

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061324\
 Data File : VY018581.D
 Acq On : 13 Jun 2024 17:58
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 14 06:50:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 06:38:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	178492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	289976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	260391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	261107	145.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 290.600%#	
35) Dibromofluoromethane	7.704	113	277634	156.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 313.900%#	
50) Toluene-d8	10.173	98	1029489	151.338	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 302.680%#	
62) 4-Bromofluorobenzene	12.477	95	329139	153.226	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 306.460%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.894	85	195837	166.585	ug/l	99
3) Chloromethane	2.101	50	320901	132.537	ug/l	99
4) Vinyl Chloride	2.241	62	421221	140.480	ug/l	97
5) Bromomethane	2.613	94	306663	137.598	ug/l	97
6) Chloroethane	2.772	64	268366	136.627	ug/l	99
7) Trichlorofluoromethane	3.101	101	486566	150.692	ug/l	99
8) Diethyl Ether	3.509	74	139170	151.165	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.875	101	260153	154.205	ug/l	98
10) Methyl Iodide	4.070	142	302352	146.861	ug/l	95
11) Tert butyl alcohol	4.942	59	114680	354.781	ug/l #	84
12) 1,1-Dichloroethene	3.851	96	261887	154.468	ug/l	98
13) Acrolein	3.710	56	74087	712.920	ug/l	98
14) Allyl chloride	4.454	41	332576	145.506	ug/l	98
15) Acrylonitrile	5.143	53	287628	702.282	ug/l	99
16) Acetone	3.930	43	239384	654.750	ug/l	94
17) Carbon Disulfide	4.174	76	782747	147.695	ug/l	99
18) Methyl Acetate	4.460	43	131612	141.921	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	674811	149.210	ug/l	100
20) Methylene Chloride	4.698	84	293593	147.829	ug/l	98
21) trans-1,2-Dichloroethene	5.198	96	301082	156.001	ug/l	99
22) Diisopropyl ether	6.100	45	637748	123.596	ug/l #	88
23) Vinyl Acetate	6.039	43	2812158	754.258	ug/l	97
24) 1,1-Dichloroethane	5.997	63	482738	145.216	ug/l	98
25) 2-Butanone	6.966	43	366295	668.379	ug/l	96
26) 2,2-Dichloropropane	6.966	77	417598	149.103	ug/l	100
27) cis-1,2-Dichloroethene	6.966	96	354628	152.123	ug/l	99
28) Bromochloromethane	7.320	49	166938	122.521	ug/l	94
29) Tetrahydrofuran	7.338	42	222773	662.387	ug/l	98
30) Chloroform	7.490	83	533450	147.247	ug/l	100
31) Cyclohexane	7.771	56	382930	139.109	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	480991	156.279	ug/l	98
36) 1,1-Dichloropropene	7.905	75	381457	156.667	ug/l	99
37) Ethyl Acetate	7.064	43	161567	140.765	ug/l #	97
38) Carbon Tetrachloride	7.887	117	429572	168.166	ug/l	100
39) Methylcyclohexane	9.173	83	494925	165.894	ug/l	99
40) Benzene	8.149	78	1164498	154.645	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	84621	153.223	ug/l	# 92
42) 1,2-Dichloroethane	8.228	62	296074	150.711	ug/l	99
43) Isopropyl Acetate	8.265	43	317714	148.305	ug/l	96
44) Trichloroethene	8.929	130	311846	158.180	ug/l	97
45) 1,2-Dichloropropane	9.209	63	256512	148.976	ug/l	99
46) Dibromomethane	9.295	93	168825	158.020	ug/l	98
47) Bromodichloromethane	9.490	83	405001	158.828	ug/l	98
48) Methyl methacrylate	9.283	41	148091	153.551	ug/l	96
49) 1,4-Dioxane	9.289	88	42974	3058.423	ug/l	# 93
51) 4-Methyl-2-Pentanone	10.063	43	779341	690.639	ug/l	99
52) Toluene	10.240	92	729447	150.880	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	358972	161.092	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	434527	161.587	ug/l	97
55) 1,1,2-Trichloroethane	10.636	97	212240	149.358	ug/l	97
56) Ethyl methacrylate	10.502	69	278337	149.684	ug/l	95
57) 1,3-Dichloropropane	10.782	76	354810	150.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	709245	790.081	ug/l	95
59) 2-Hexanone	10.825	43	529499	669.888	ug/l	98
60) Dibromochloromethane	10.977	129	290344	164.479	ug/l	99
61) 1,2-Dibromoethane	11.081	107	204711	155.877	ug/l	100
64) Tetrachloroethene	10.715	164	301052	162.098	ug/l	98
65) Chlorobenzene	11.514	112	830237	154.344	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	292569	162.303	ug/l	97
67) Ethyl Benzene	11.587	91	1431753	153.399	ug/l	96
68) m/p-Xylenes	11.697	106	1150650	316.824	ug/l	98
69) o-Xylene	12.026	106	545197	156.106	ug/l	98
70) Styrene	12.038	104	915062	158.599	ug/l	99
71) Bromoform	12.203	173	170238	172.112	ug/l	# 98
73) Isopropylbenzene	12.325	105	1368514	148.309	ug/l	98
74) N-amyl acetate	12.142	43	261362	138.321	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	218904	133.606	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	278146	227.265	ug/l	# 100
77) Bromobenzene	12.605	156	337345	158.083	ug/l	89
78) n-propylbenzene	12.666	91	1564203	144.848	ug/l	97
79) 2-Chlorotoluene	12.752	91	871655	142.992	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	1105954	151.227	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	71104	157.125	ug/l	96
82) 4-Chlorotoluene	12.849	91	889163	144.850	ug/l	95
83) tert-Butylbenzene	13.069	119	999080	147.607	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1118163	152.975	ug/l	99
85) sec-Butylbenzene	13.251	105	1422899	147.397	ug/l	97
86) p-Isopropyltoluene	13.367	119	1275430	155.843	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	669786	155.611	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	629879	149.129	ug/l	99
89) n-Butylbenzene	13.690	91	1072840	145.438	ug/l	98
90) Hexachloroethane	13.959	117	231468	155.690	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	564581	153.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	33354	140.587	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	348398	170.077	ug/l	98
94) Hexachlorobutadiene	15.111	225	178208	169.315	ug/l	97
95) Naphthalene	15.233	128	657474	171.751	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	295542	170.754	ug/l	99

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ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Fri Jun 14 06:38:50 2024
Response via : Initial Calibration

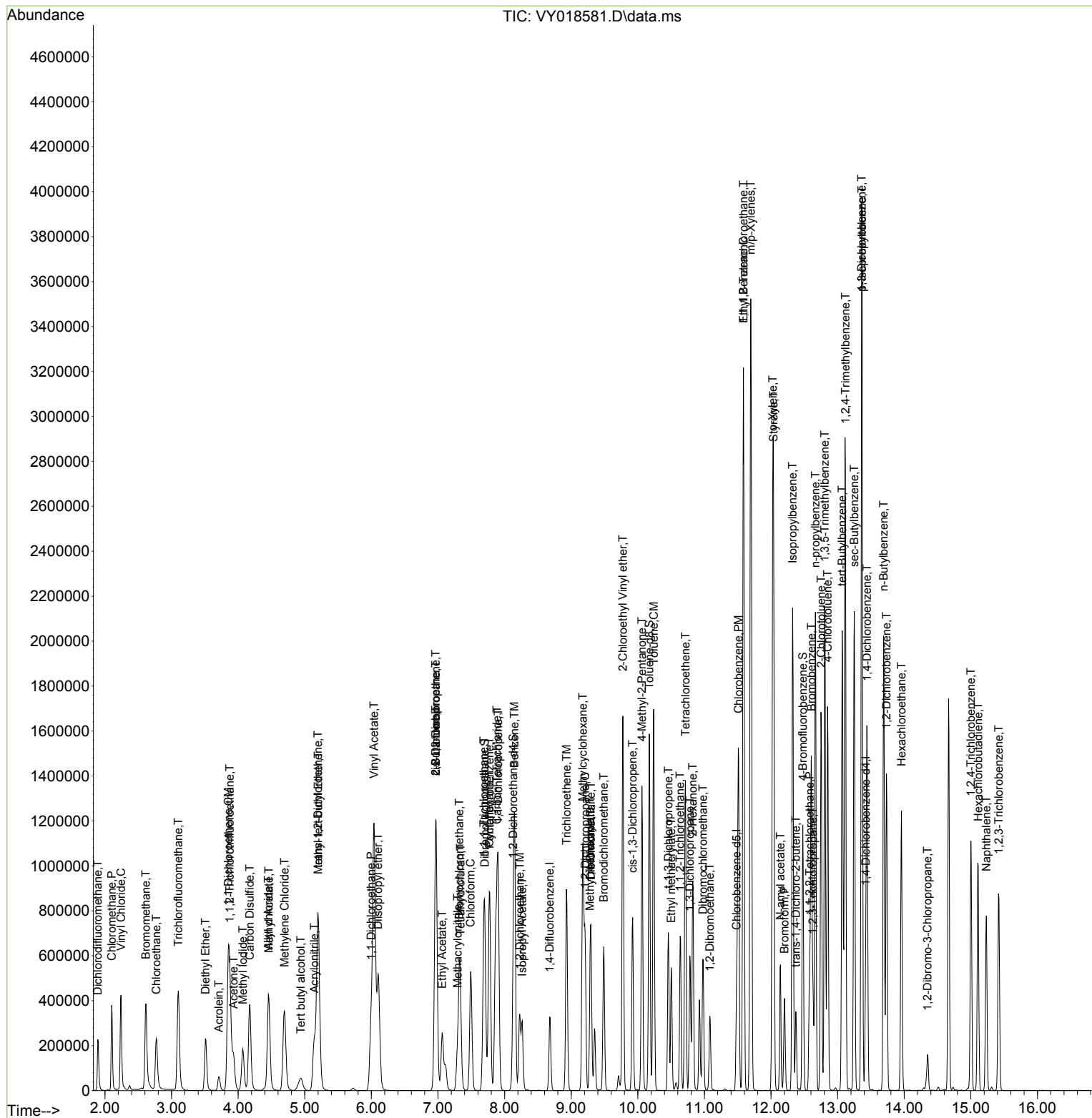
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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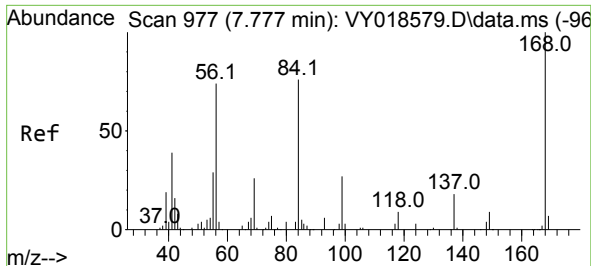
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Instrument :
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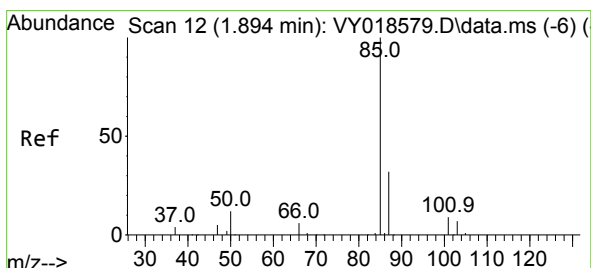
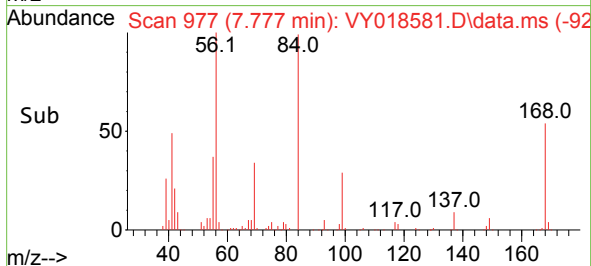
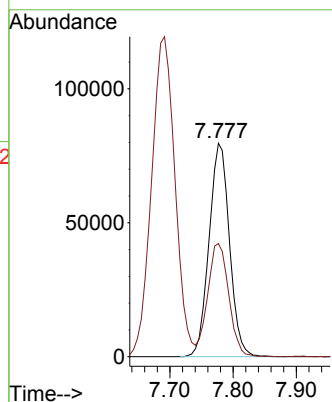
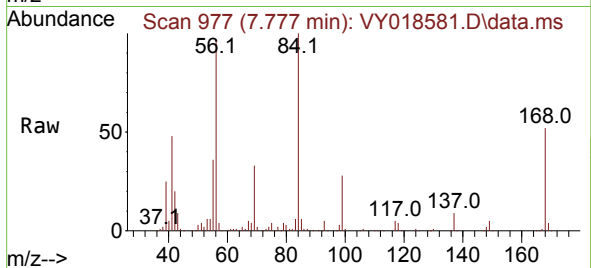




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
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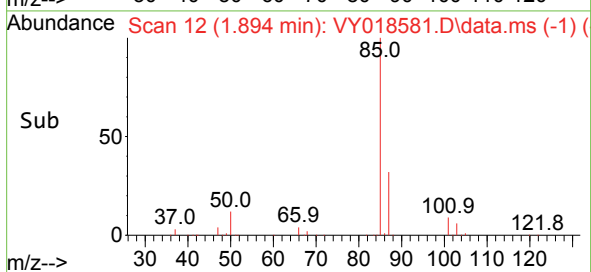
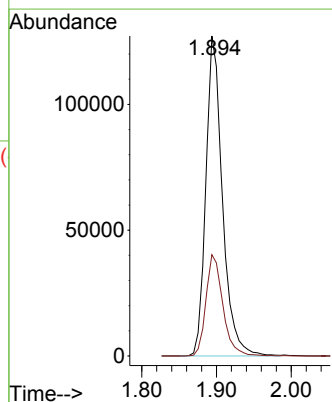
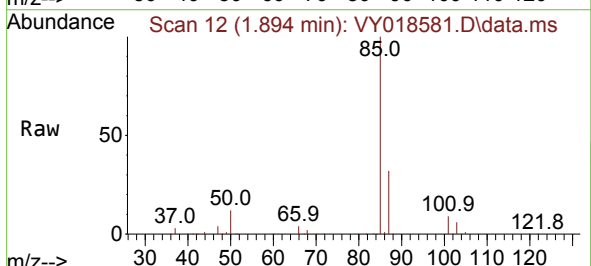
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

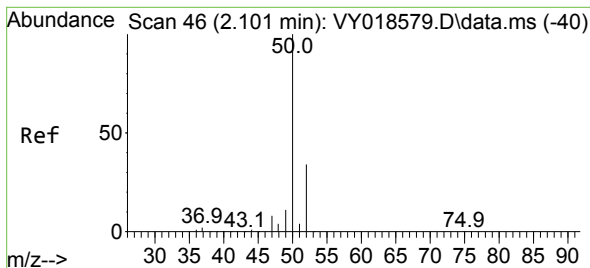
Tgt Ion:168 Resp: 178492
Ion Ratio Lower Upper
168 100
99 52.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 166.585 ug/l
RT: 1.894 min Scan# 12
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 85 Resp: 195837
Ion Ratio Lower Upper
85 100
87 31.7 16.0 48.0





#3

Chloromethane

Concen: 132.537 ug/l

RT: 2.101 min Scan# 46

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

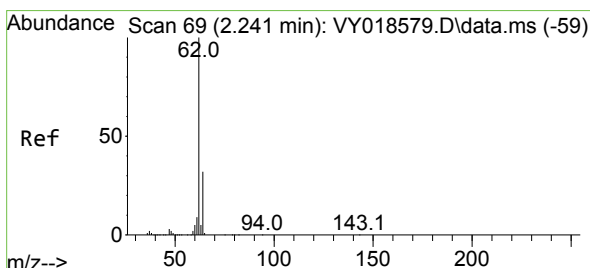
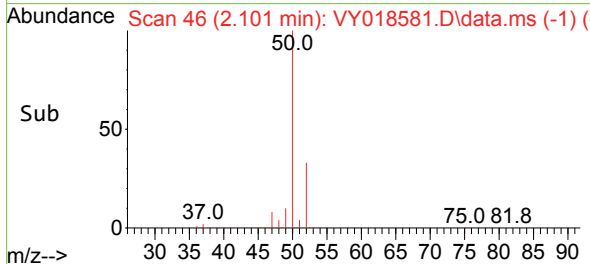
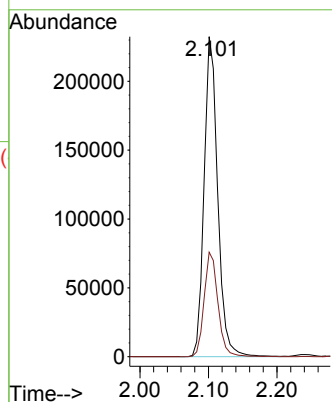
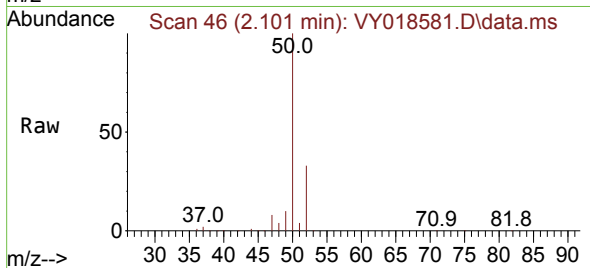
VSTDIC150

Tgt Ion: 50 Resp: 320901

Ion Ratio Lower Upper

50 100

52 32.7 25.6 38.4



#4

Vinyl Chloride

Concen: 140.480 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY018581.D

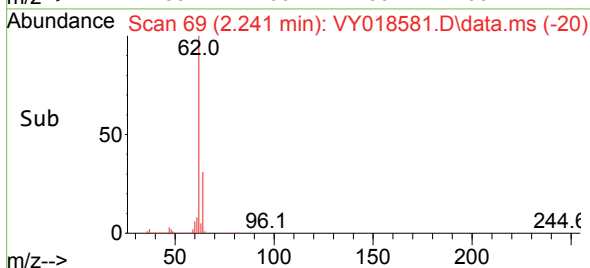
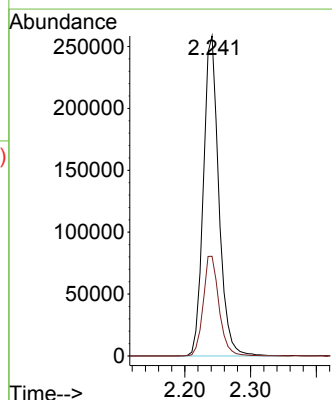
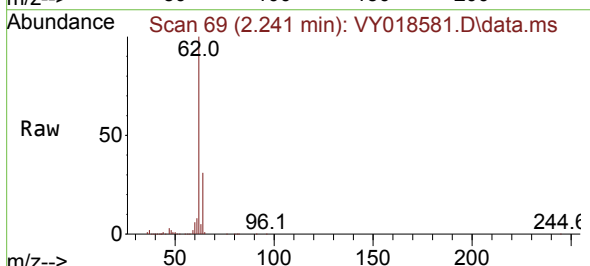
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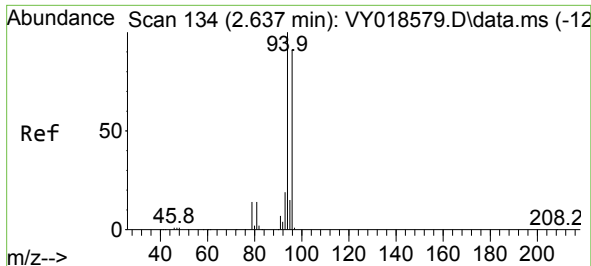
Tgt Ion: 62 Resp: 421221

Ion Ratio Lower Upper

62 100

64 31.1 26.1 39.1

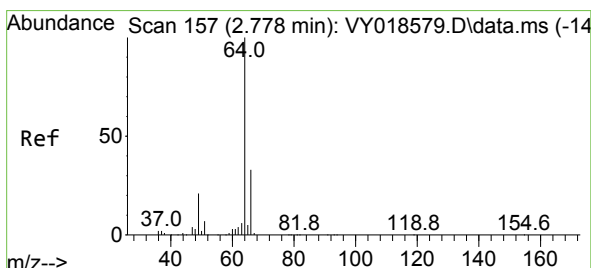
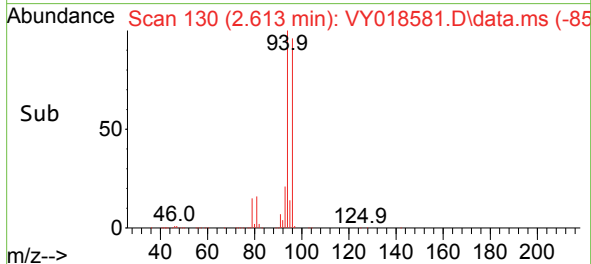
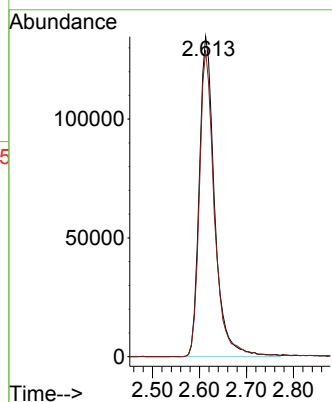
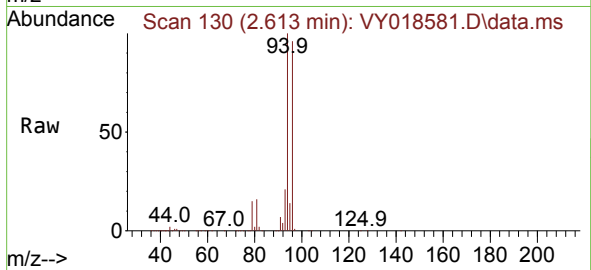




#5
Bromomethane
Concen: 137.598 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

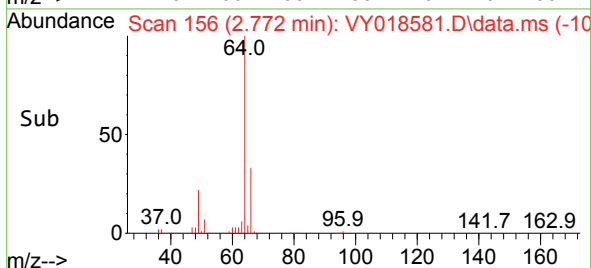
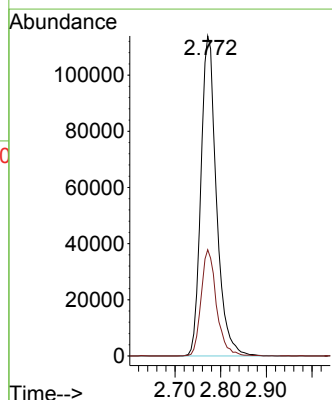
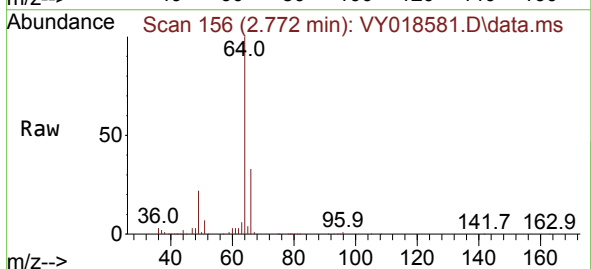
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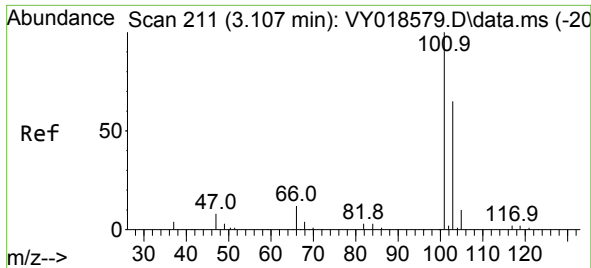
Tgt Ion: 94 Resp: 306663
Ion Ratio Lower Upper
94 100
96 95.8 74.1 111.1



#6
Chloroethane
Concen: 136.627 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.006 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 64 Resp: 268366
Ion Ratio Lower Upper
64 100
66 33.2 26.1 39.1

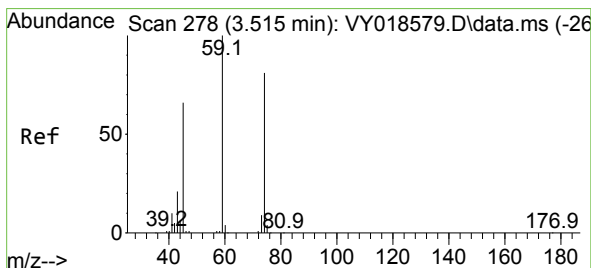
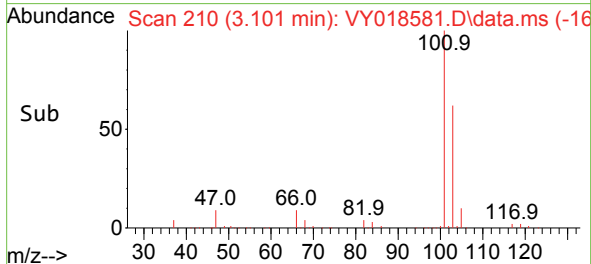
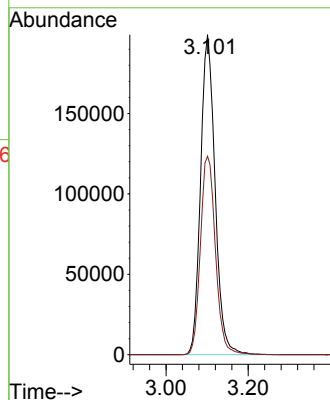
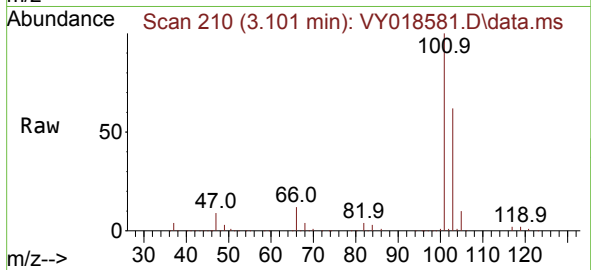




#7
Trichlorofluoromethane
Concen: 150.692 ug/l
RT: 3.101 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

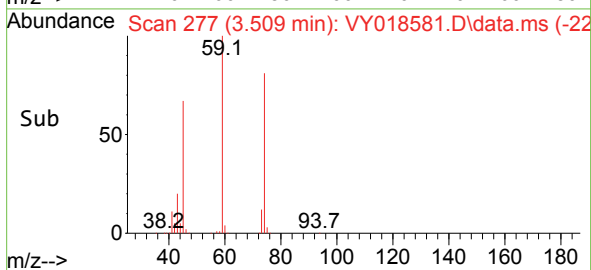
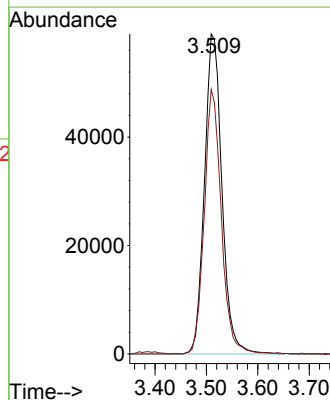
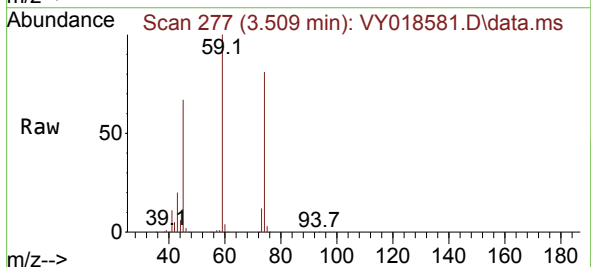
Instrument :
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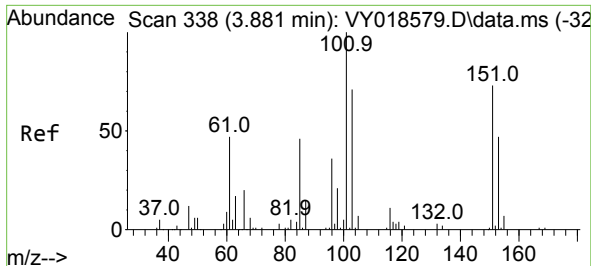
Tgt Ion:101 Resp: 486566
Ion Ratio Lower Upper
101 100
103 62.0 49.3 73.9



