

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061324\
 Data File : VY018579.D
 Acq On : 13 Jun 2024 17:10
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 14 06:49:08 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	149801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	258920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	232807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76094	50.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.900%	
35) Dibromofluoromethane	7.704	113	78257	49.547	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.100%	
50) Toluene-d8	10.173	98	303152	49.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.477	95	99968	52.121	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	54650	55.391	ug/l	100
3) Chloromethane	2.101	50	123767	60.908	ug/l	97
4) Vinyl Chloride	2.241	62	149127	59.260	ug/l	98
5) Bromomethane	2.637	94	104951	56.110	ug/l	99
6) Chloroethane	2.778	64	96478	58.525	ug/l	99
7) Trichlorofluoromethane	3.107	101	158353	58.436	ug/l	95
8) Diethyl Ether	3.515	74	47178	61.059	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	81081	57.265	ug/l	95
10) Methyl Iodide	4.076	142	102769	59.891	ug/l	97
11) Tert butyl alcohol	4.936	59	49761	183.428	ug/l #	88
12) 1,1-Dichloroethene	3.851	96	83215	58.483	ug/l	94
13) Acrolein	3.710	56	28201	323.346	ug/l	98
14) Allyl chloride	4.460	41	114101	59.482	ug/l	96
15) Acrylonitrile	5.143	53	104027	302.643	ug/l	98
16) Acetone	3.930	43	95040	309.735	ug/l	90
17) Carbon Disulfide	4.174	76	248156	57.173	ug/l	96
18) Methyl Acetate	4.460	43	51310	65.926	ug/l	97
19) Methyl tert-butyl Ether	5.198	73	224639	59.184	ug/l	95
20) Methylene Chloride	4.698	84	107614	58.415	ug/l	95
21) trans-1,2-Dichloroethene	5.198	96	95228	58.791	ug/l	95
22) Diisopropyl ether	6.100	45	261466	60.377	ug/l	92
23) Vinyl Acetate	6.045	43	1090372	273.026	ug/l	99
24) 1,1-Dichloroethane	5.997	63	161877	58.022	ug/l	96
25) 2-Butanone	6.972	43	143267	311.488	ug/l	92
26) 2,2-Dichloropropane	6.966	77	133123	56.635	ug/l	98
27) cis-1,2-Dichloroethene	6.966	96	114186	58.363	ug/l	97
28) Bromochloromethane	7.319	49	47164	41.245	ug/l	96
29) Tetrahydrofuran	7.338	42	87733	310.825	ug/l	97
30) Chloroform	7.496	83	176164	57.939	ug/l	98
31) Cyclohexane	7.771	56	129410	56.016	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	148987	57.679	ug/l	98
36) 1,1-Dichloropropene	7.905	75	124024	57.047	ug/l	98
37) Ethyl Acetate	7.063	43	61260	59.774	ug/l	99
38) Carbon Tetrachloride	7.886	117	129669	56.851	ug/l	97
39) Methylcyclohexane	9.173	83	158704	59.577	ug/l	99
40) Benzene	8.149	78	392934	58.440	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	81803	165.887	ug/l	# 26
42) 1,2-Dichloroethane	8.228	62	102797	58.603	ug/l	98
43) Isopropyl Acetate	8.264	43	116364	60.832	ug/l	94
44) Trichloroethene	8.935	130	101925	57.901	ug/l	97
45) 1,2-Dichloropropane	9.209	63	88999	57.888	ug/l	98
46) Dibromomethane	9.295	93	56324	59.043	ug/l	96
47) Bromodichloromethane	9.490	83	134132	58.912	ug/l	98
48) Methyl methacrylate	9.283	41	54230	62.974	ug/l	92
49) 1,4-Dioxane	9.289	88	15111	1204.430	ug/l	# 93
51) 4-Methyl-2-Pentanone	10.063	43	313558	311.199	ug/l	97
52) Toluene	10.240	92	256129	59.332	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	122414	61.524	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	143158	59.621	ug/l	96
55) 1,1,2-Trichloroethane	10.636	97	73534	57.954	ug/l	95
56) Ethyl methacrylate	10.502	69	107060	64.480	ug/l	95
57) 1,3-Dichloropropane	10.782	76	125261	59.430	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	218967	273.181	ug/l	99
59) 2-Hexanone	10.825	43	222860	315.766	ug/l	97
60) Dibromochloromethane	10.977	129	94541	59.981	ug/l	98
61) 1,2-Dibromoethane	11.081	107	71713	61.156	ug/l	100
64) Tetrachloroethene	10.715	164	95370	57.435	ug/l	97
65) Chlorobenzene	11.508	112	280331	58.289	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	93657	58.112	ug/l	99
67) Ethyl Benzene	11.587	91	492640	59.036	ug/l	97
68) m/p-Xylenes	11.697	106	392609	120.911	ug/l	99
69) o-Xylene	12.026	106	186767	59.813	ug/l	99
70) Styrene	12.038	104	316418	61.340	ug/l	99
71) Bromoform	12.203	173	52377	59.228	ug/l	# 99
73) Isopropylbenzene	12.325	105	480313	56.551	ug/l	100
74) N-amyl acetate	12.142	43	107800	61.982	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.575	83	87746	58.184	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	107648	95.558	ug/l	# 100
77) Bromobenzene	12.605	156	108832	55.408	ug/l	99
78) n-propylbenzene	12.666	91	571770	57.523	ug/l	100
79) 2-Chlorotoluene	12.751	91	322218	57.427	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	389901	57.923	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	26628	63.928	ug/l	92
82) 4-Chlorotoluene	12.849	91	324146	57.369	ug/l	97
83) tert-Butylbenzene	13.068	119	347482	55.775	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	391940	58.255	ug/l	100
85) sec-Butylbenzene	13.251	105	514019	57.849	ug/l	99
86) p-Isopropyltoluene	13.367	119	433197	57.507	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	221915	56.014	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	217619	55.976	ug/l	99
89) n-Butylbenzene	13.690	91	393667	57.979	ug/l	99
90) Hexachloroethane	13.959	117	80552	58.864	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	195077	57.641	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	12917	59.151	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	107444	56.984	ug/l	97
94) Hexachlorobutadiene	15.105	225	53718	55.449	ug/l	99
95) Naphthalene	15.233	128	214815	60.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	90543	56.834	ug/l	98

