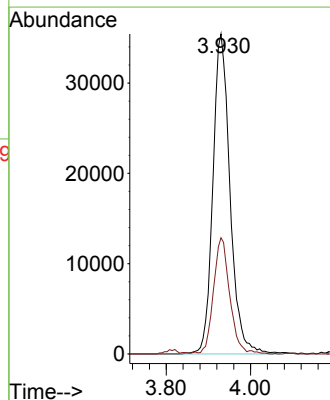
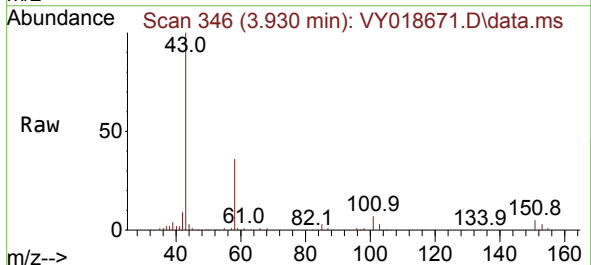
Instrument :
MSVOA_Y
ClientSampleId :

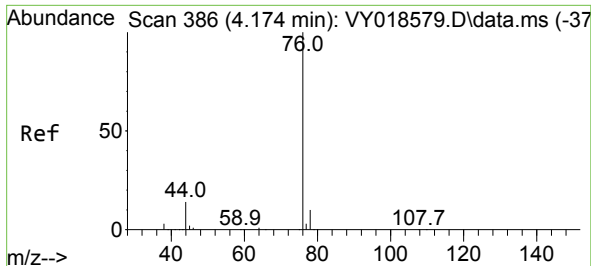
Tgt Ion: 53 Resp: 79623
Ion Ratio Lower Upper
53 100
52 83.5 64.7 97.1
51 37.1 28.4 42.6



#16
Acetone
Concen: 315.664 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 43 Resp: 100047
Ion Ratio Lower Upper
43 100
58 36.3 31.7 47.5

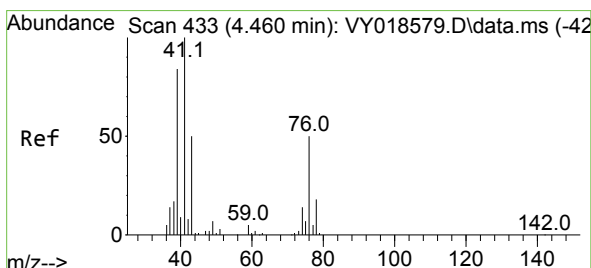
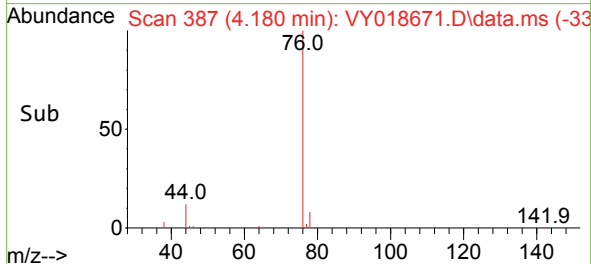
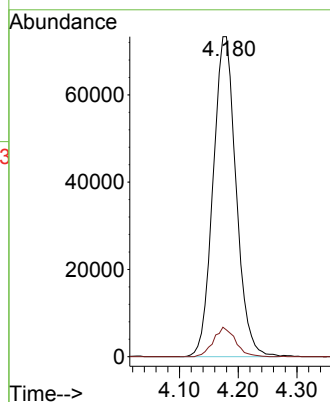
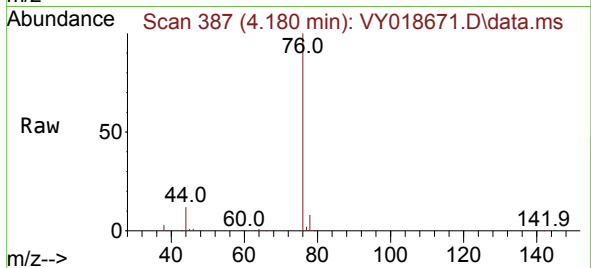




#17
Carbon Disulfide
Concen: 45.020 ug/l
RT: 4.180 min Scan# 386
Delta R.T. 0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

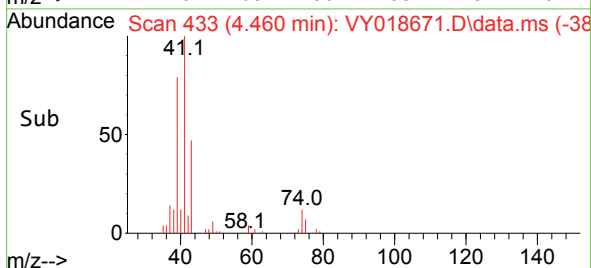
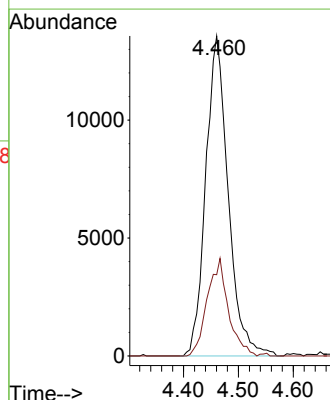
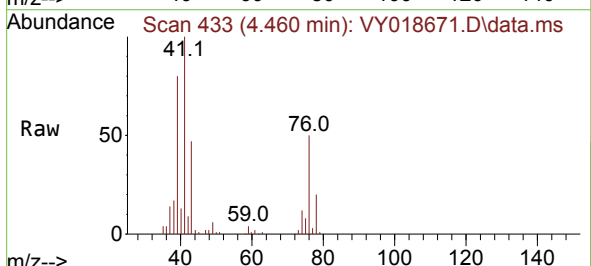
Instrument :
MSVOA_Y
ClientSampleId :

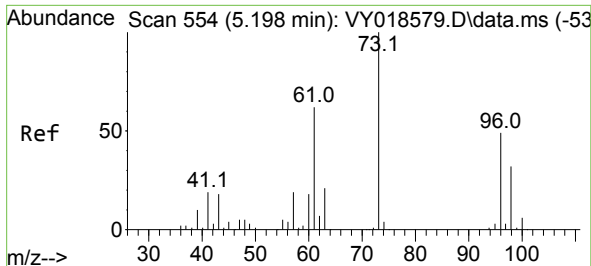
Tgt Ion: 76 Resp: 199638
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 48.084 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 43 Resp: 38655
Ion Ratio Lower Upper
43 100
74 28.6 23.3 34.9

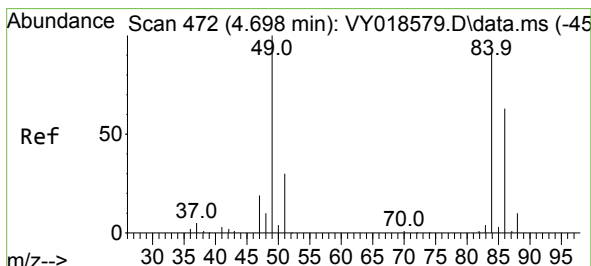
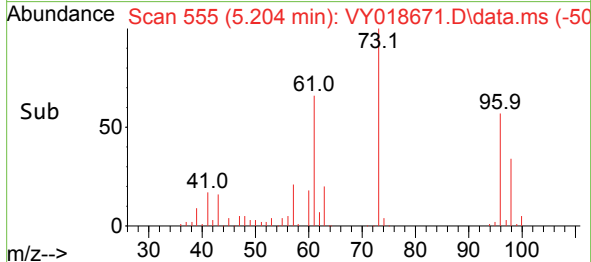
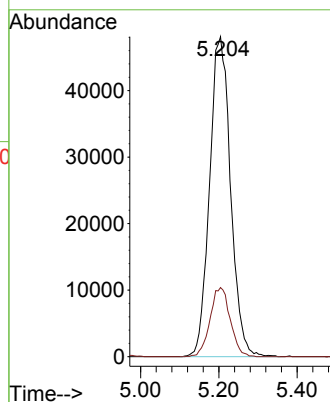
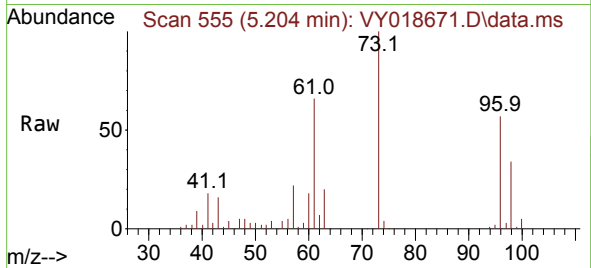




#19
Methyl tert-butyl Ether
Concen: 45.622 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

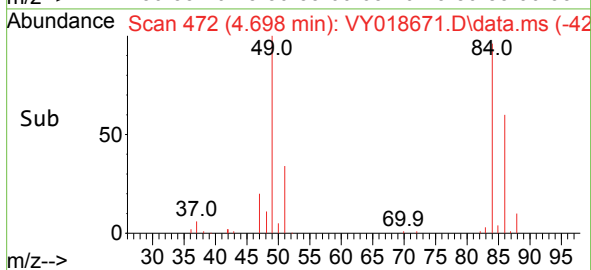
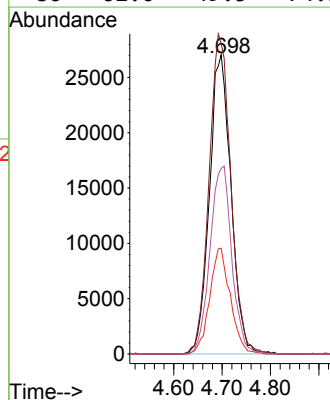
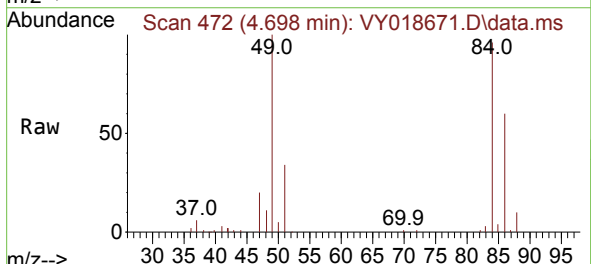
Instrument :
MSVOA_Y
ClientSampleId :

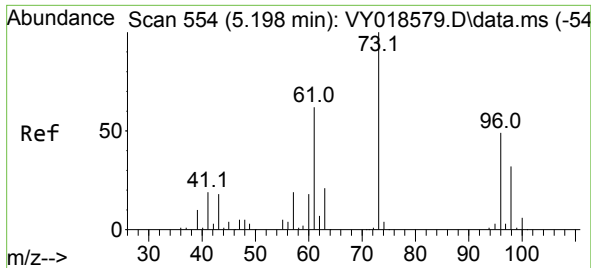
Tgt Ion: 73 Resp: 178863
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 41.432 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

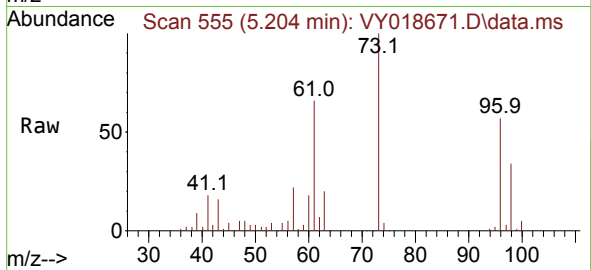
Tgt Ion: 84 Resp: 83927
Ion Ratio Lower Upper
84 100
49 103.8 84.4 126.6
51 35.3 26.0 39.0
86 62.0 49.5 74.3



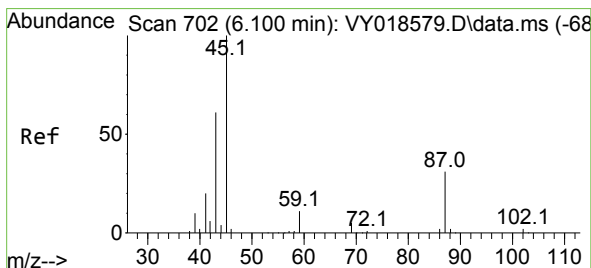
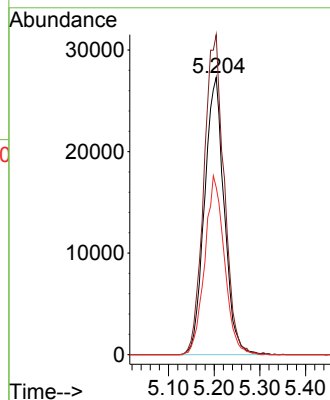
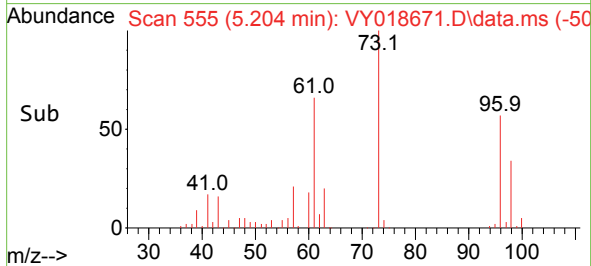


#21
trans-1,2-Dichloroethene
Concen: 48.909 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

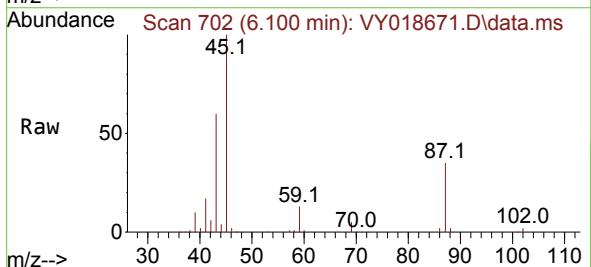
Instrument :
MSVOA_Y
ClientSampleId :



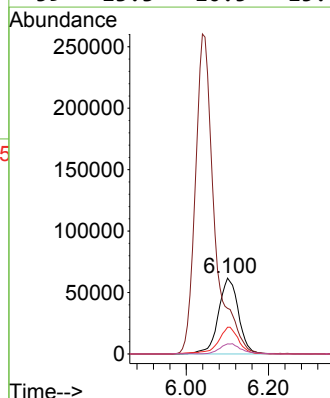
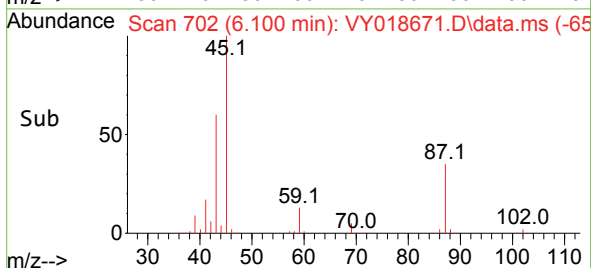
Tgt Ion: 96 Resp: 81829
Ion Ratio Lower Upper
96 100
61 115.4 97.5 146.3
98 60.4 50.5 75.7

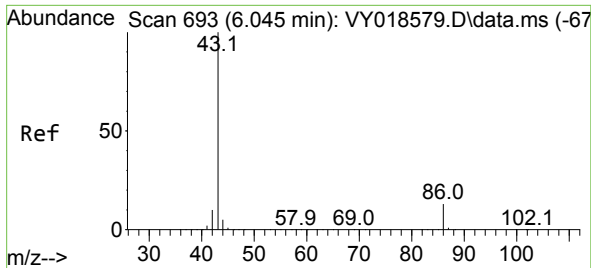


#22
Diisopropyl ether
Concen: 46.614 ug/l
RT: 6.100 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14



Tgt Ion: 45 Resp: 208505
Ion Ratio Lower Upper
45 100
43 59.4 42.2 63.2
87 35.2 25.0 37.6
59 13.3 10.5 15.7

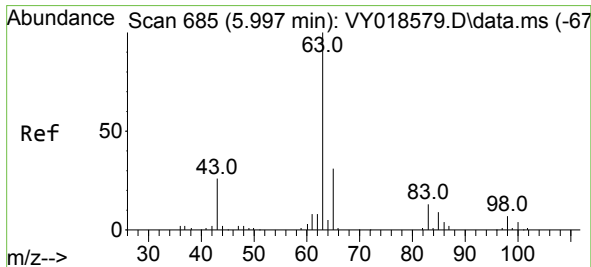
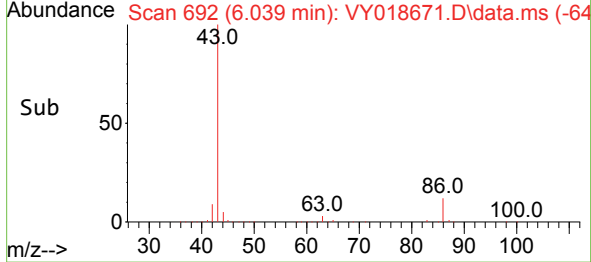
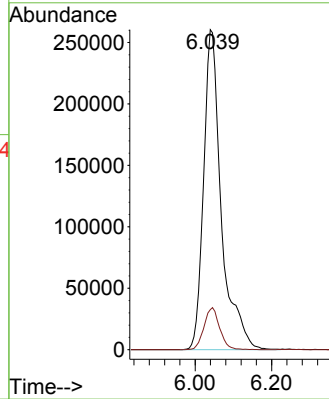
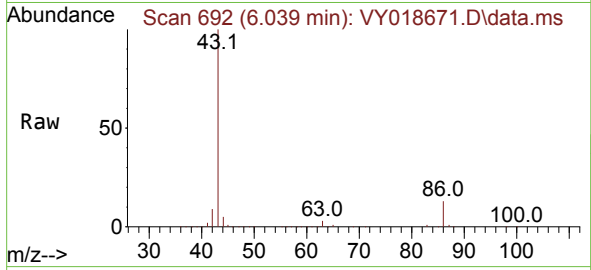




#23
 Vinyl Acetate
 Concen: 202.240 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.006 min
 Lab File: VY018671.D
 Acq: 24 Jun 2024 09:14

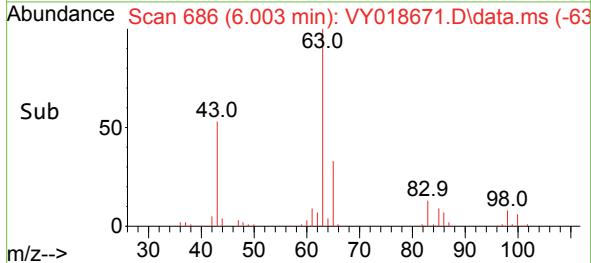
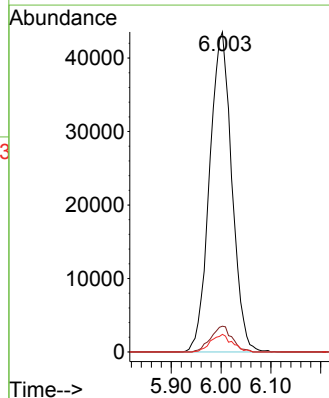
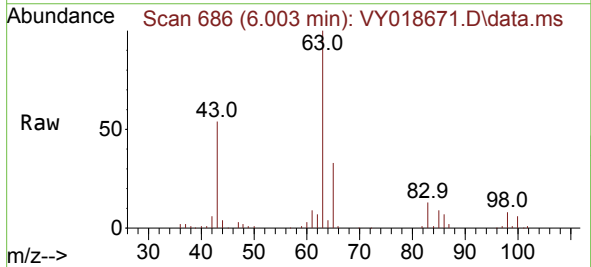
Instrument :
 MSVOA_Y
 ClientSampleId :

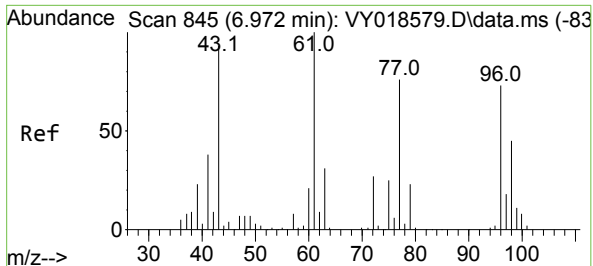
Tgt Ion: 43 Resp: 837501
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 46.861 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: VY018671.D
 Acq: 24 Jun 2024 09:14

Tgt Ion: 63 Resp: 135040
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.5 2.6 8.0

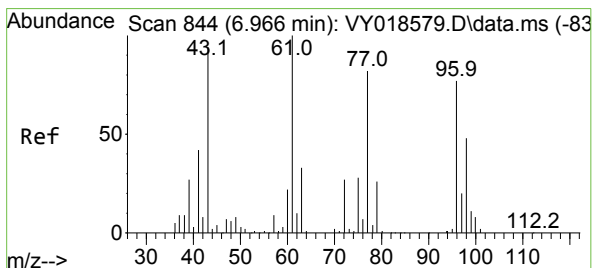
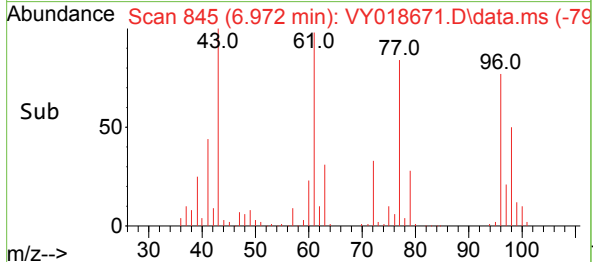
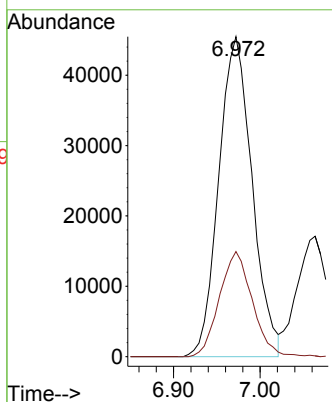
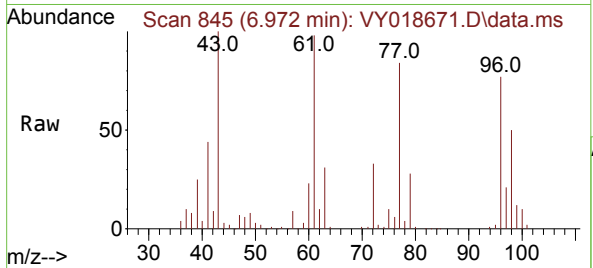




#25
2-Butanone
Concen: 255.628 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