#8
Diethyl Ether
Concen: 151.165 ug/l
RT: 3.509 min Scan# 277
Delta R.T. -0.006 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 74 Resp: 139170
Ion Ratio Lower Upper
74 100
45 80.8 41.3 124.1

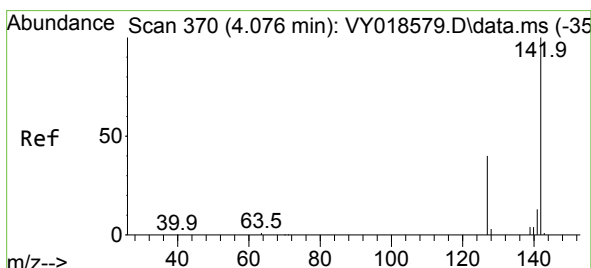
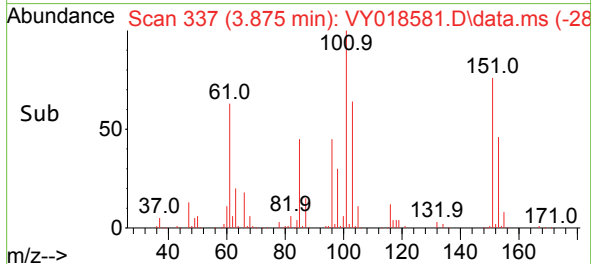
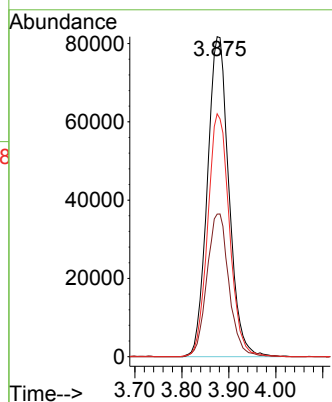
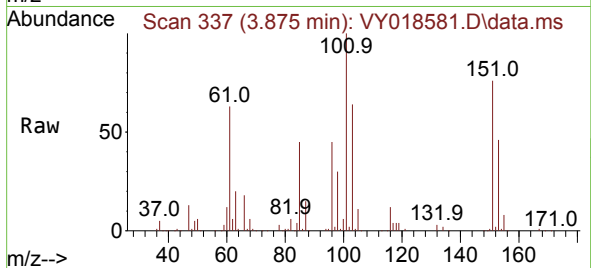




#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.205 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

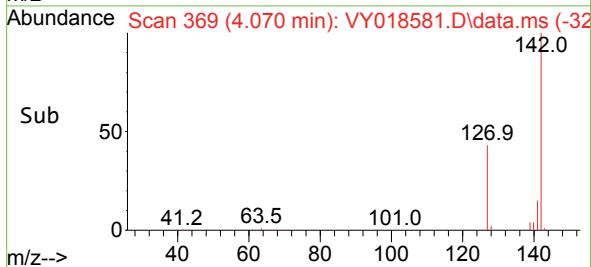
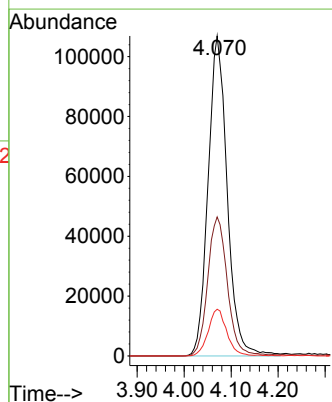
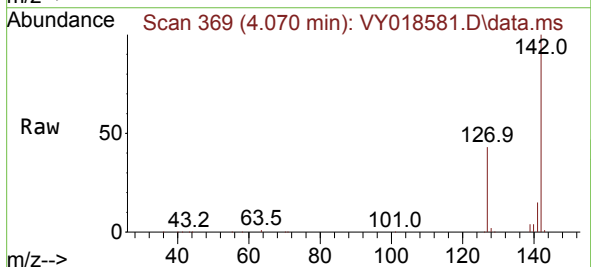
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

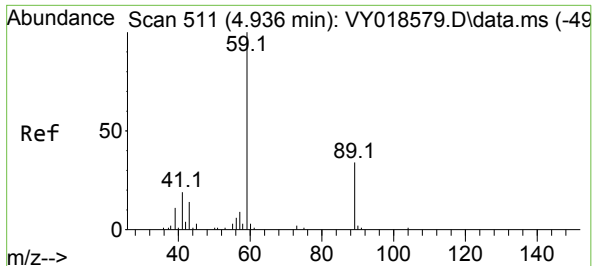
Tgt Ion:101 Resp: 260153
Ion Ratio Lower Upper
101 100
85 45.5 34.5 51.7
151 76.5 61.7 92.5



#10
Methyl Iodide
Concen: 146.861 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion:142 Resp: 302352
Ion Ratio Lower Upper
142 100
127 44.8 32.8 49.2
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 354.781 ug/l

RT: 4.942 min Scan# 511

Delta R.T. 0.006 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

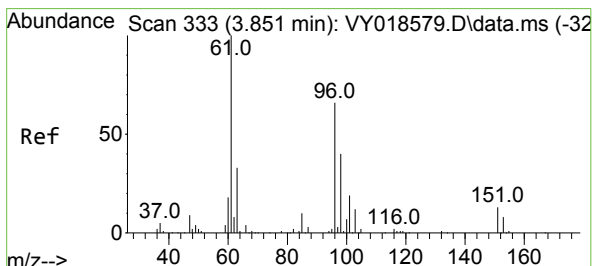
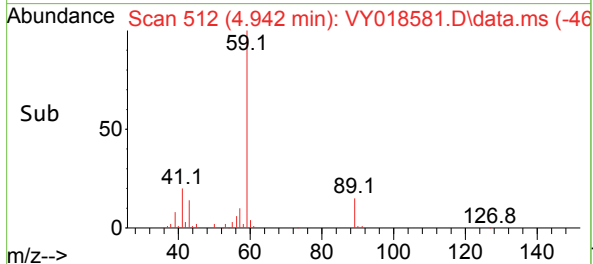
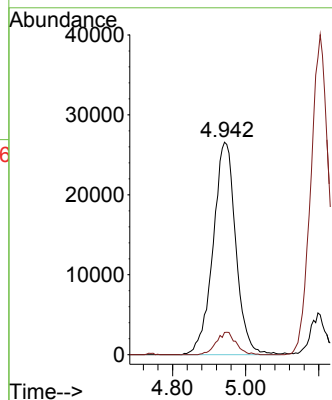
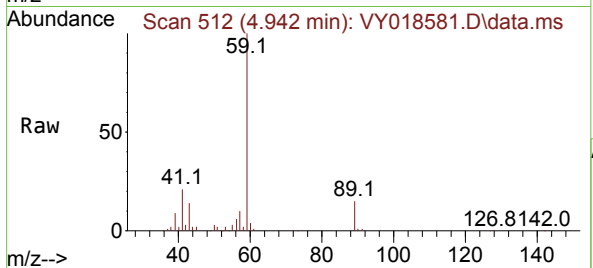
VSTDIC150

Tgt Ion: 59 Resp: 114680

Ion Ratio Lower Upper

59 100

57 9.2 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 154.468 ug/l

RT: 3.851 min Scan# 333

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

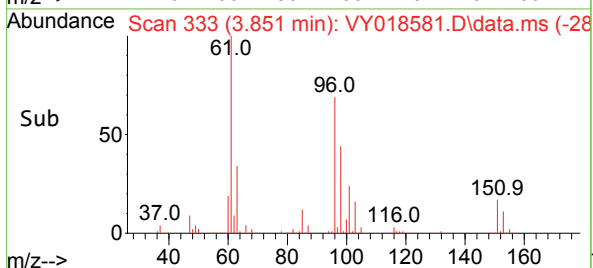
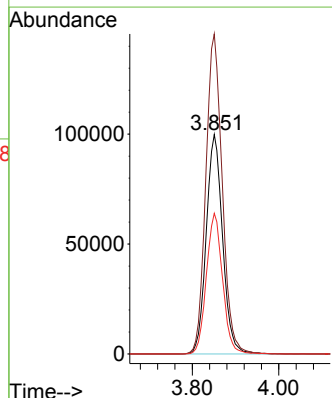
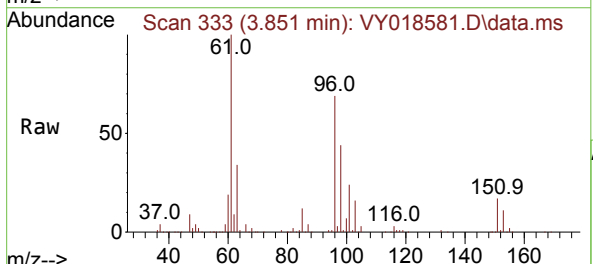
Tgt Ion: 96 Resp: 261887

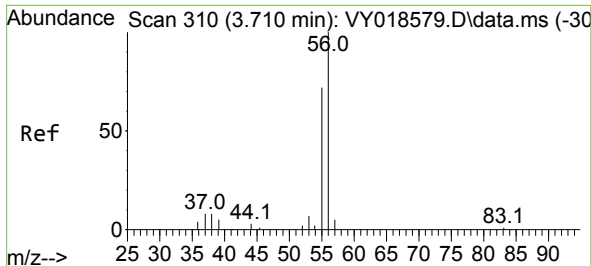
Ion Ratio Lower Upper

96 100

61 145.8 114.6 171.8

98 64.1 50.8 76.2

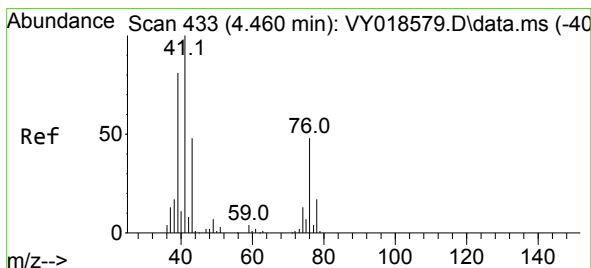
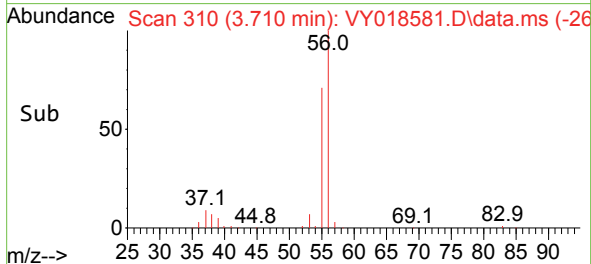
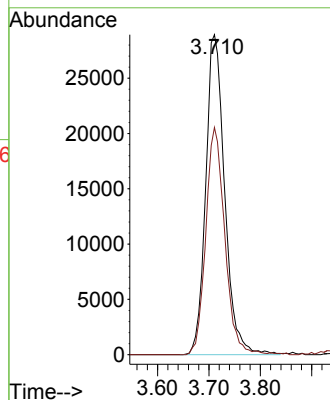
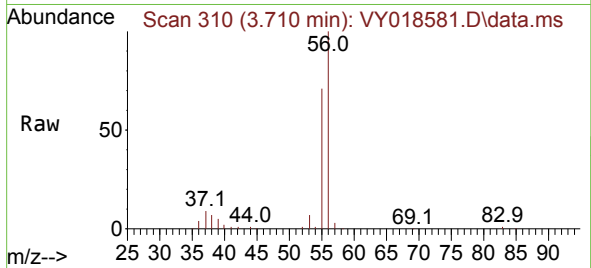




#13
Acrolein
Concen: 712.920 ug/l
RT: 3.710 min Scan# 310
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

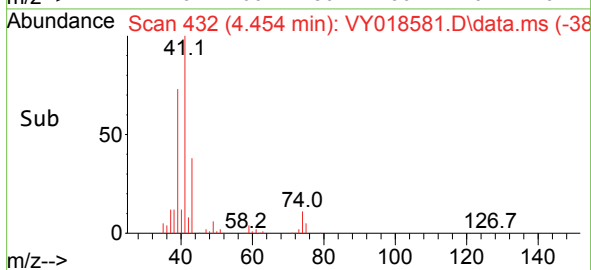
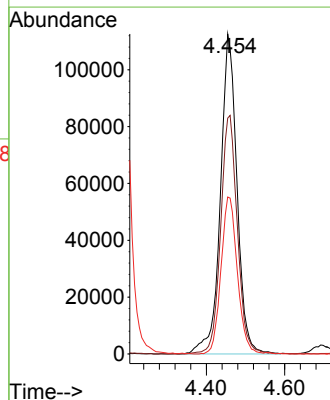
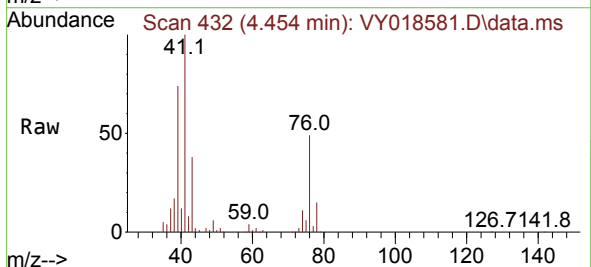
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

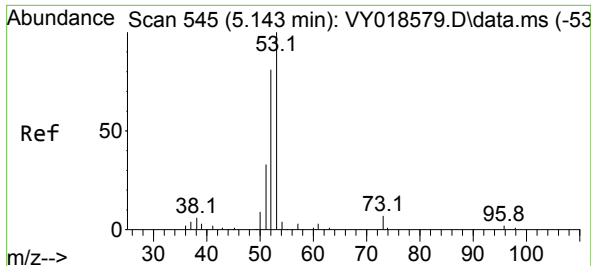
Tgt Ion: 56 Resp: 74087
Ion Ratio Lower Upper
56 100
55 71.1 55.7 83.5



#14
Allyl chloride
Concen: 145.506 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.006 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 41 Resp: 332576
Ion Ratio Lower Upper
41 100
39 75.1 58.3 87.5
76 48.1 39.0 58.6

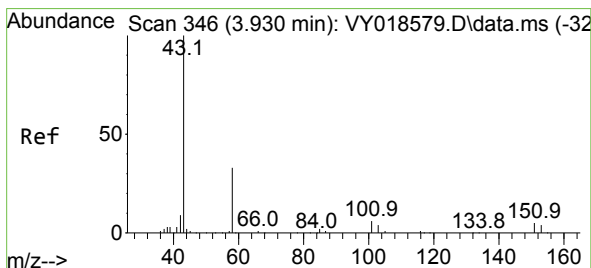
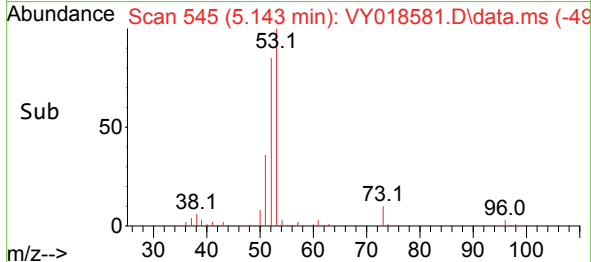
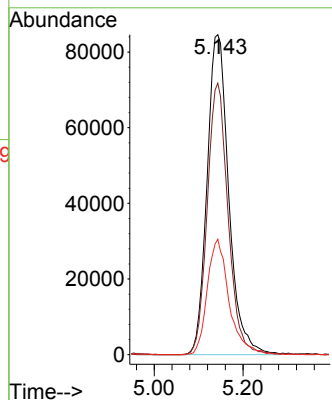
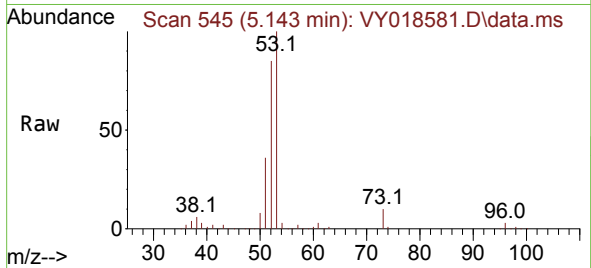




#15
Acrylonitrile
Concen: 702.282 ug/l
RT: 5.143 min Scan# 545
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

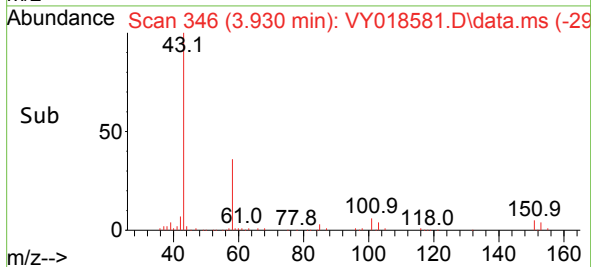
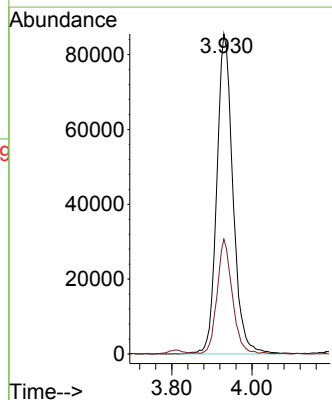
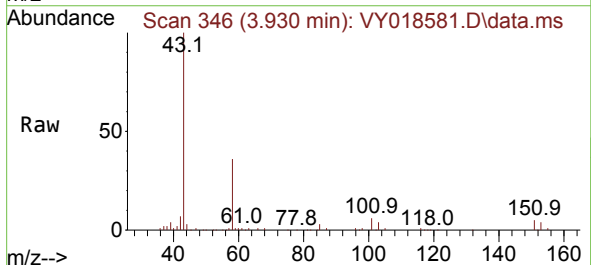
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

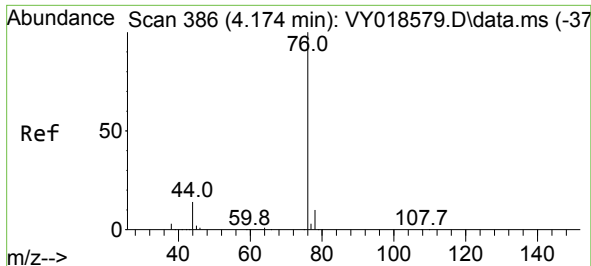
Tgt Ion: 53 Resp: 287628
Ion Ratio Lower Upper
53 100
52 81.4 64.7 97.1
51 36.4 28.4 42.6



#16
Acetone
Concen: 654.750 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 43 Resp: 239384
Ion Ratio Lower Upper
43 100
58 35.7 31.7 47.5

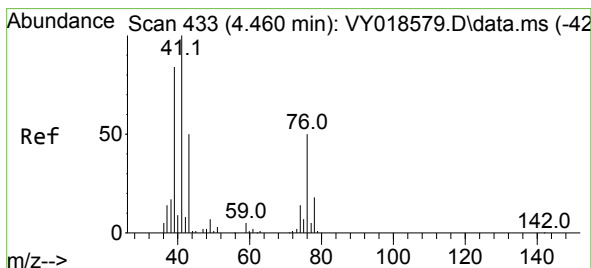
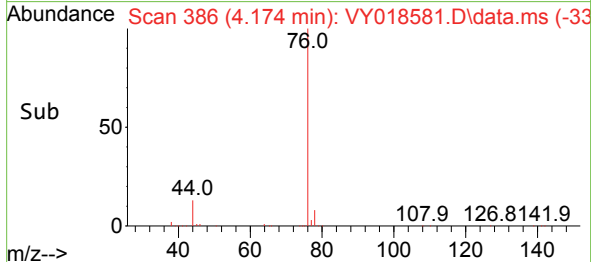
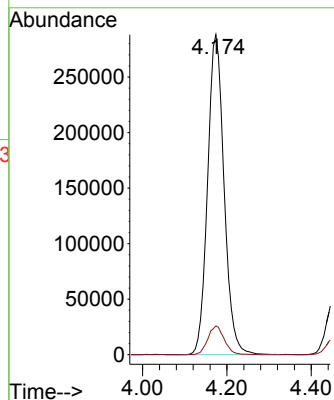
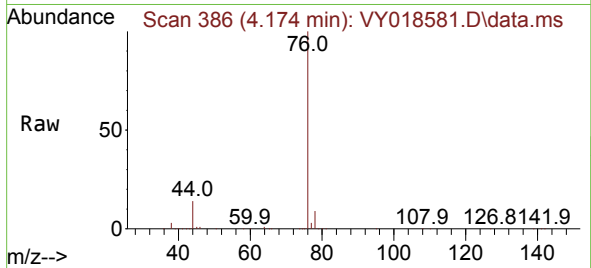




#17
Carbon Disulfide
Concen: 147.695 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

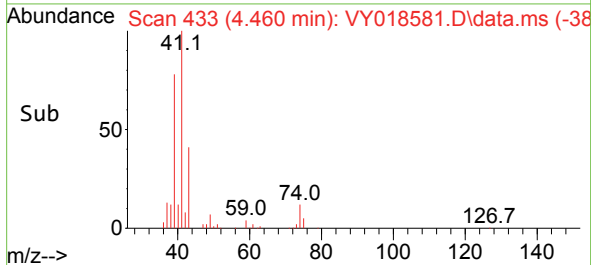
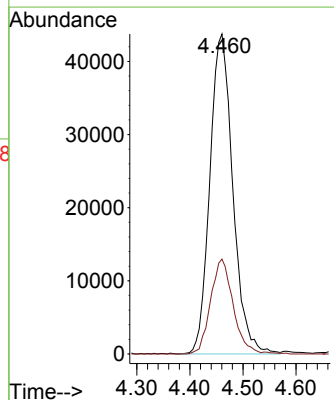
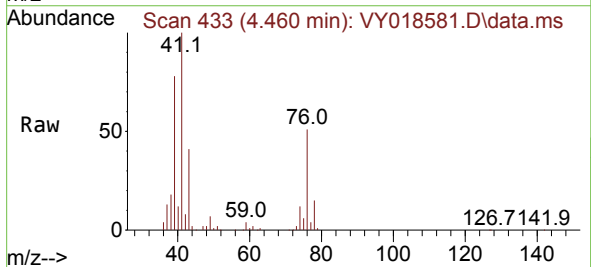
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

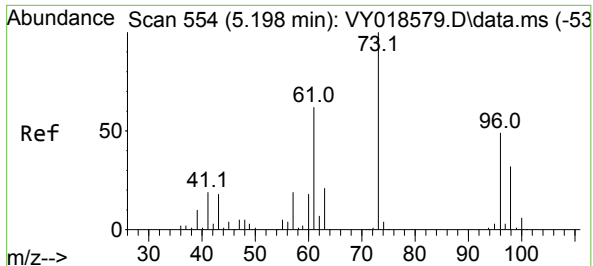
Tgt Ion: 76 Resp: 782747
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 141.921 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 43 Resp: 131612
Ion Ratio Lower Upper
43 100
74 29.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 149.210 ug/l

RT: 5.204 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

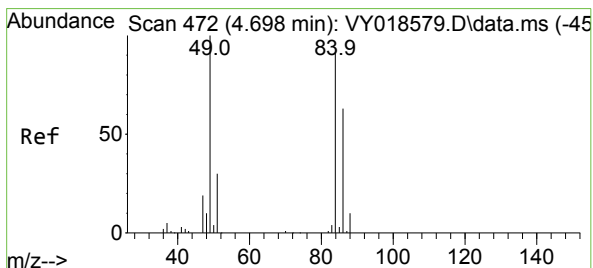
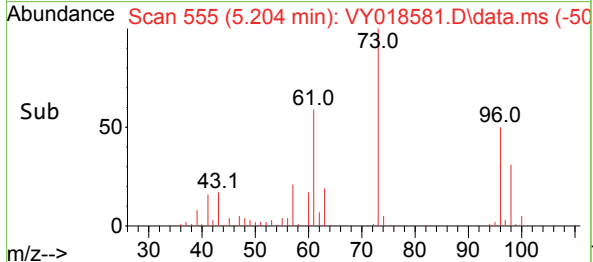
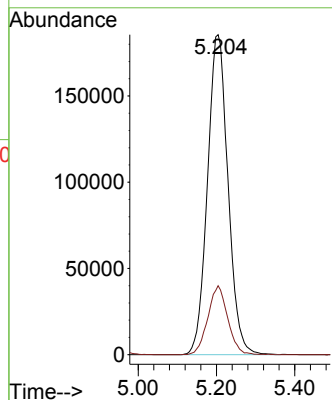
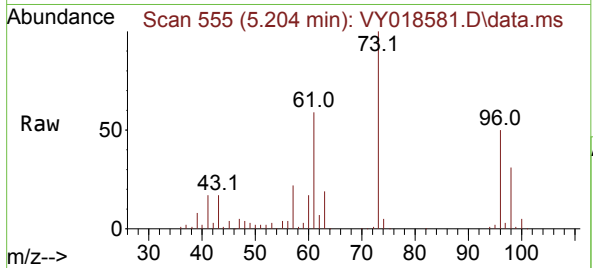
VSTDIC150

Tgt Ion: 73 Resp: 674811

Ion Ratio Lower Upper

73 100

57 21.6 17.3 25.9



#20

Methylene Chloride

Concen: 147.829 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Tgt Ion: 84 Resp: 293593

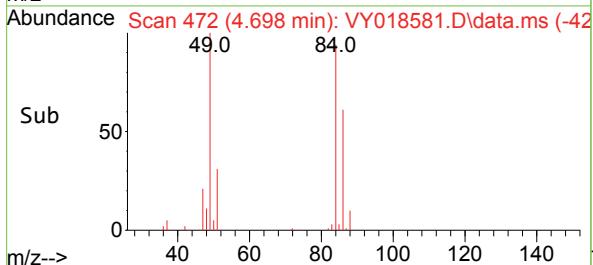
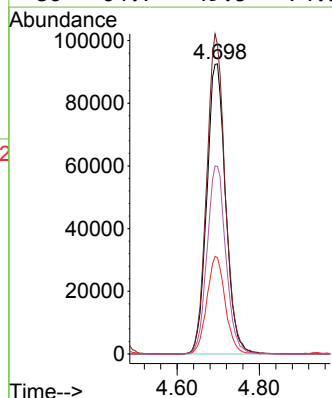
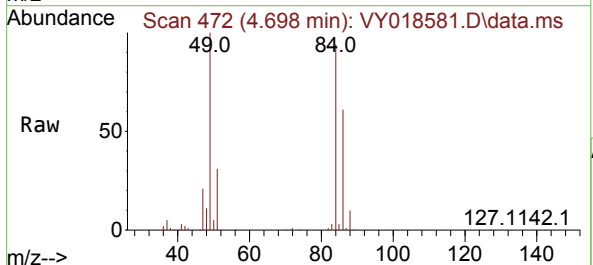
Ion Ratio Lower Upper