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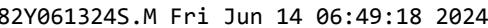
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

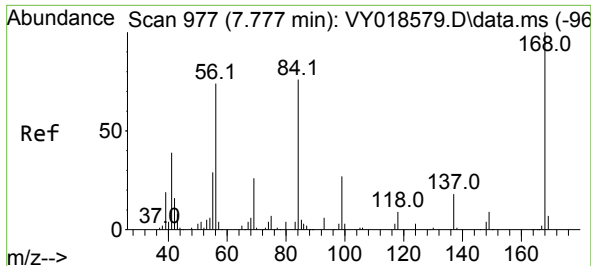
Quant Time: Jun 14 06:49:08 2024
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Quant Title : SW846 8260
QLast Update : Fri Jun 14 06:38:50 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

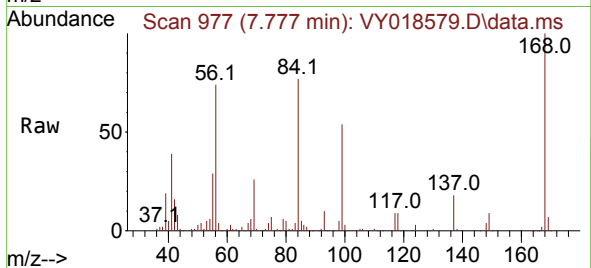
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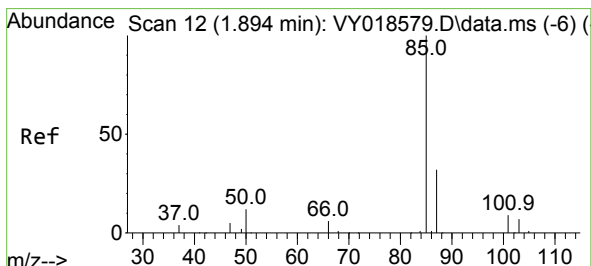
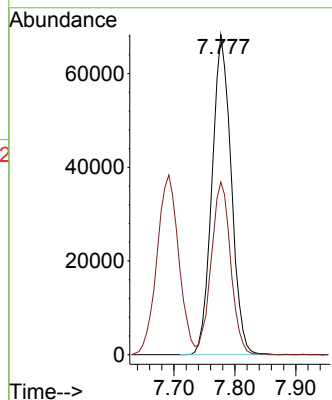
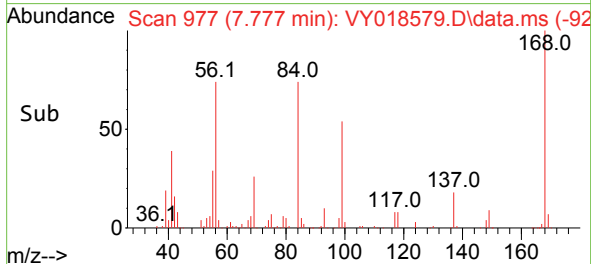