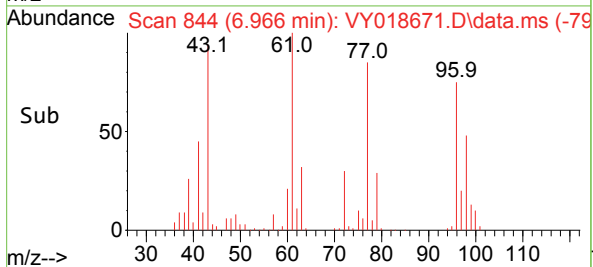
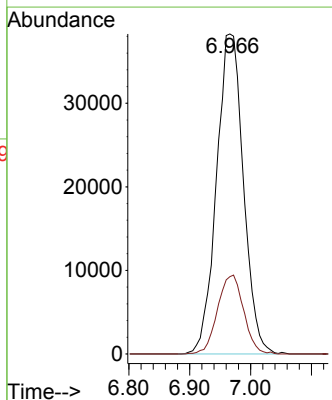
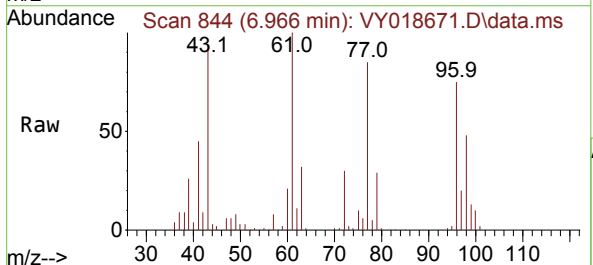
Instrument :
MSVOA_Y
ClientSampleId :

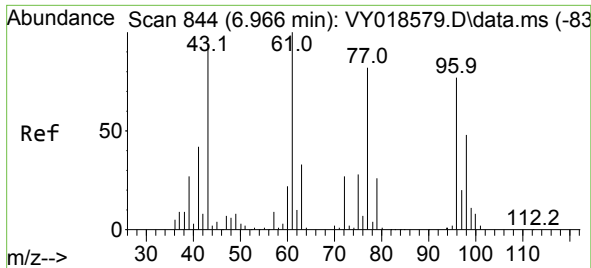
Tgt Ion: 43 Resp: 121444
Ion Ratio Lower Upper
43 100
72 32.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 48.354 ug/l
RT: 6.966 min Scan# 844
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 77 Resp: 117398
Ion Ratio Lower Upper
77 100
97 23.9 12.0 36.1

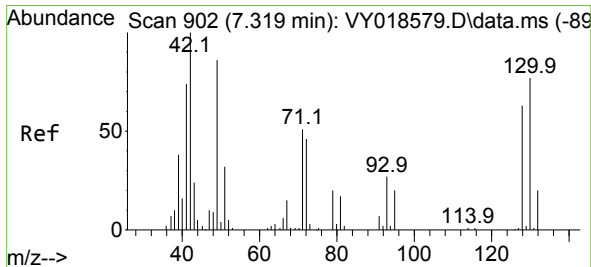
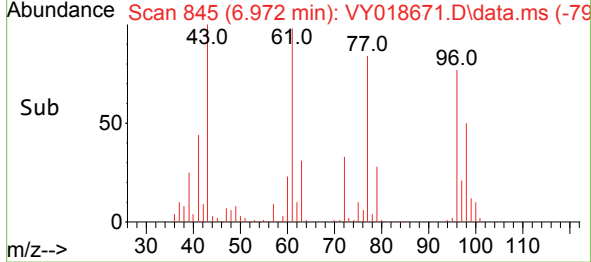
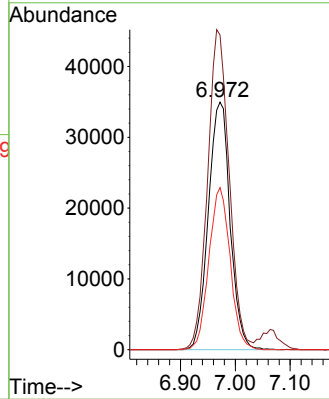
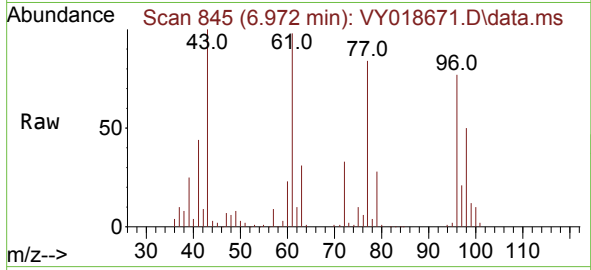




#27
 cis-1,2-Dichloroethene
 Concen: 47.672 ug/l
 RT: 6.972 min Scan# 844
 Delta R.T. 0.006 min
 Lab File: VY018671.D
 Acq: 24 Jun 2024 09:14

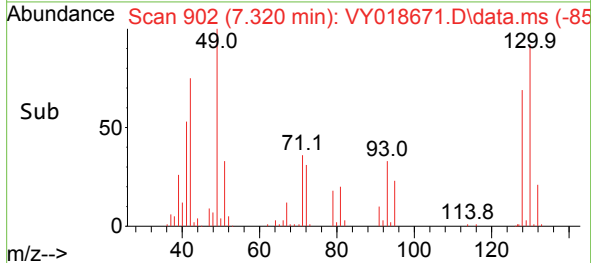
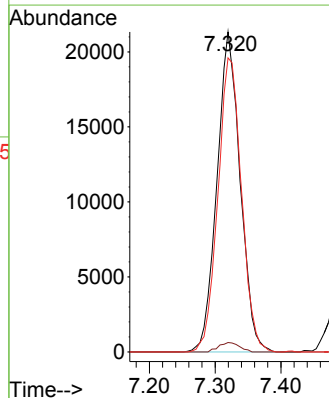
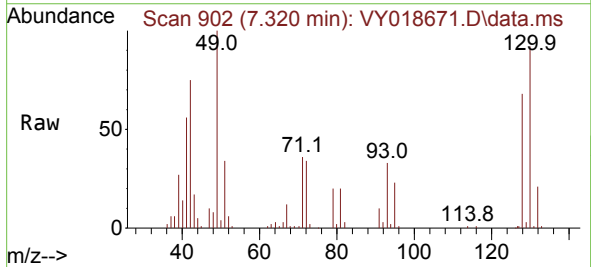
Instrument :
 MSVOA_Y
 ClientSampleId :

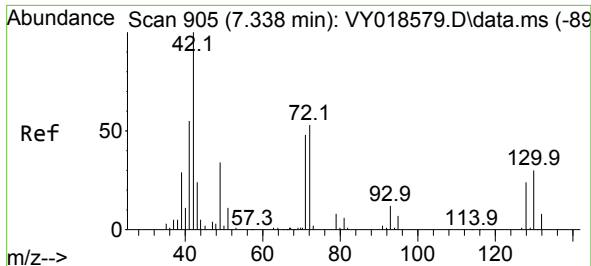
Tgt Ion: 96 Resp: 96338
 Ion Ratio Lower Upper
 96 100
 61 128.3 0.0 256.2
 98 63.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 44.256 ug/l
 RT: 7.320 min Scan# 902
 Delta R.T. 0.000 min
 Lab File: VY018671.D
 Acq: 24 Jun 2024 09:14

Tgt Ion: 49 Resp: 52273
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 93.5 72.7 109.1

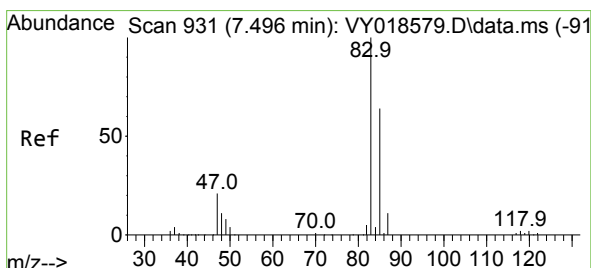
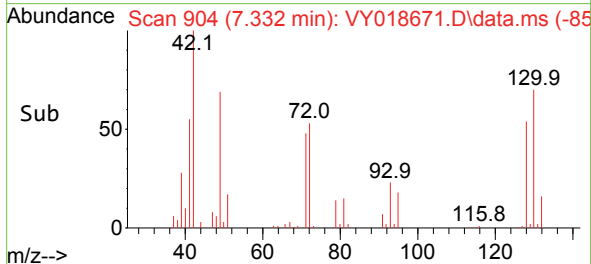
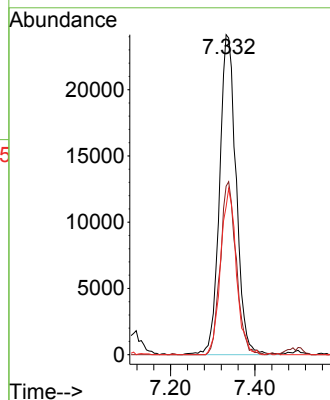
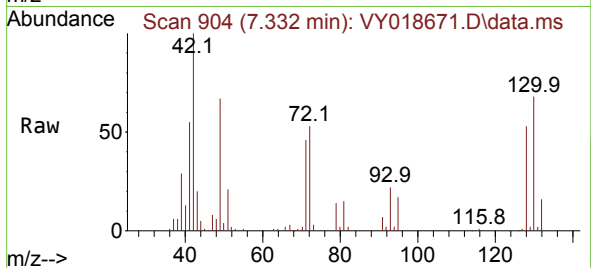




#29
Tetrahydrofuran
Concen: 225.360 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

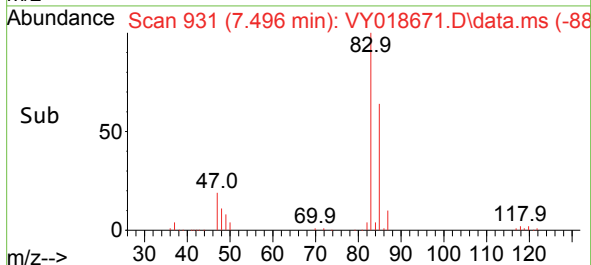
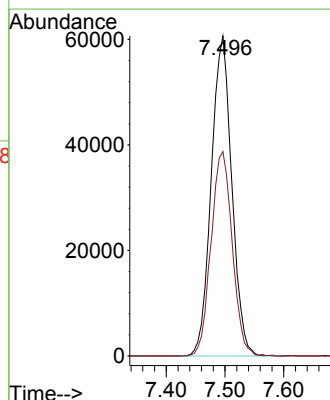
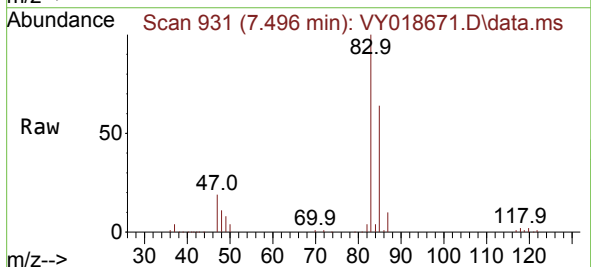
Instrument :
MSVOA_Y
ClientSampleId :

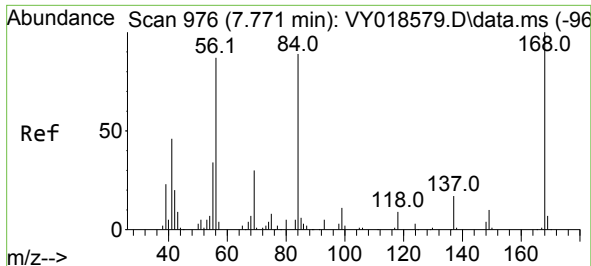
Tgt Ion: 42 Resp: 65703
Ion Ratio Lower Upper
42 100
72 51.6 43.0 64.4
71 49.0 40.8 61.2



#30
Chloroform
Concen: 46.845 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 83 Resp: 147118
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.4

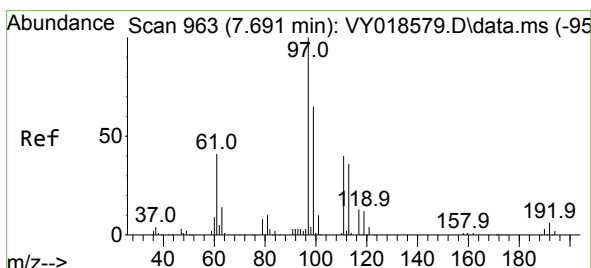
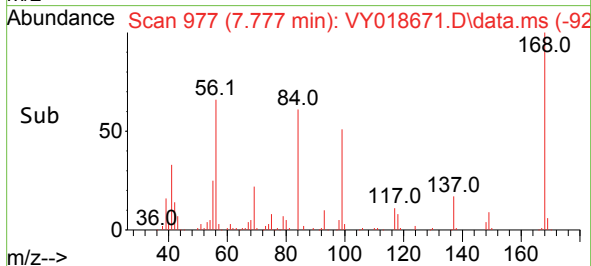
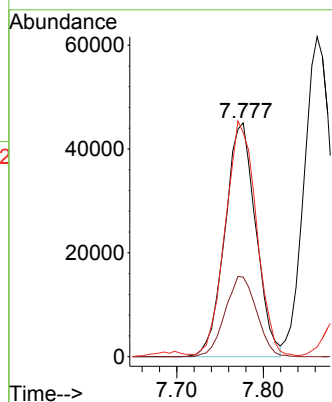
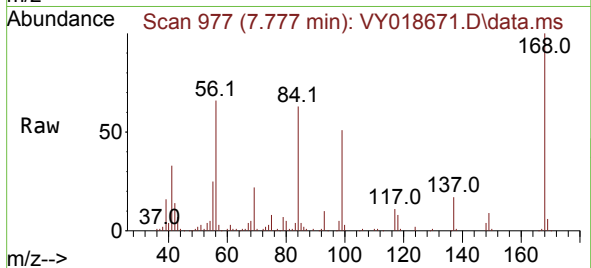




#31
Cyclohexane
Concen: 46.789 ug/l
RT: 7.777 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

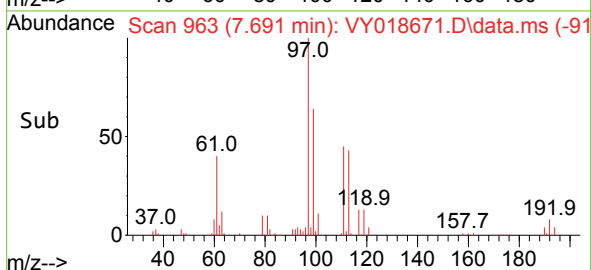
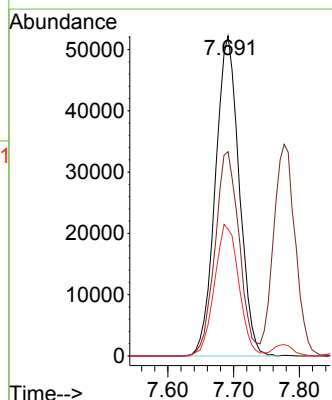
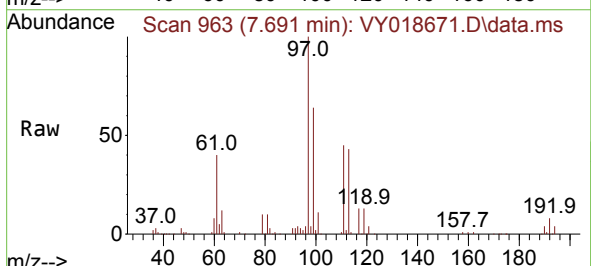
Instrument :
MSVOA_Y
ClientSampleId :

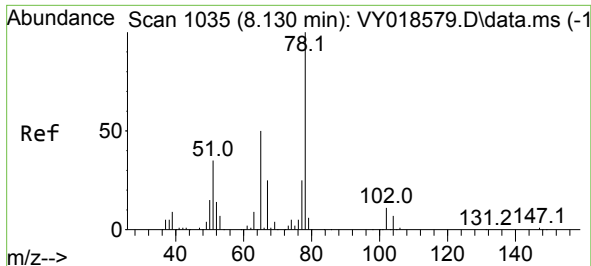
Tgt Ion: 56 Resp: 111651
Ion Ratio Lower Upper
56 100
69 34.1 28.7 43.1
84 94.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 49.290 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 97 Resp: 131507
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 42.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.109 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

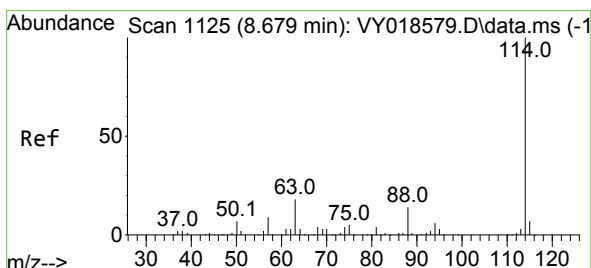
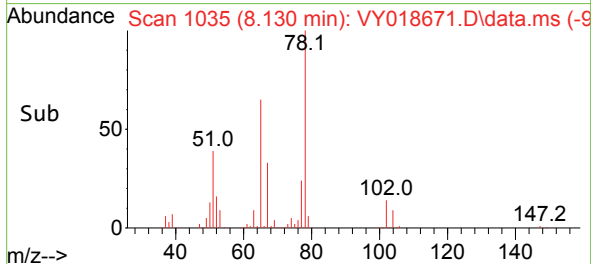
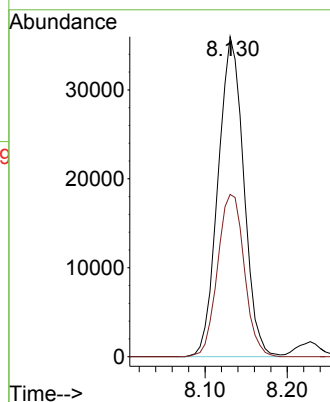
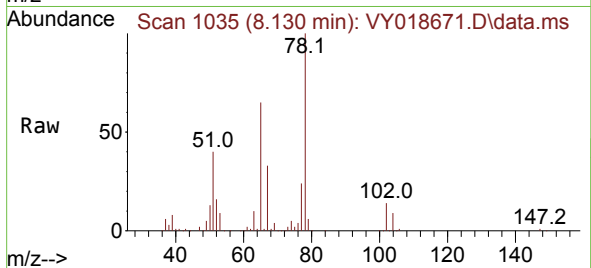
ClientSampleId :

Tgt Ion: 65 Resp: 78060

Ion Ratio Lower Upper

65 100

67 52.6 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: VY018671.D

Acq: 24 Jun 2024 09:14

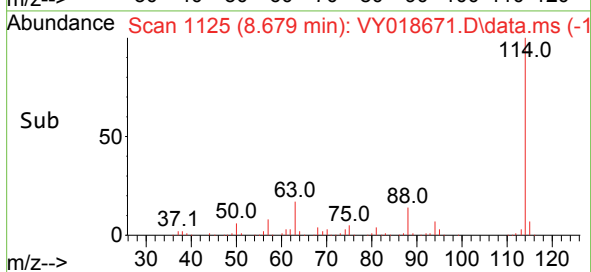
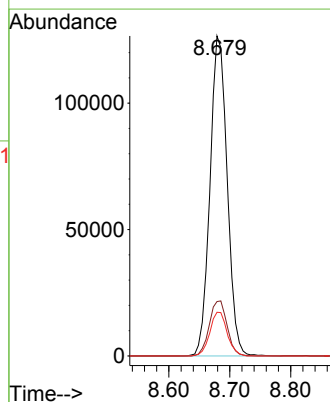
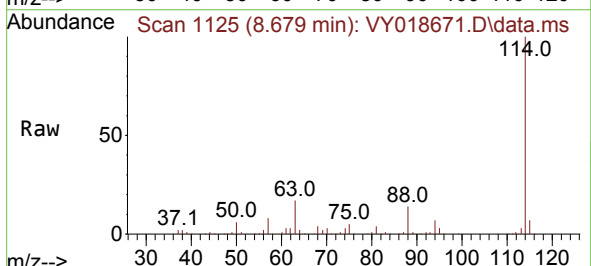
Tgt Ion:114 Resp: 248351

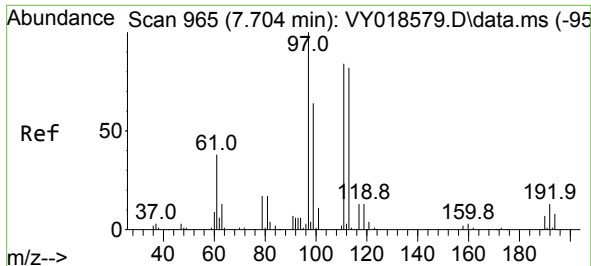
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 13.7 0.0 27.2

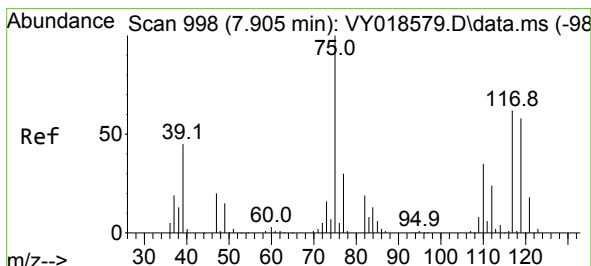
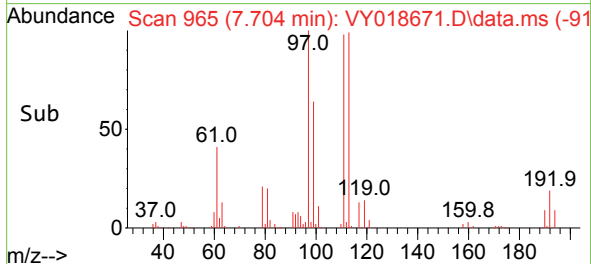
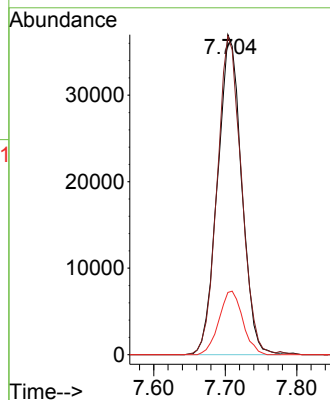
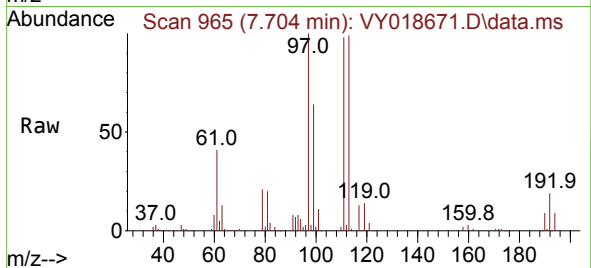