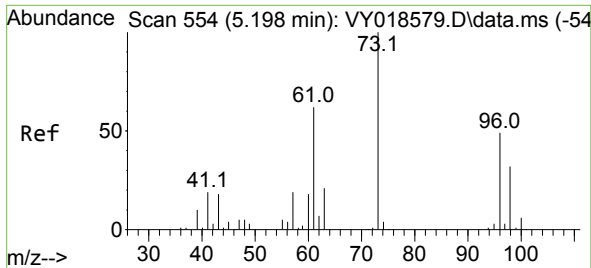
84 100

49 106.6 84.4 126.6

51 33.2 26.0 39.0

86 64.7 49.5 74.3

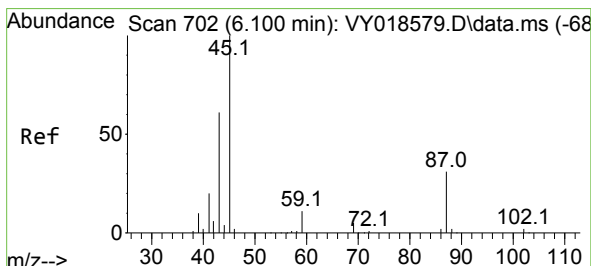
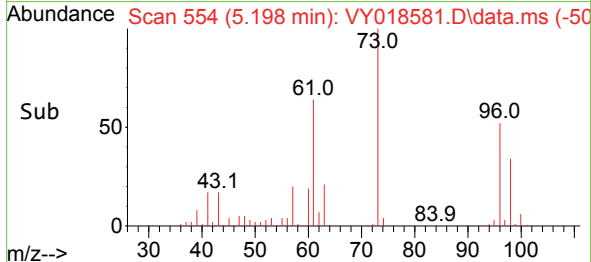
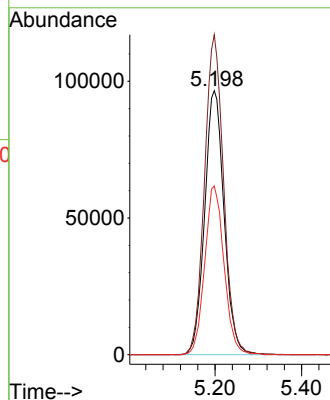
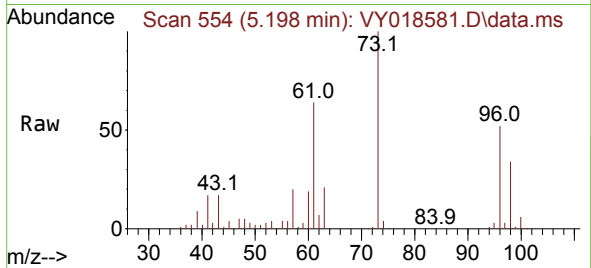




#21
trans-1,2-Dichloroethene
Concen: 156.001 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

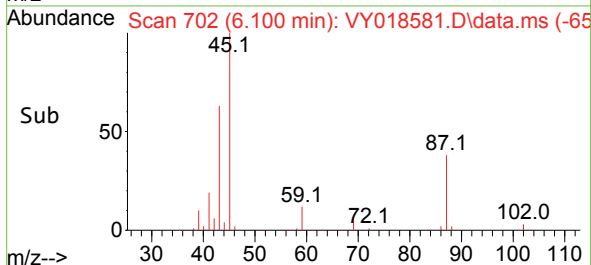
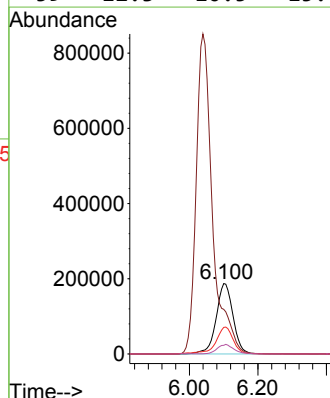
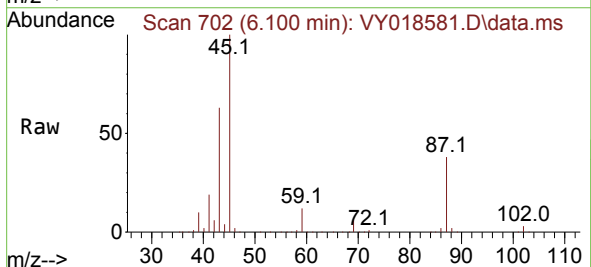
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

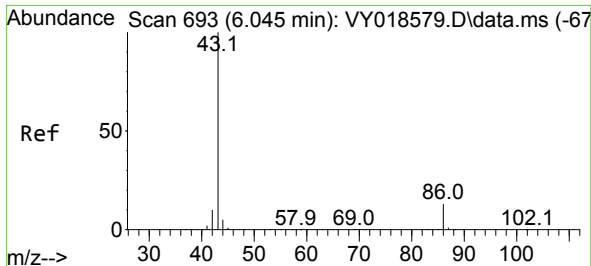
Tgt Ion: 96 Resp: 301082
Ion Ratio Lower Upper
96 100
61 121.2 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 123.596 ug/l
RT: 6.100 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 45 Resp: 637748
Ion Ratio Lower Upper
45 100
43 63.1 42.2 63.2
87 37.7 25.0 37.6#
59 12.3 10.5 15.7

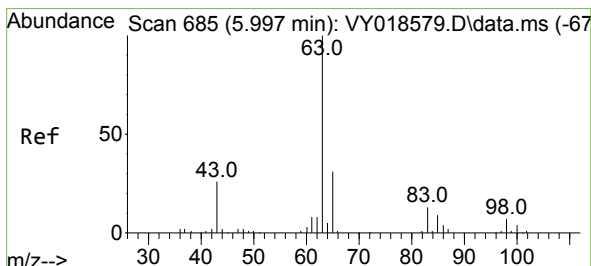
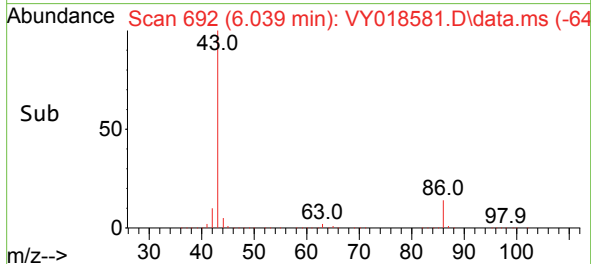
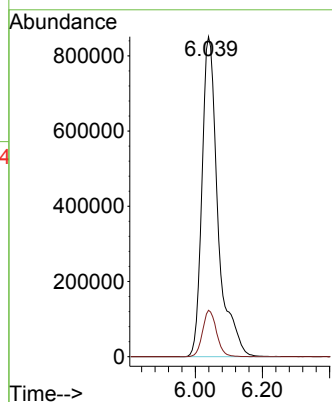
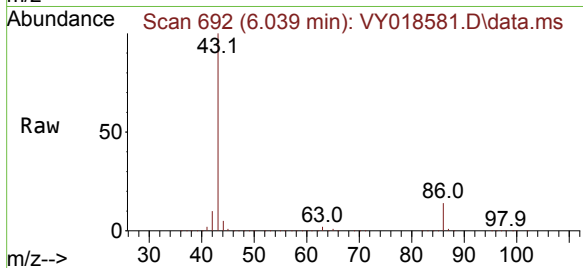




#23
 Vinyl Acetate
 Concen: 754.258 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.006 min
 Lab File: VY018581.D
 Acq: 13 Jun 2024 17:58

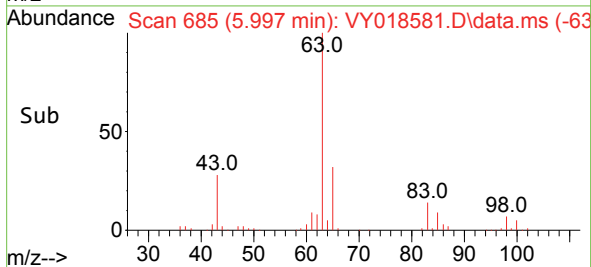
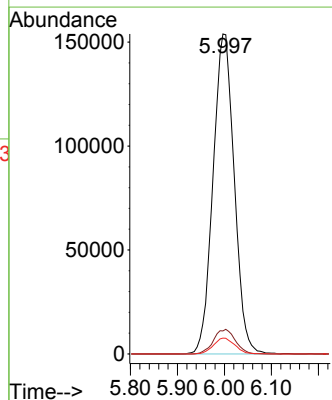
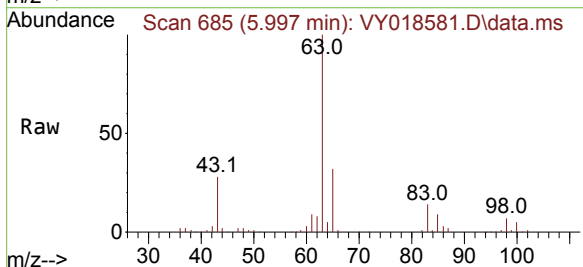
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

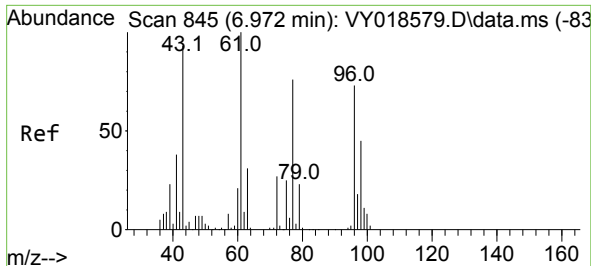
Tgt Ion: 43 Resp: 2812158
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 145.216 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: VY018581.D
 Acq: 13 Jun 2024 17:58

Tgt Ion: 63 Resp: 482738
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 668.379 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

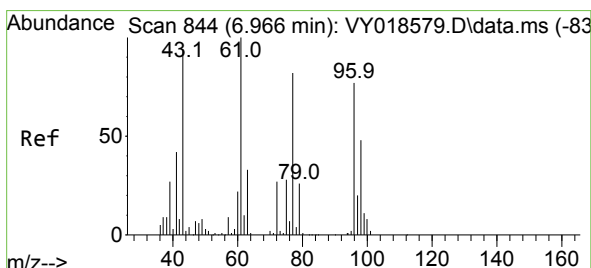
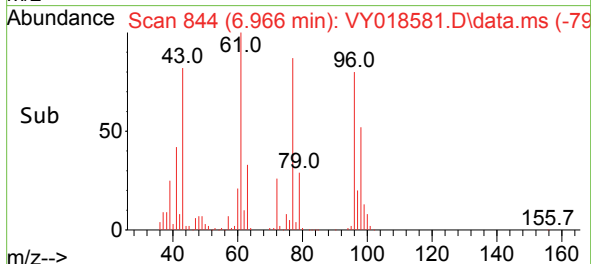
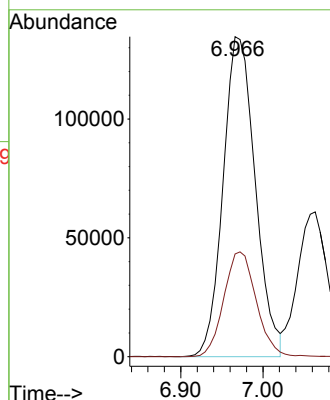
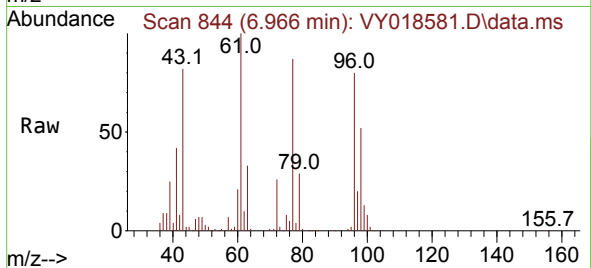
VSTDIC150

Tgt Ion: 43 Resp: 366295

Ion Ratio Lower Upper

43 100

72 32.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 149.103 ug/l

RT: 6.966 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY018581.D

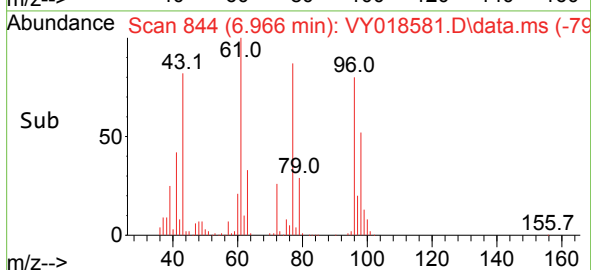
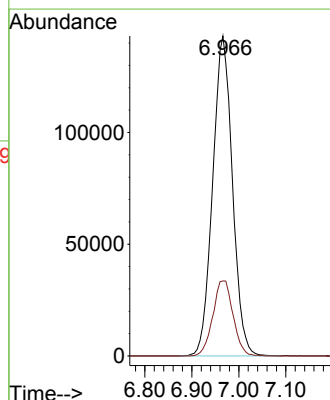
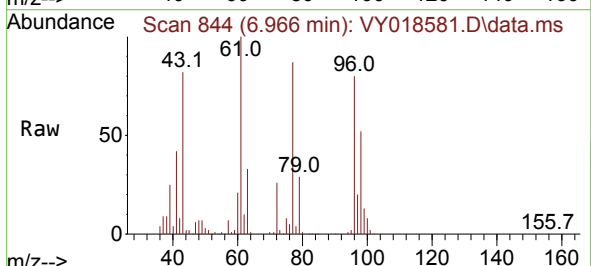
Acq: 13 Jun 2024 17:58

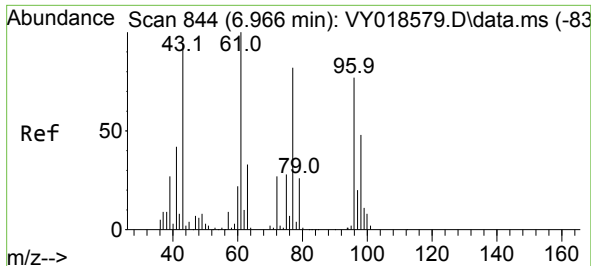
Tgt Ion: 77 Resp: 417598

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 152.123 ug/l

RT: 6.966 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

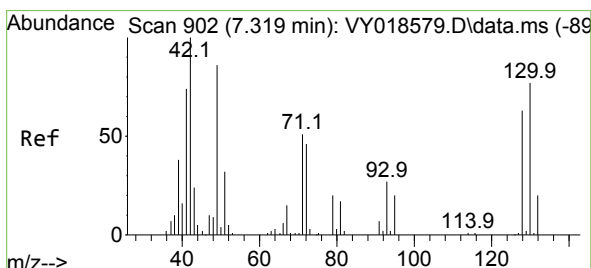
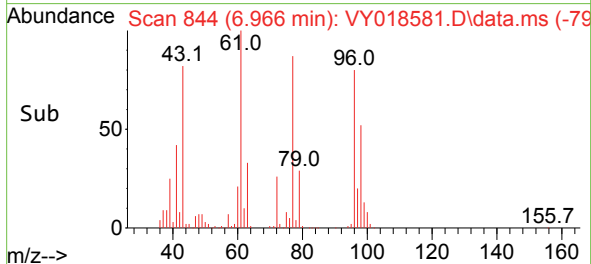
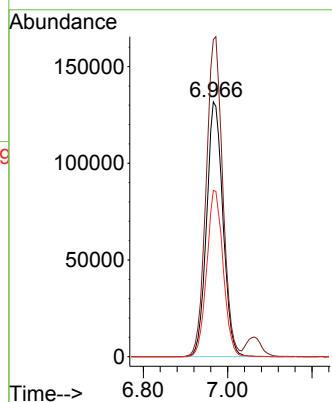
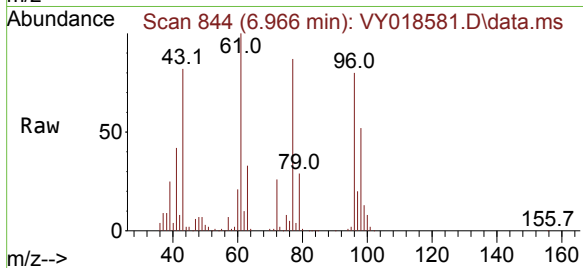
Tgt Ion: 96 Resp: 354628

Ion Ratio Lower Upper

96 100

61 127.5 0.0 256.2

98 65.5 0.0 130.0



#28

Bromochloromethane

Concen: 122.521 ug/l

RT: 7.320 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

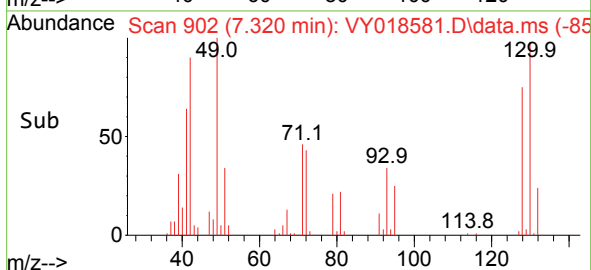
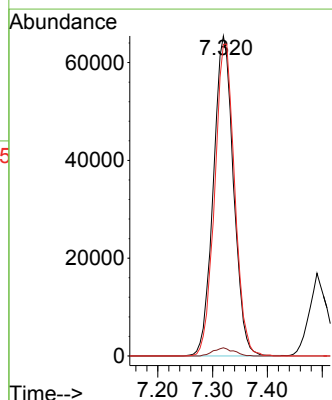
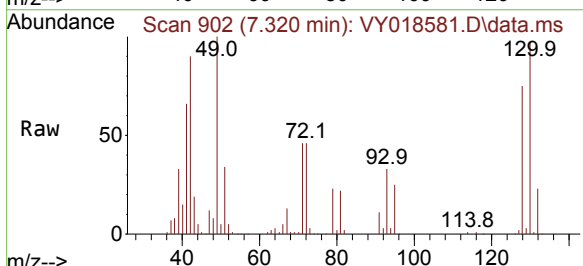
Tgt Ion: 49 Resp: 166938

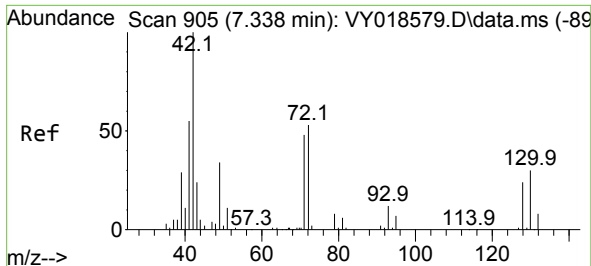
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 96.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 662.387 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

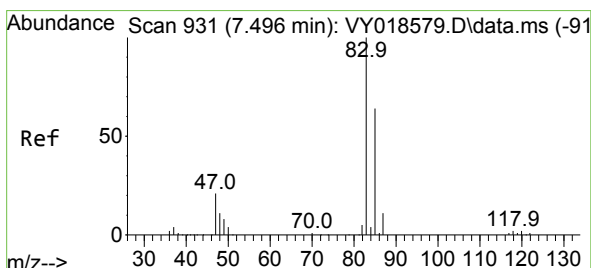
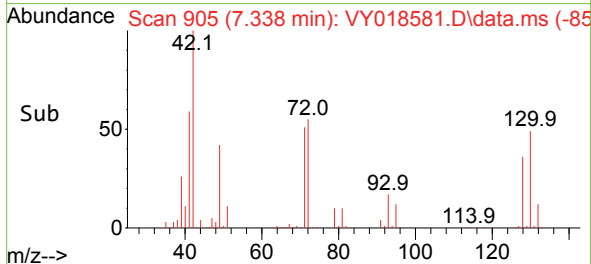
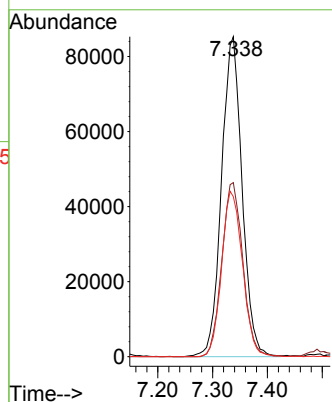
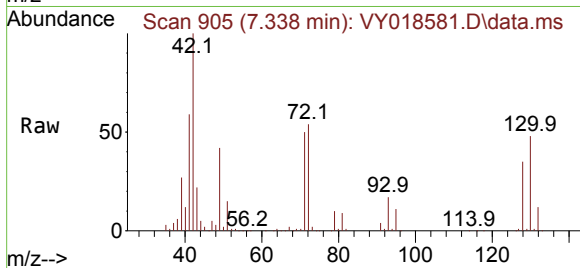
Tgt Ion: 42 Resp: 222773

Ion Ratio Lower Upper

42 100

72 55.5 43.0 64.4

71 52.6 40.8 61.2



#30

Chloroform

Concen: 147.247 ug/l

RT: 7.490 min Scan# 930

Delta R.T. -0.006 min

Lab File: VY018581.D

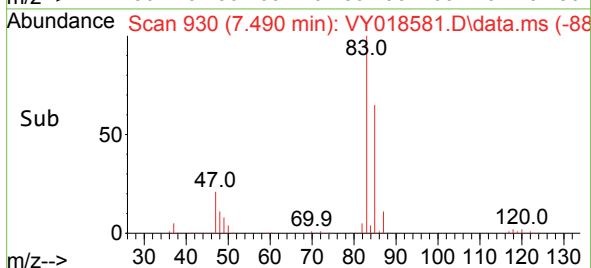
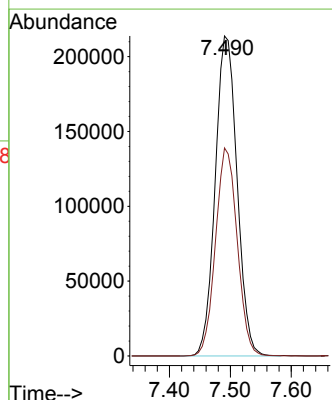
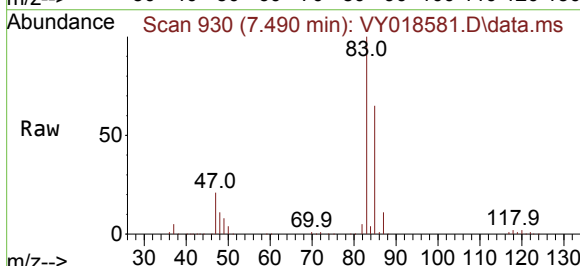
Acq: 13 Jun 2024 17:58

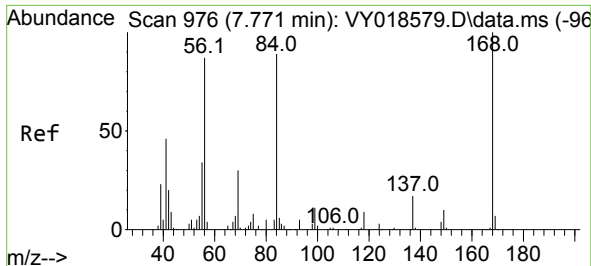
Tgt Ion: 83 Resp: 533450

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.4

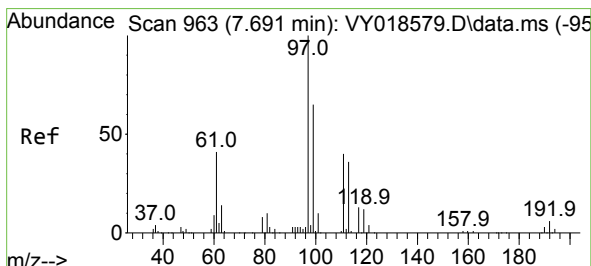
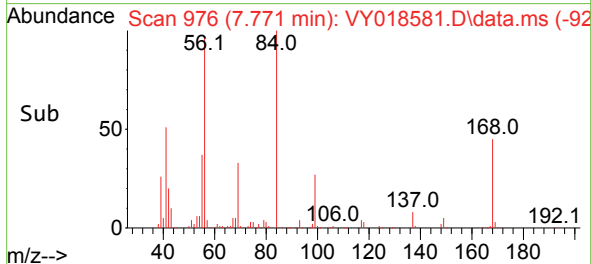
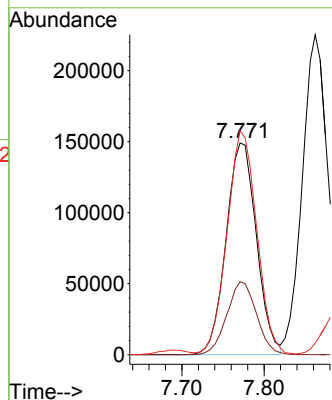
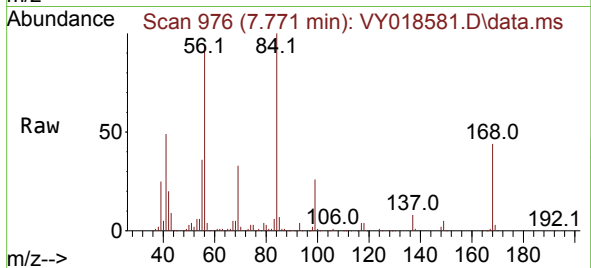




#31
Cyclohexane
Concen: 139.109 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

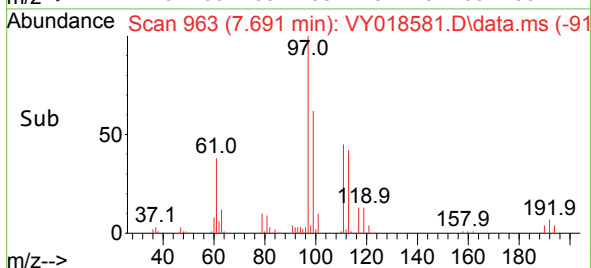
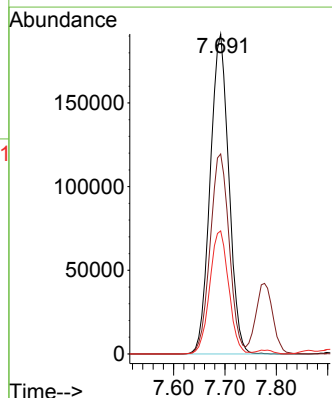
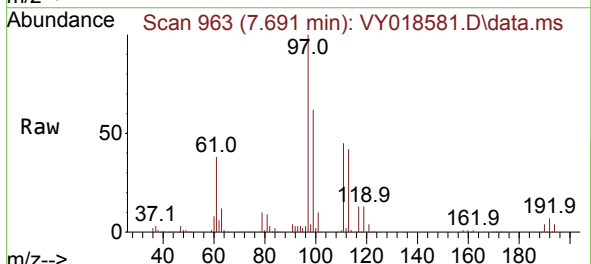
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

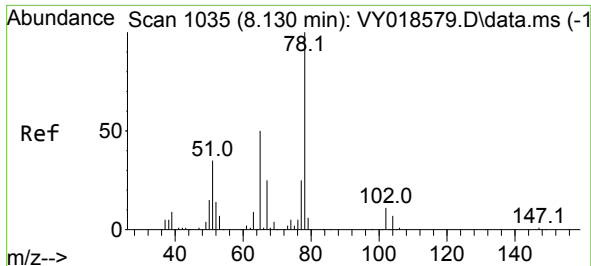
Tgt Ion: 56 Resp: 382930
Ion Ratio Lower Upper
56 100
69 34.5 28.7 43.1
84 103.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 156.279 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 97 Resp: 480991
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 39.3 32.6 48.8