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018579.D
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VSTDICCC050

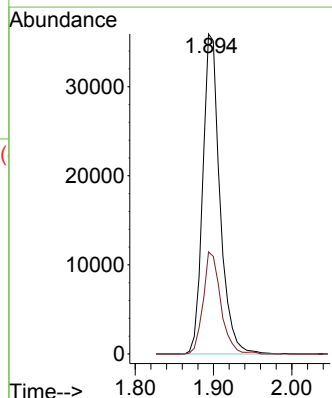
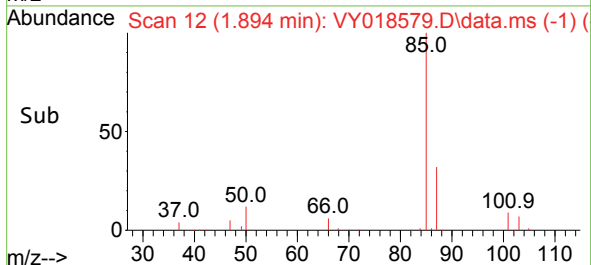
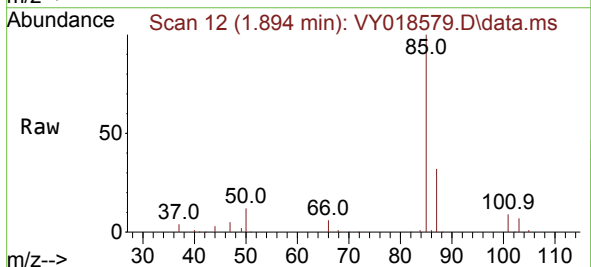


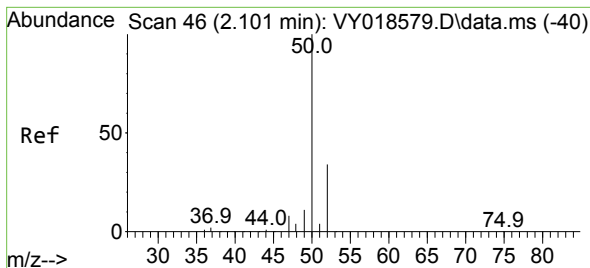
Tgt Ion:168 Resp: 149801
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 55.391 ug/l
RT: 1.894 min Scan# 12
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 85 Resp: 54650
Ion Ratio Lower Upper
85 100
87 31.9 16.0 48.0





#3

Chloromethane

Concen: 60.908 ug/l

RT: 2.101 min Scan# 46

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

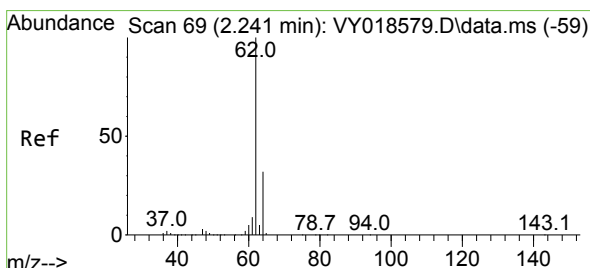
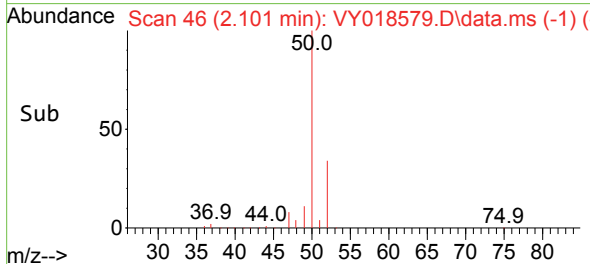
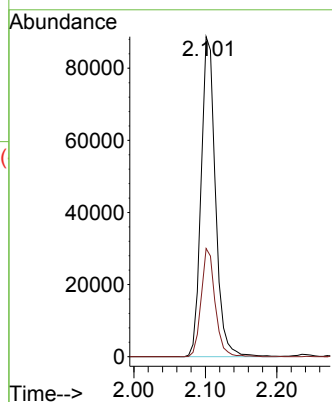
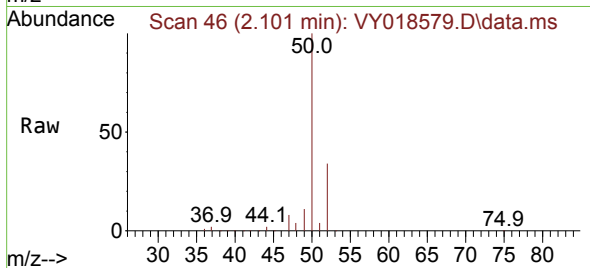
VSTDICCC050