#35
Dibromofluoromethane
Concen: 57.034 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

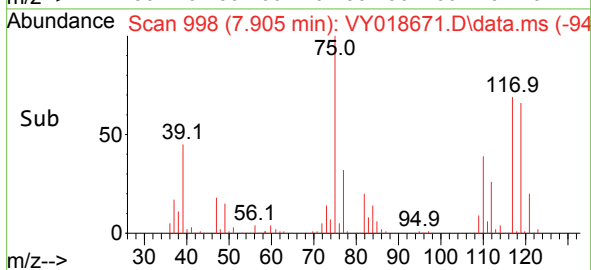
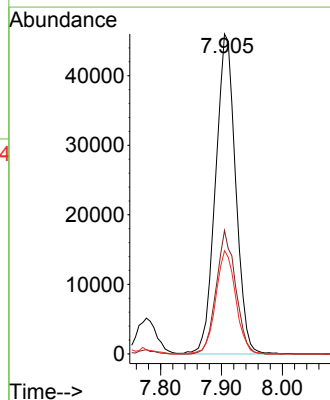
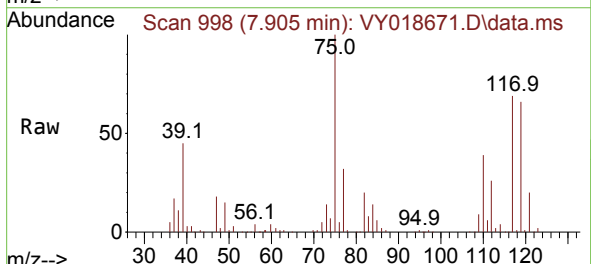
Instrument :
MSVOA_Y
ClientSampleId :

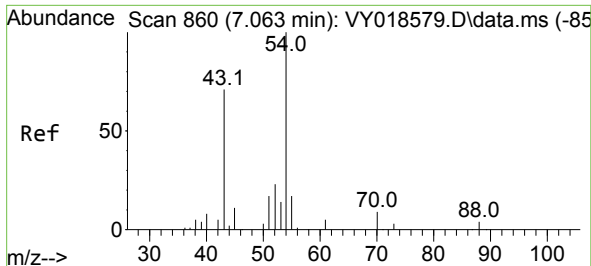
Tgt Ion:113 Resp: 86406
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 50.541 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 75 Resp: 105394
Ion Ratio Lower Upper
75 100
110 37.2 19.0 57.0
77 32.1 25.3 37.9





#37

Ethyl Acetate

Concen: 46.659 ug/l

RT: 7.063 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

ClientSampleId :

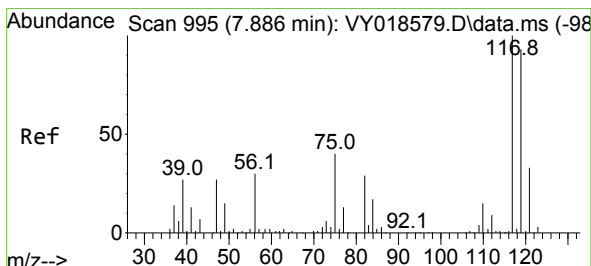
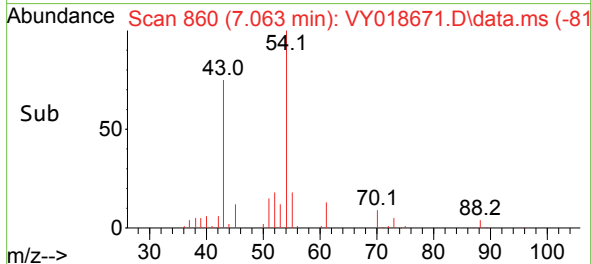
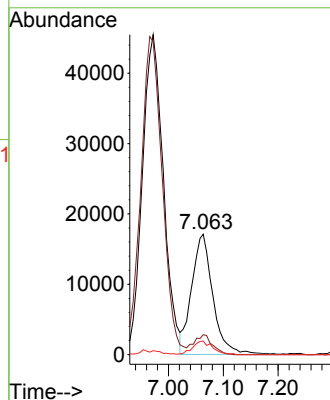
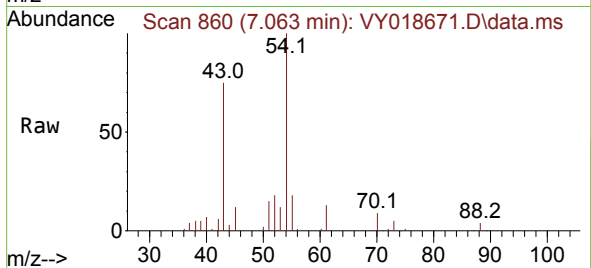
Tgt Ion: 43 Resp: 45867

Ion Ratio Lower Upper

43 100

61 14.5 12.6 19.0

70 10.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 53.947 ug/l

RT: 7.887 min Scan# 995

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

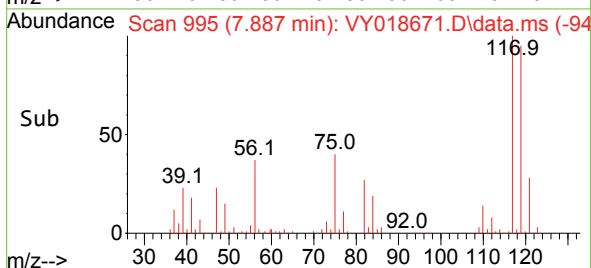
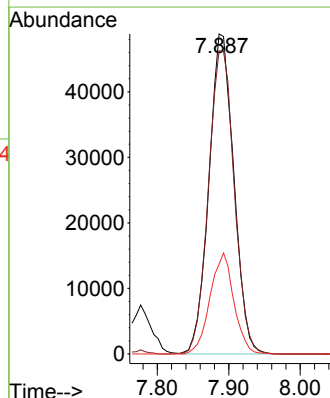
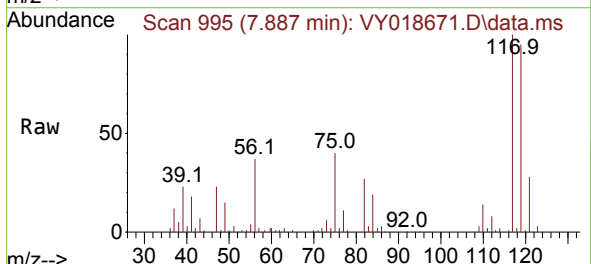
Tgt Ion: 117 Resp: 118023

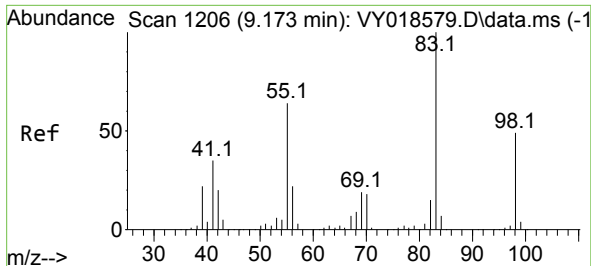
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.6

121 28.1 24.0 36.0





#39

Methylcyclohexane

Concen: 53.878 ug/l

RT: 9.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

ClientSampleId :

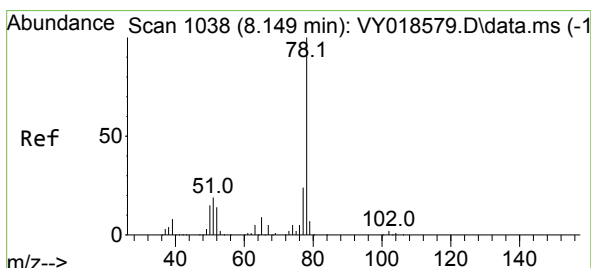
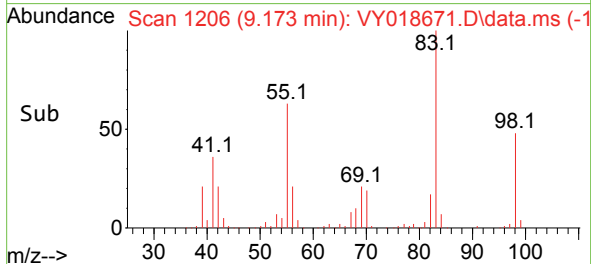
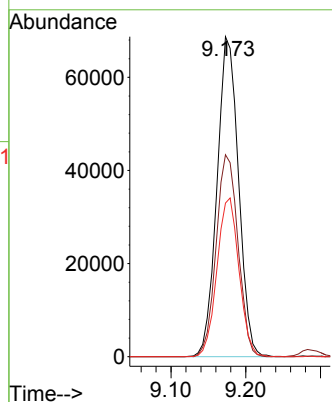
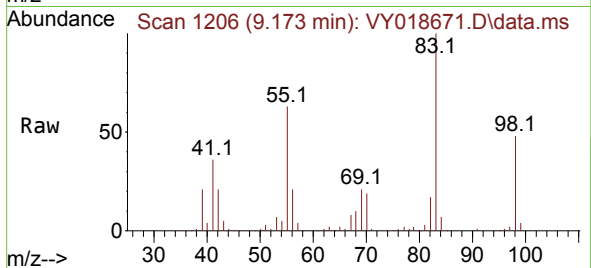
Tgt Ion: 83 Resp: 137665

Ion Ratio Lower Upper

83 100

55 63.1 51.5 77.3

98 48.0 40.5 60.7



#40

Benzene

Concen: 49.976 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY018671.D

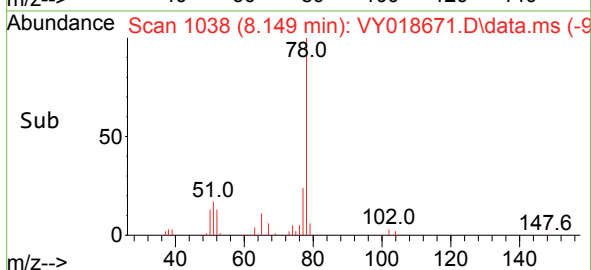
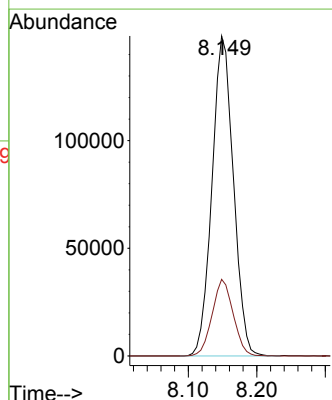
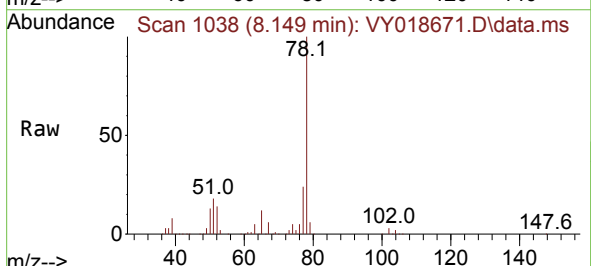
Acq: 24 Jun 2024 09:14

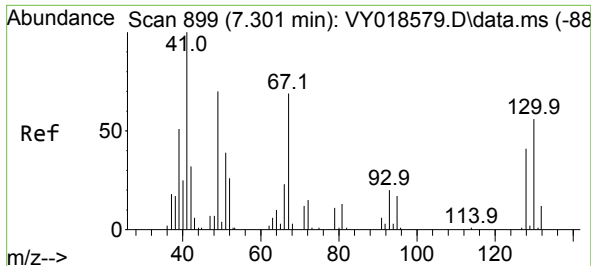
Tgt Ion: 78 Resp: 322306

Ion Ratio Lower Upper

78 100

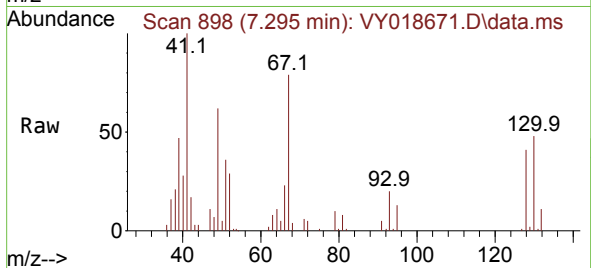
77 24.0 19.5 29.3



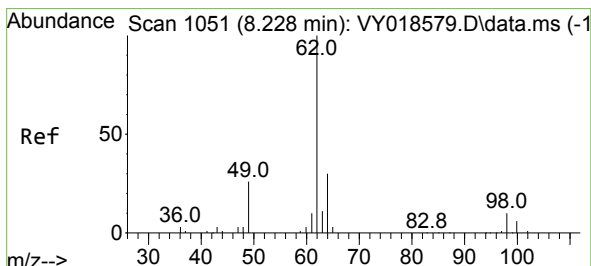
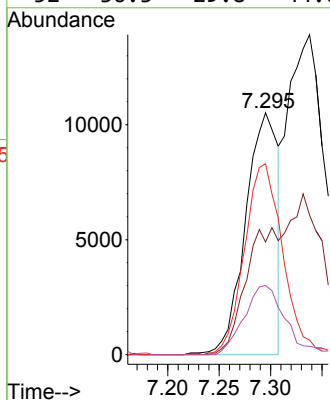
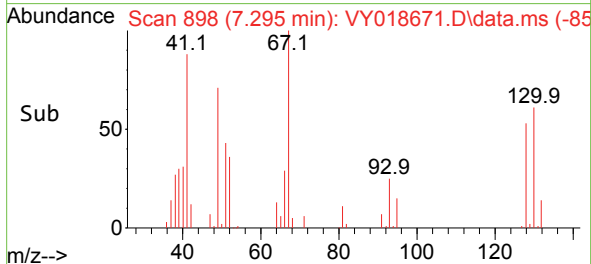


#41
Methacrylonitrile
Concen: 46.587 ug/l
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Instrument :
MSVOA_Y
ClientSampleId :

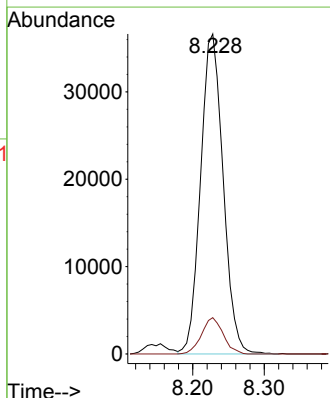
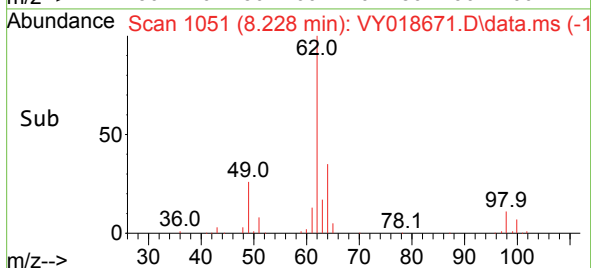
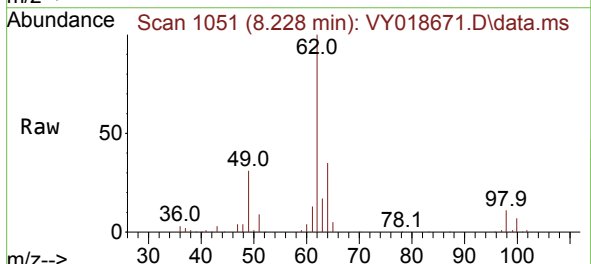


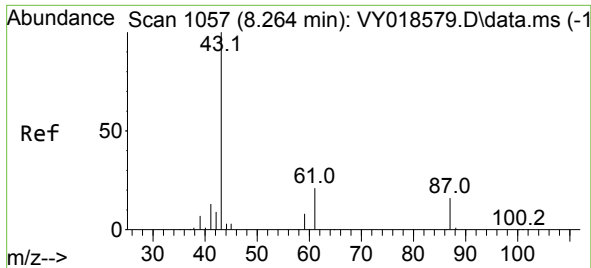
Tgt Ion: 41 Resp: 23033
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 94.3 75.1 112.7
52 36.3 29.8 44.6



#42
1,2-Dichloroethane
Concen: 47.706 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 62 Resp: 80266
Ion Ratio Lower Upper
62 100
98 10.9 0.0 22.0

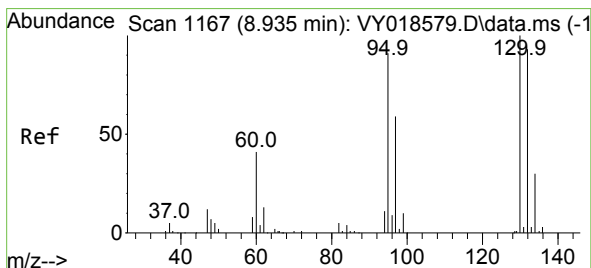
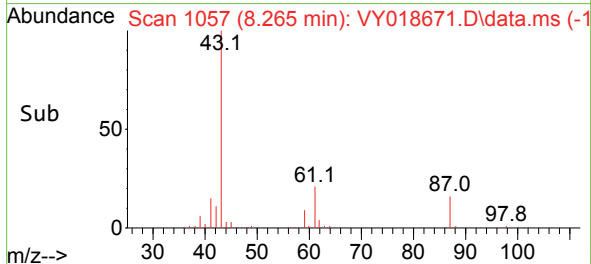
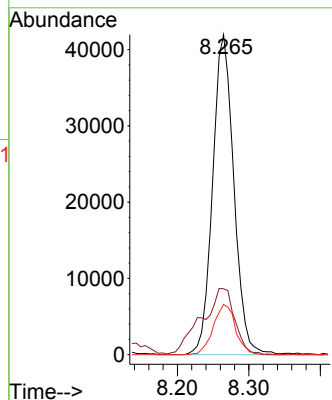
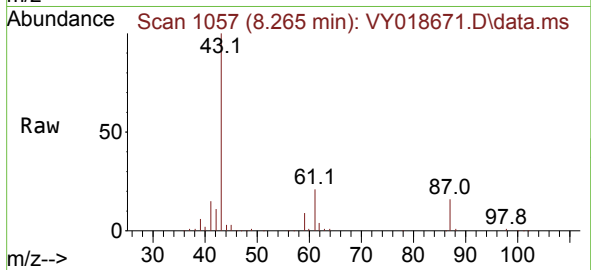




#43
Isopropyl Acetate
Concen: 47.064 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

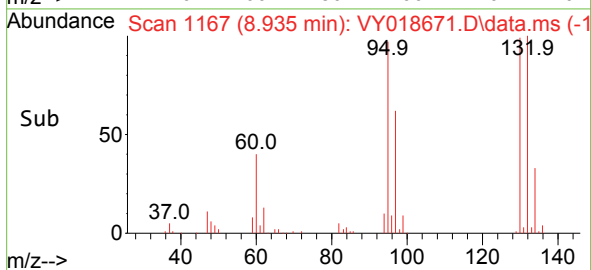
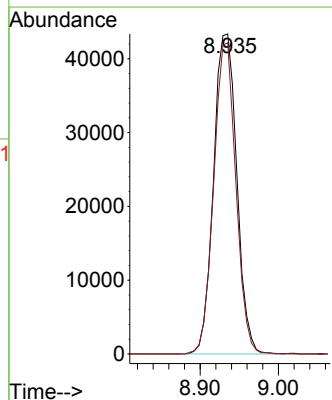
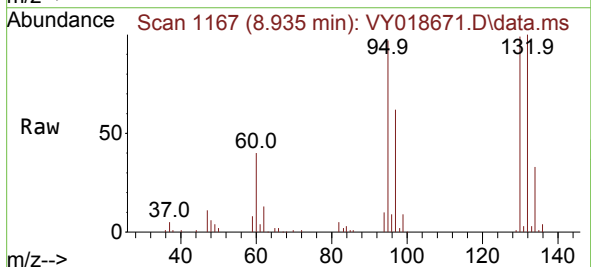
Instrument :
MSVOA_Y
ClientSampleId :

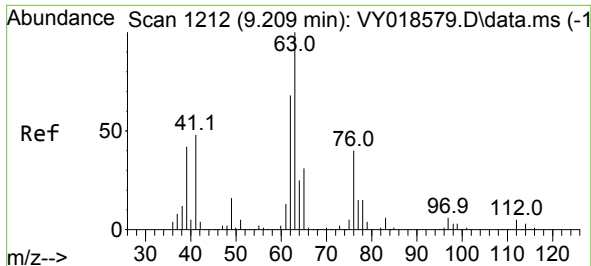
Tgt Ion: 43 Resp: 86352
Ion Ratio Lower Upper
43 100
61 32.4 27.9 41.9
87 16.6 13.1 19.7



#44
Trichloroethene
Concen: 52.879 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion:130 Resp: 89284
Ion Ratio Lower Upper
130 100
95 97.3 0.0 188.0

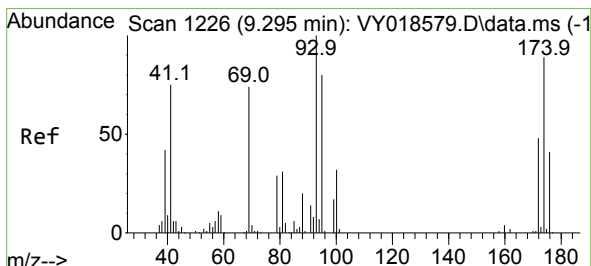
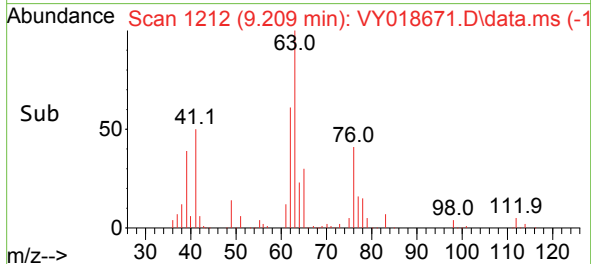
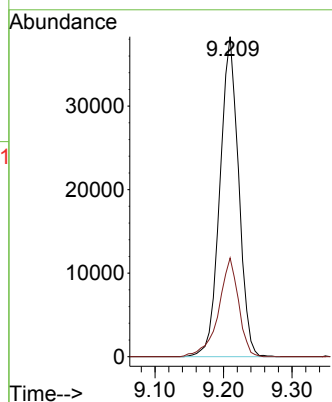
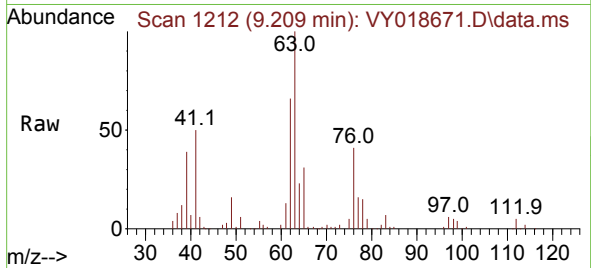