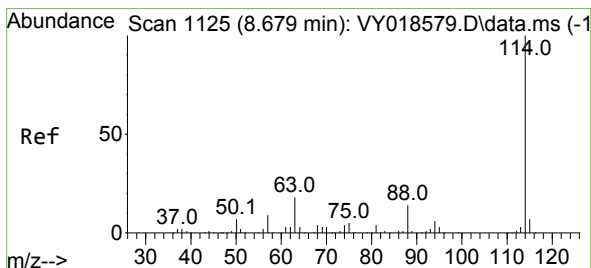
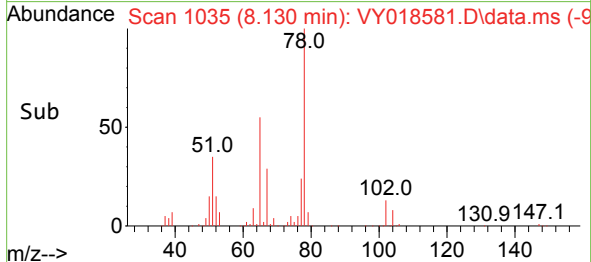
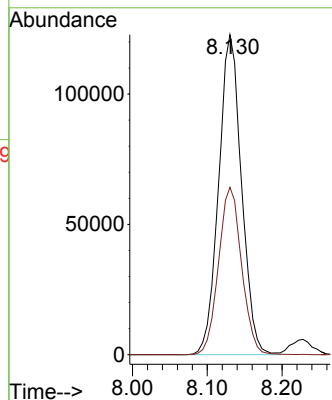
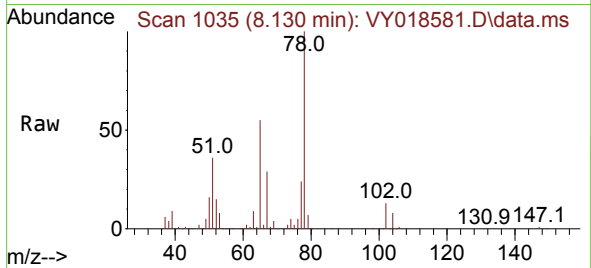




#33
1,2-Dichloroethane-d4
Concen: 145.298 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

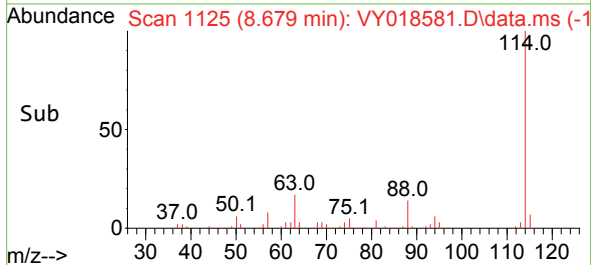
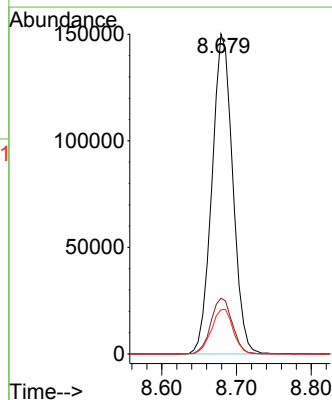
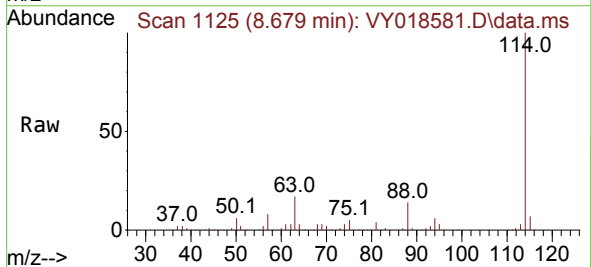
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

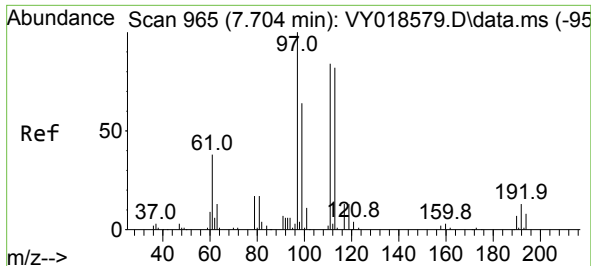
Tgt Ion: 65 Resp: 261107
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 114 Resp: 289976
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 13.8 0.0 27.2

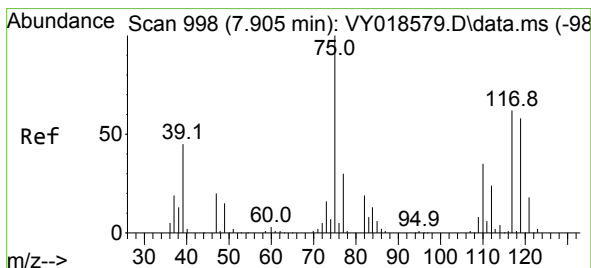
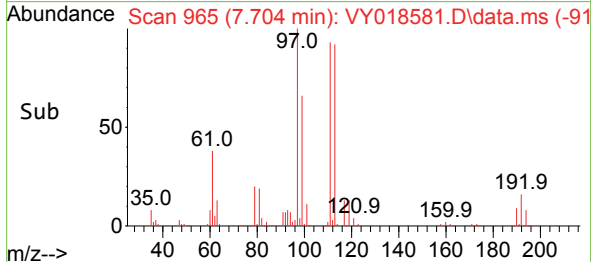
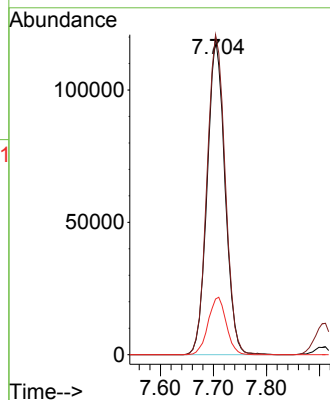
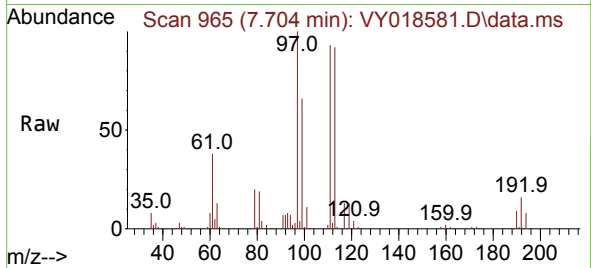




#35
Dibromofluoromethane
Concen: 156.952 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

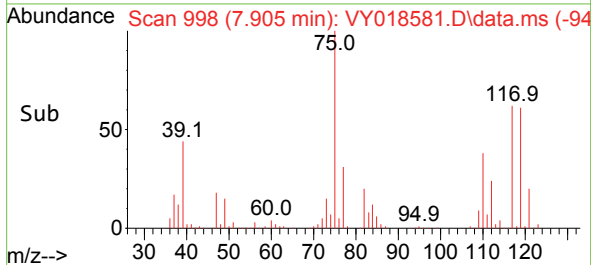
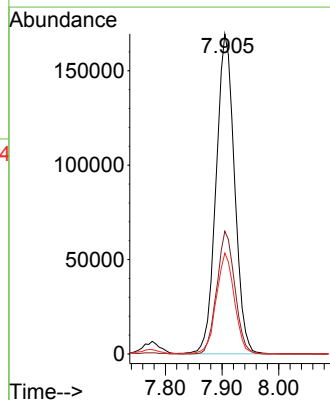
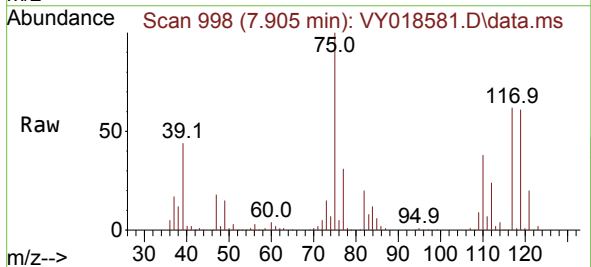
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

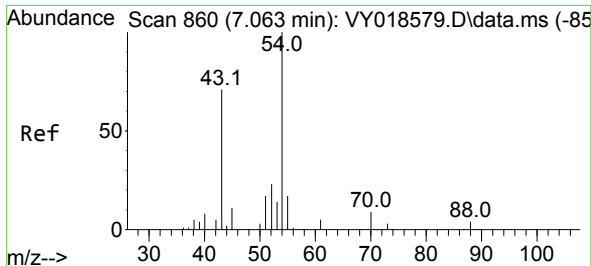
Tgt Ion:113 Resp: 277634
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 18.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 156.667 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 75 Resp: 381457
Ion Ratio Lower Upper
75 100
110 37.6 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 140.765 ug/l

RT: 7.064 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

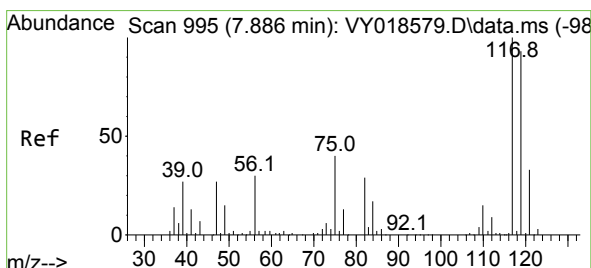
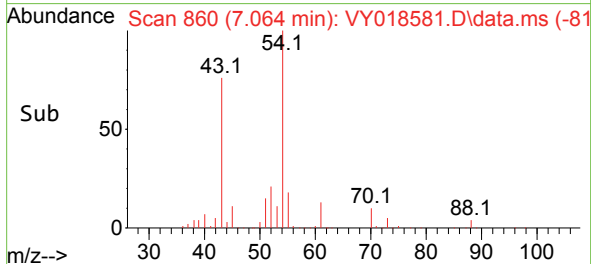
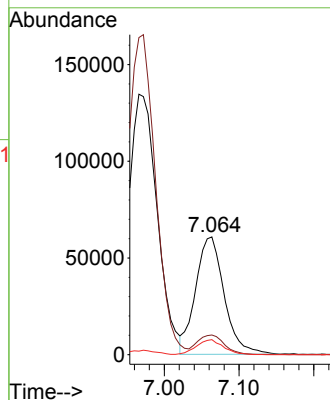
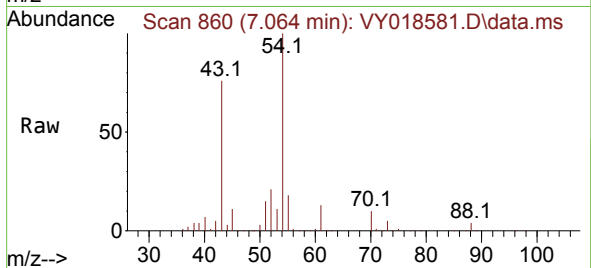
Tgt Ion: 43 Resp: 161567

Ion Ratio Lower Upper

43 100

61 15.4 12.6 19.0

70 12.1 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 168.166 ug/l

RT: 7.887 min Scan# 995

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

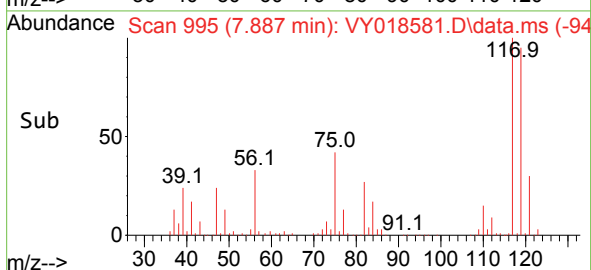
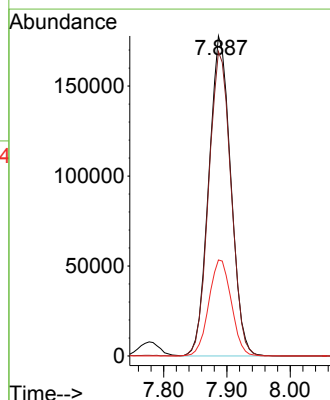
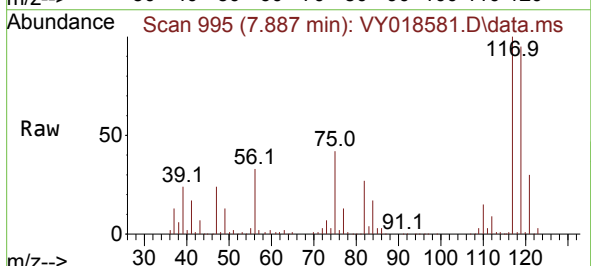
Tgt Ion: 117 Resp: 429572

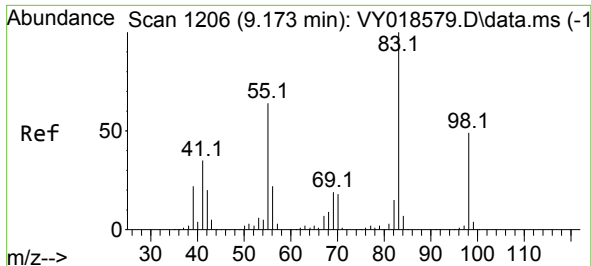
Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.6

121 30.0 24.0 36.0

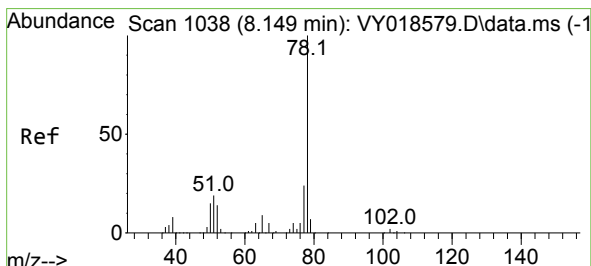
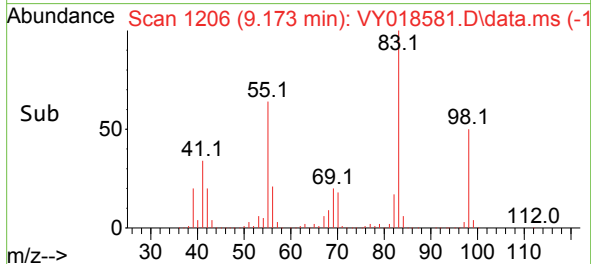
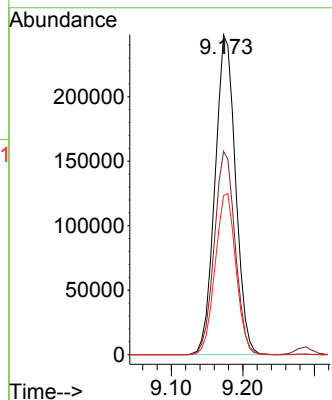
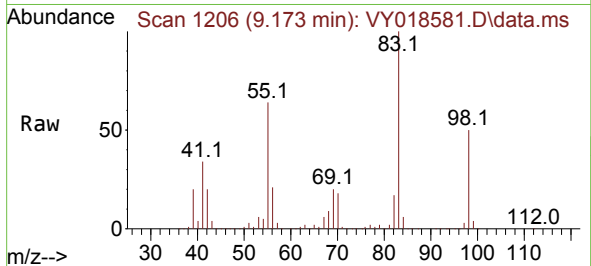




#39
Methylcyclohexane
Concen: 165.894 ug/l
RT: 9.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

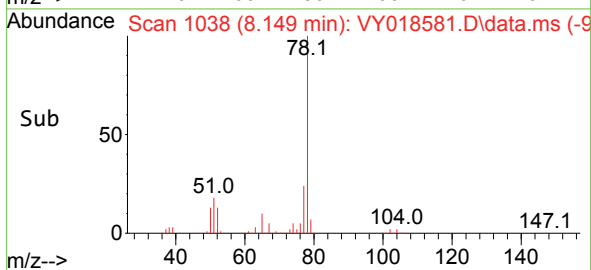
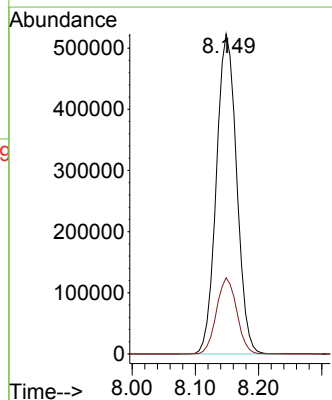
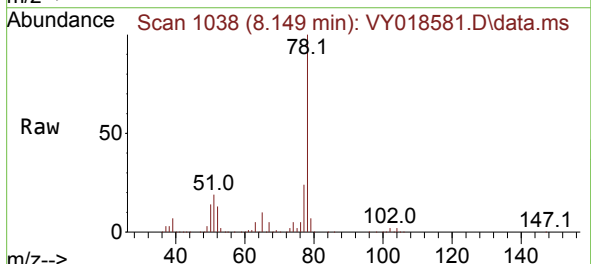
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

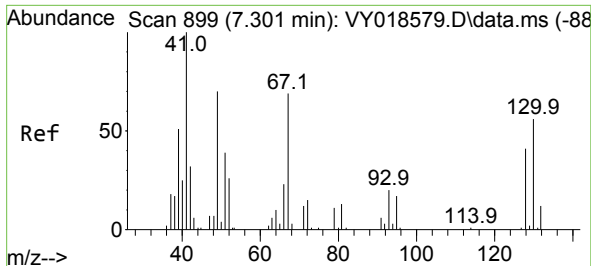
Tgt Ion: 83 Resp: 494925
Ion Ratio Lower Upper
83 100
55 63.5 51.5 77.3
98 49.7 40.5 60.7



#40
Benzene
Concen: 154.645 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 78 Resp: 1164498
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3

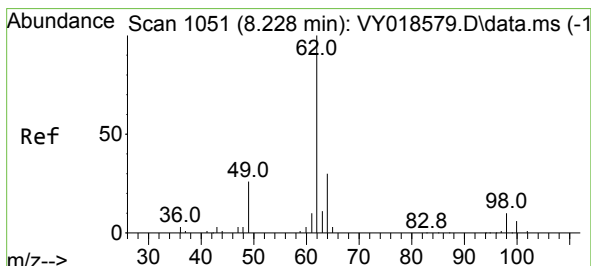
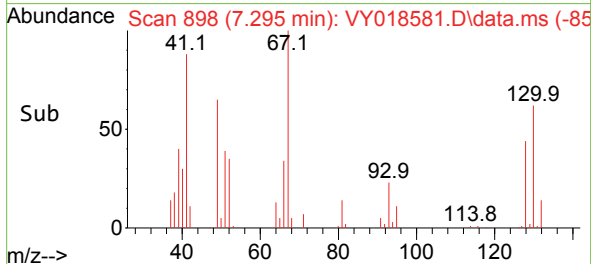
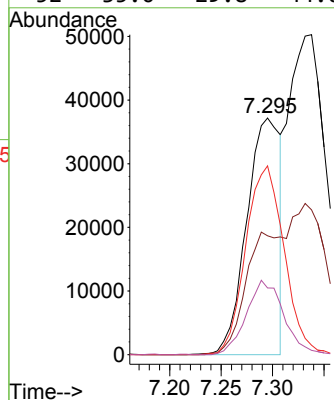
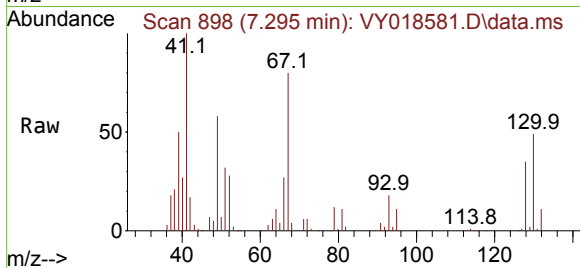




#41
Methacrylonitrile
Concen: 153.223 ug/l
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

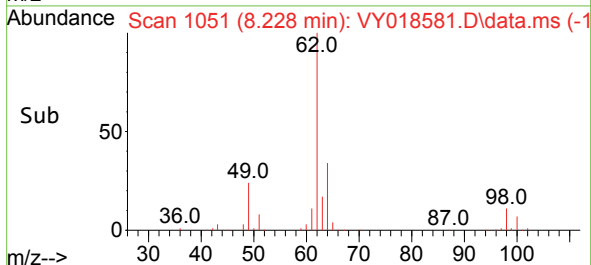
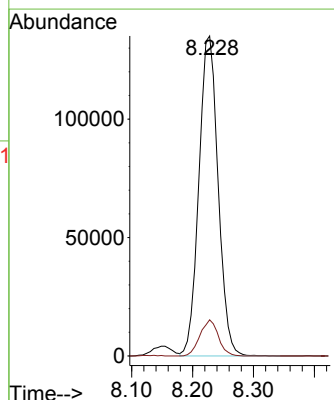
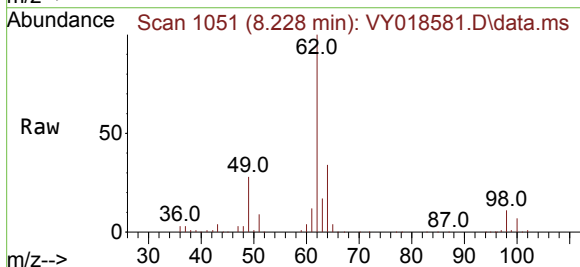
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

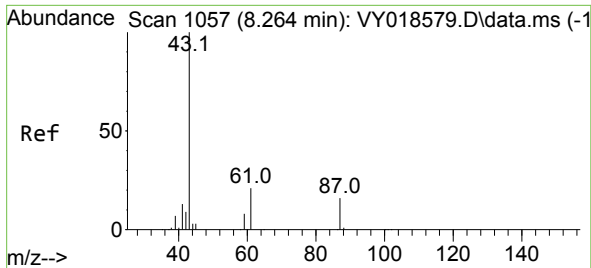
Tgt Ion: 41 Resp: 84621
Ion Ratio Lower Upper
41 100
39 45.2 48.0 72.0#
67 91.0 75.1 112.7
52 35.0 29.8 44.6



#42
1,2-Dichloroethane
Concen: 150.711 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 62 Resp: 296074
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0

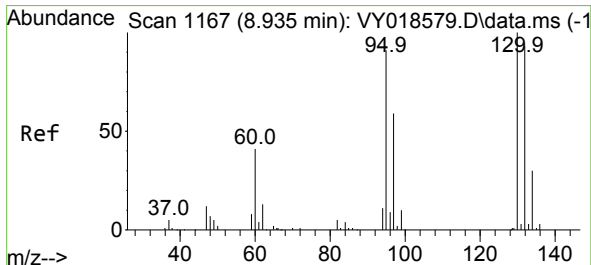
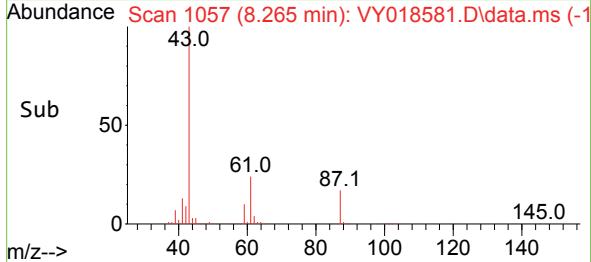
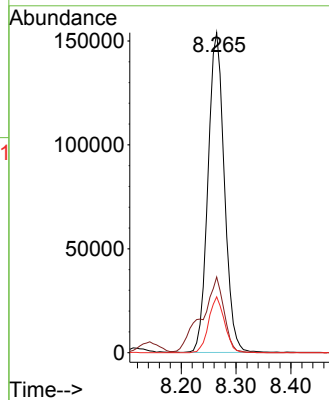
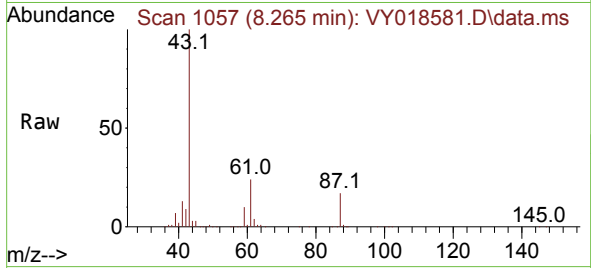




#43
Isopropyl Acetate
Concen: 148.305 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

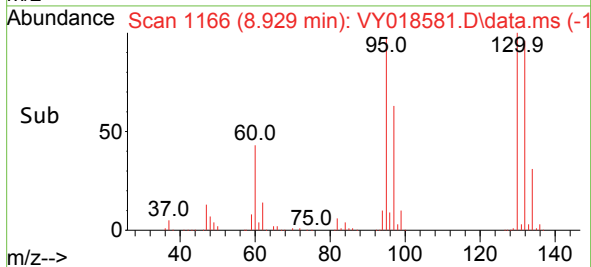
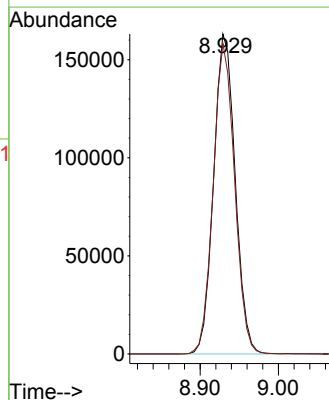
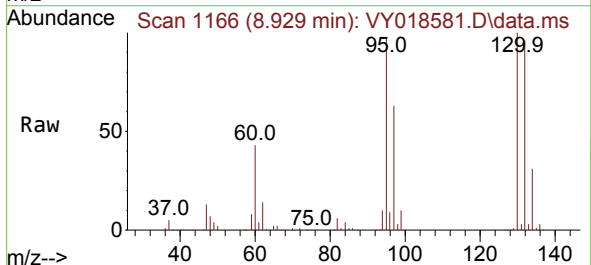
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

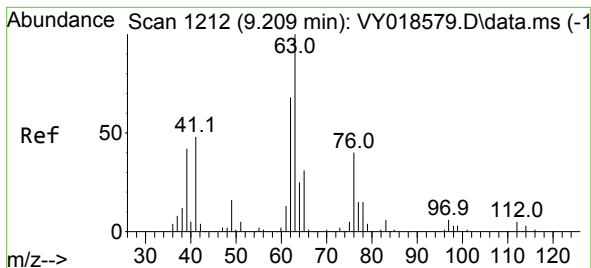
Tgt Ion: 43 Resp: 317714
Ion Ratio Lower Upper
43 100
61 32.3 27.9 41.9
87 17.0 13.1 19.7



#44
Trichloroethene
Concen: 158.180 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion:130 Resp: 311846
Ion Ratio Lower Upper
130 100
95 97.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 148.976 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

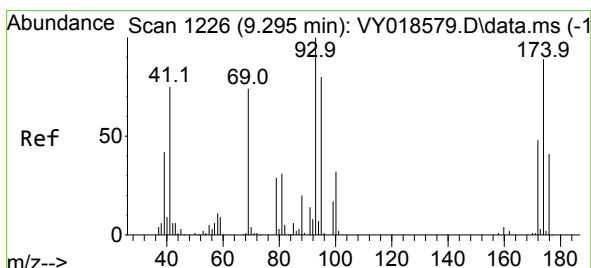
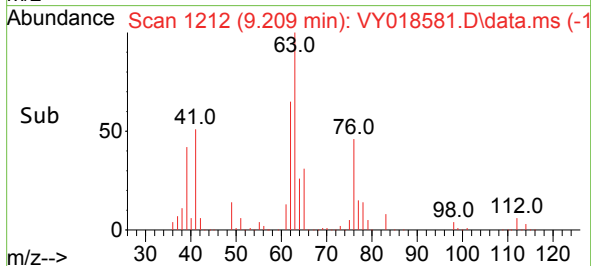
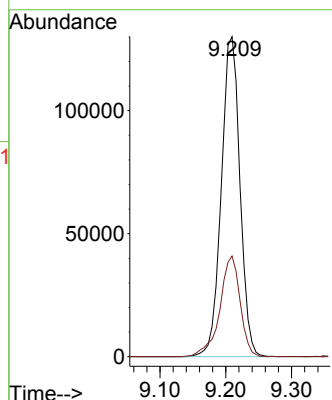
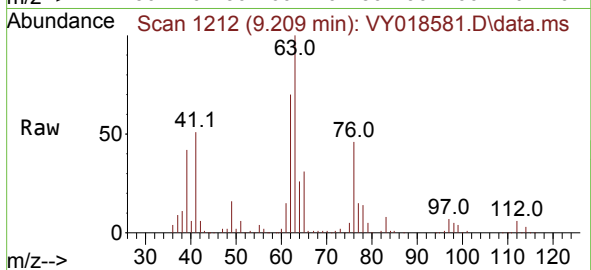
VSTDIC150