Tgt Ion: 50 Resp: 123767

Ion Ratio Lower Upper

50 100

52 33.8 25.6 38.4



#4

Vinyl Chloride

Concen: 59.260 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY018579.D

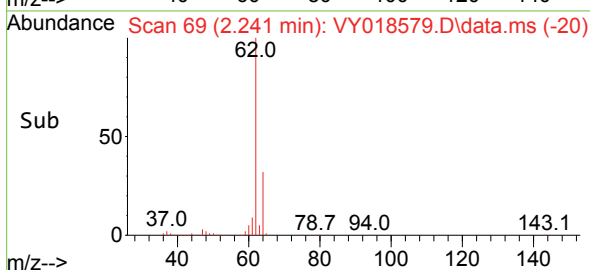
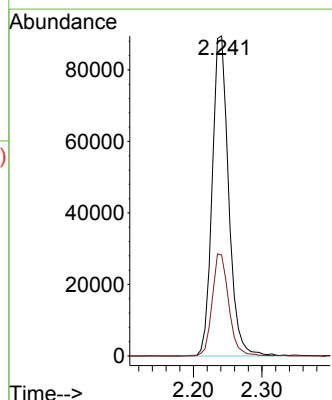
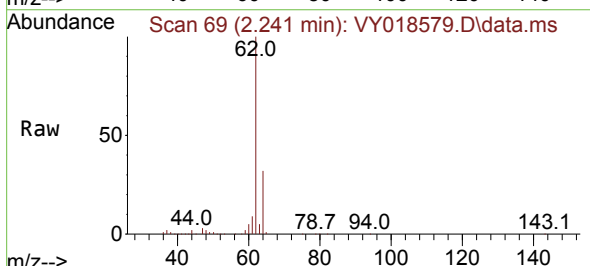
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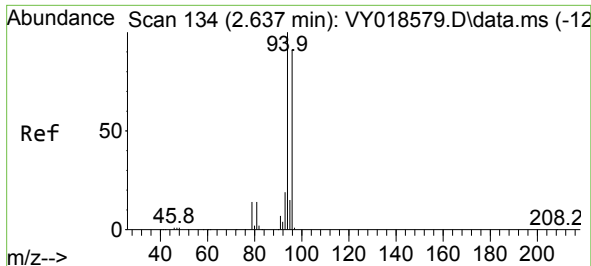
Tgt Ion: 62 Resp: 149127

Ion Ratio Lower Upper

62 100

64 31.6 26.1 39.1





#5

Bromomethane

Concen: 56.110 ug/l

RT: 2.637 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

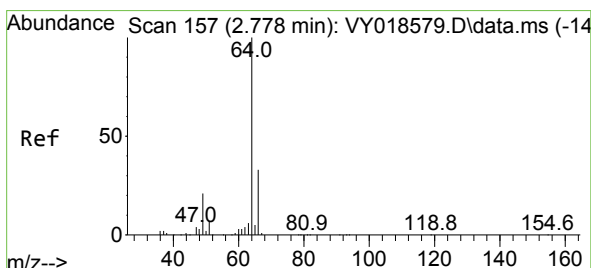
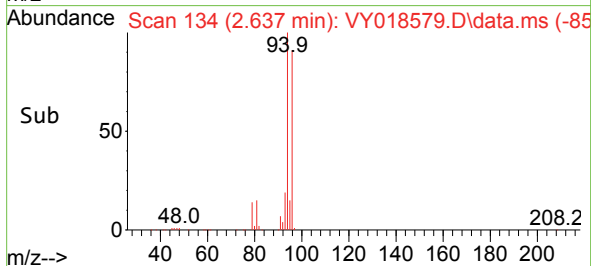
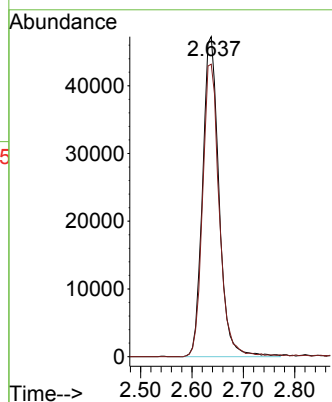
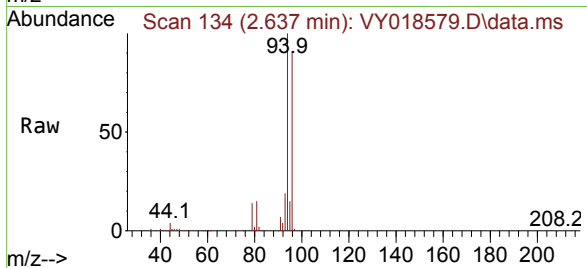
VSTDICCC050