#45
1,2-Dichloropropane
Concen: 49.043 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

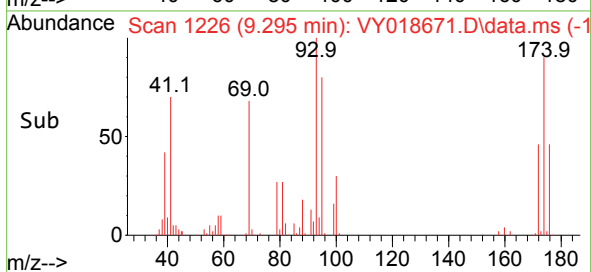
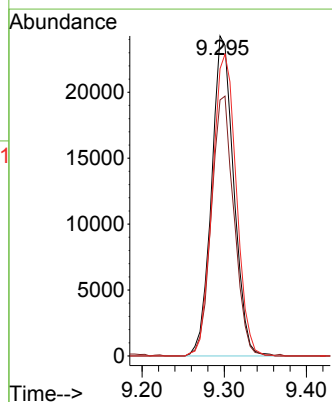
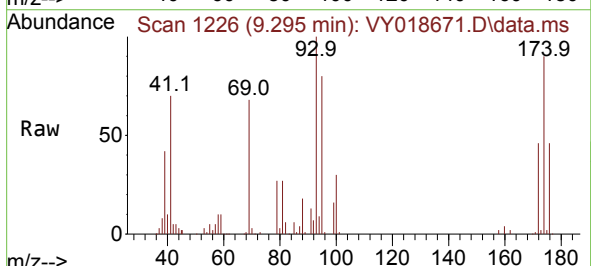
Instrument :
MSVOA_Y
ClientSampleId :

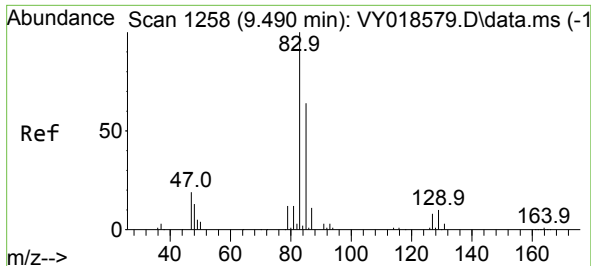
Tgt Ion: 63 Resp: 72322
Ion Ratio Lower Upper
63 100
65 30.9 25.4 38.2



#46
Dibromomethane
Concen: 49.802 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 93 Resp: 45570
Ion Ratio Lower Upper
93 100
95 82.5 66.2 99.4
174 101.3 80.9 121.3

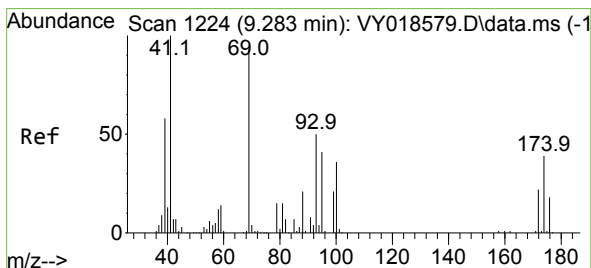
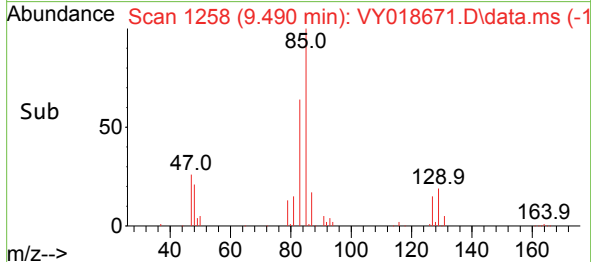
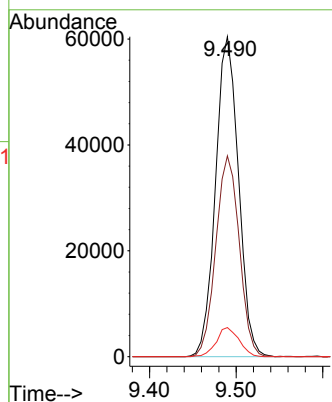
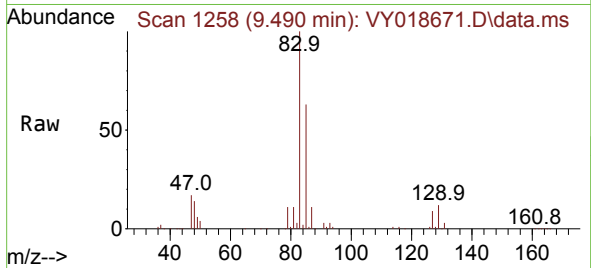




#47
Bromodichloromethane
Concen: 50.984 ug/l
RT: 9.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

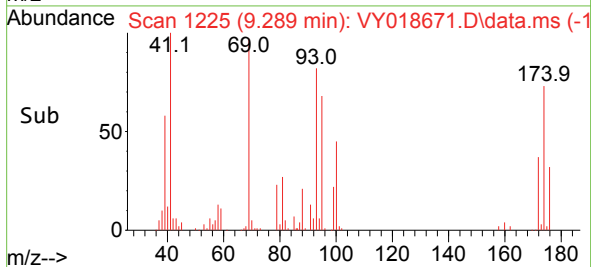
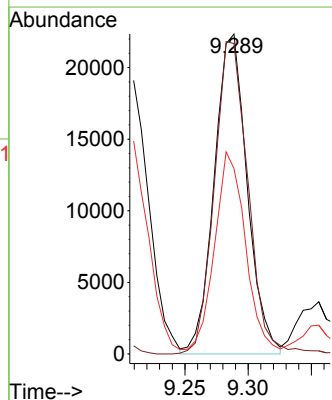
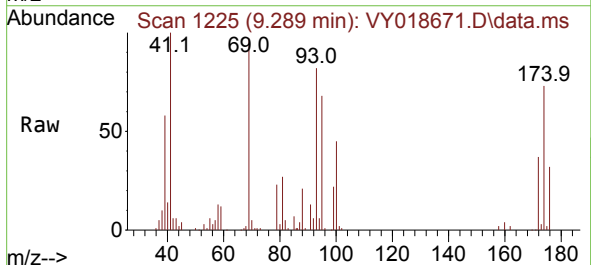
Instrument :
MSVOA_Y
ClientSampleId :

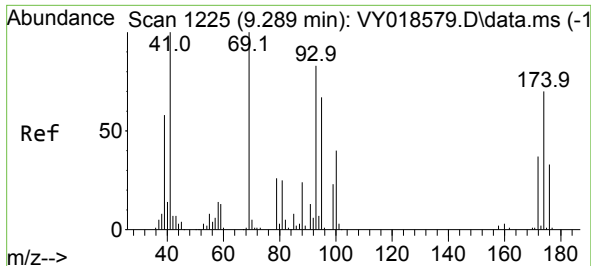
Tgt Ion: 83 Resp: 111344
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 9.1 7.4 11.0



#48
Methyl methacrylate
Concen: 48.976 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 41 Resp: 40454
Ion Ratio Lower Upper
41 100
69 99.9 84.1 126.1
39 57.1 43.6 65.4

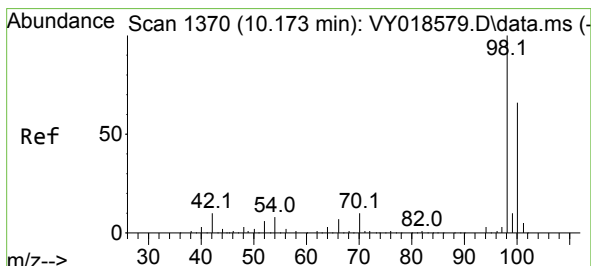
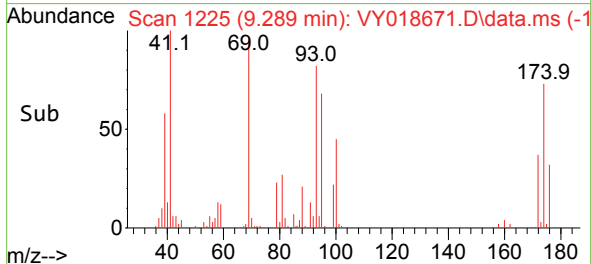
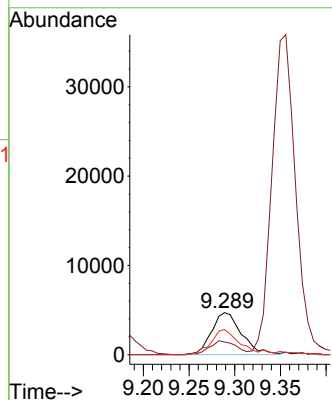
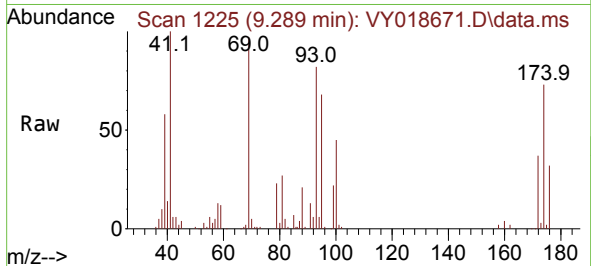




#49
1,4-Dioxane
Concen: 895.375 ug/l
RT: 9.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

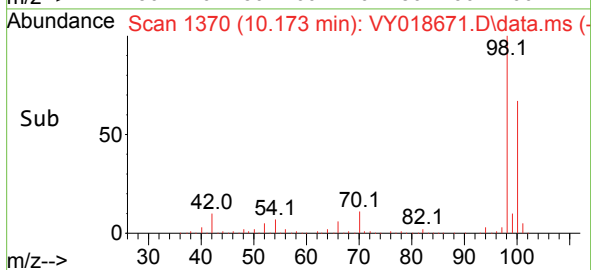
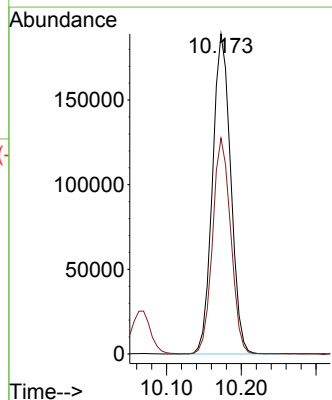
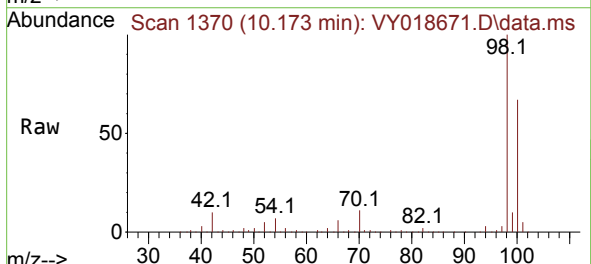
Instrument :
MSVOA_Y
ClientSampleId :

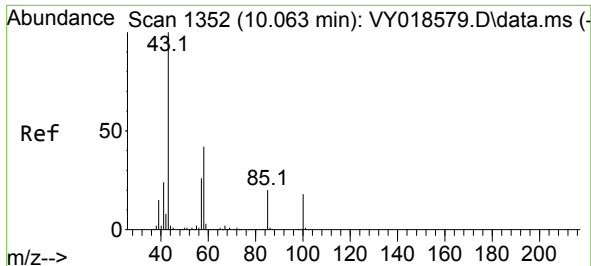
Tgt Ion: 88 Resp: 10775
Ion Ratio Lower Upper
88 100
43 29.6 0.0 0.0#
58 57.8 49.3 73.9



#50
Toluene-d8
Concen: 55.005 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 98 Resp: 320466
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0

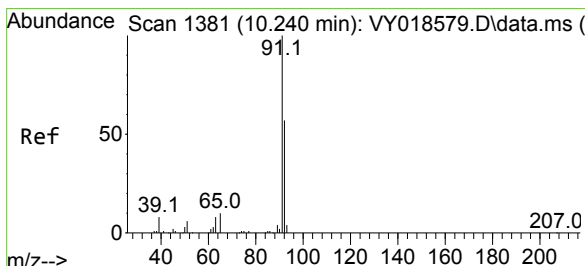
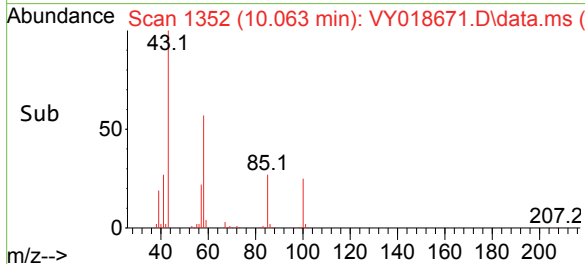
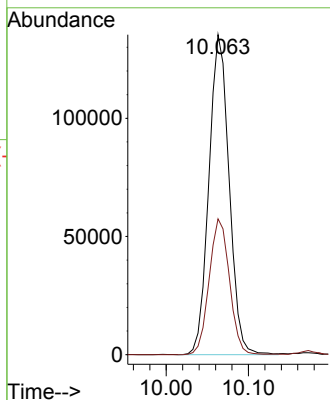
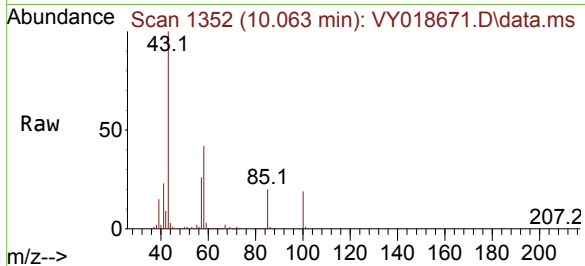




#51
4-Methyl-2-Pentanone
Concen: 239.441 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

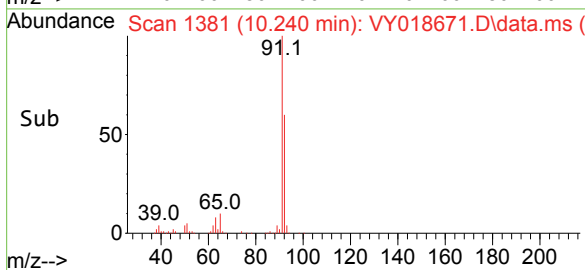
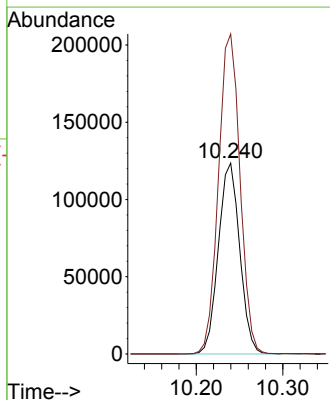
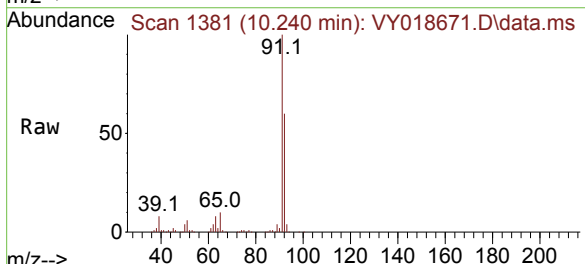
Instrument :
MSVOA_Y
ClientSampleId :

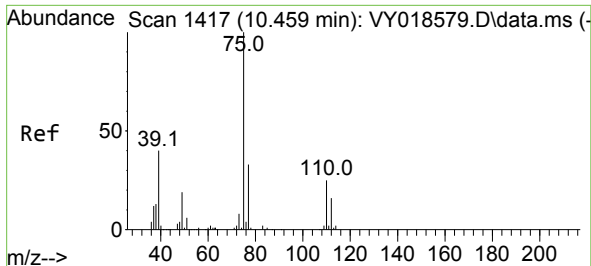
Tgt Ion: 43 Resp: 231408
Ion Ratio Lower Upper
43 100
58 42.7 35.7 53.5



#52
Toluene
Concen: 51.077 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 92 Resp: 211492
Ion Ratio Lower Upper
92 100
91 169.5 139.0 208.6

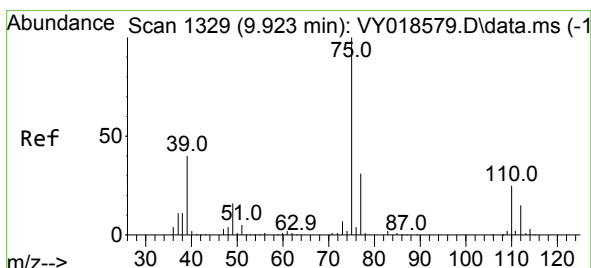
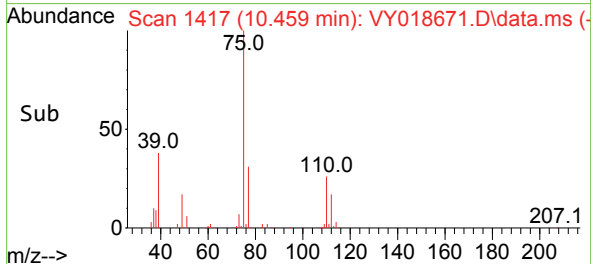
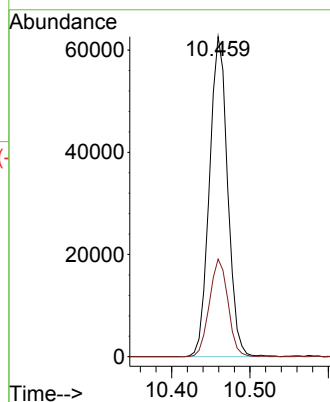
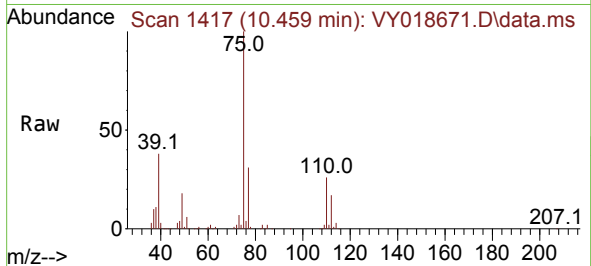




#53
 t-1,3-Dichloropropene
 Concen: 52.963 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018671.D
 Acq: 24 Jun 2024 09:14

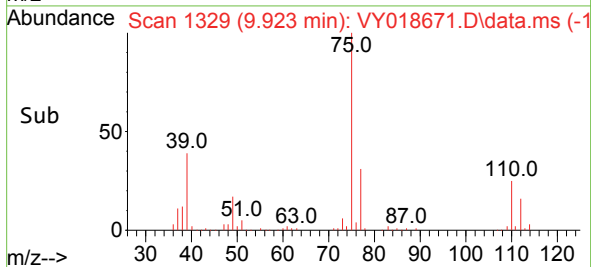
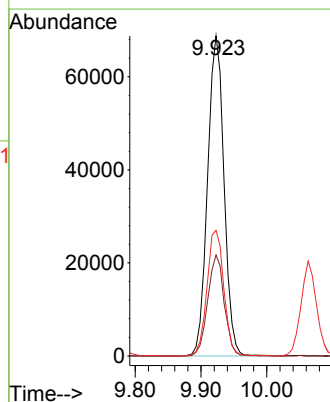
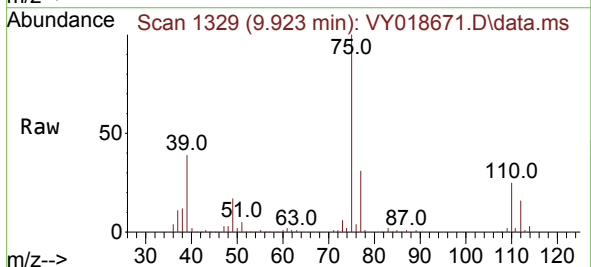
Instrument :
 MSVOA_Y
 ClientSampleId :

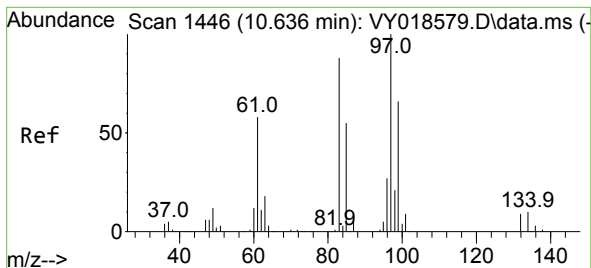
Tgt Ion: 75 Resp: 101079
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 51.930 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018671.D
 Acq: 24 Jun 2024 09:14

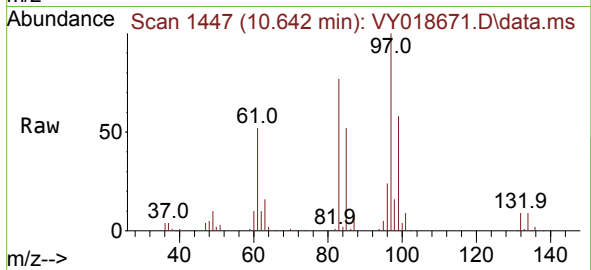
Tgt Ion: 75 Resp: 119601
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 39.3 29.8 44.6



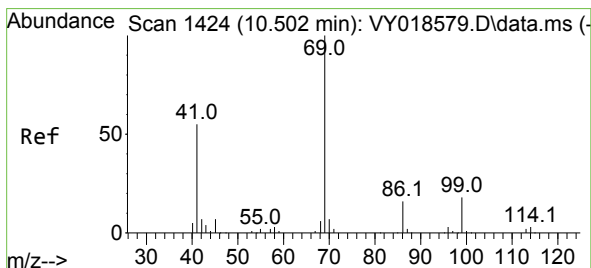
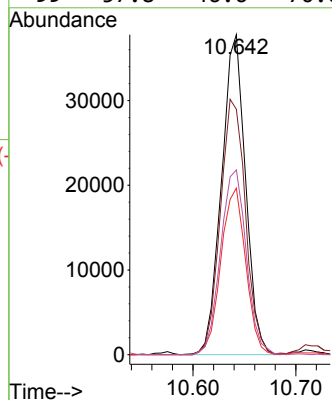
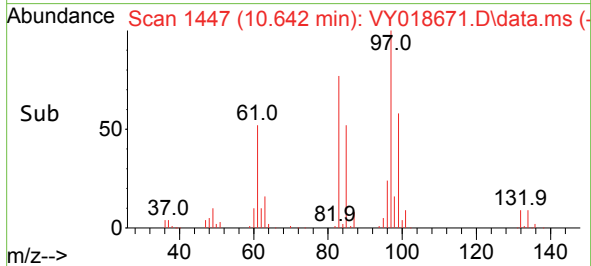