Tgt Ion: 63 Resp: 256512

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.2



#46

Dibromomethane

Concen: 158.020 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

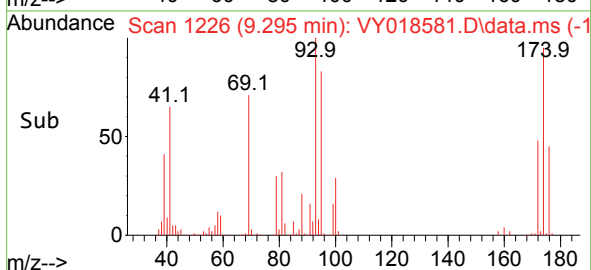
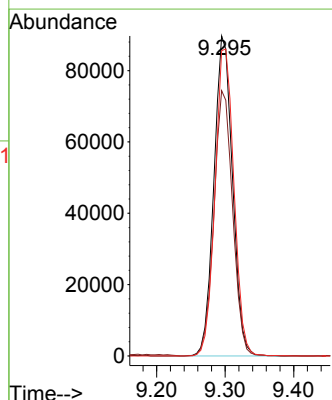
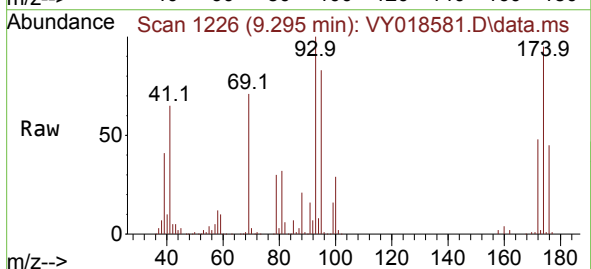
Tgt Ion: 93 Resp: 168825

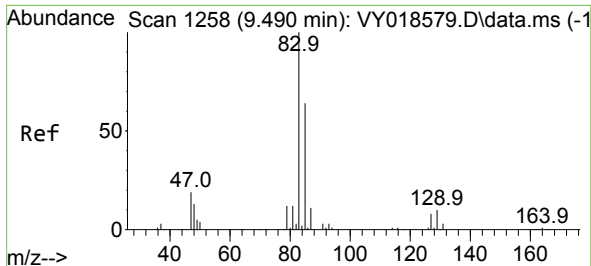
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 97.6 80.9 121.3

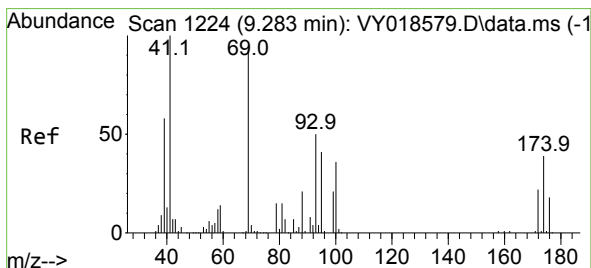
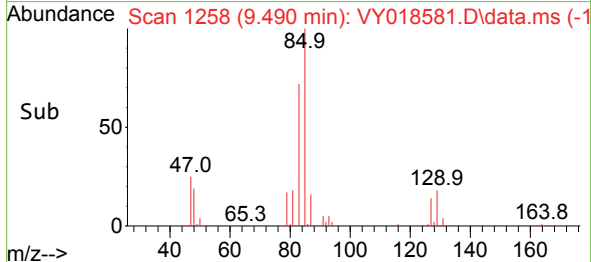
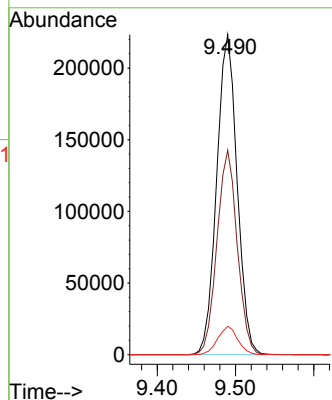
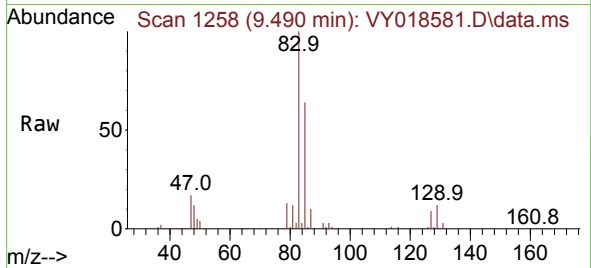




#47
Bromodichloromethane
Concen: 158.828 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

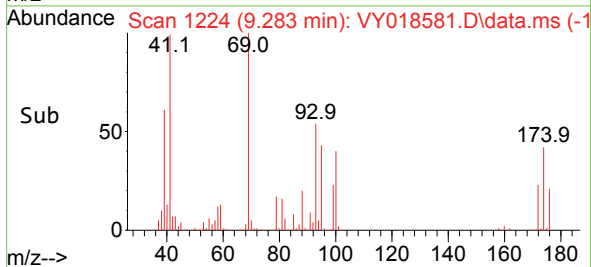
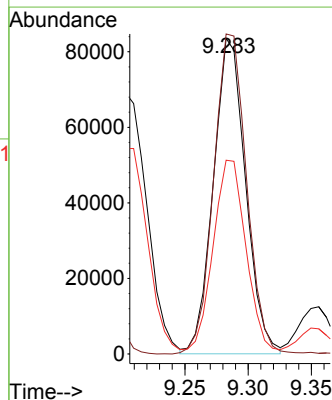
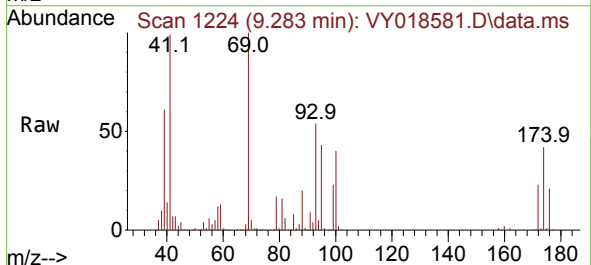
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

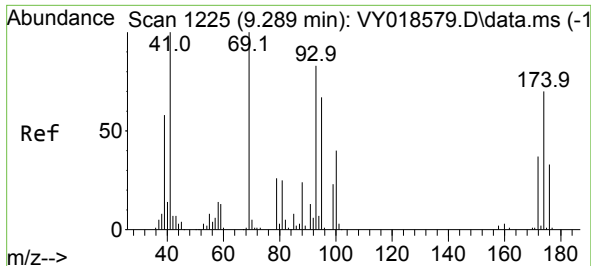
Tgt Ion: 83 Resp: 405001
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 153.551 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 41 Resp: 148091
Ion Ratio Lower Upper
41 100
69 103.6 84.1 126.1
39 60.4 43.6 65.4





#49

1,4-Dioxane

Concen: 3058.423 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

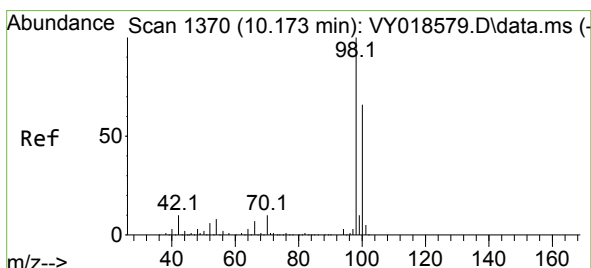
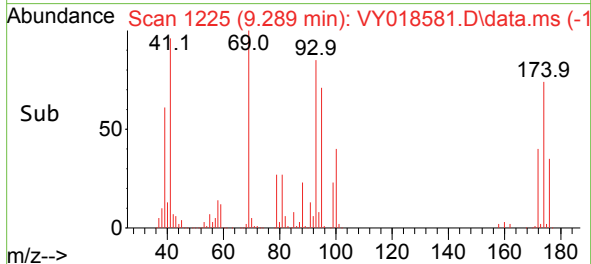
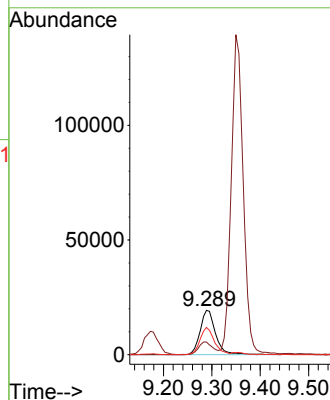
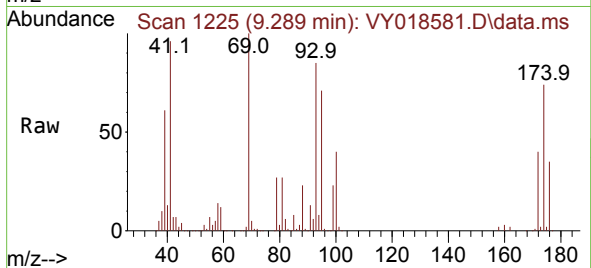
Tgt Ion: 88 Resp: 42974

Ion Ratio Lower Upper

88 100

43 25.5 0.0 0.0#

58 56.4 49.3 73.9



#50

Toluene-d8

Concen: 151.338 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018581.D

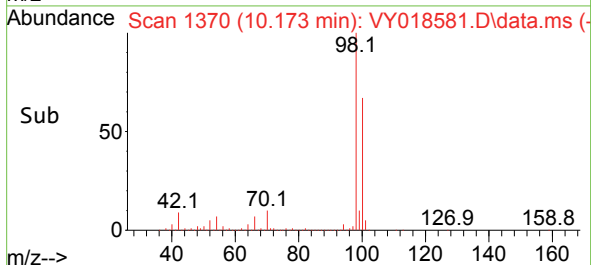
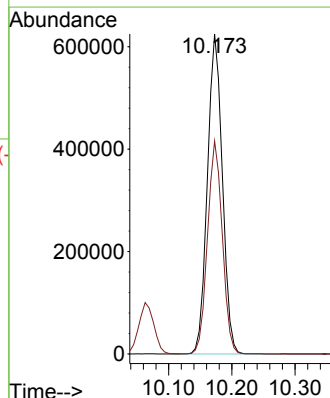
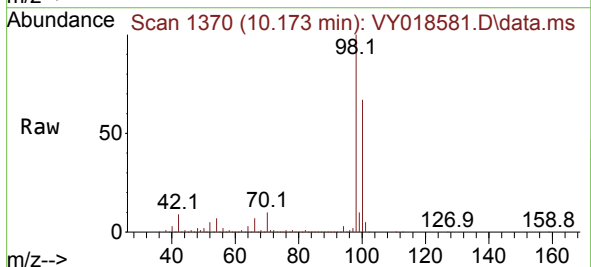
Acq: 13 Jun 2024 17:58

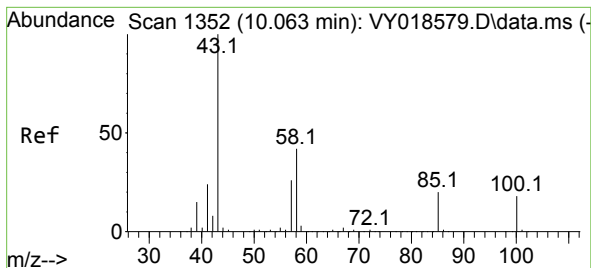
Tgt Ion: 98 Resp: 1029489

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0

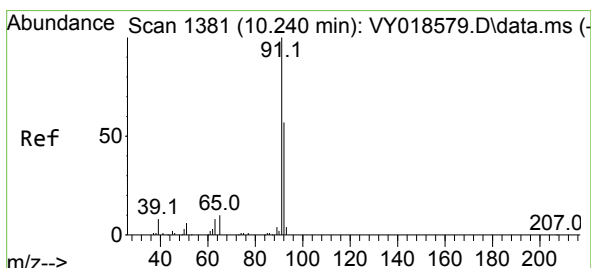
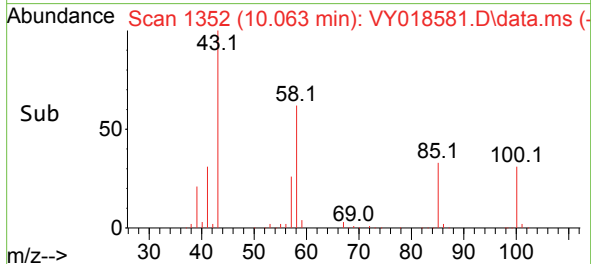
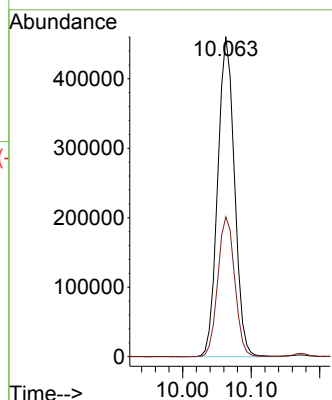
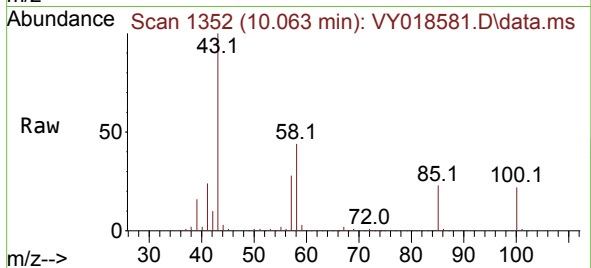




#51
4-Methyl-2-Pentanone
Concen: 690.639 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

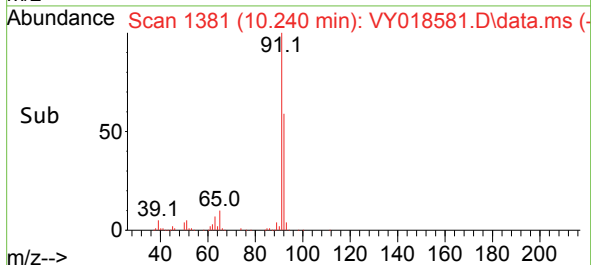
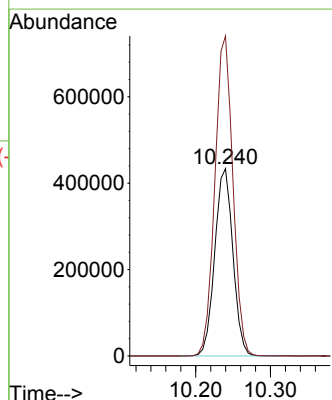
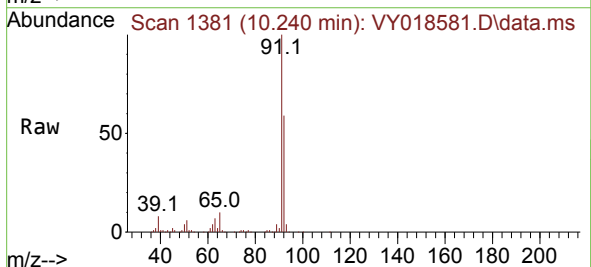
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

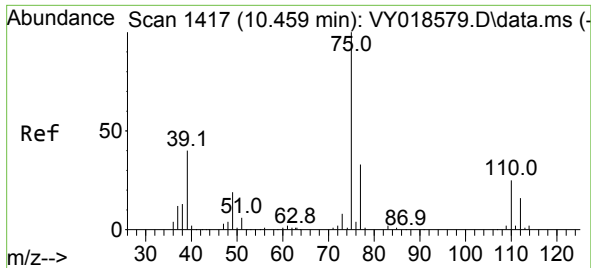
Tgt Ion: 43 Resp: 779341
Ion Ratio Lower Upper
43 100
58 44.2 35.7 53.5



#52
Toluene
Concen: 150.880 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 92 Resp: 729447
Ion Ratio Lower Upper
92 100
91 170.0 139.0 208.6

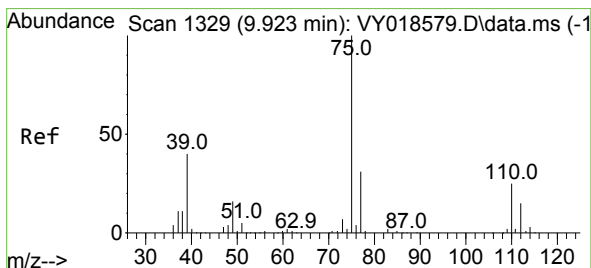
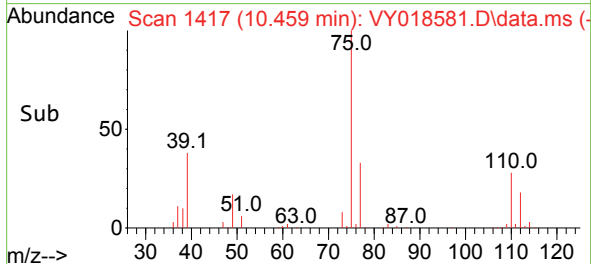
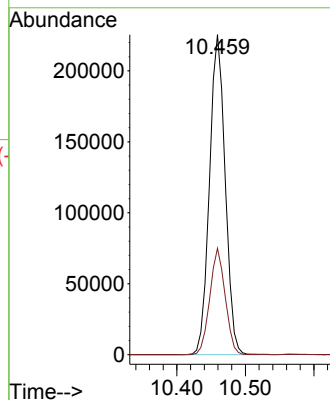
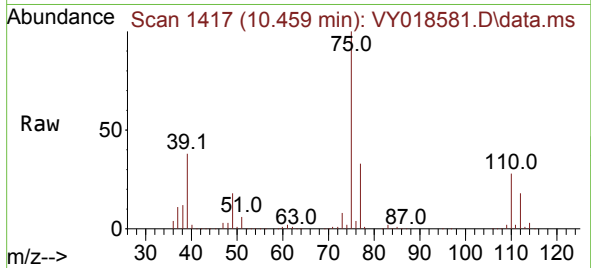




#53
 t-1,3-Dichloropropene
 Concen: 161.092 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018581.D
 Acq: 13 Jun 2024 17:58

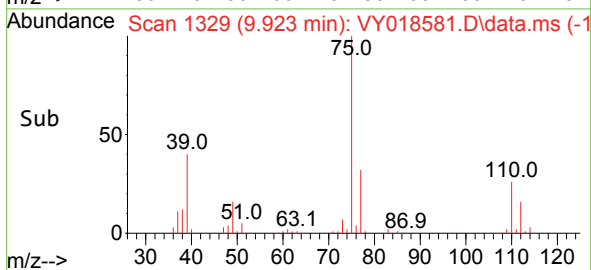
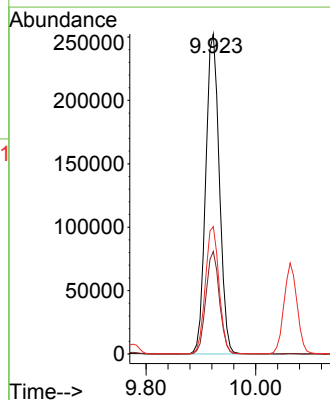
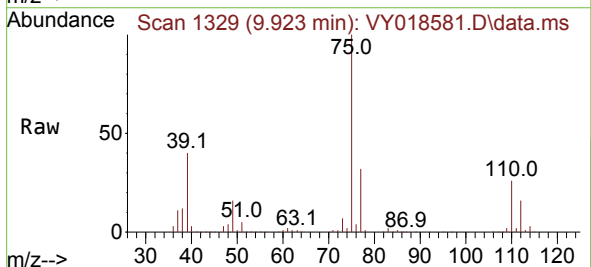
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

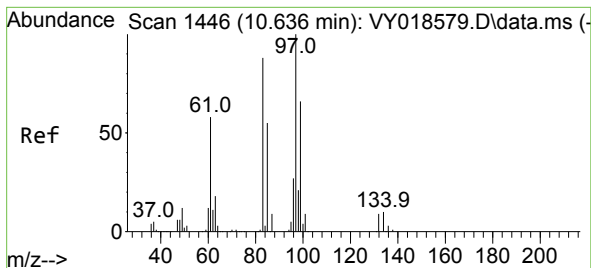
Tgt Ion: 75 Resp: 358972
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 161.587 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018581.D
 Acq: 13 Jun 2024 17:58

Tgt Ion: 75 Resp: 434527
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 39.8 29.8 44.6

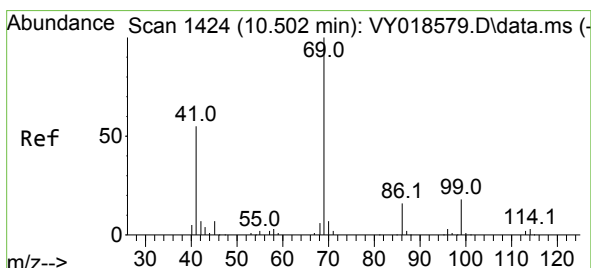
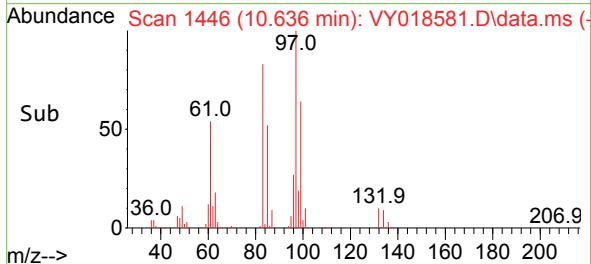
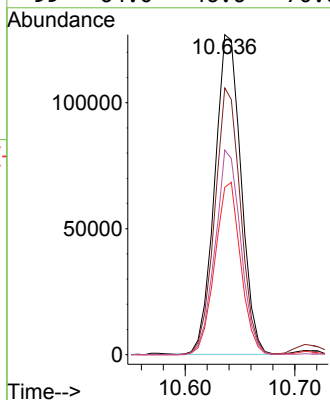
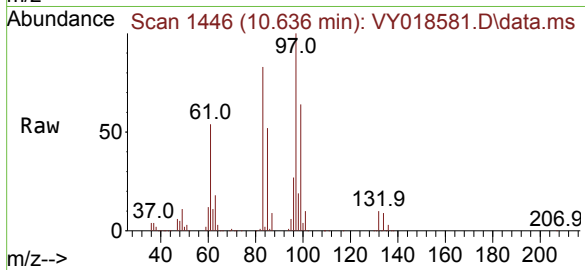




#55
1,1,2-Trichloroethane
Concen: 149.358 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

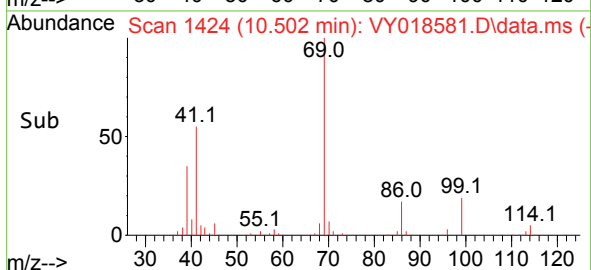
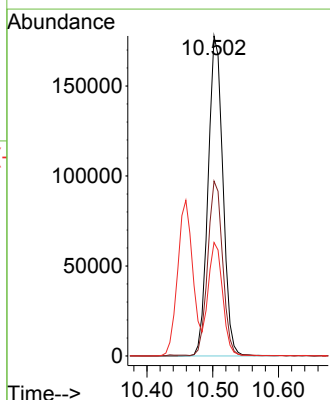
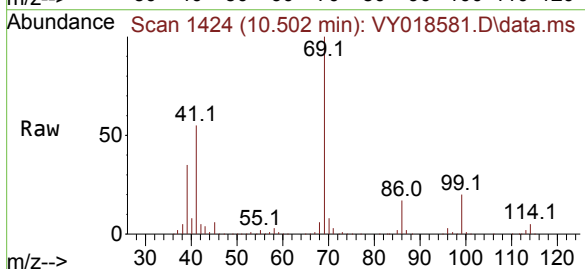
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

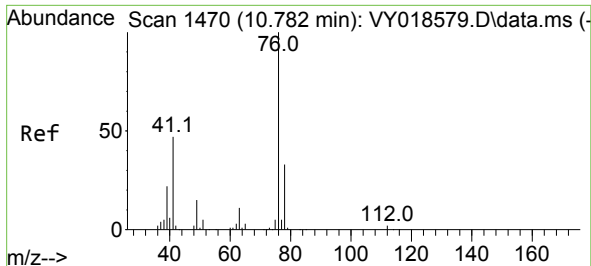
Tgt Ion:	97	Resp:	212240
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.5	101.3
85	52.4	42.9	64.3
99	64.0	46.6	70.0



#56
Ethyl methacrylate
Concen: 149.684 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion:	69	Resp:	278337
Ion	Ratio	Lower	Upper
69	100		
41	54.8	42.3	63.5
39	34.1	22.9	34.3





#57

1,3-Dichloropropane

Concen: 150.310 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

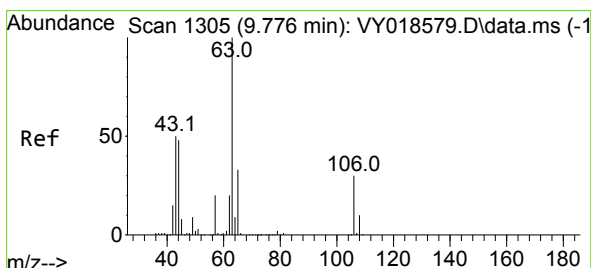
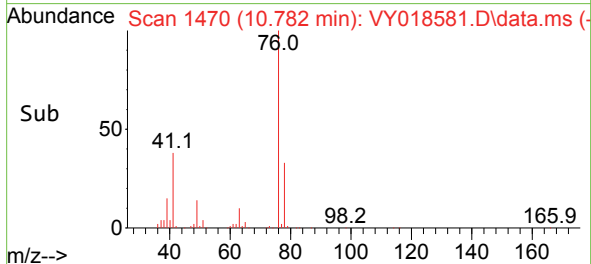
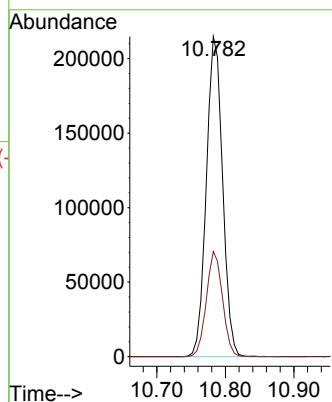
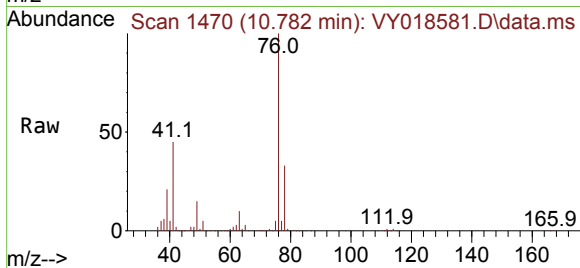
VSTDIC150

Tgt Ion: 76 Resp: 354810

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 790.081 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018581.D