Tgt Ion: 94 Resp: 104951

Ion Ratio Lower Upper

94 100

96 91.4 74.1 111.1



#6

Chloroethane

Concen: 58.525 ug/l

RT: 2.778 min Scan# 157

Delta R.T. 0.000 min

Lab File: VY018579.D

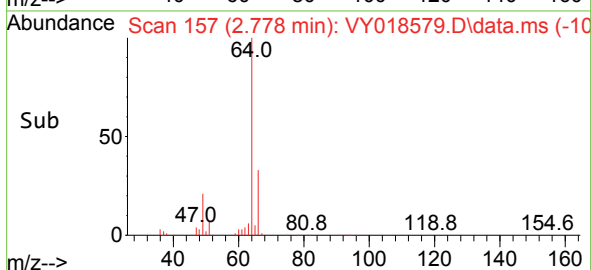
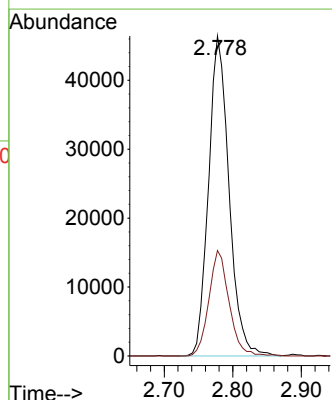
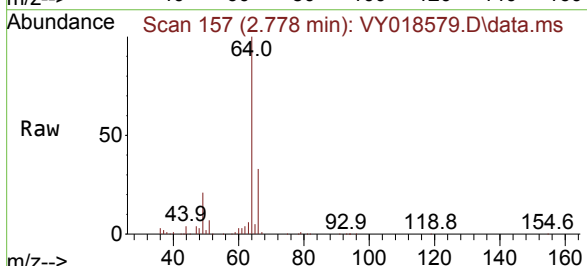
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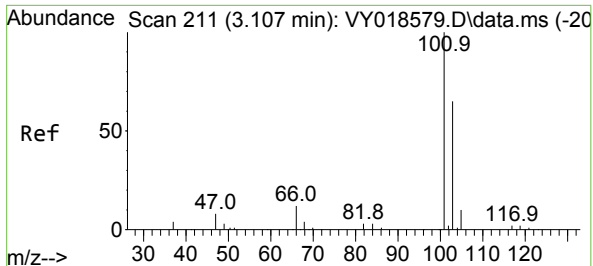
Tgt Ion: 64 Resp: 96478