#55
1,1,2-Trichloroethane
Concen: 50.445 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Instrument :
MSVOA_Y
ClientSampleId :

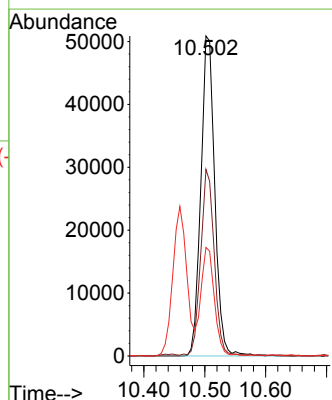
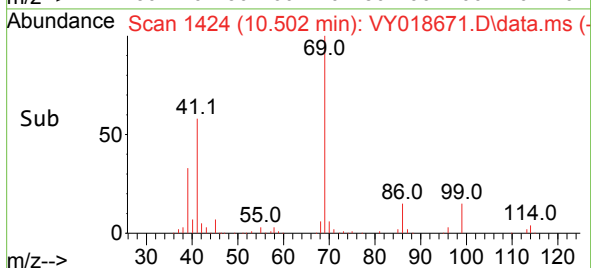
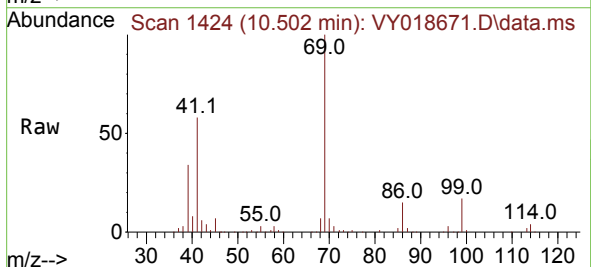


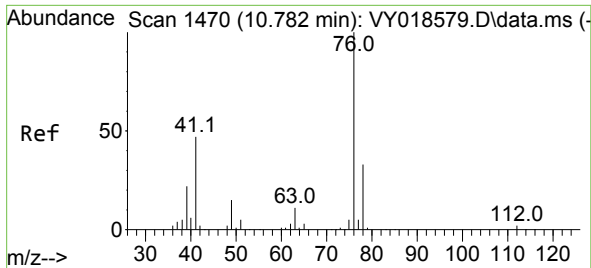
Tgt Ion: 97 Resp: 61393
Ion Ratio Lower Upper
97 100
83 76.7 67.5 101.3
85 52.0 42.9 64.3
99 57.8 46.6 70.0



#56
Ethyl methacrylate
Concen: 50.838 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 69 Resp: 80963
Ion Ratio Lower Upper
69 100
41 56.1 42.3 63.5
39 32.2 22.9 34.3

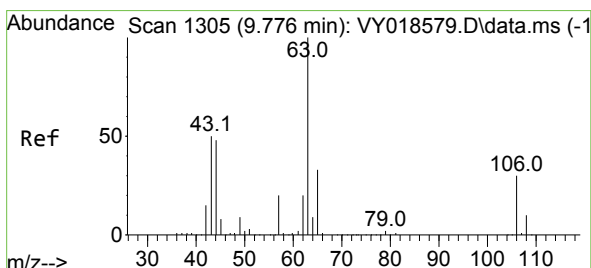
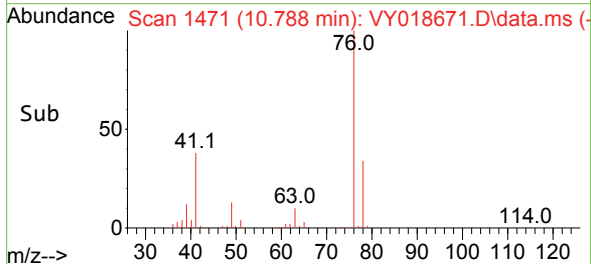
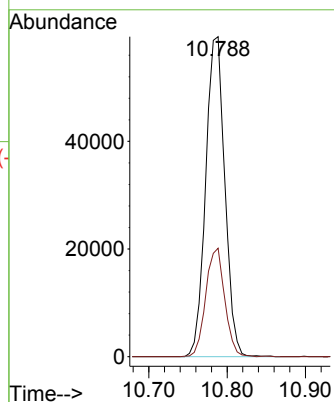
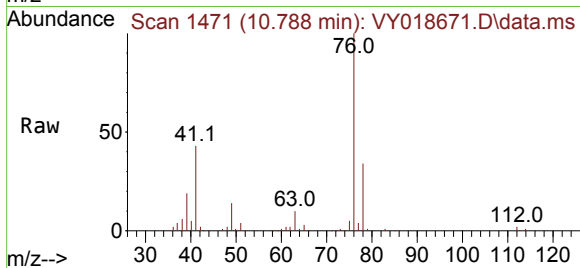




#57
1,3-Dichloropropane
Concen: 49.823 ug/l
RT: 10.788 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

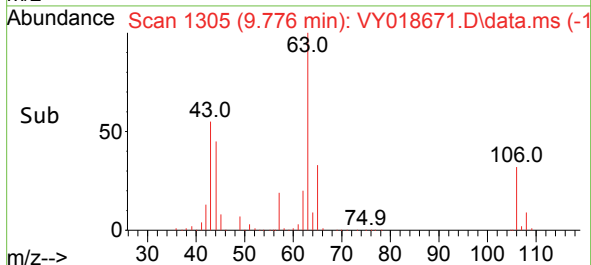
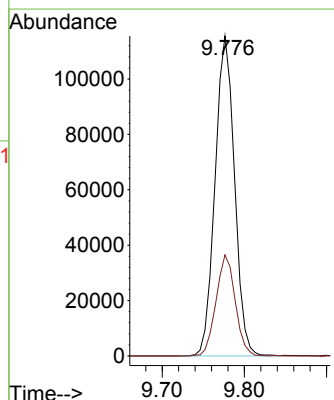
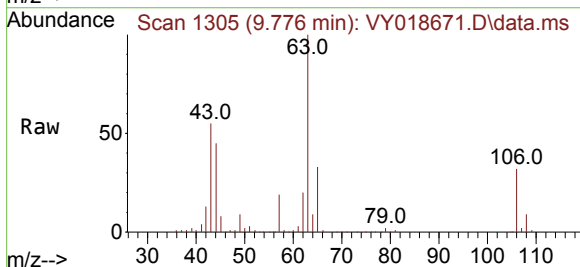
Instrument :
MSVOA_Y
ClientSampleId :

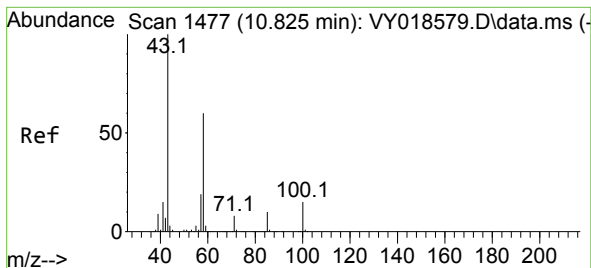
Tgt Ion: 76 Resp: 100726
Ion Ratio Lower Upper
76 100
78 33.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 247.282 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

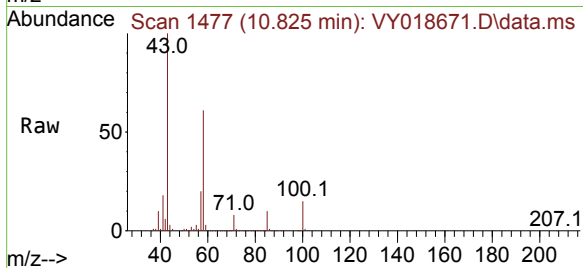
Tgt Ion: 63 Resp: 190117
Ion Ratio Lower Upper
63 100
106 31.1 23.7 35.5



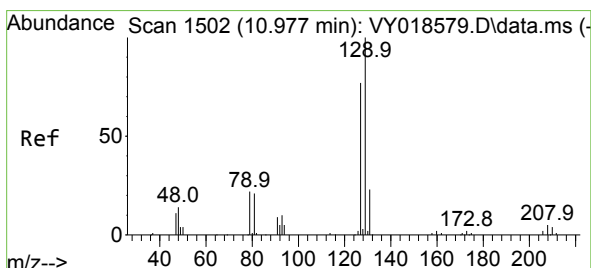
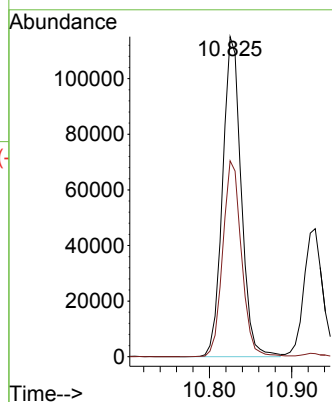
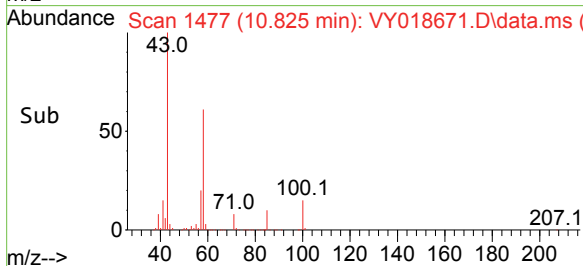


#59
2-Hexanone
Concen: 267.148 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Instrument :
MSVOA_Y
ClientSampleId :

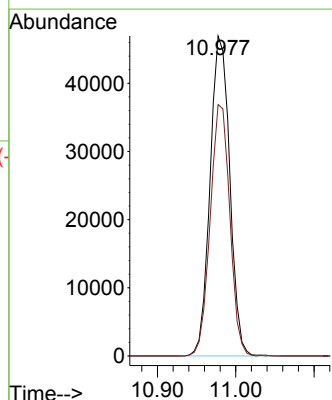
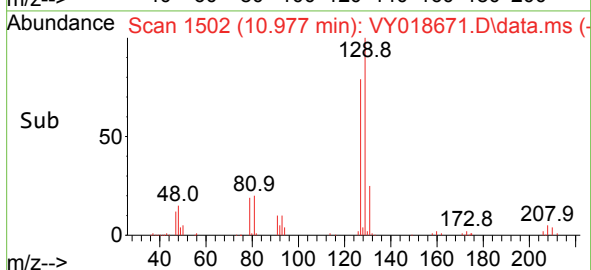
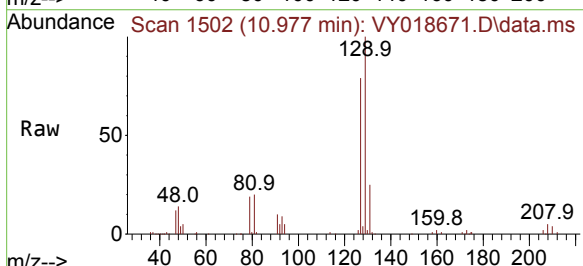


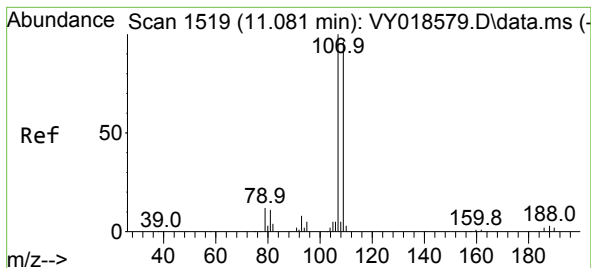
Tgt Ion: 43 Resp: 180850
Ion Ratio Lower Upper
43 100
58 61.4 31.4 94.0



#60
Dibromochloromethane
Concen: 54.057 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion: 129 Resp: 81726
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 52.097 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

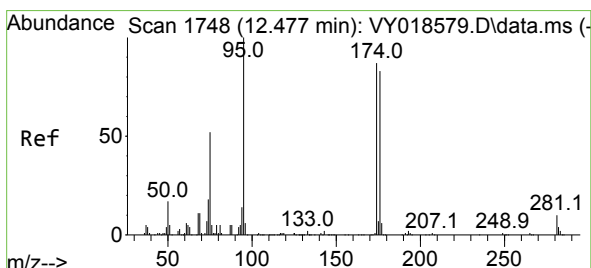
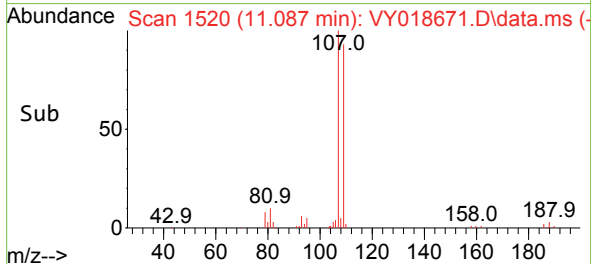
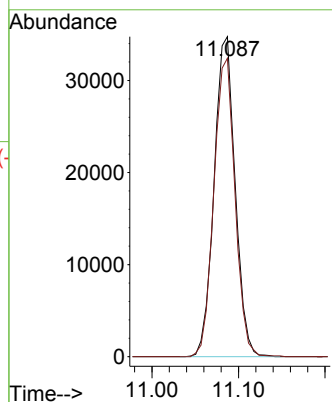
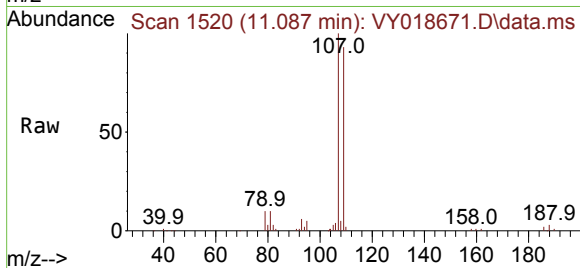
ClientSampleId :

Tgt Ion:107 Resp: 58597

Ion Ratio Lower Upper

107 100

109 93.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 55.884 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

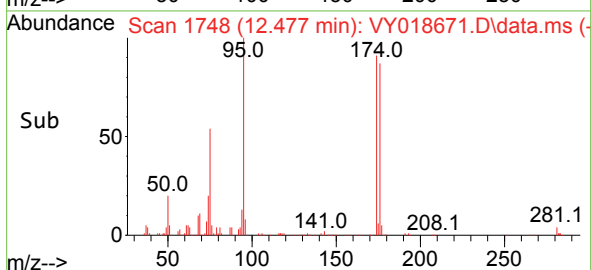
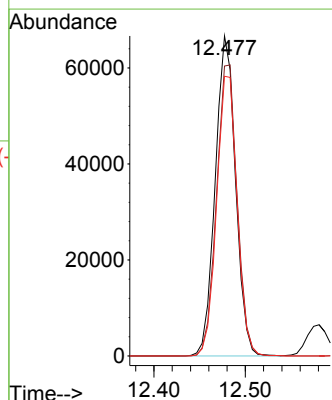
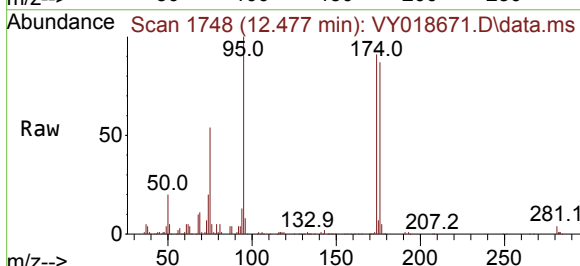
Tgt Ion: 95 Resp: 102810

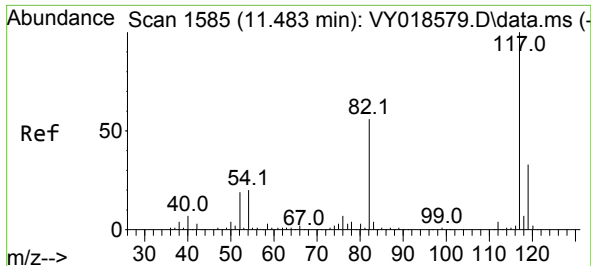
Ion Ratio Lower Upper

95 100

174 92.6 0.0 175.6

176 88.6 0.0 171.4

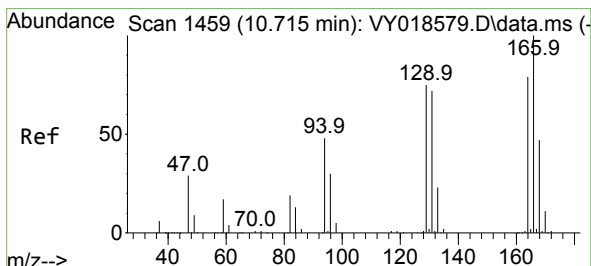
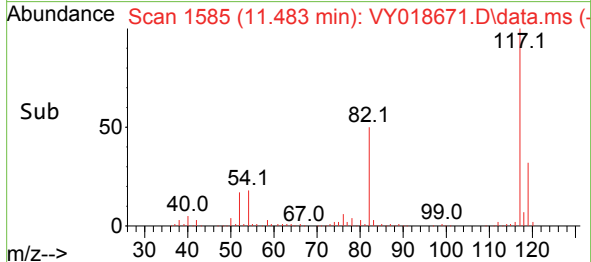
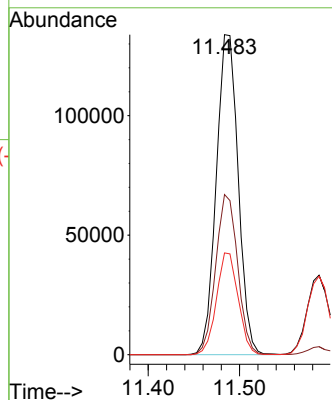
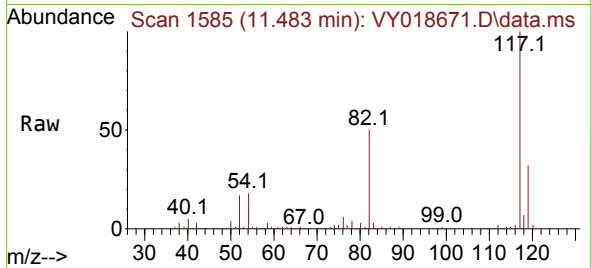




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

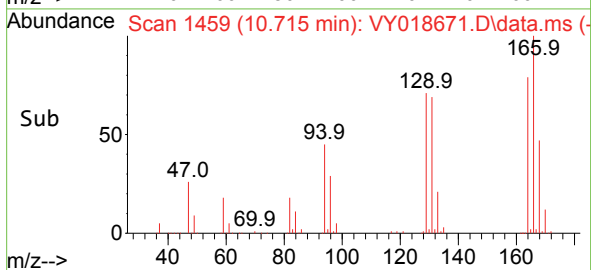
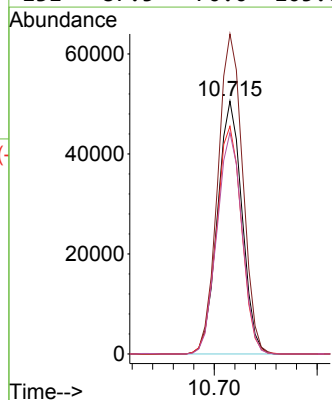
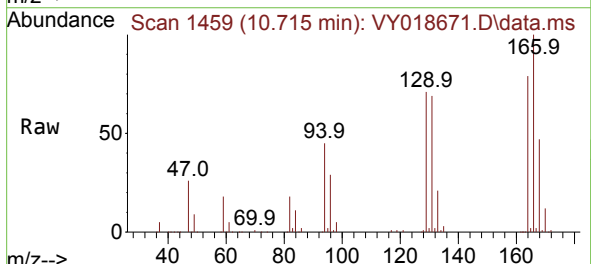
Instrument :
MSVOA_Y
ClientSampleId :

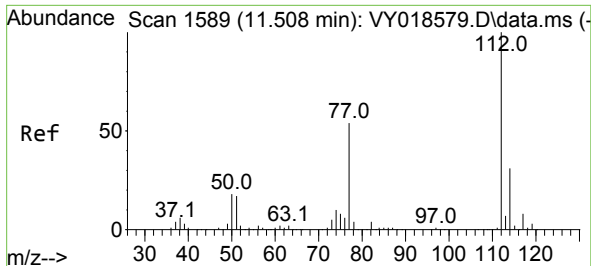
Tgt Ion:117 Resp: 223681
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 52.509 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion:164 Resp: 83773
Ion Ratio Lower Upper
164 100
166 126.6 102.6 154.0
129 90.1 72.0 108.0
131 87.5 70.0 105.0

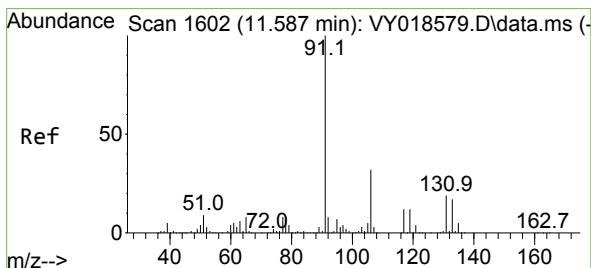
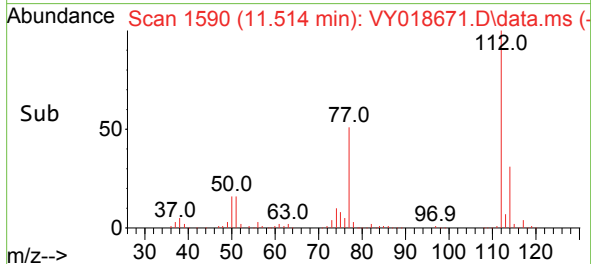
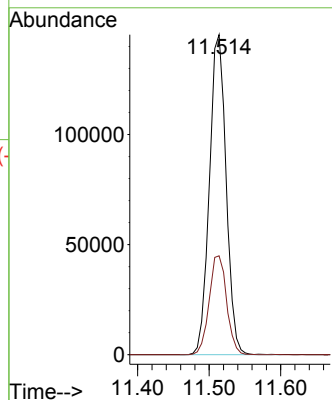
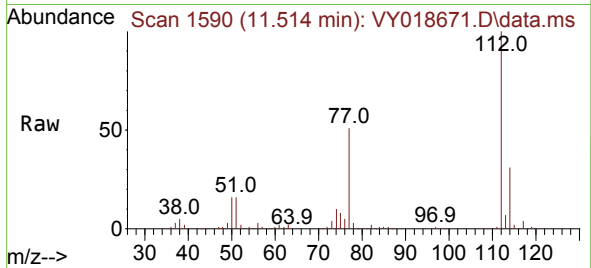