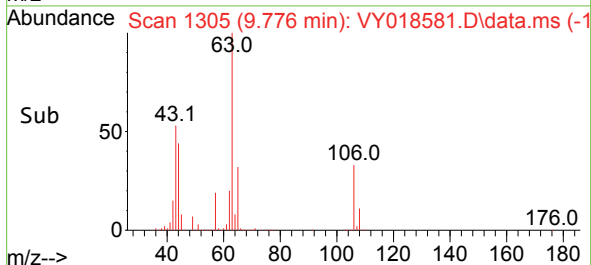
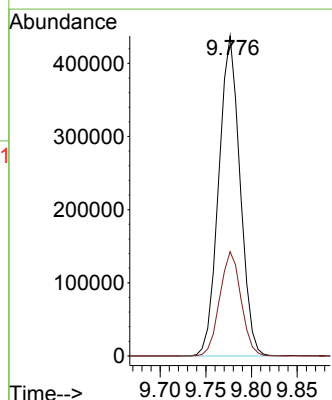
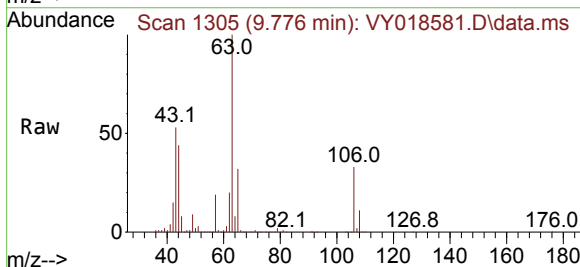
Acq: 13 Jun 2024 17:58

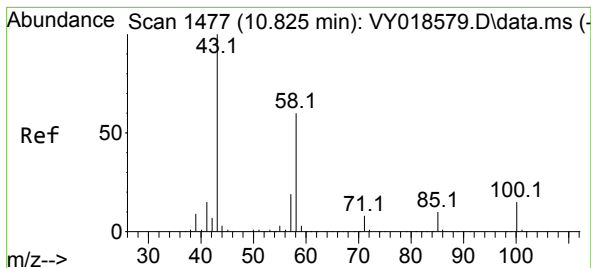
Tgt Ion: 63 Resp: 709245

Ion Ratio Lower Upper

63 100

106 32.5 23.7 35.5





#59

2-Hexanone

Concen: 669.888 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

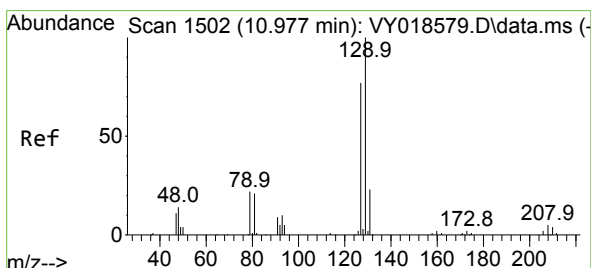
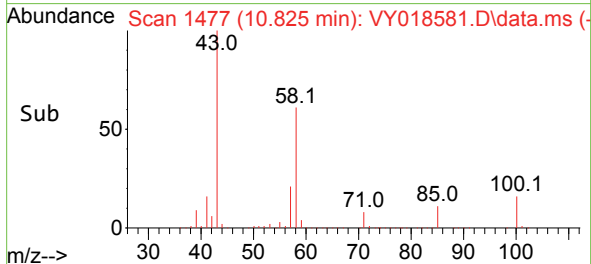
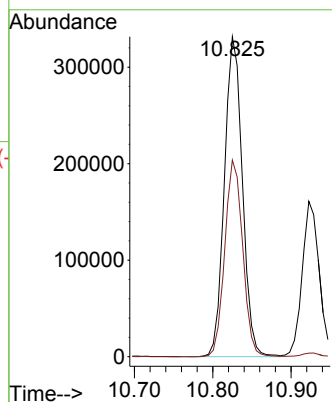
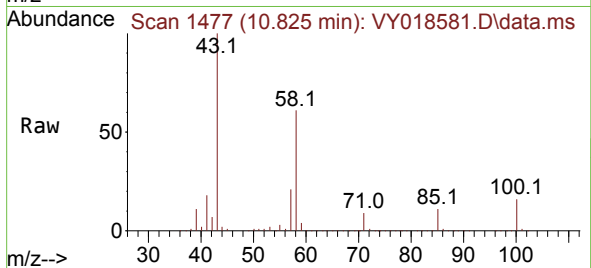
VSTDIC150

Tgt Ion: 43 Resp: 529499

Ion Ratio Lower Upper

43 100

58 61.3 31.4 94.0



#60

Dibromochloromethane

Concen: 164.479 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. 0.000 min

Lab File: VY018581.D

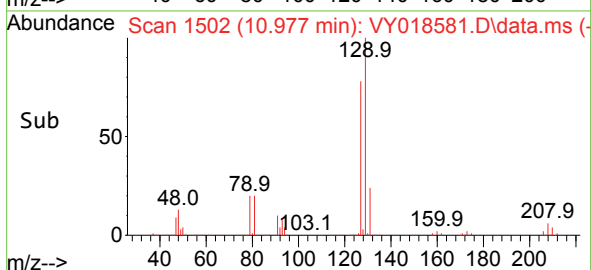
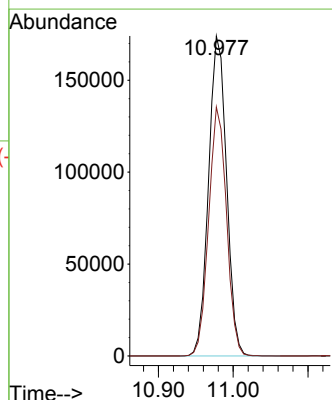
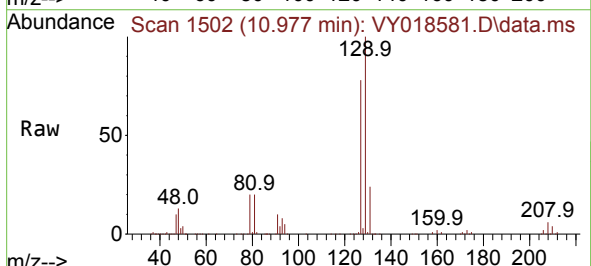
Acq: 13 Jun 2024 17:58

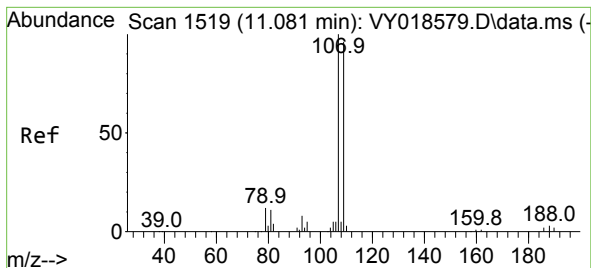
Tgt Ion: 129 Resp: 290344

Ion Ratio Lower Upper

129 100

127 77.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 155.877 ug/l

RT: 11.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

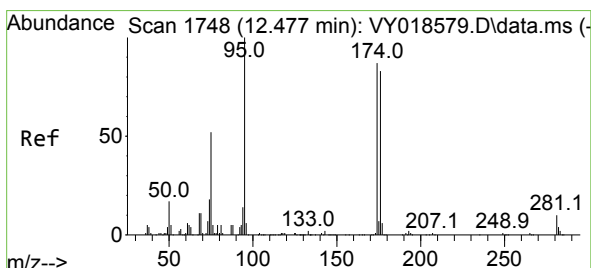
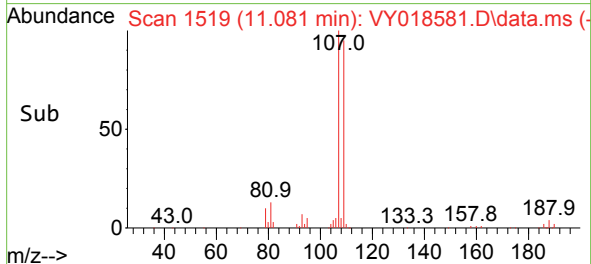
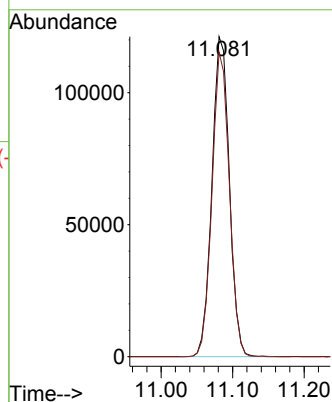
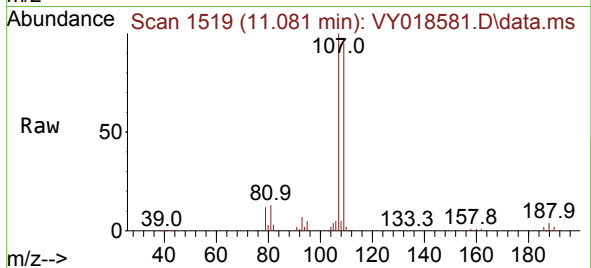
VSTDIC150

Tgt Ion:107 Resp: 204711

Ion Ratio Lower Upper

107 100

109 94.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 153.226 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

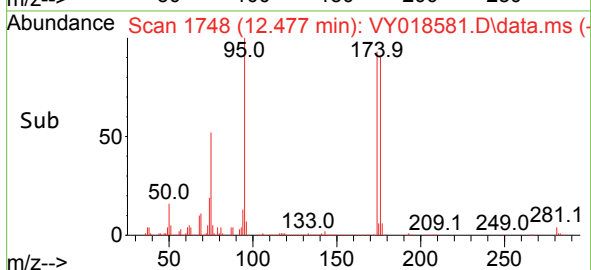
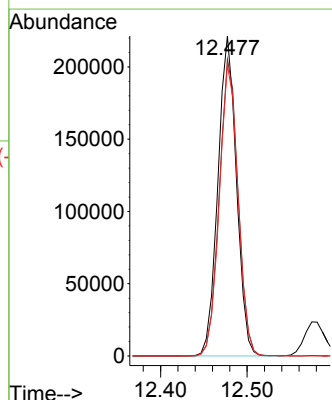
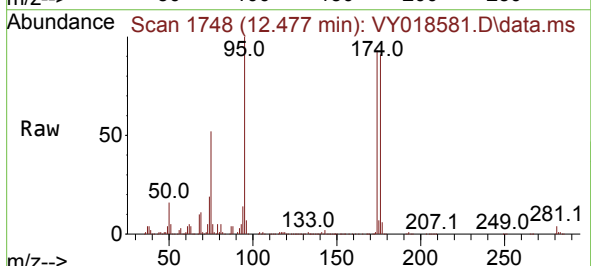
Tgt Ion: 95 Resp: 329139

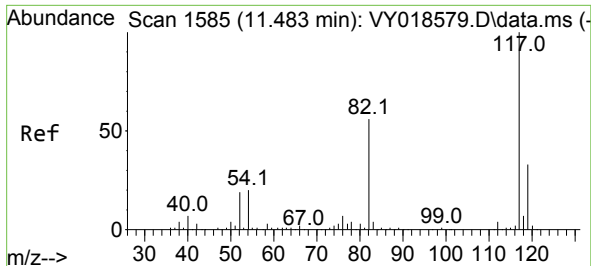
Ion Ratio Lower Upper

95 100

174 94.0 0.0 175.6

176 91.6 0.0 171.4

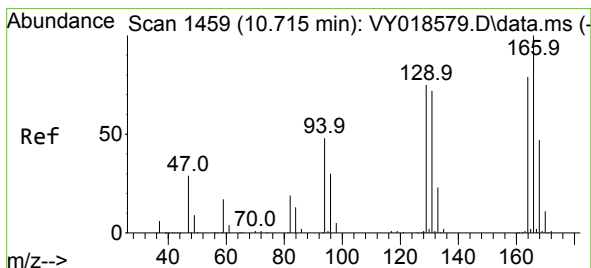
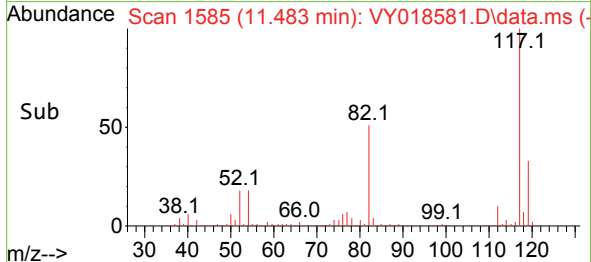
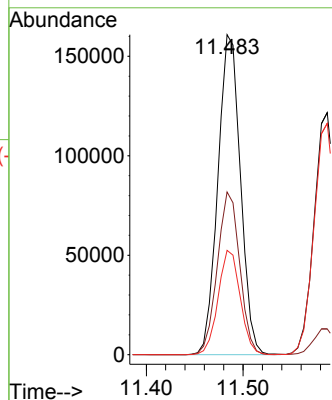
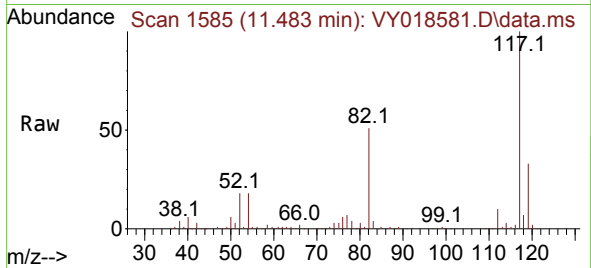




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

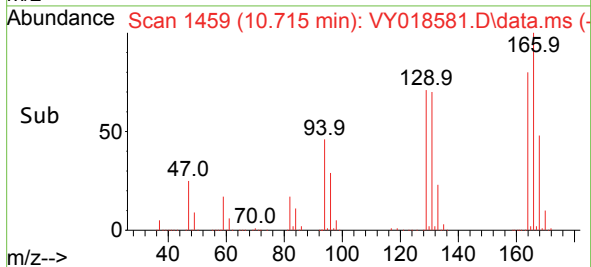
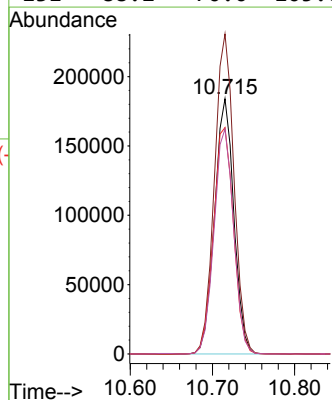
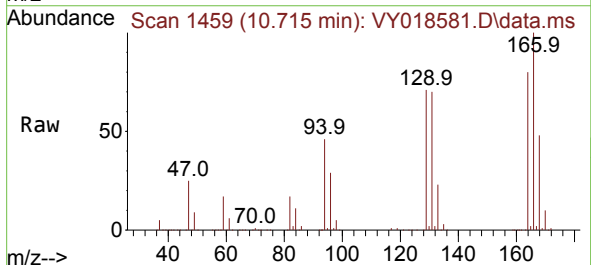
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

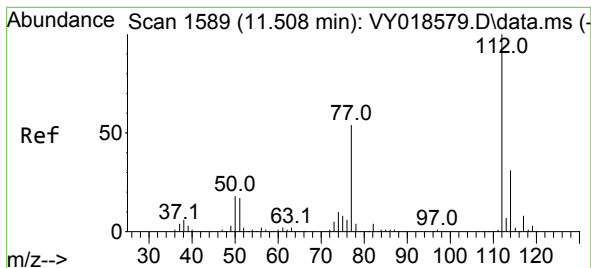
Tgt Ion:117 Resp: 260391
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 162.098 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion:164 Resp: 301052
Ion Ratio Lower Upper
164 100
166 125.4 102.6 154.0
129 88.7 72.0 108.0
131 88.2 70.0 105.0





#65

Chlorobenzene

Concen: 154.344 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

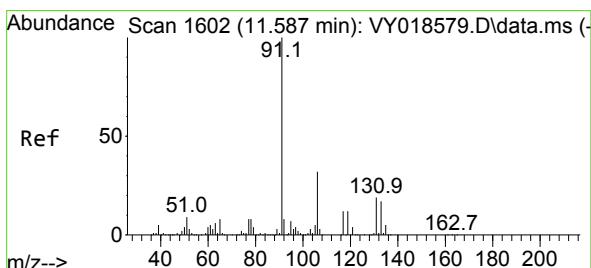
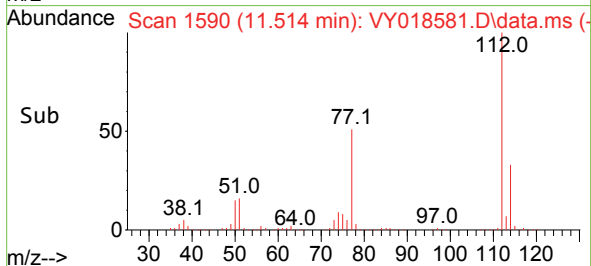
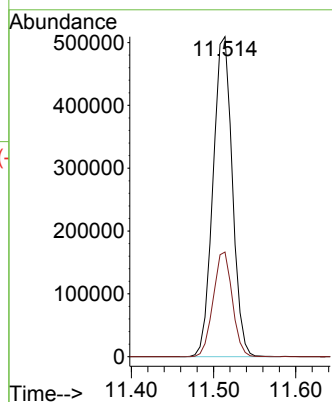
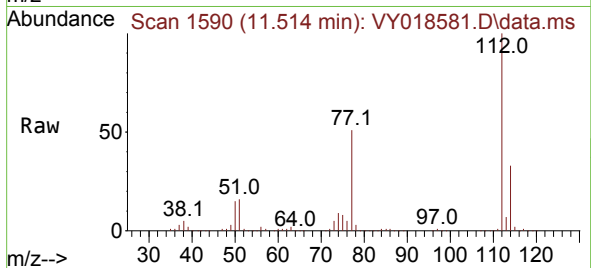
VSTDIC150

Tgt Ion:112 Resp: 830237

Ion Ratio Lower Upper

112 100

114 32.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 162.303 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

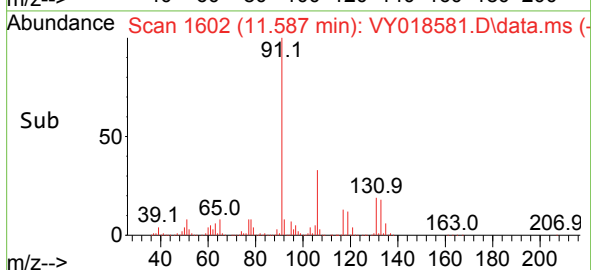
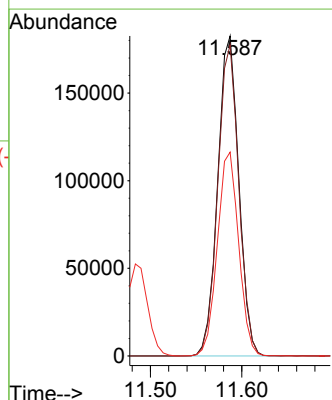
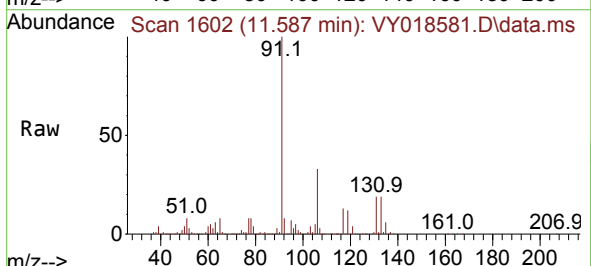
Tgt Ion:131 Resp: 292569

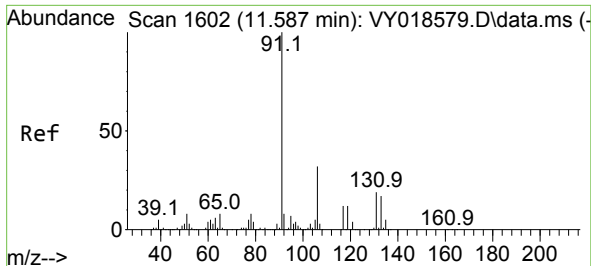
Ion Ratio Lower Upper

131 100

133 96.9 47.8 143.3

119 64.7 34.1 102.2

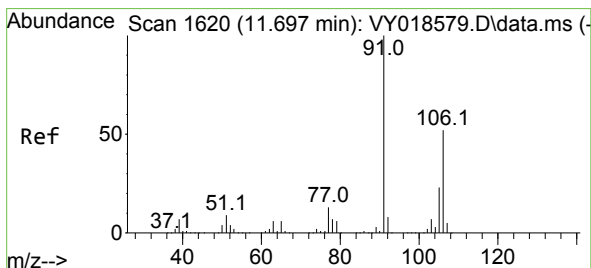
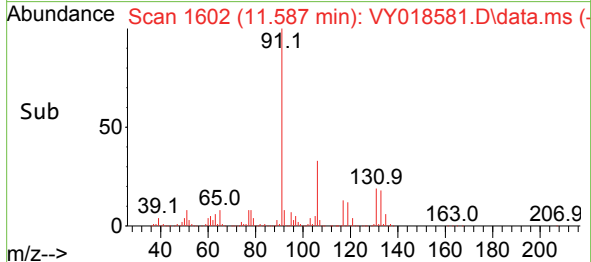
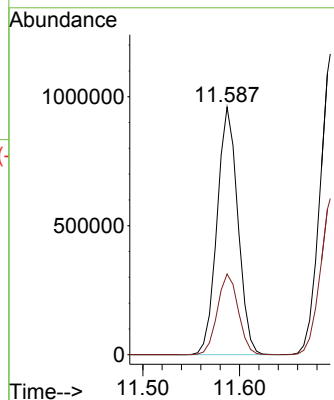
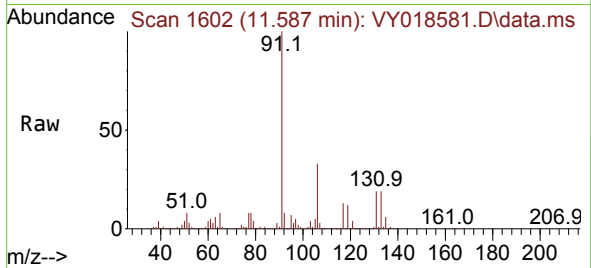




#67
Ethyl Benzene
Concen: 153.399 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

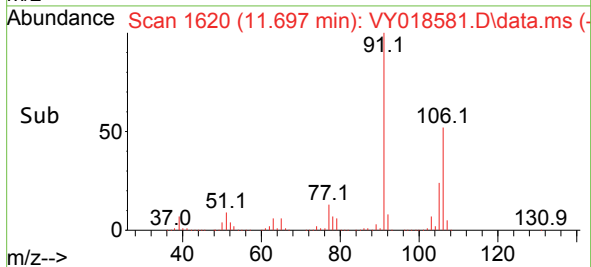
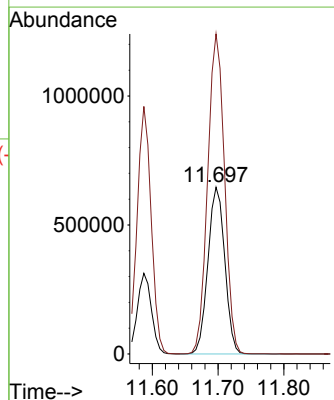
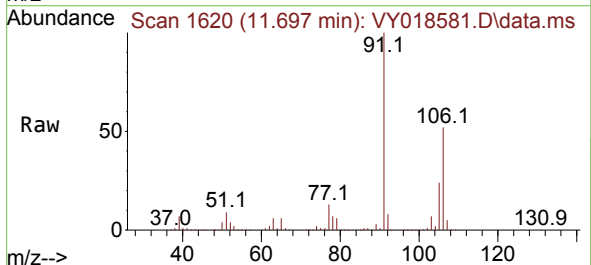
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

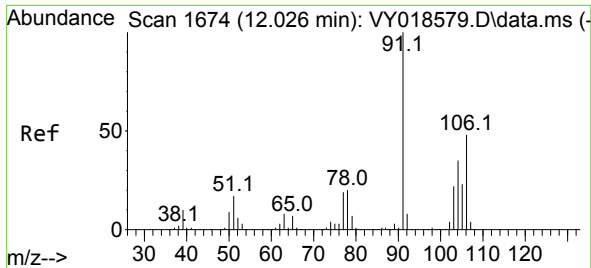
Tgt Ion: 91 Resp: 1431753
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7



#68
m/p-Xylenes
Concen: 316.824 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion:106 Resp: 1150650
Ion Ratio Lower Upper
106 100
91 191.7 156.0 234.0

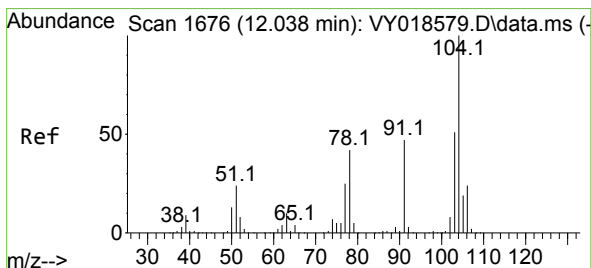
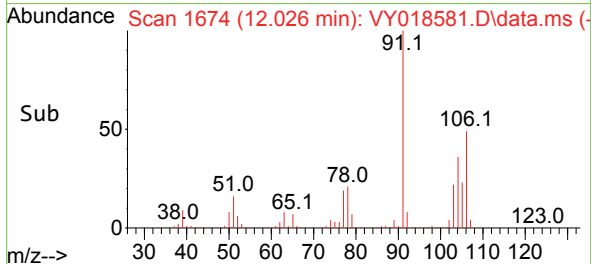
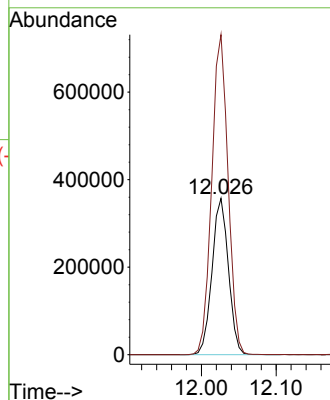
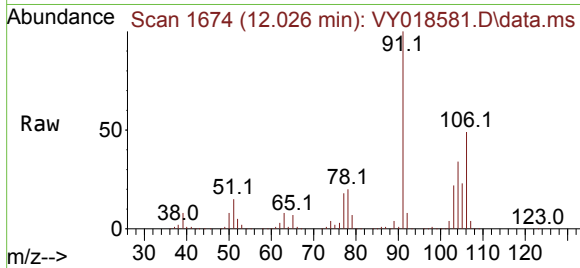




#69
o-Xylene
Concen: 156.106 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

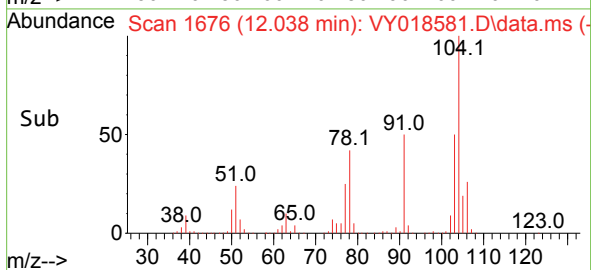
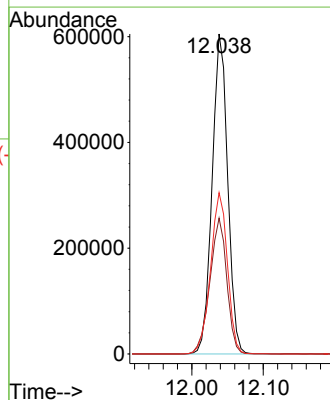
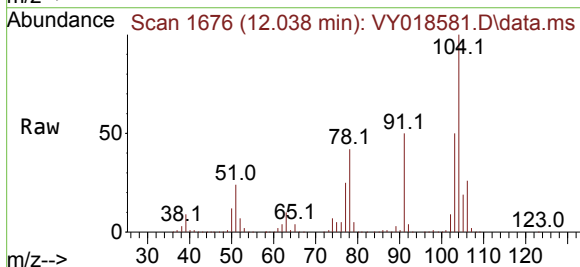
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