Ion Ratio Lower Upper

64 100

66 33.0 26.1 39.1

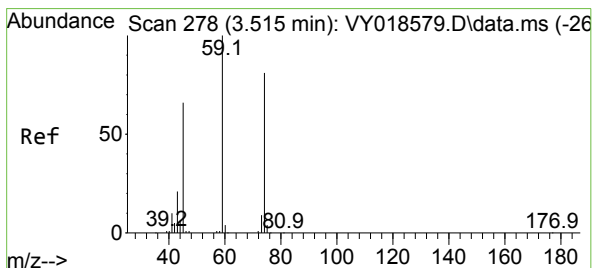
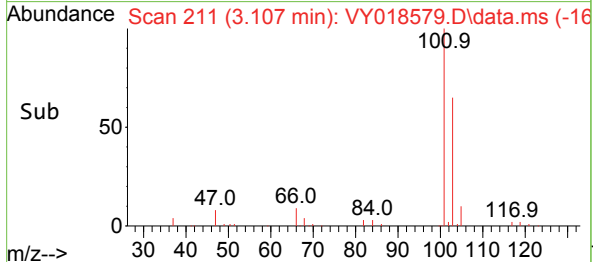
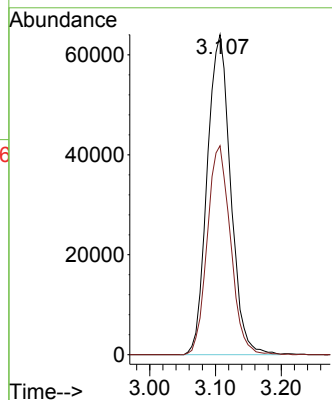
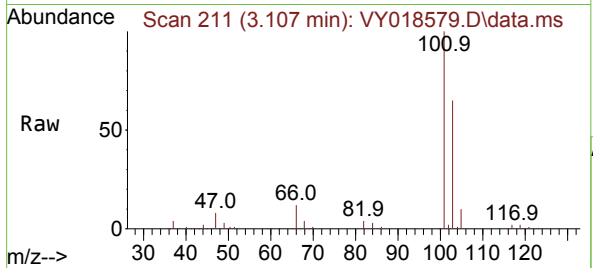




#7
 Trichlorofluoromethane
 Concen: 58.436 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY018579.D
 Acq: 13 Jun 2024 17:10

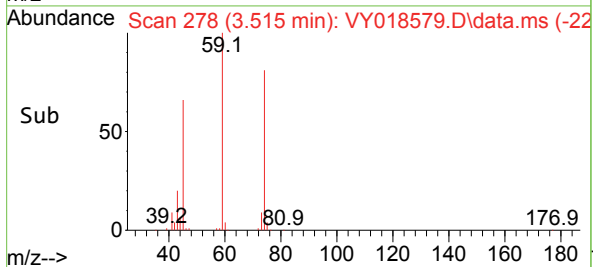
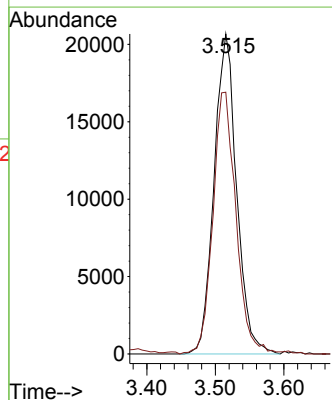
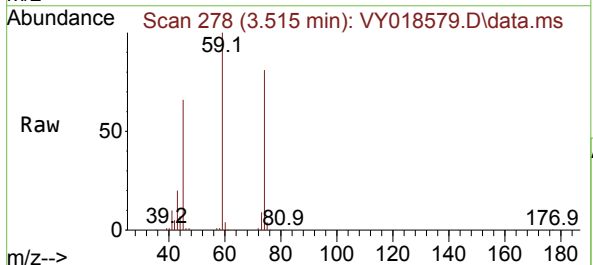
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

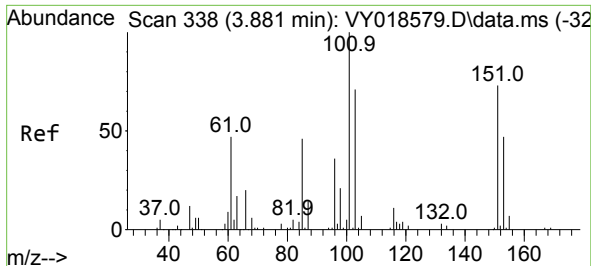
Tgt Ion:101 Resp: 158353
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 61.059 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018579.D
 Acq: 13 Jun 2024 17:10