#65
Chlorobenzene
Concen: 51.008 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

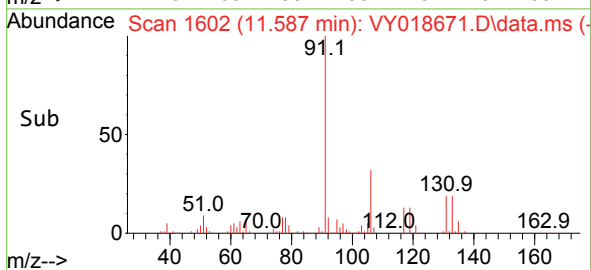
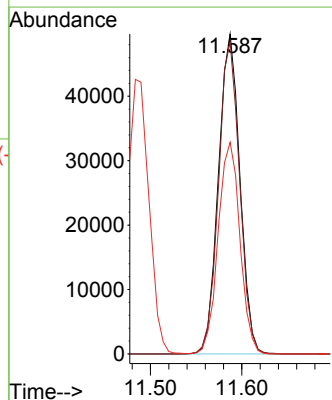
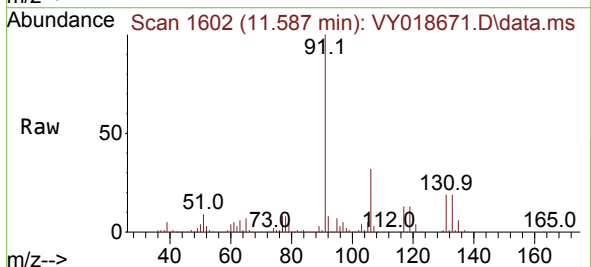
Instrument :
MSVOA_Y
ClientSampleId :

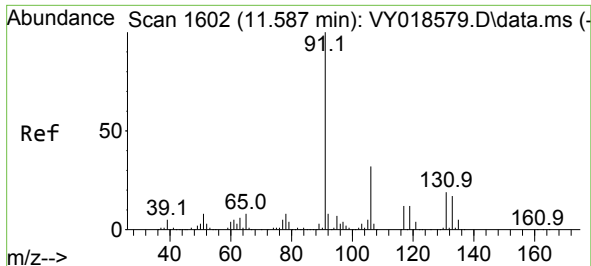
Tgt Ion:112 Resp: 235698
Ion Ratio Lower Upper
112 100
114 30.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.211 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion:131 Resp: 80848
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.3
119 67.3 34.1 102.2

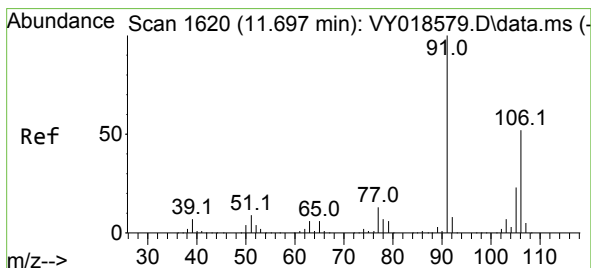
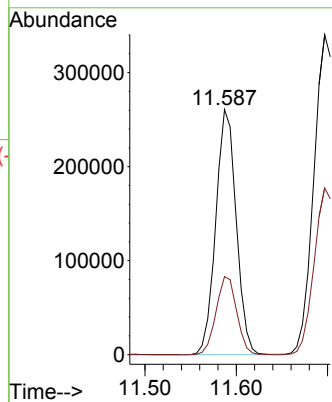
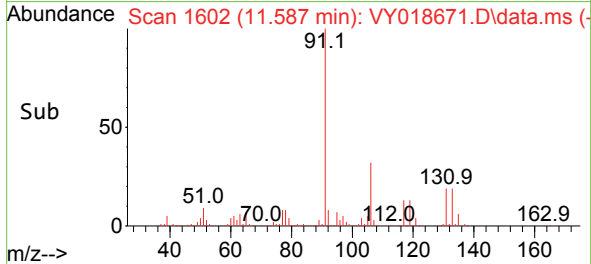
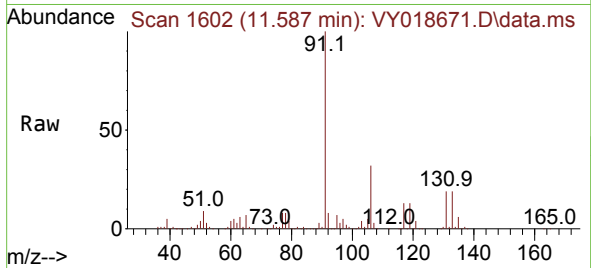




#67
Ethyl Benzene
Concen: 50.583 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

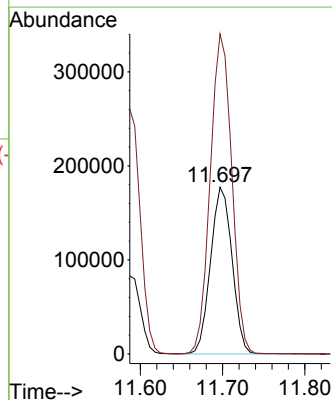
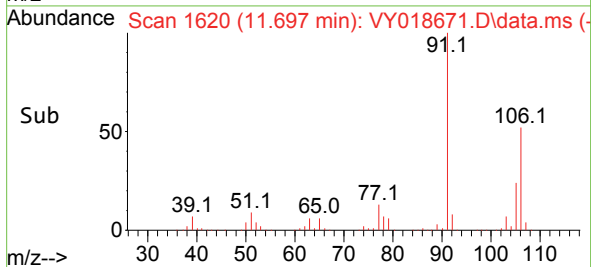
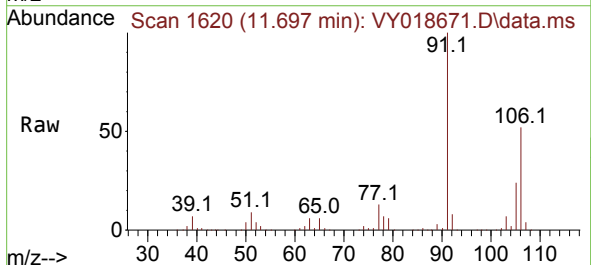
Instrument :
MSVOA_Y
ClientSampleId :

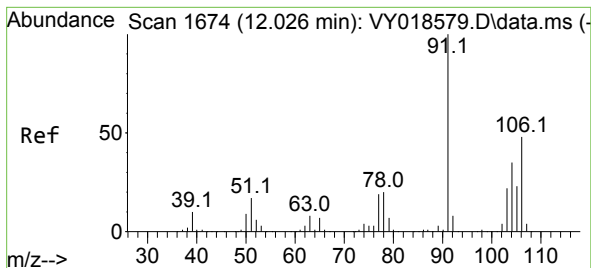
Tgt Ion: 91 Resp: 405554
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7



#68
m/p-Xylenes
Concen: 103.267 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion:106 Resp: 322173
Ion Ratio Lower Upper
106 100
91 192.3 156.0 234.0

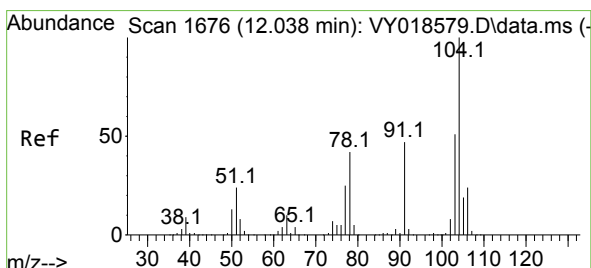
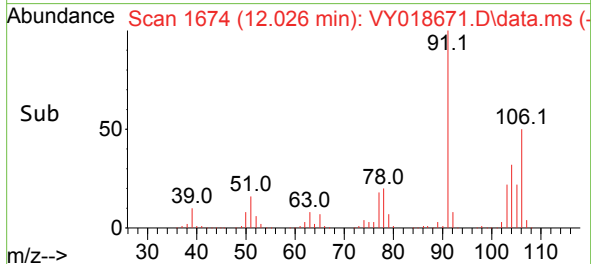
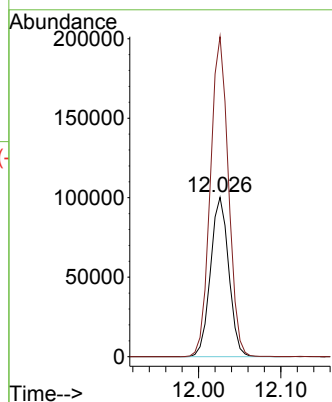
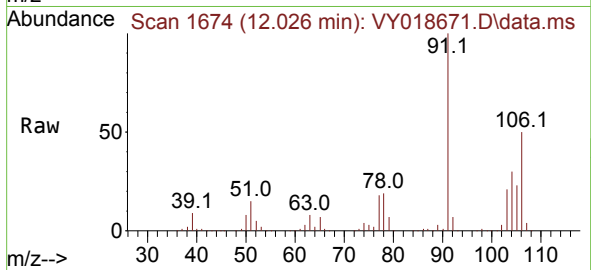




#69
o-Xylene
Concen: 51.522 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

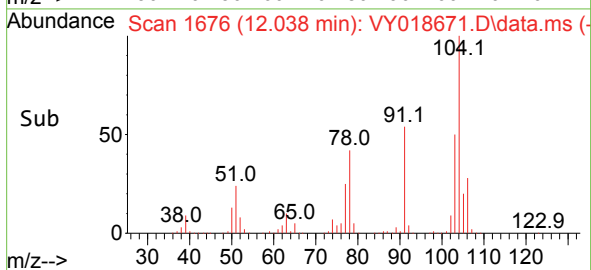
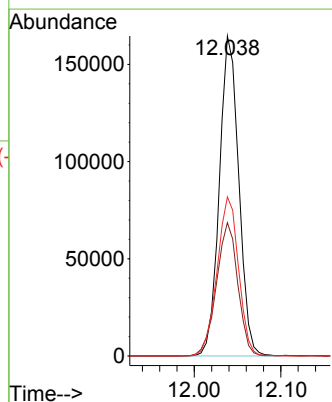
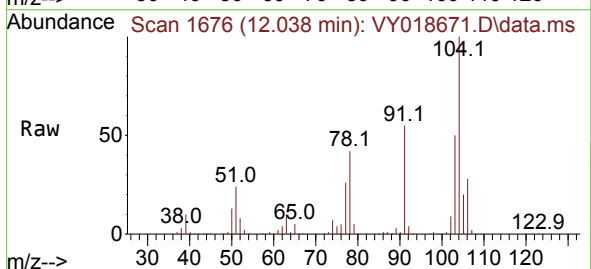
Instrument :
MSVOA_Y
ClientSampleId :

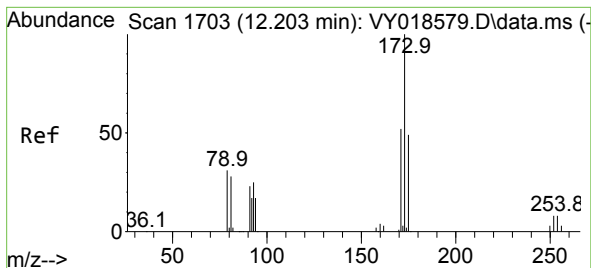
Tgt Ion:106 Resp: 154570
Ion Ratio Lower Upper
106 100
91 199.3 103.6 310.8



#70
Styrene
Concen: 51.789 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion:104 Resp: 256678
Ion Ratio Lower Upper
104 100
78 45.8 37.0 55.4
103 54.9 44.2 66.2





#71

Bromoform

Concen: 54.826 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

ClientSampleId :

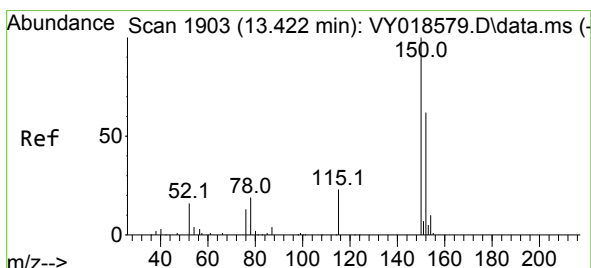
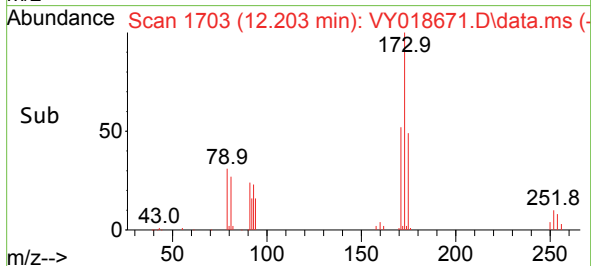
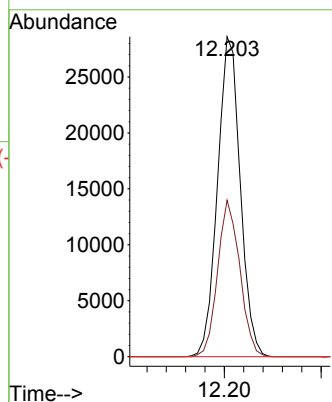
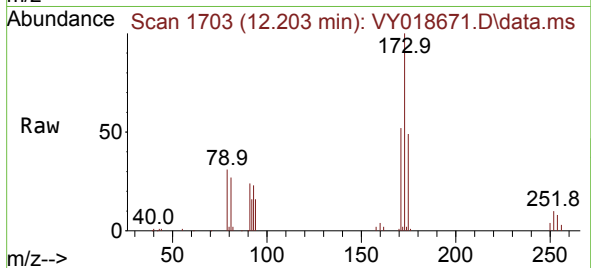
Tgt Ion:173 Resp: 46584

Ion Ratio Lower Upper

173 100

175 47.7 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: VY018671.D

Acq: 24 Jun 2024 09:14

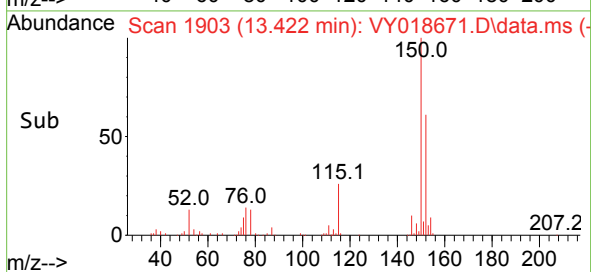
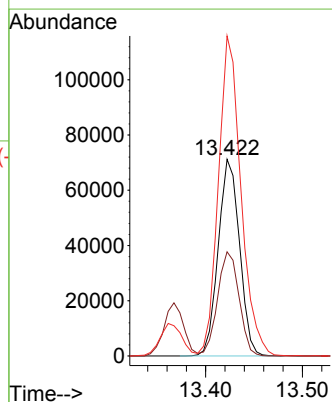
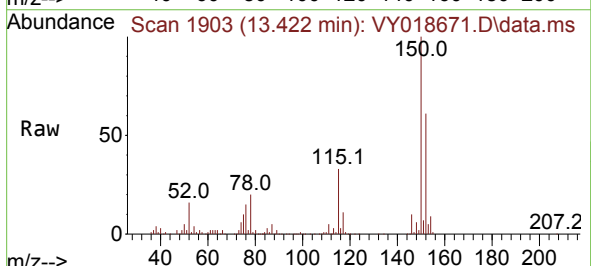
Tgt Ion:152 Resp: 108835

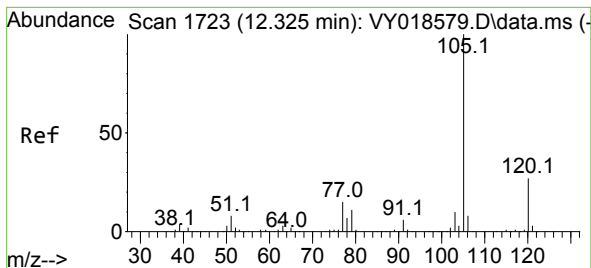
Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 172.4 0.0 345.6





#73

Isopropylbenzene

Concen: 50.462 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

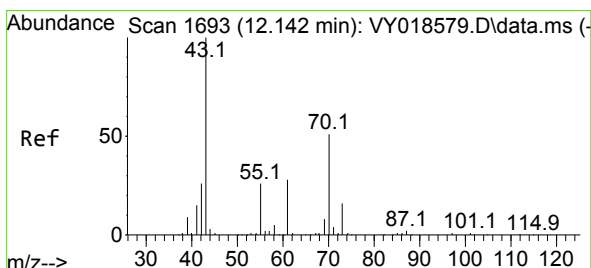
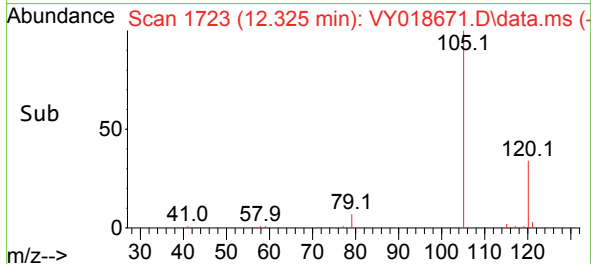
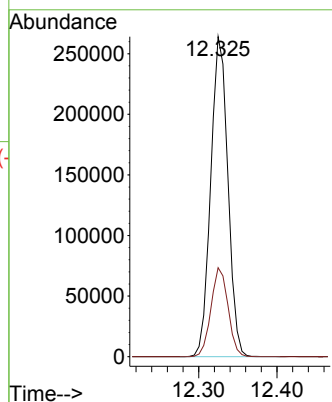
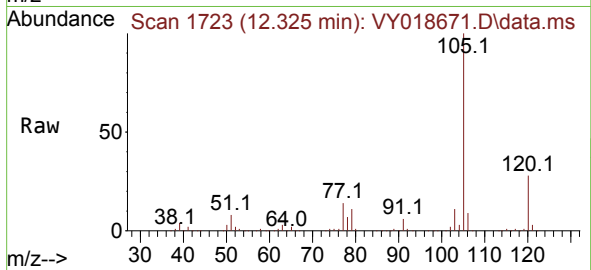
ClientSampleId :

Tgt Ion:105 Resp: 401042

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.1



#74

N-ethyl acetate

Concen: 47.936 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Tgt Ion: 43 Resp: 78013

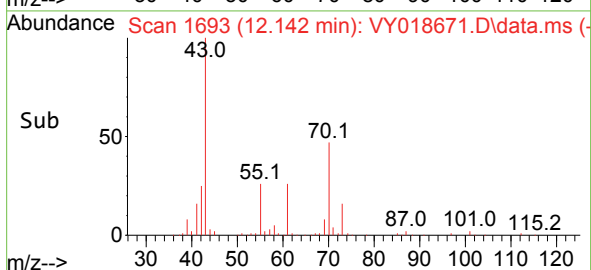
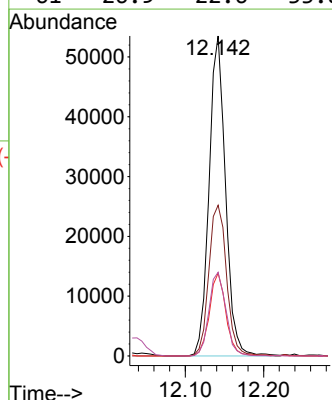
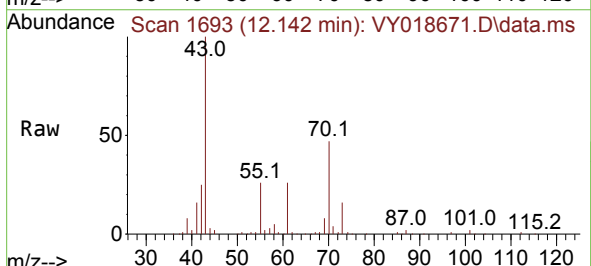
Ion Ratio Lower Upper

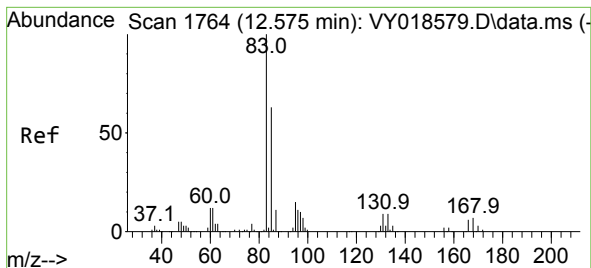
43 100

70 51.0 41.4 62.2

55 26.1 23.3 34.9

61 26.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.570 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

ClientSampleId :

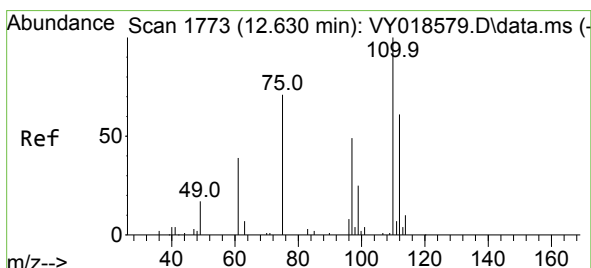
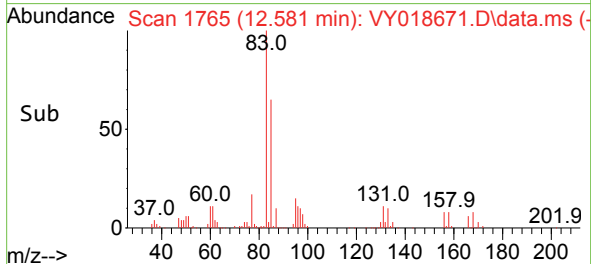
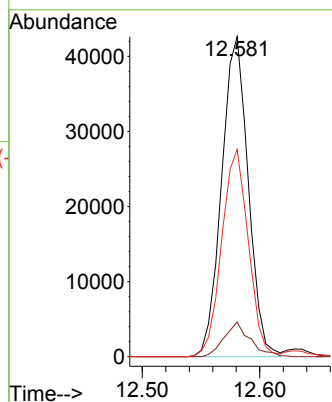
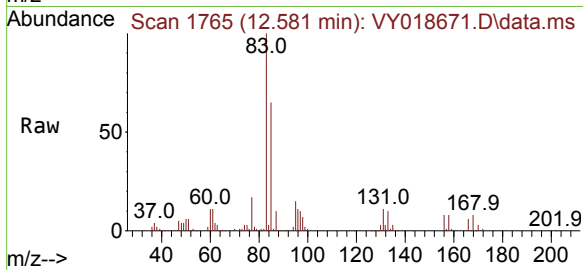
Tgt Ion: 83 Resp: 67129