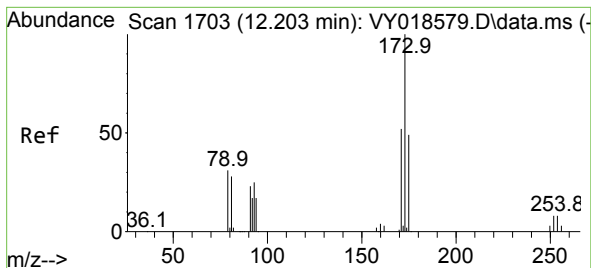
Tgt Ion:106 Resp: 545197
Ion Ratio Lower Upper
106 100
91 204.5 103.6 310.8



#70
Styrene
Concen: 158.599 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion:104 Resp: 915062
Ion Ratio Lower Upper
104 100
78 46.1 37.0 55.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 172.112 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

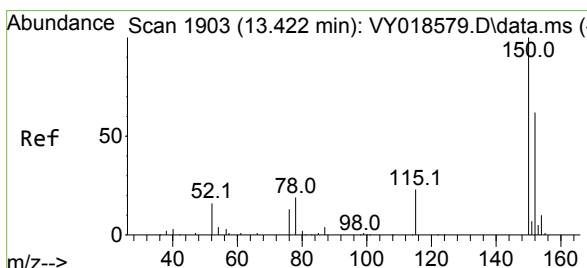
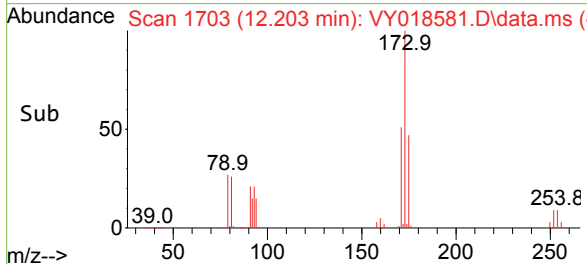
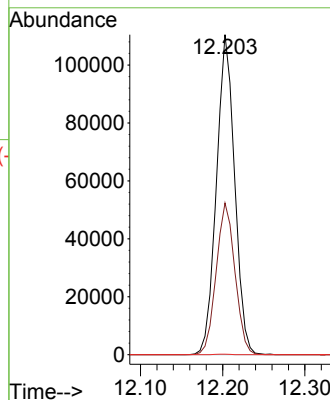
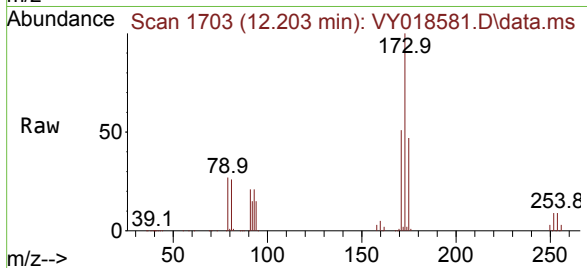
Tgt Ion:173 Resp: 170238

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.1 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: VY018581.D

Acq: 13 Jun 2024 17:58

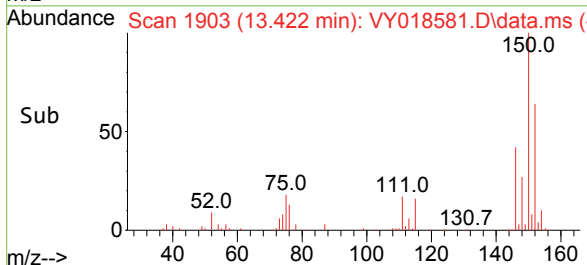
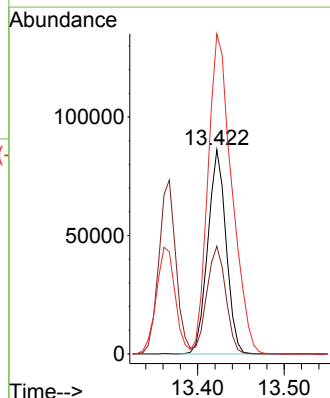
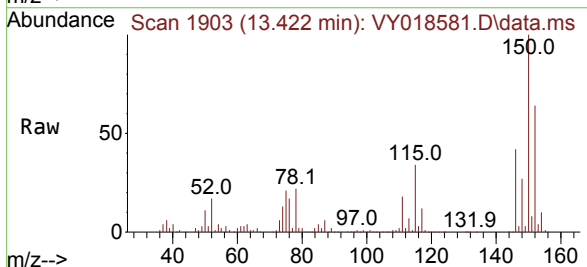
Tgt Ion:152 Resp: 126364

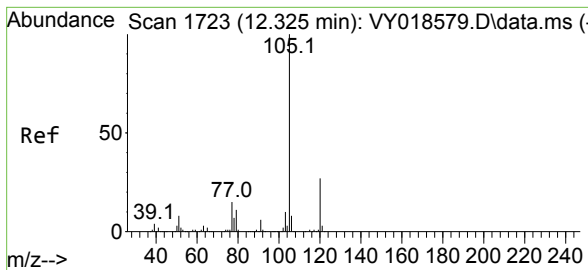
Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 204.2 0.0 345.6

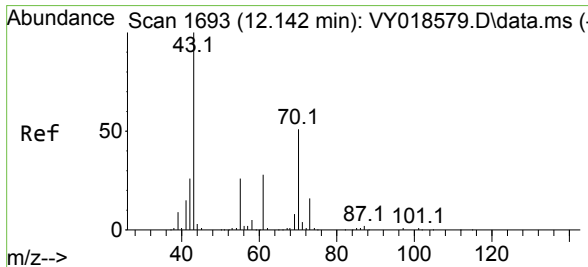
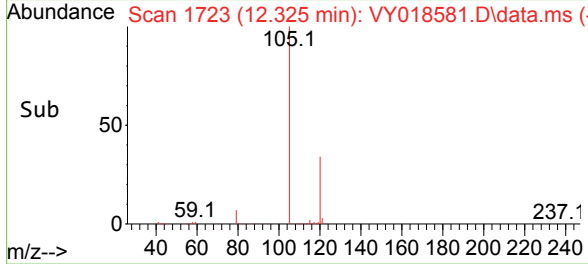
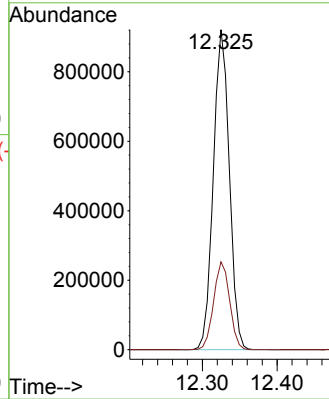
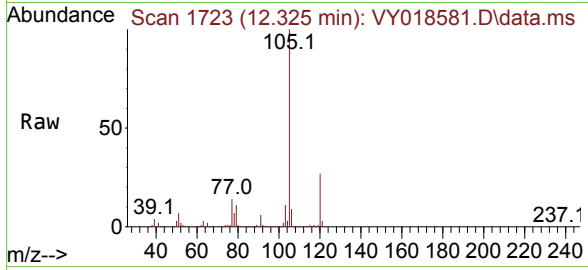




#73
Isopropylbenzene
Concen: 148.309 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

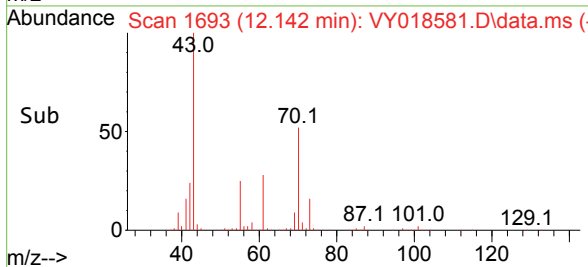
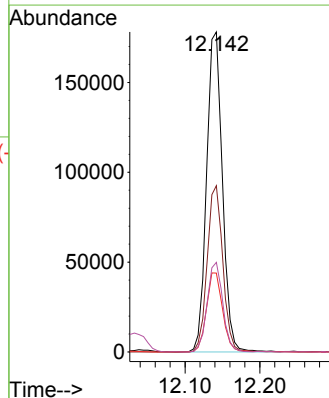
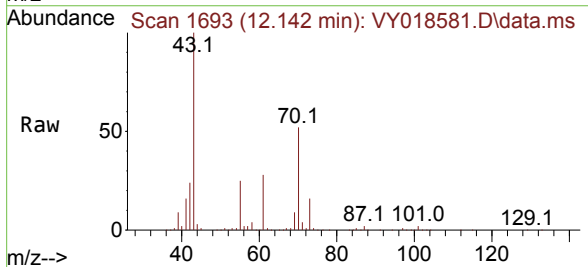
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

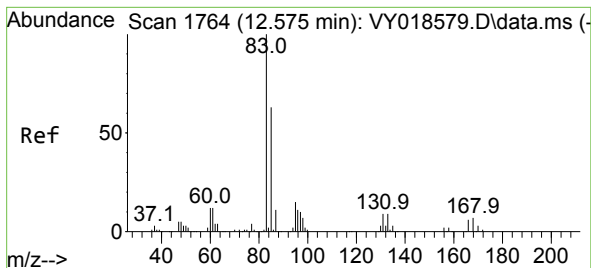
Tgt Ion:105 Resp: 1368514
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1



#74
N-ethyl acetate
Concen: 138.321 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 43 Resp: 261362
Ion Ratio Lower Upper
43 100
70 51.4 41.4 62.2
55 25.4 23.3 34.9
61 27.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 133.606 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

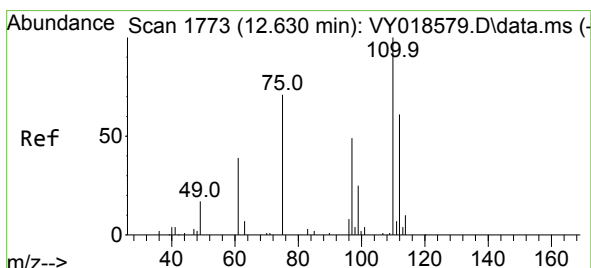
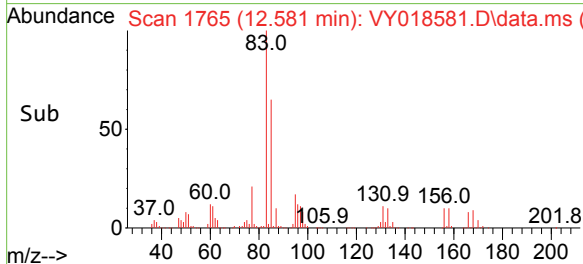
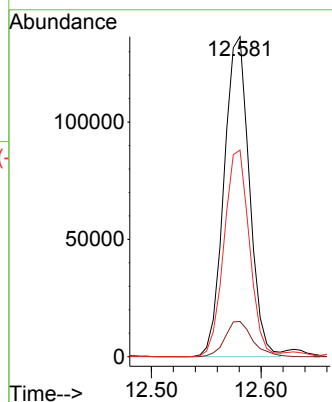
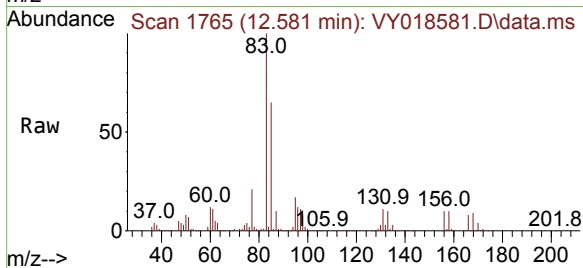
Tgt Ion: 83 Resp: 218904

Ion Ratio Lower Upper

83 100

131 12.0 5.0 14.9

85 64.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 227.265 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018581.D

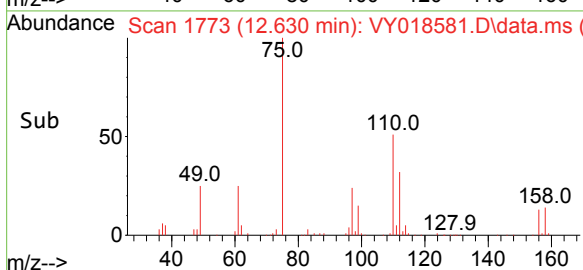
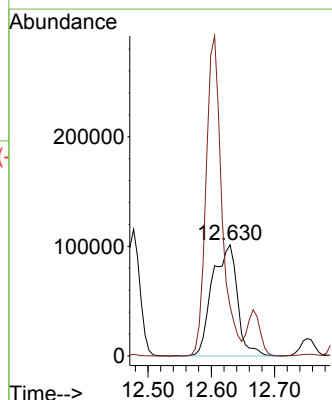
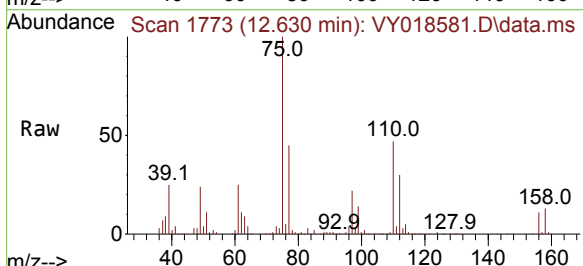
Acq: 13 Jun 2024 17:58

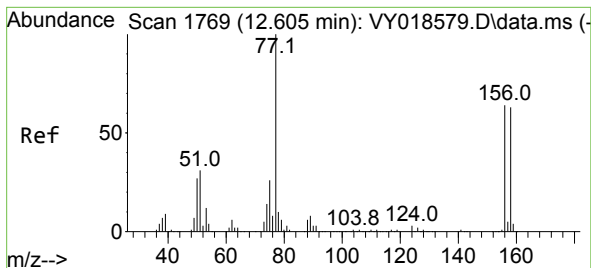
Tgt Ion: 75 Resp: 278146

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 158.083 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

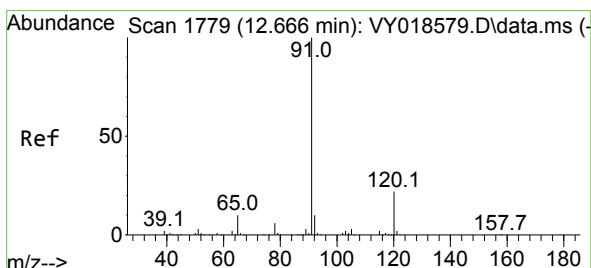
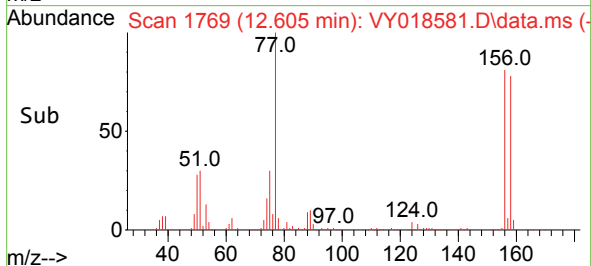
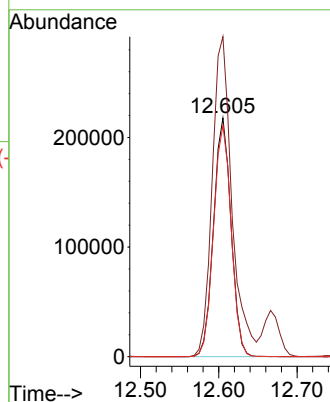
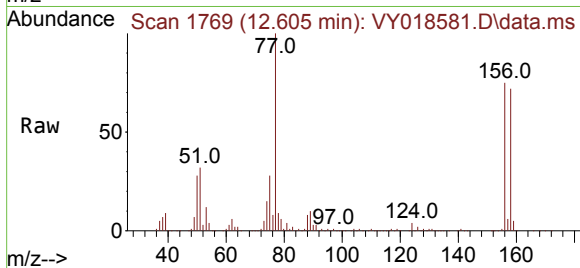
Tgt Ion:156 Resp: 337345

Ion Ratio Lower Upper

156 100

77 151.2 87.1 261.3

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 144.848 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018581.D

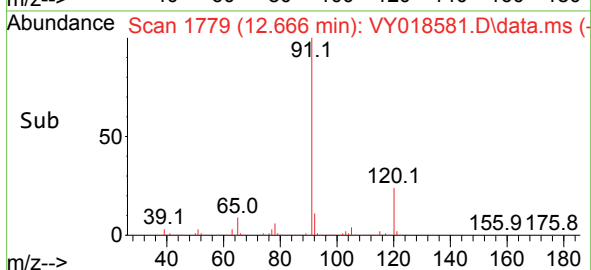
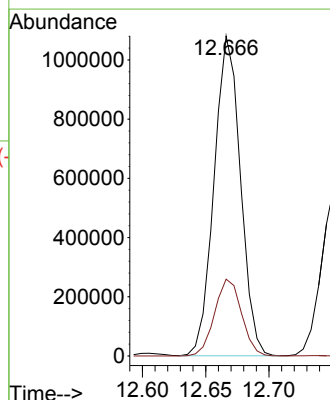
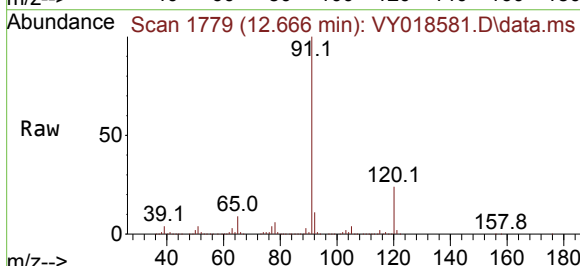
Acq: 13 Jun 2024 17:58

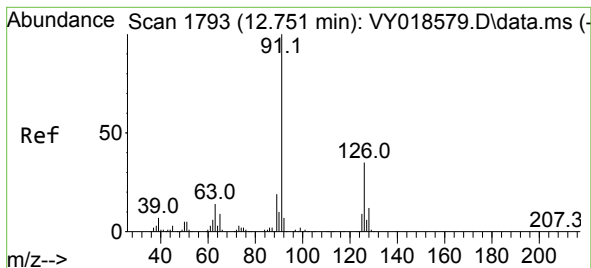
Tgt Ion: 91 Resp: 1564203

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 142.992 ug/l

RT: 12.752 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

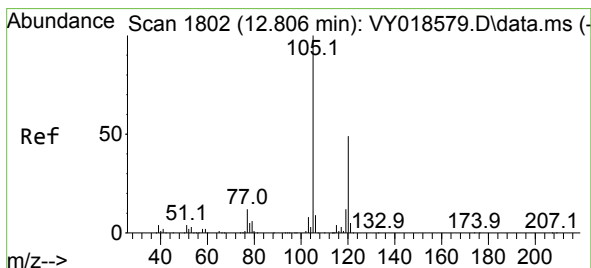
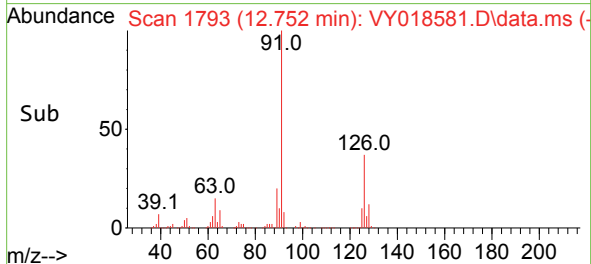
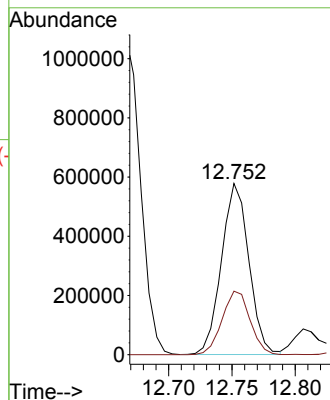
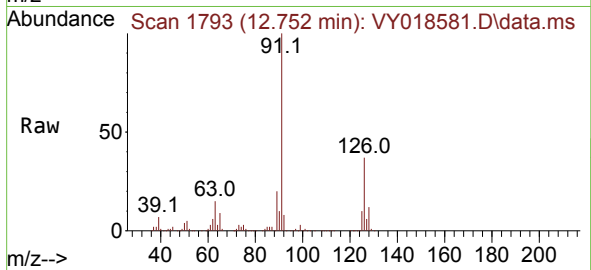
VSTDIC150

Tgt Ion: 91 Resp: 871655

Ion Ratio Lower Upper

91 100

126 37.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 151.227 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY018581.D

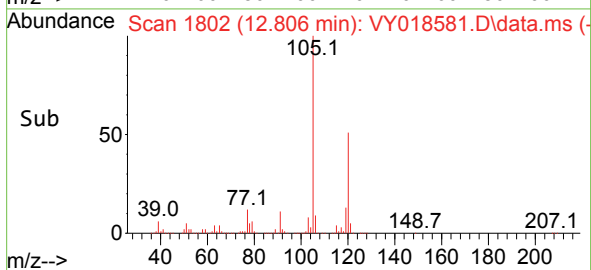
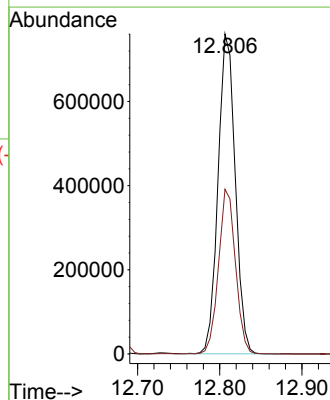
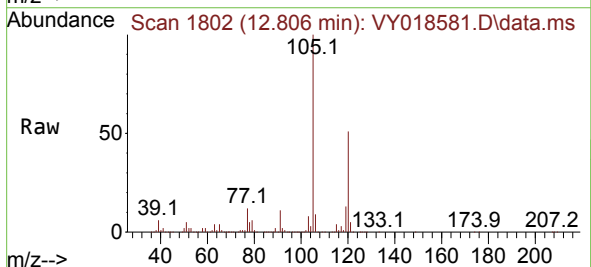
Acq: 13 Jun 2024 17:58

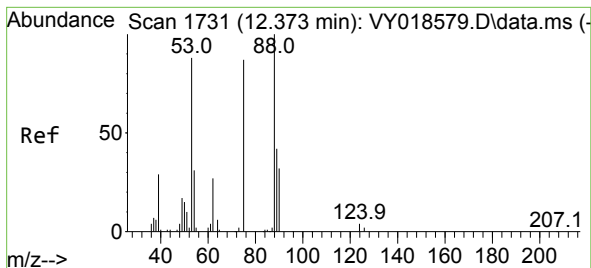
Tgt Ion:105 Resp: 1105954

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.2

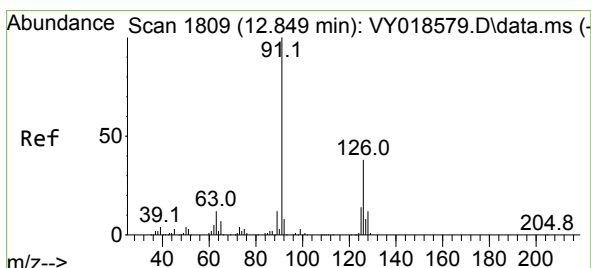
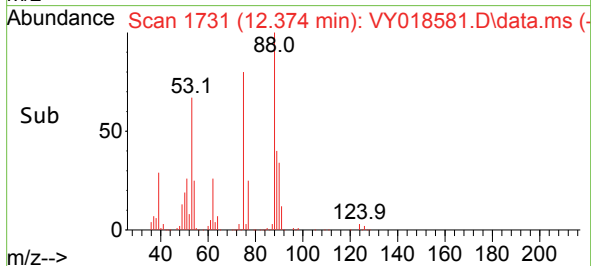
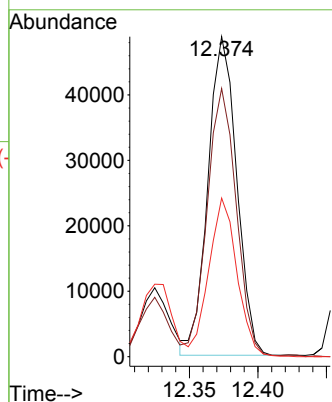
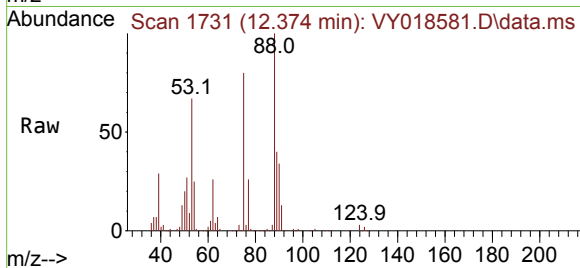




#81
trans-1,4-Dichloro-2-butene
Concen: 157.125 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

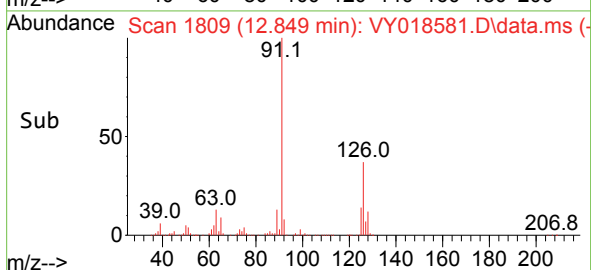
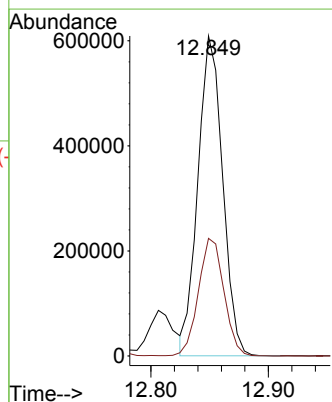
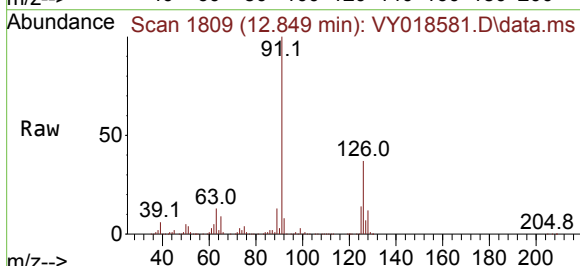
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

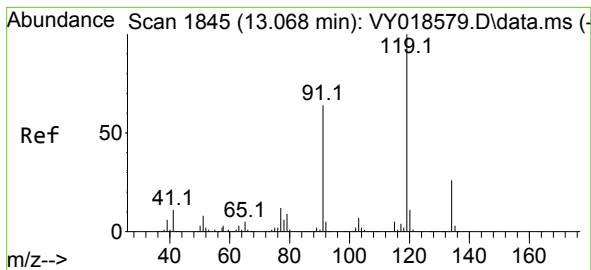
Tgt Ion:	75	Resp:	71104
Ion	Ratio	Lower	Upper
75	100		
53	86.1	66.8	100.2
89	48.7	35.8	53.6



#82
4-Chlorotoluene
Concen: 144.850 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion:	91	Resp:	889163
Ion	Ratio	Lower	Upper
91	100		
126	37.9	17.6	52.9