Tgt Ion: 74 Resp: 47178
 Ion Ratio Lower Upper
 74 100
 45 83.9 41.3 124.1

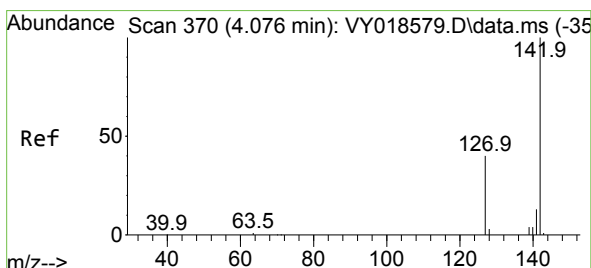
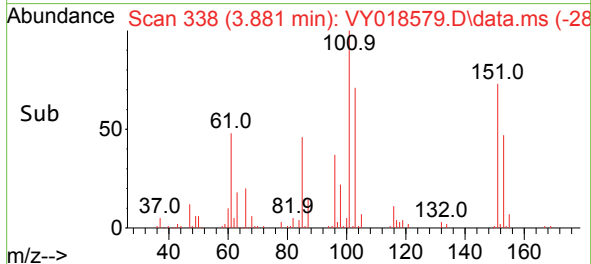
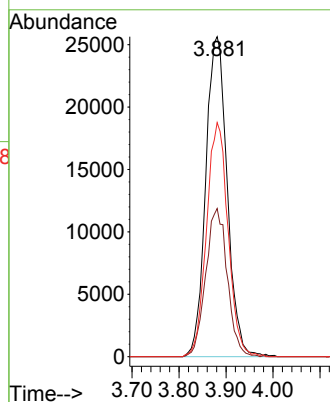
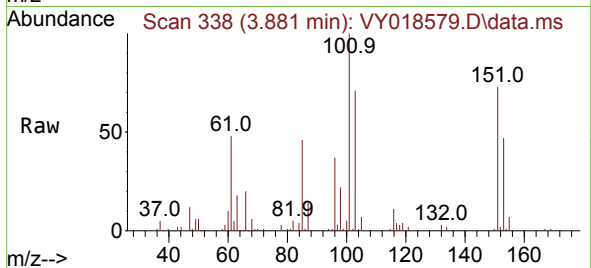




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.265 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

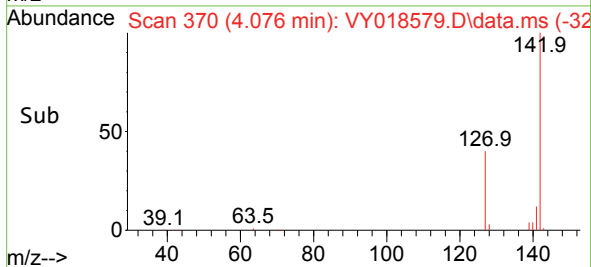
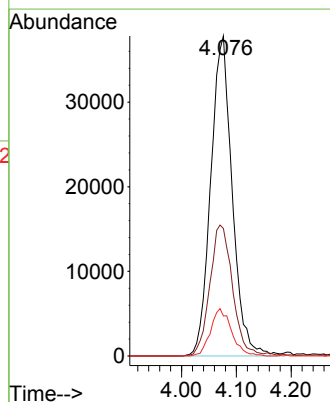
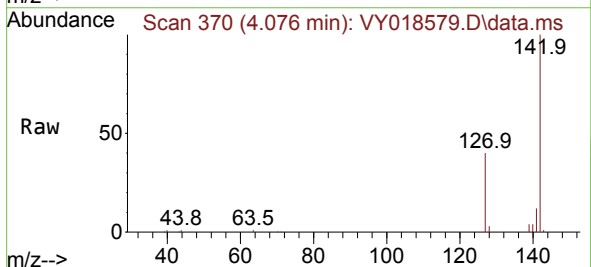
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

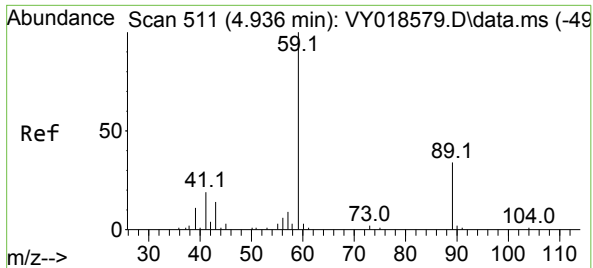
Tgt Ion:101 Resp: 81081
Ion Ratio Lower Upper
101 100
85 46.6 34.5 51.7
151 73.4 61.7 92.5



#10
Methyl Iodide
Concen: 59.891 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion:142 Resp: 102769
Ion Ratio Lower Upper
142 100
127 43.1 32.8 49.2
141 14.5 11.4 17.2