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 64.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 81.885 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018671.D

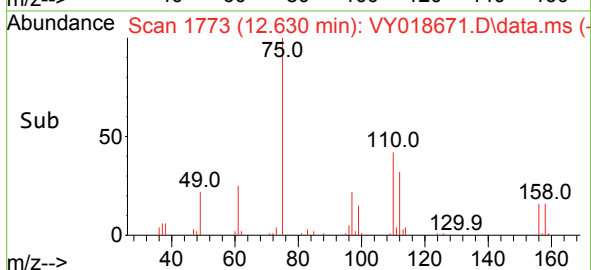
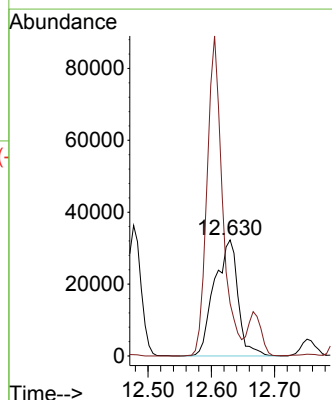
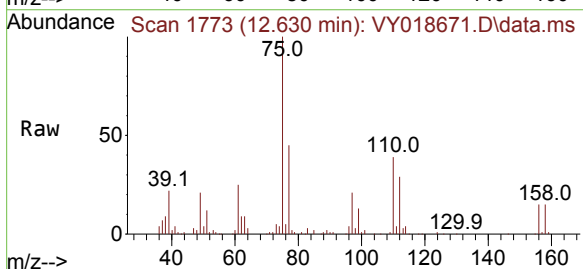
Acq: 24 Jun 2024 09:14

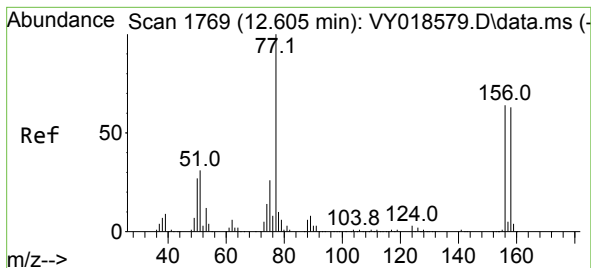
Tgt Ion: 75 Resp: 83598

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.512 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

ClientSampleId :

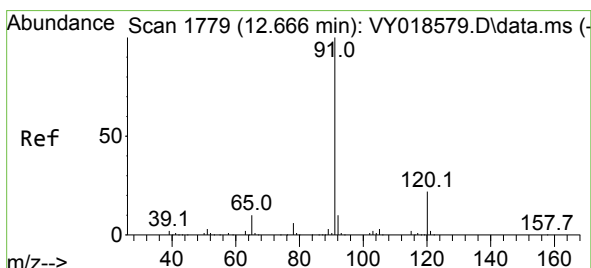
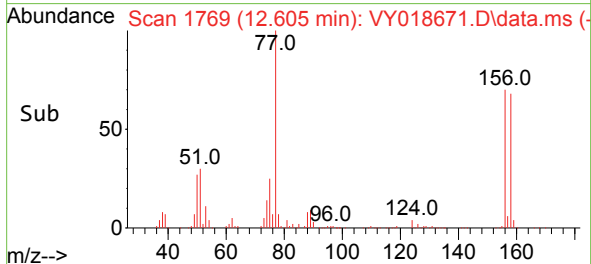
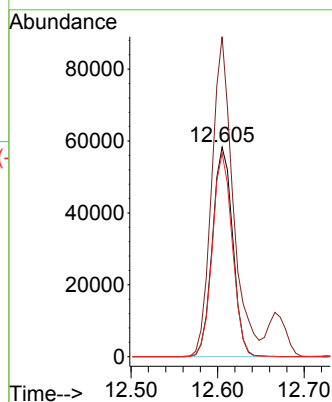
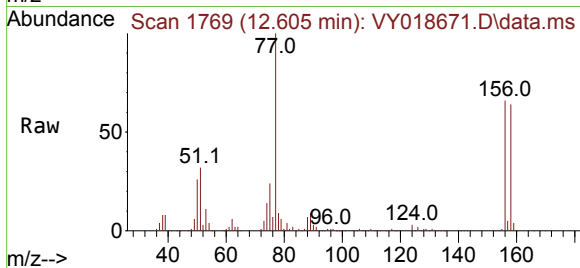
Tgt Ion:156 Resp: 94676

Ion Ratio Lower Upper

156 100

77 160.8 87.1 261.3

158 95.4 48.6 145.9



#78

n-propylbenzene

Concen: 50.191 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018671.D

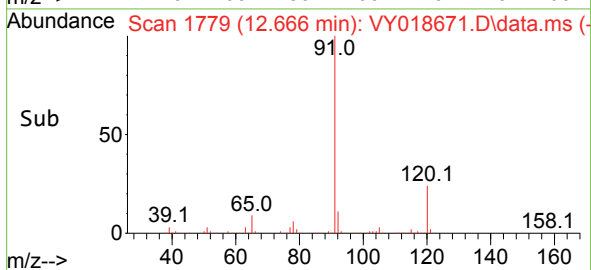
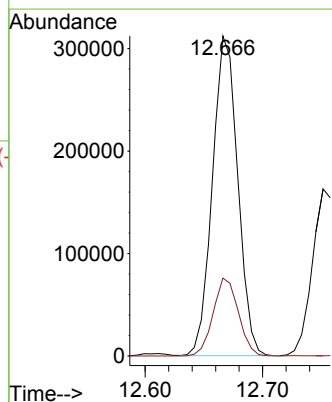
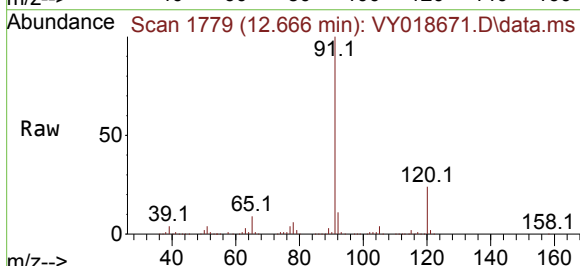
Acq: 24 Jun 2024 09:14

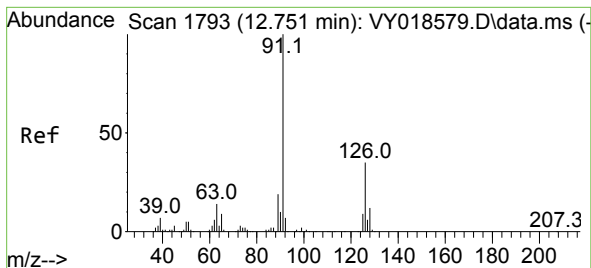
Tgt Ion: 91 Resp: 466826

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.958 ug/l

RT: 12.752 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

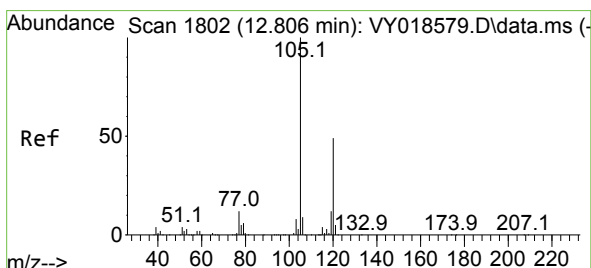
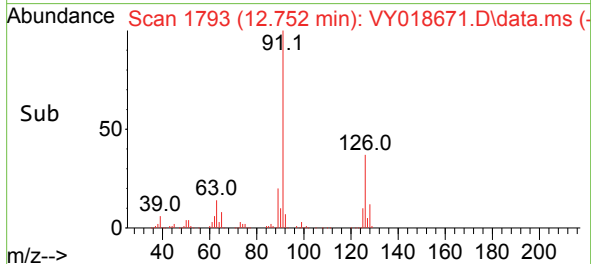
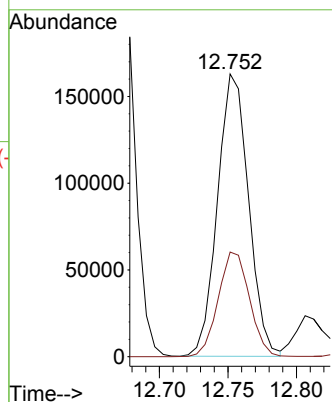
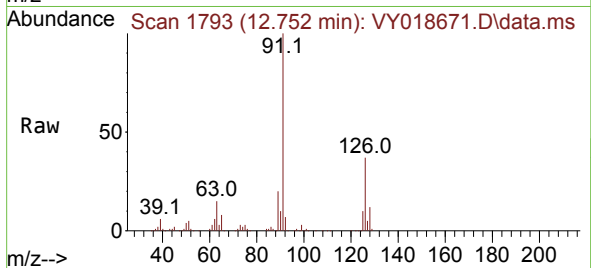
ClientSampleId :

Tgt Ion: 91 Resp: 257044

Ion Ratio Lower Upper

91 100

126 37.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 50.044 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018671.D

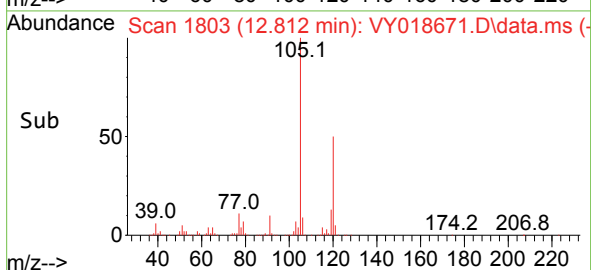
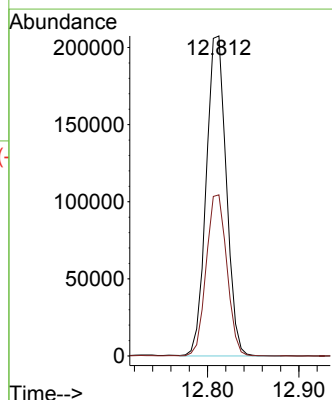
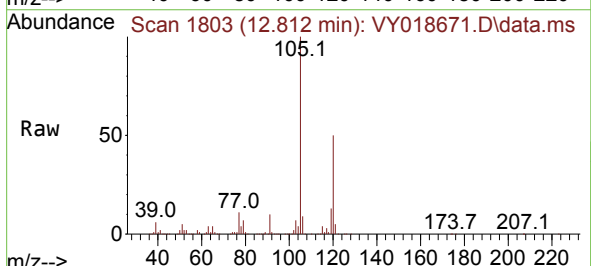
Acq: 24 Jun 2024 09:14

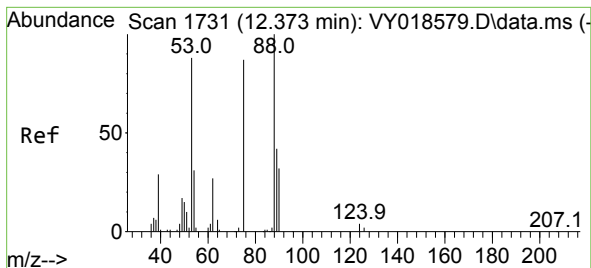
Tgt Ion:105 Resp: 315210

Ion Ratio Lower Upper

105 100

120 51.8 25.1 75.2

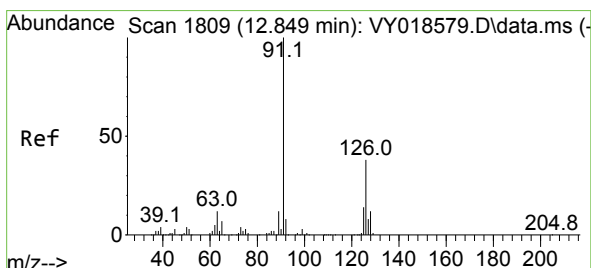
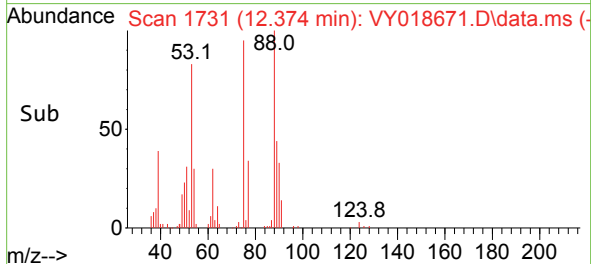
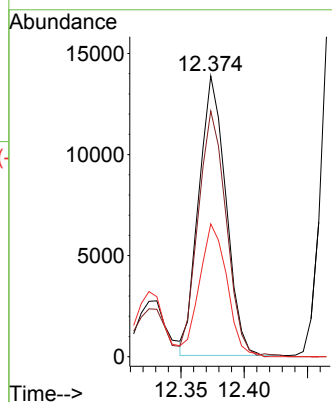
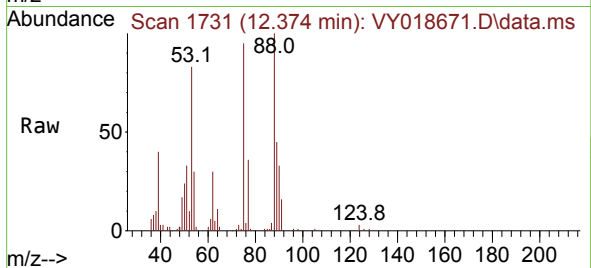




#81
trans-1,4-Dichloro-2-butene
Concen: 52.841 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

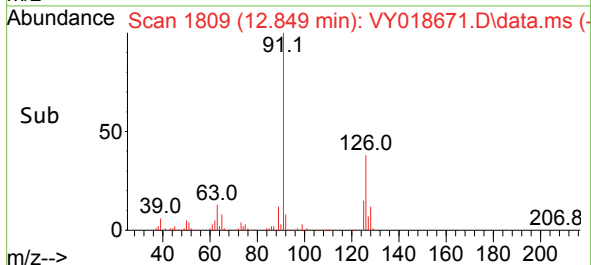
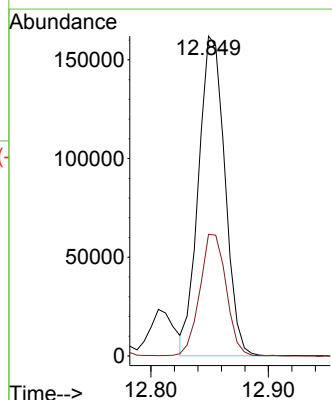
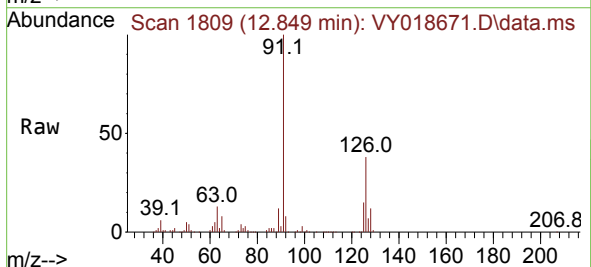
Instrument :
MSVOA_Y
ClientSampleId :

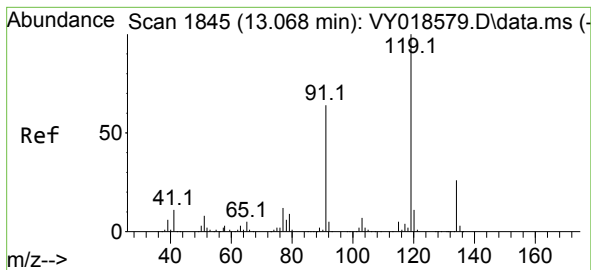
Tgt Ion	75	Resp:	20595
Ion	Ratio	Lower	Upper
75	100		
53	91.2	66.8	100.2
89	48.2	35.8	53.6



#82
4-Chlorotoluene
Concen: 47.645 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018671.D
Acq: 24 Jun 2024 09:14

Tgt Ion	91	Resp:	251896
Ion	Ratio	Lower	Upper
91	100		
126	38.2	17.6	52.9





#83

tert-Butylbenzene

Concen: 51.051 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

ClientSampleId :

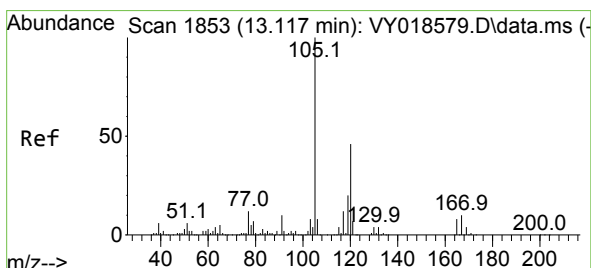
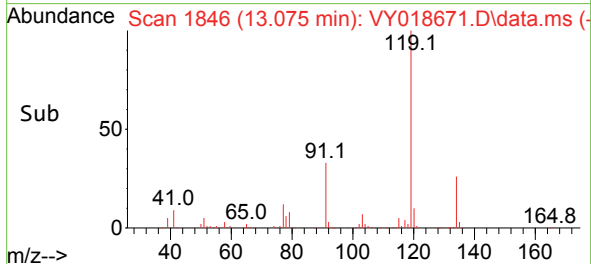
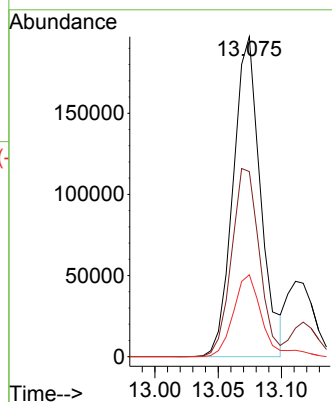
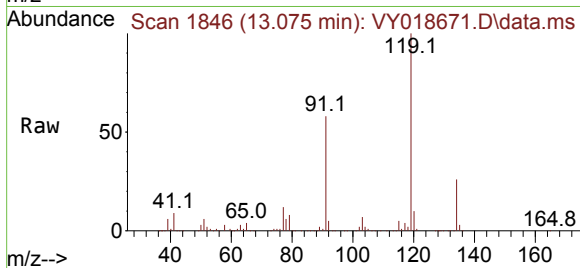
Tgt Ion:119 Resp: 297608

Ion Ratio Lower Upper

119 100

91 59.9 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.045 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018671.D

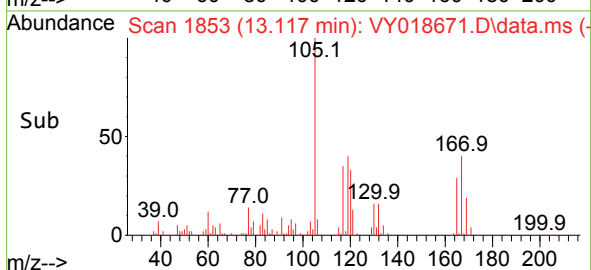
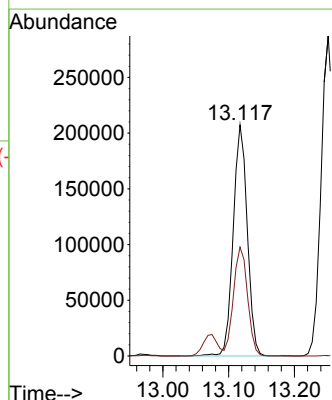
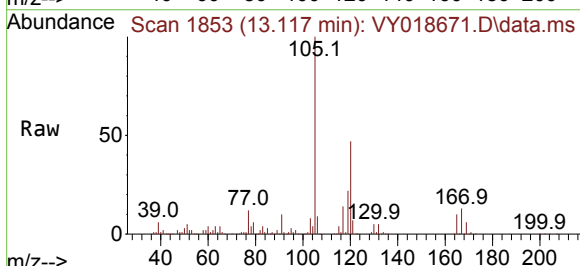
Acq: 24 Jun 2024 09:14

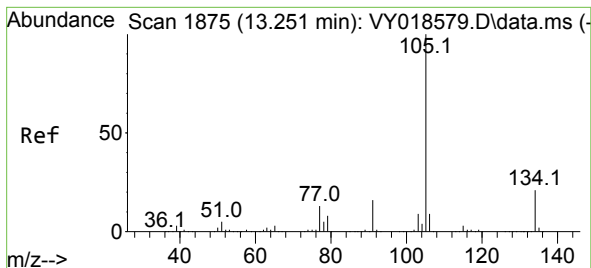
Tgt Ion:105 Resp: 308766

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.282 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

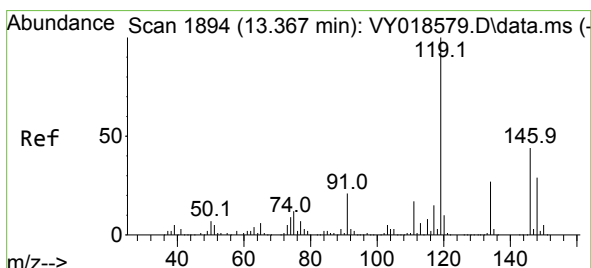
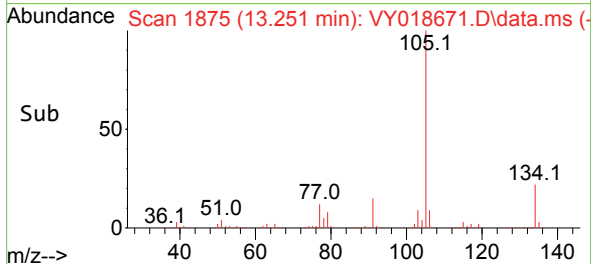
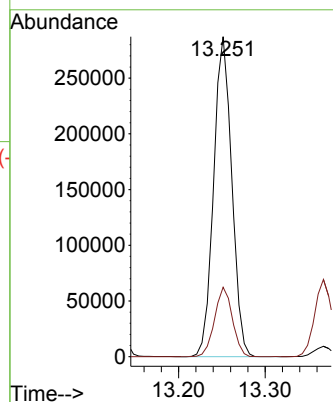
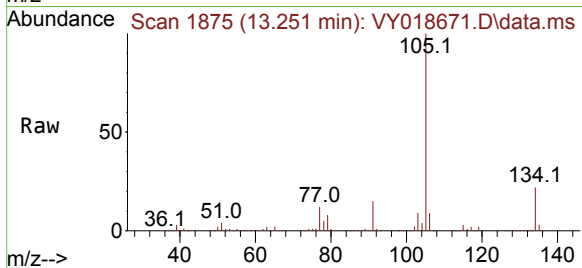
ClientSampleId :