#83

tert-Butylbenzene

Concen: 147.607 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

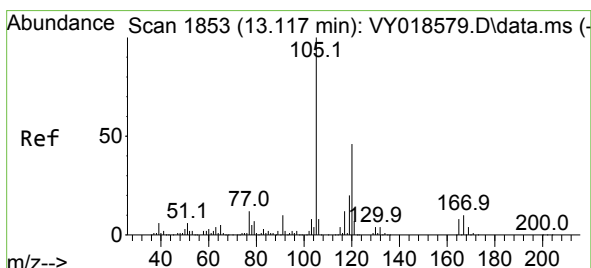
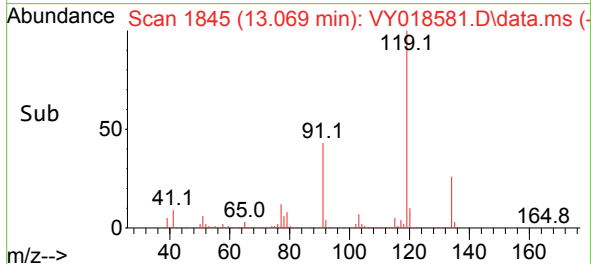
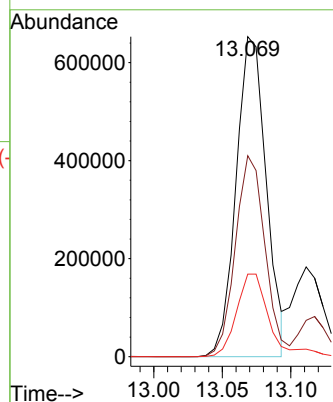
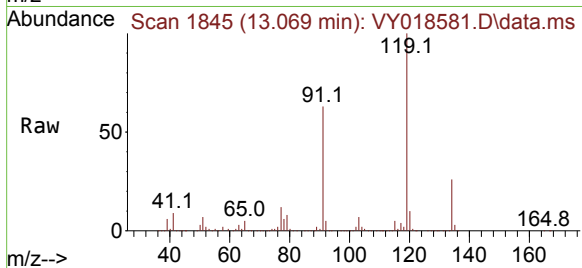
Tgt Ion:119 Resp: 999080

Ion Ratio Lower Upper

119 100

91 62.1 31.3 93.8

134 28.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 152.975 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018581.D

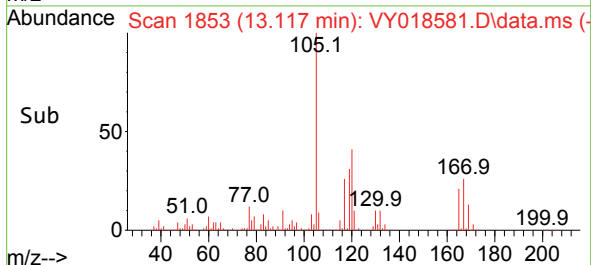
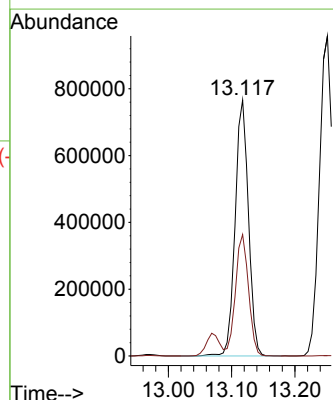
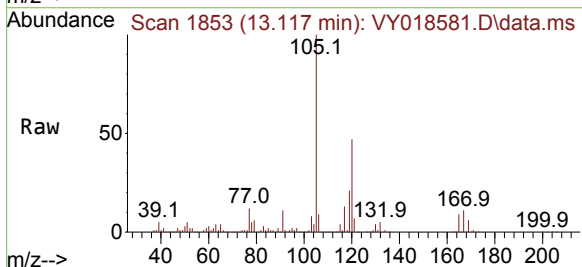
Acq: 13 Jun 2024 17:58

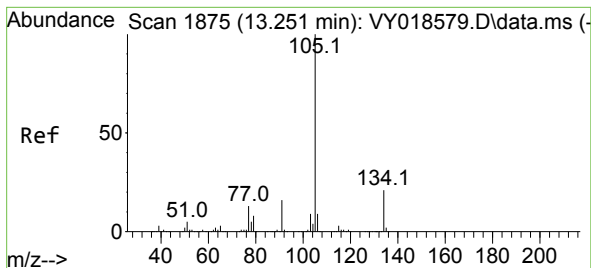
Tgt Ion:105 Resp: 1118163

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 147.397 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

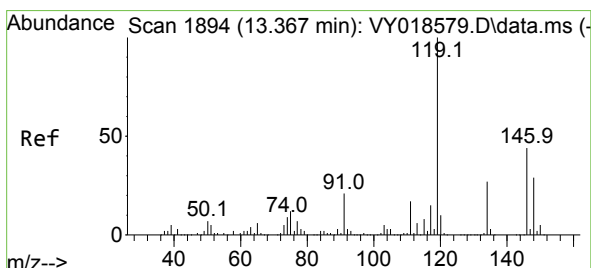
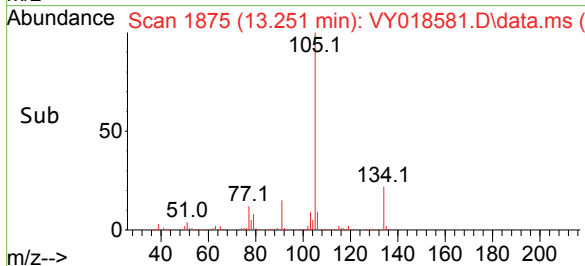
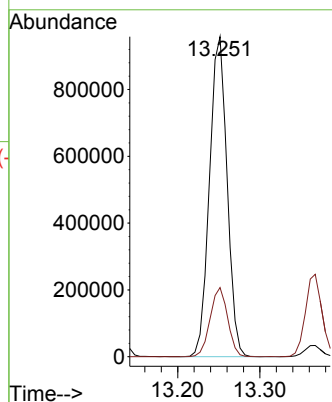
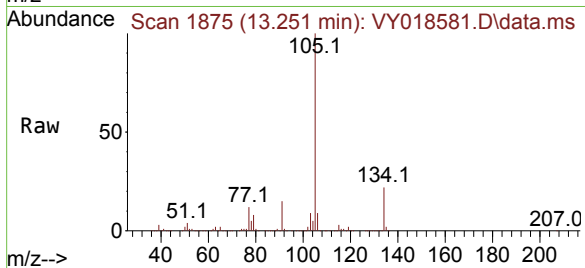
VSTDIC150

Tgt Ion:105 Resp: 1422899

Ion Ratio Lower Upper

105 100

134 21.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 155.843 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

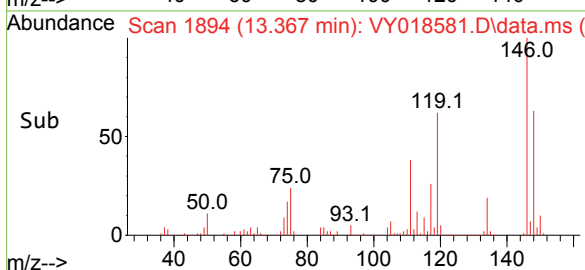
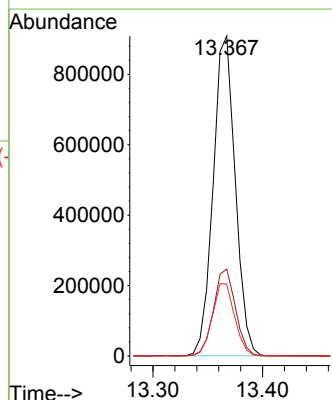
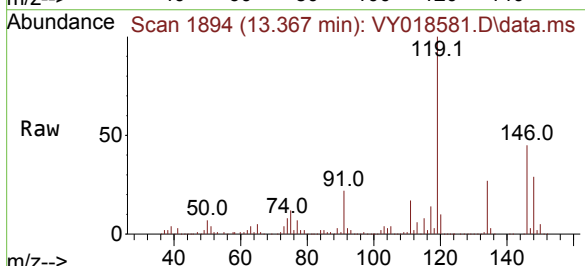
Tgt Ion:119 Resp: 1275430

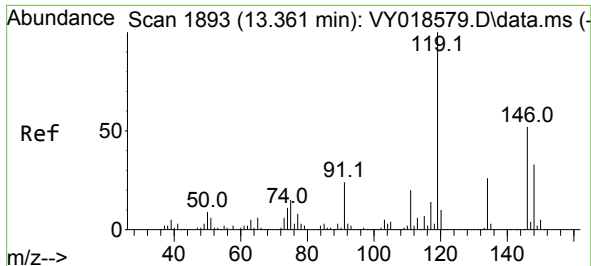
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 22.9 10.7 32.1

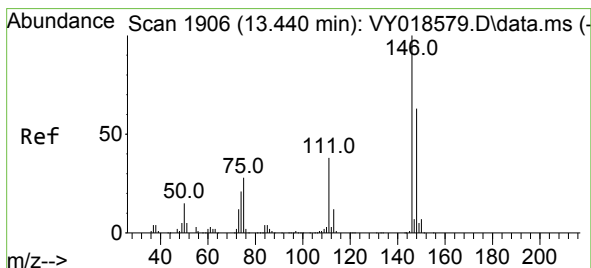
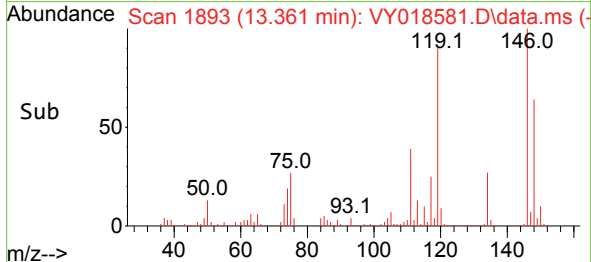
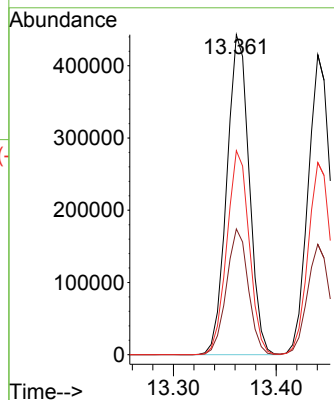
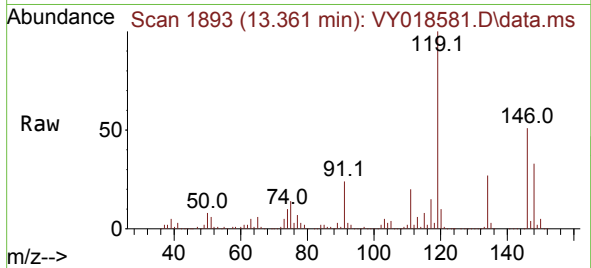




#87
 1,3-Dichlorobenzene
 Concen: 155.611 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY018581.D
 Acq: 13 Jun 2024 17:58

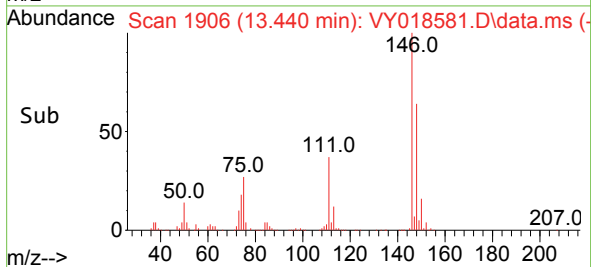
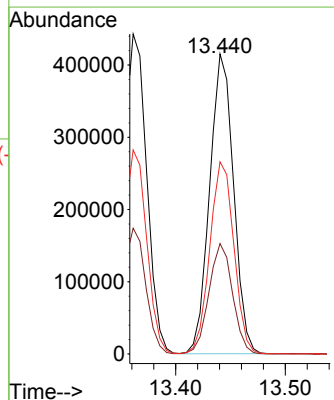
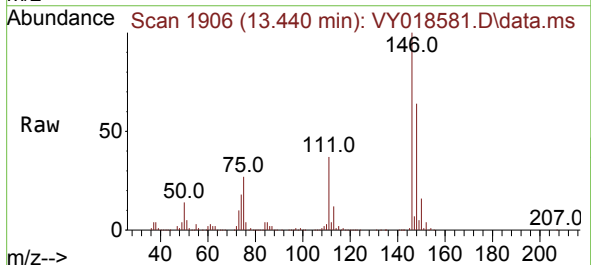
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

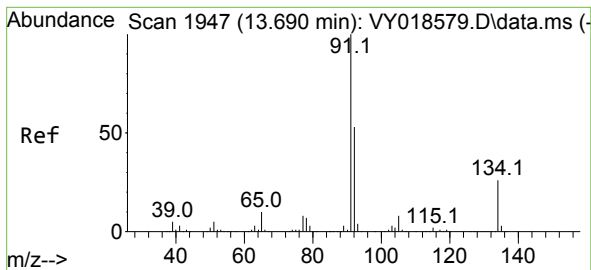
Tgt Ion:146 Resp: 669786
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.0 57.0
 148 63.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 149.129 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY018581.D
 Acq: 13 Jun 2024 17:58

Tgt Ion:146 Resp: 629879
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.4 55.4
 148 64.6 32.4 97.2





#89

n-Butylbenzene

Concen: 145.438 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

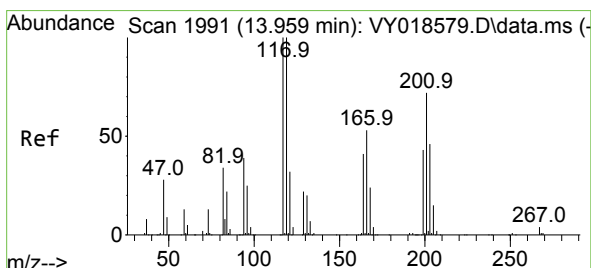
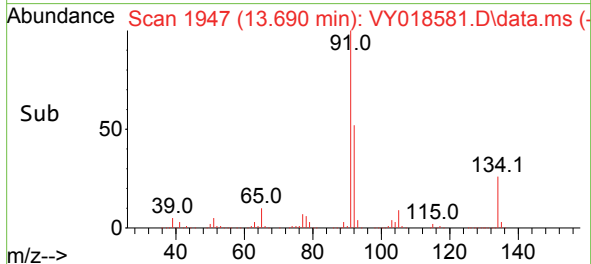
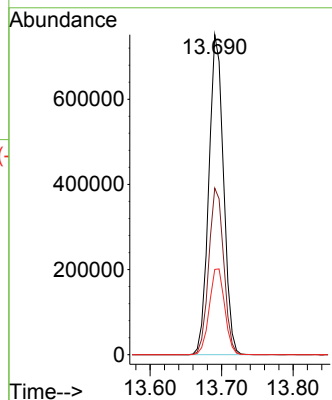
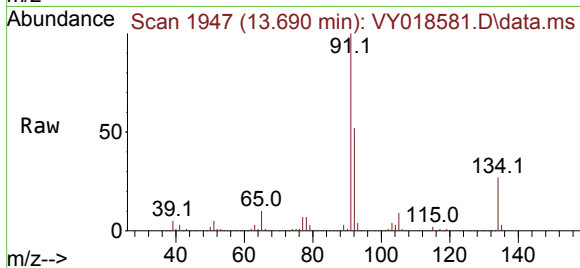
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1072840

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.7
134	28.2	12.9	38.7



#90

Hexachloroethane

Concen: 155.690 ug/l

RT: 13.959 min Scan# 1991

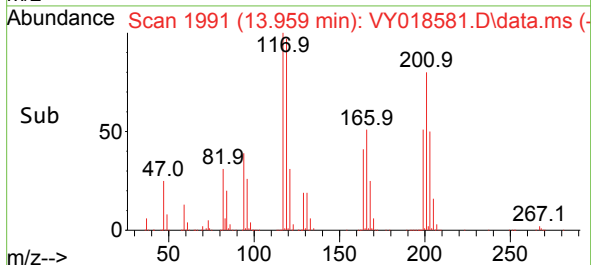
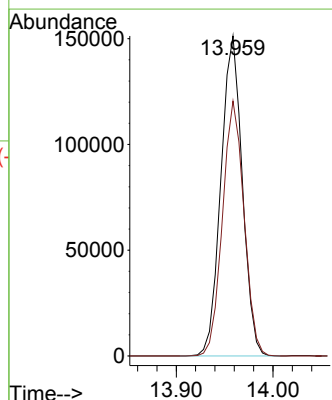
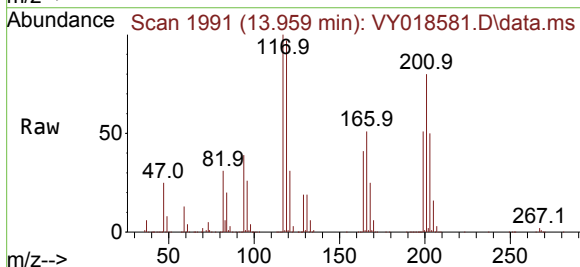
Delta R.T. 0.000 min

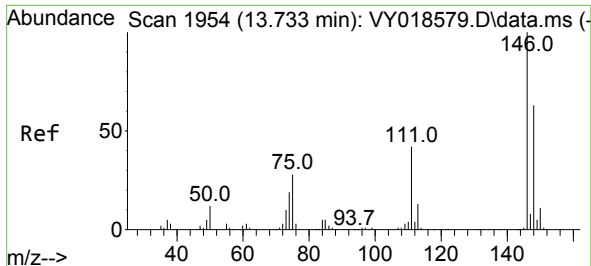
Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Tgt Ion: 117 Resp: 231468

Ion	Ratio	Lower	Upper
117	100		
201	80.3	37.4	112.2

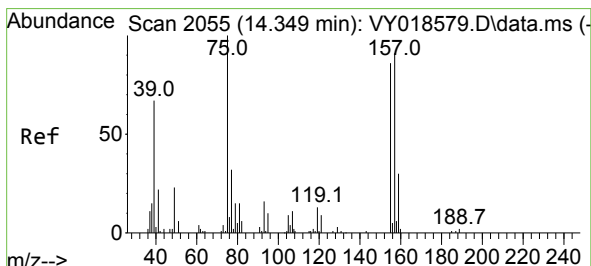
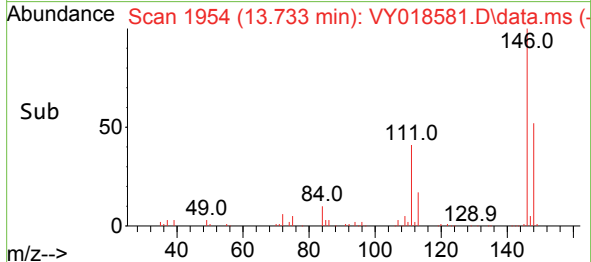
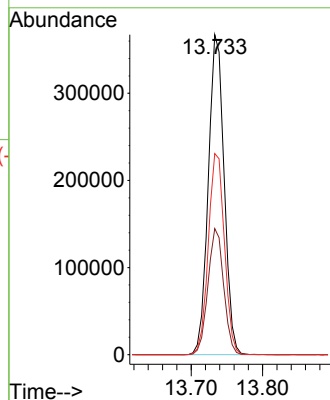
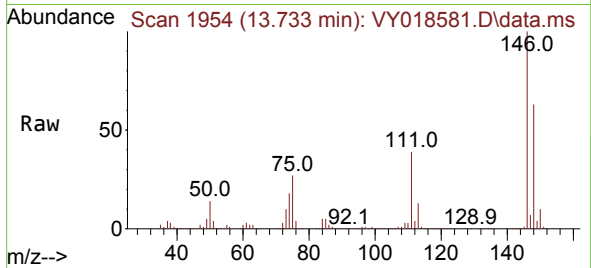




#91
1,2-Dichlorobenzene
Concen: 153.549 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

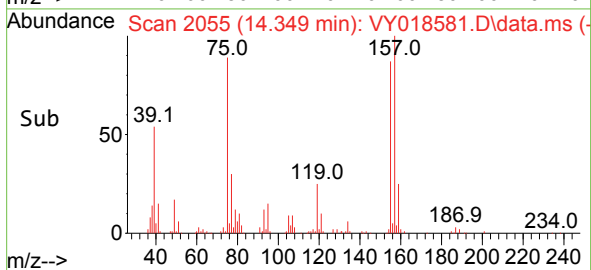
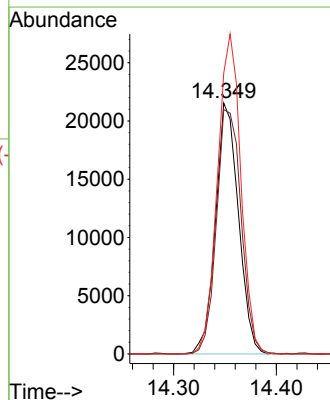
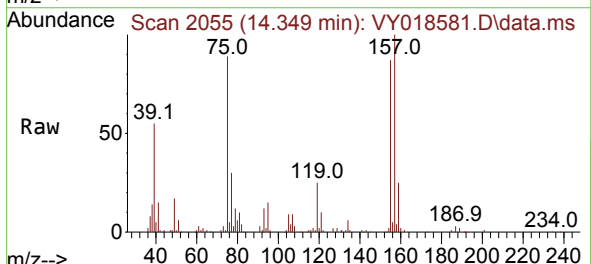
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

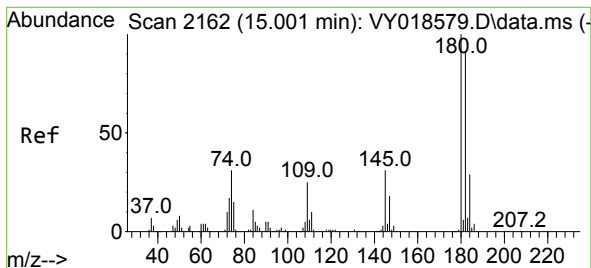
Tgt Ion:146 Resp: 564581
Ion Ratio Lower Upper
146 100
111 39.2 19.9 59.7
148 64.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 140.587 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VY018581.D
Acq: 13 Jun 2024 17:58

Tgt Ion: 75 Resp: 33354
Ion Ratio Lower Upper
75 100
155 104.7 48.6 145.8
157 129.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 170.077 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

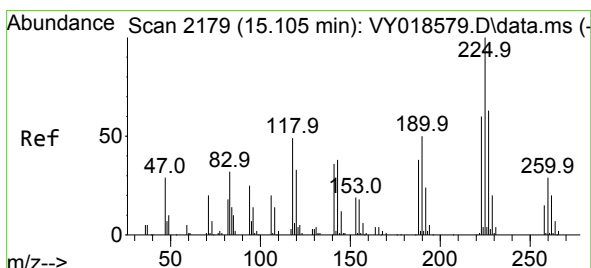
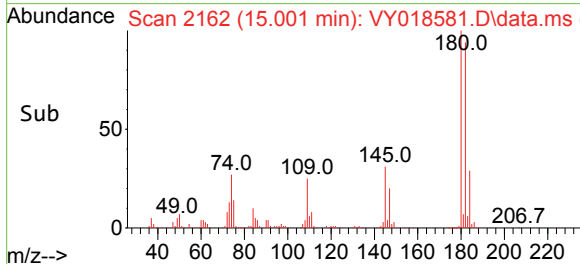
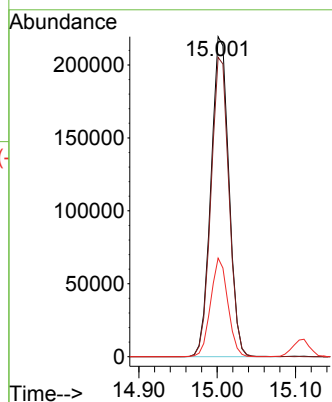
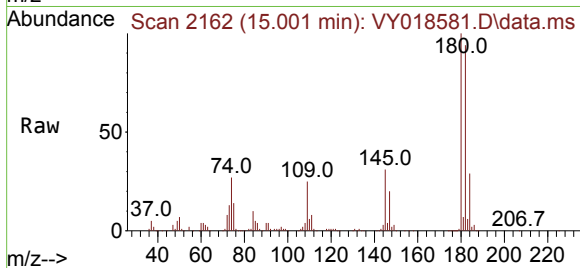
Tgt Ion:180 Resp: 348398

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.8

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 169.315 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

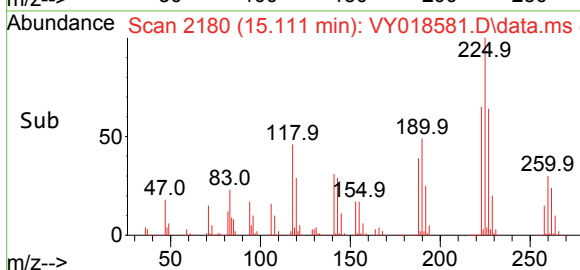
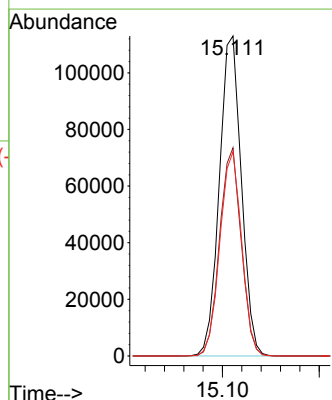
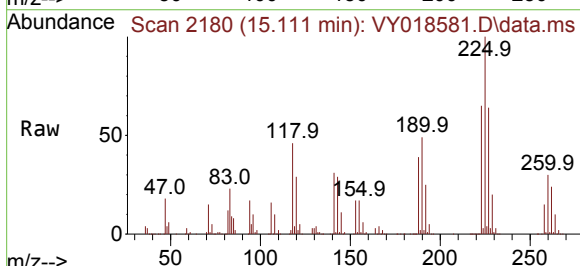
Tgt Ion:225 Resp: 178208

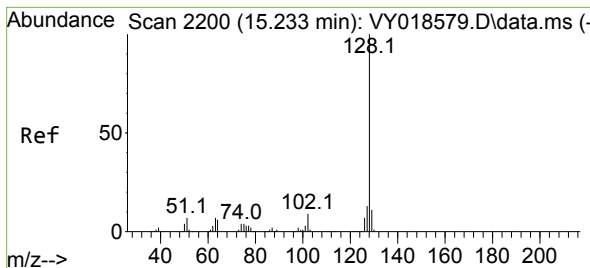
Ion Ratio Lower Upper

225 100

223 63.7 30.4 91.2

227 62.9 31.9 95.9





#95

Naphthalene

Concen: 171.751 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

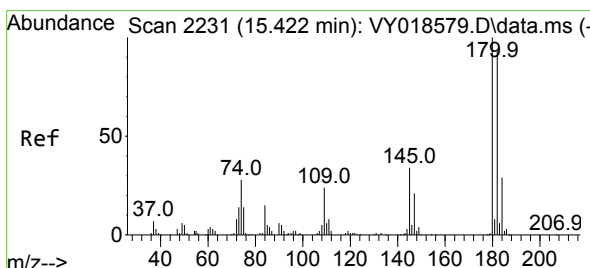
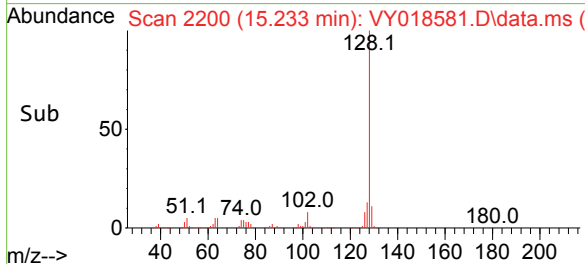
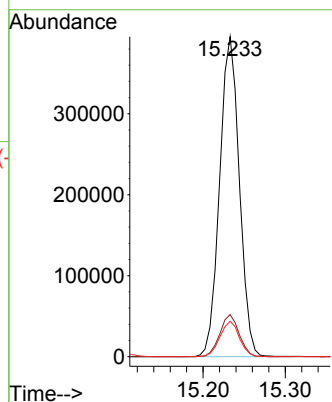
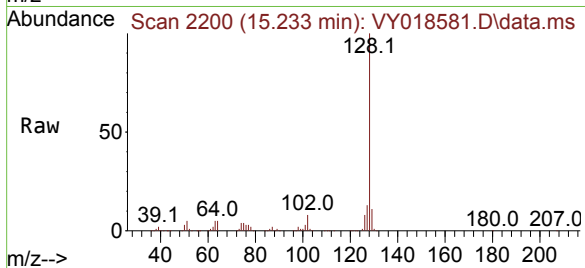
Tgt Ion:128 Resp: 657474

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 170.754 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018581.D

Acq: 13 Jun 2024 17:58

Tgt Ion:180 Resp: 295542

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 31.1 15.4 46.1