Tgt Ion:105 Resp: 418067

Ion Ratio Lower Upper

105 100

134 21.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.043 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

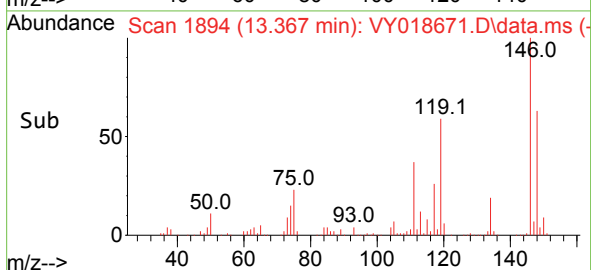
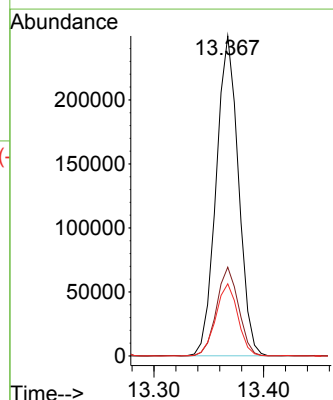
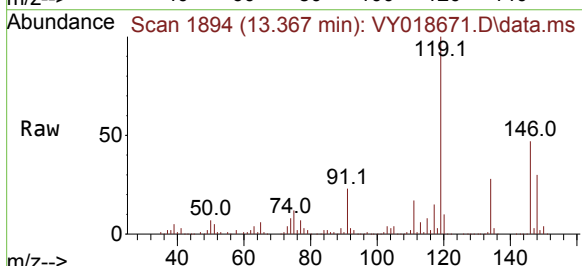
Tgt Ion:119 Resp: 352741

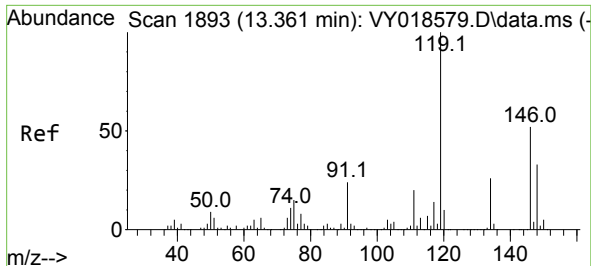
Ion Ratio Lower Upper

119 100

134 27.6 13.1 39.3

91 22.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.413 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

ClientSampleId :

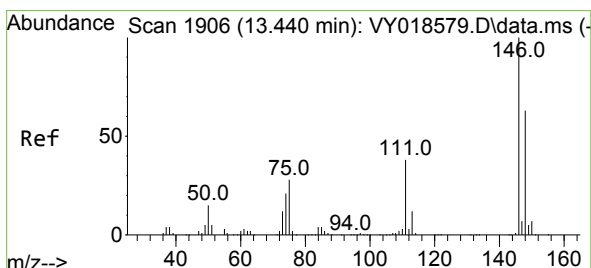
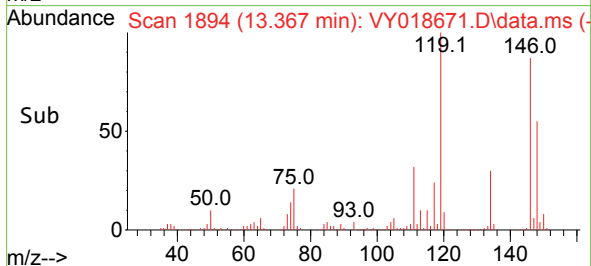
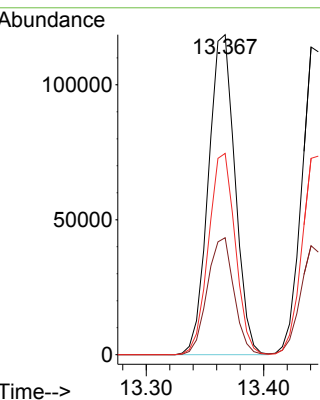
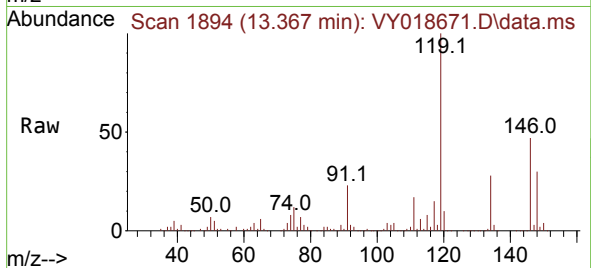
Tgt Ion:146 Resp: 186889

Ion Ratio Lower Upper

146 100

111 36.5 19.0 57.0

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.150 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

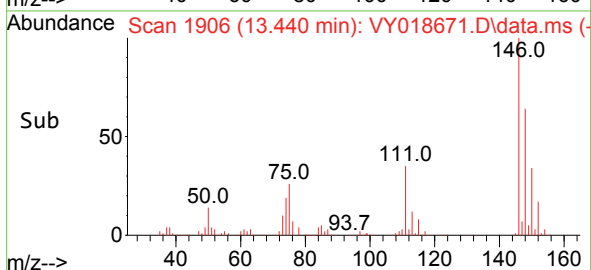
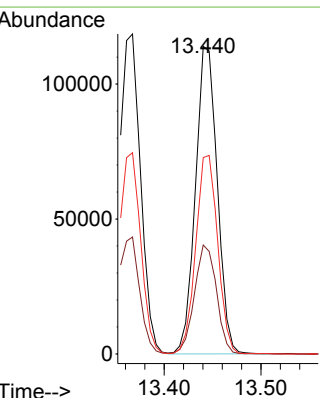
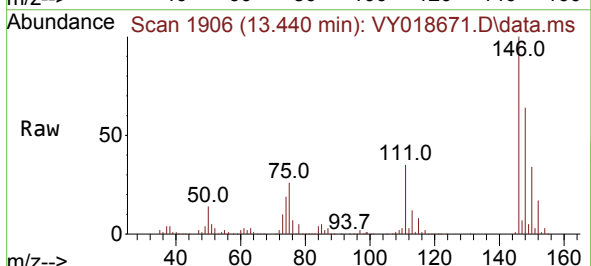
Tgt Ion:146 Resp: 178798

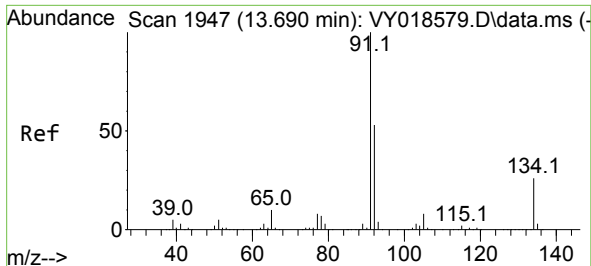
Ion Ratio Lower Upper

146 100

111 35.8 18.4 55.4

148 65.2 32.4 97.2





#89

n-Butylbenzene

Concen: 49.096 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

ClientSampleId :

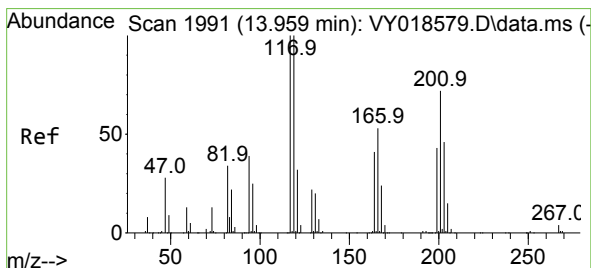
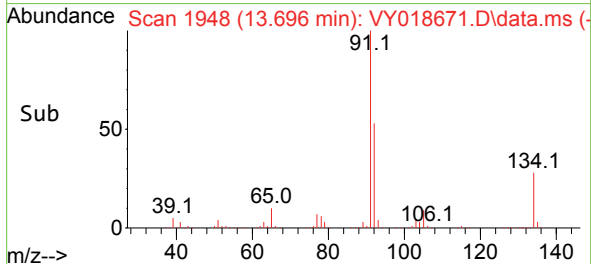
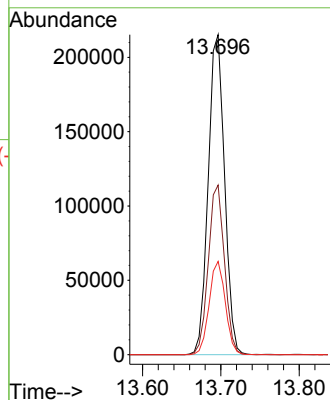
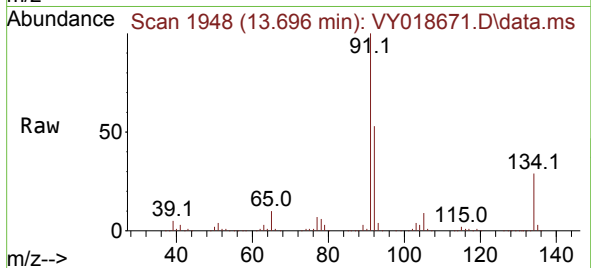
Tgt Ion: 91 Resp: 311926

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 28.8 12.9 38.7



#90

Hexachloroethane

Concen: 54.485 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018671.D

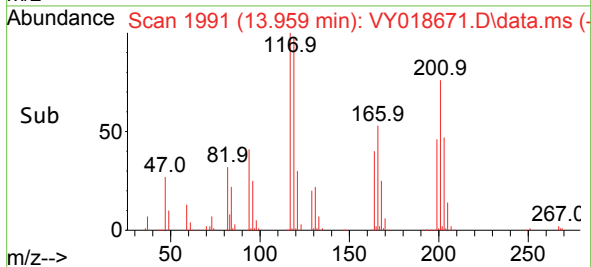
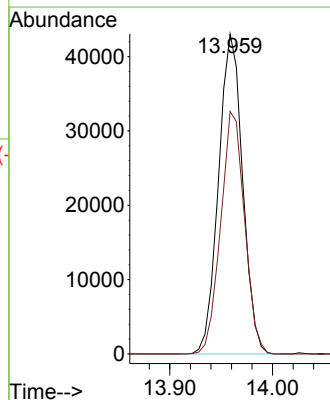
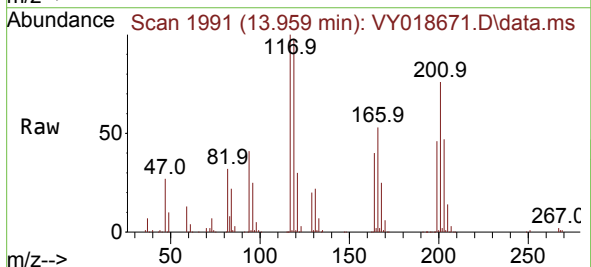
Acq: 24 Jun 2024 09:14

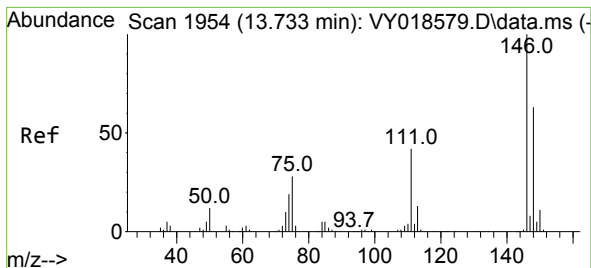
Tgt Ion: 117 Resp: 69767

Ion Ratio Lower Upper

117 100

201 75.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.865 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

ClientSampleId :

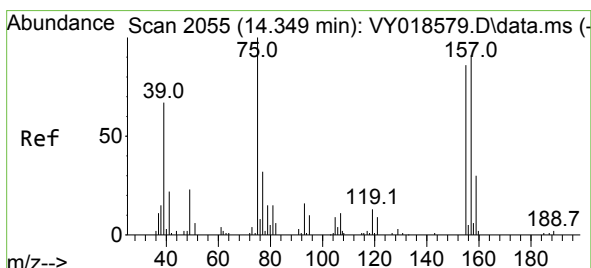
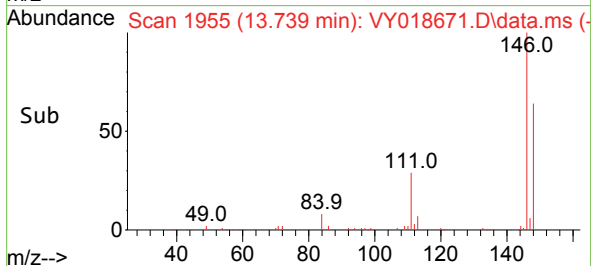
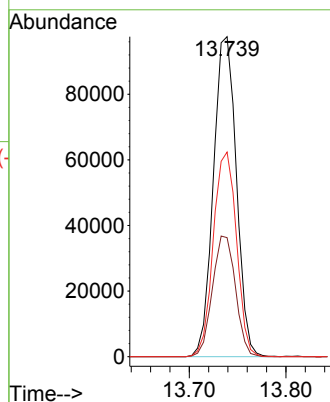
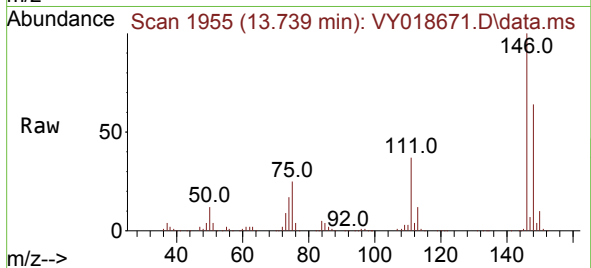
Tgt Ion:146 Resp: 161082

Ion Ratio Lower Upper

146 100

111 37.8 19.9 59.7

148 64.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.590 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

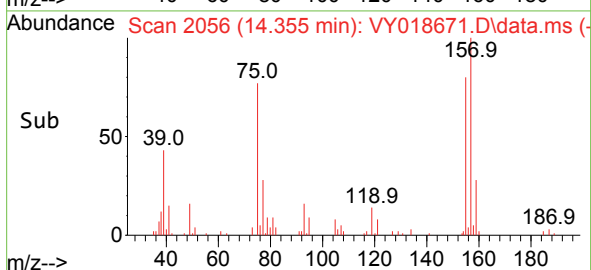
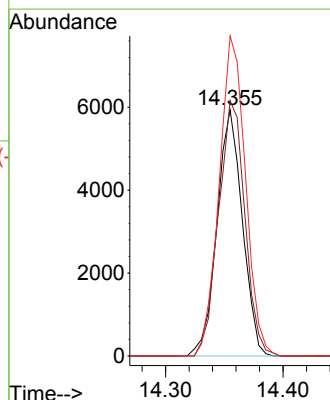
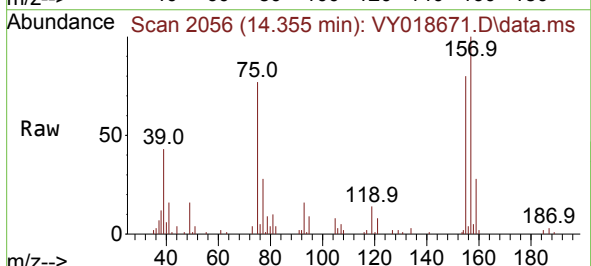
Tgt Ion: 75 Resp: 8907

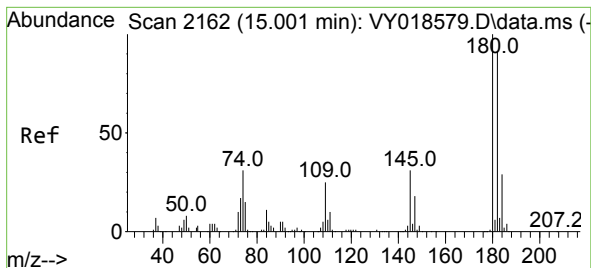
Ion Ratio Lower Upper

75 100

155 107.8 48.6 145.8

157 134.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.627 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

ClientSampleId :

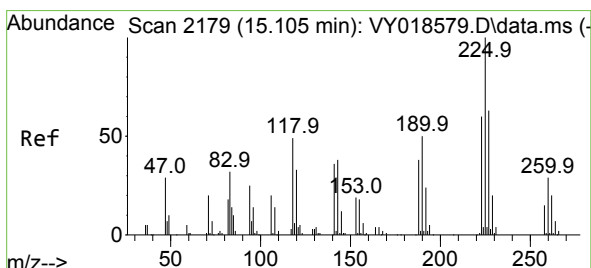
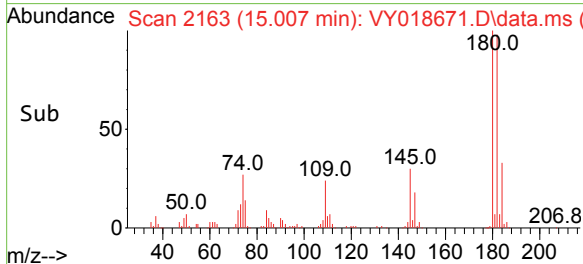
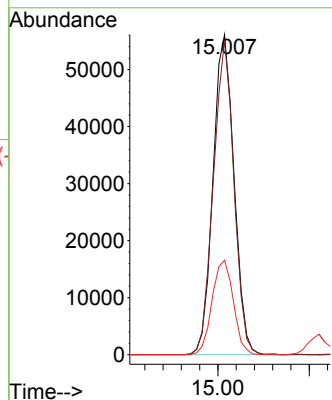
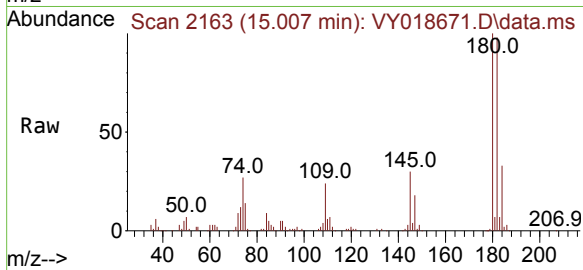
Tgt Ion:180 Resp: 89321

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.175 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

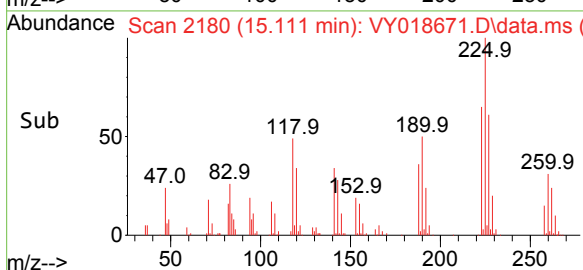
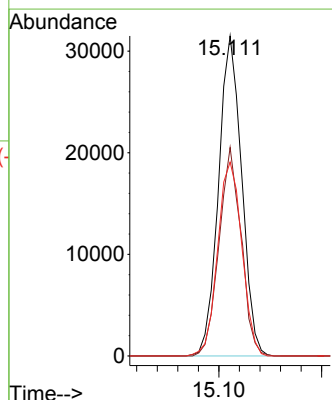
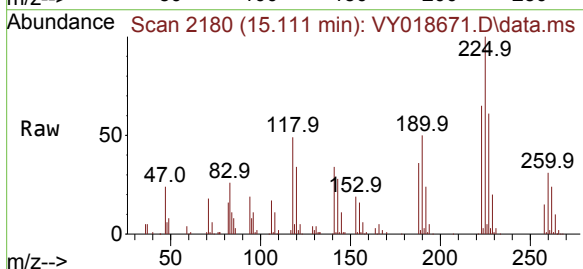
Tgt Ion:225 Resp: 49111

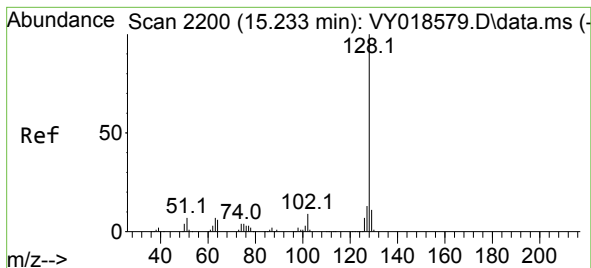
Ion Ratio Lower Upper

225 100

223 62.1 30.4 91.2

227 63.4 31.9 95.9





#95

Naphthalene

Concen: 48.976 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Instrument :

MSVOA_Y

ClientSampleId :

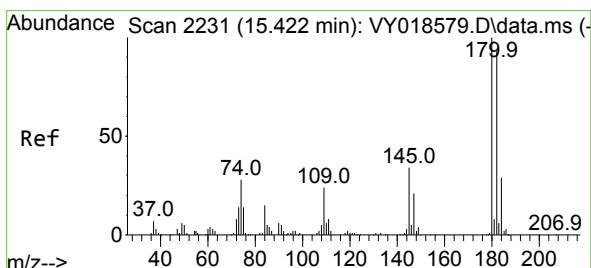
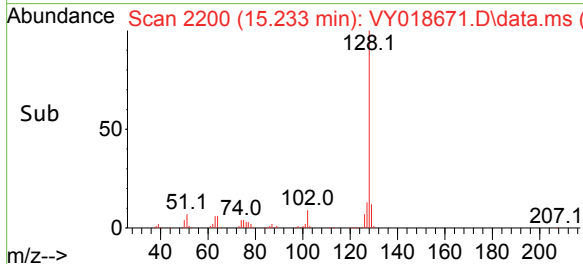
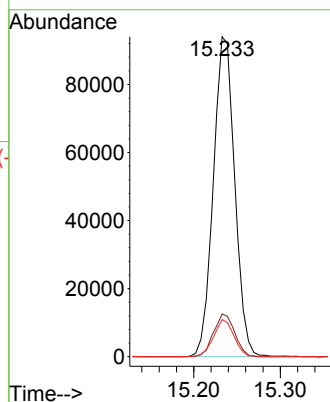
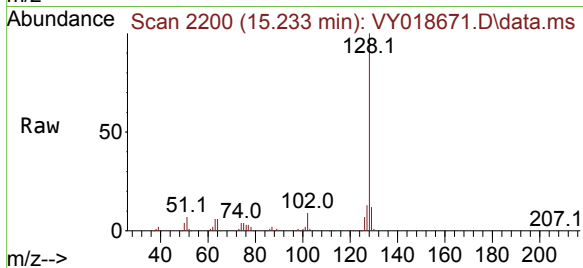
Tgt Ion:128 Resp: 161475

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.238 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018671.D

Acq: 24 Jun 2024 09:14

Tgt Ion:180 Resp: 74890

Ion Ratio Lower Upper

180 100

182 93.5 47.6 142.9

145 31.8 15.4 46.1