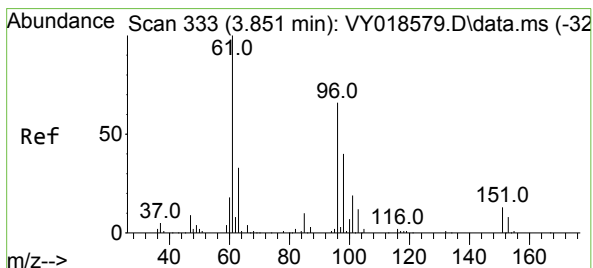
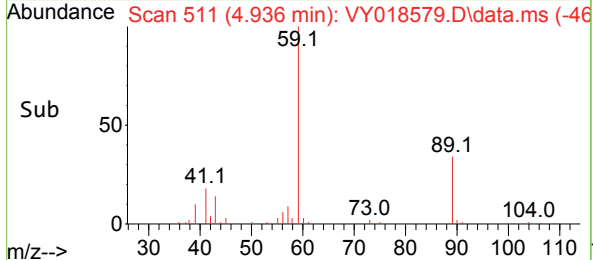
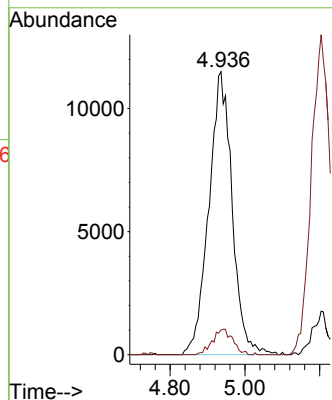
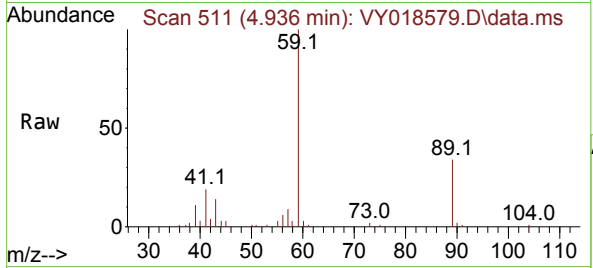




#11
Tert butyl alcohol
Concen: 183.428 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

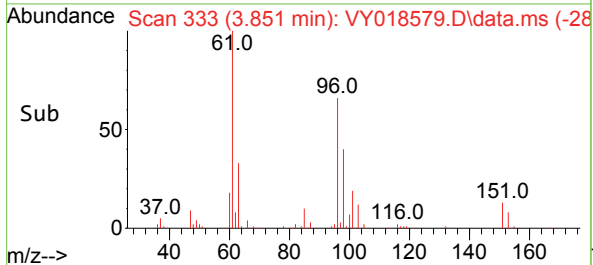
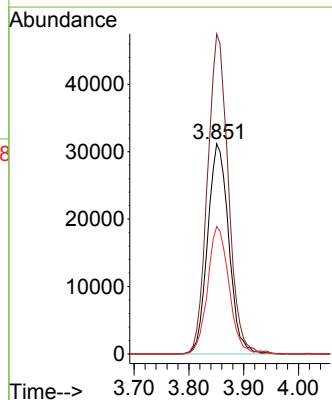
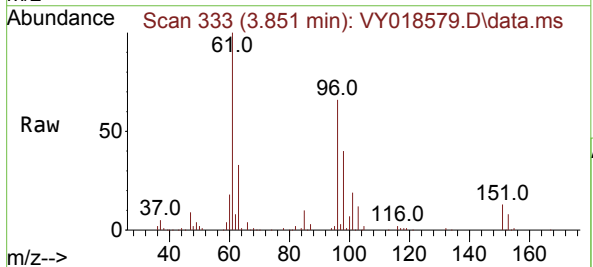
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

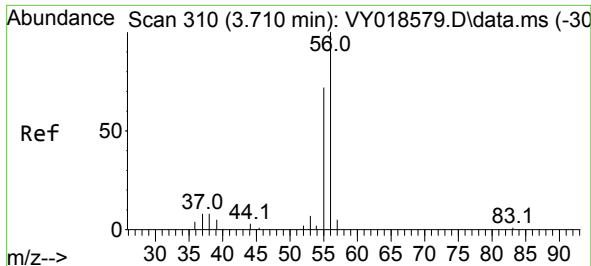
Tgt Ion: 59 Resp: 49761
Ion Ratio Lower Upper
59 100
57 7.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 58.483 ug/l
RT: 3.851 min Scan# 333
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 96 Resp: 83215
Ion Ratio Lower Upper
96 100
61 152.2 114.6 171.8
98 60.6 50.8 76.2





#13

Acrolein

Concen: 323.346 ug/l

RT: 3.710 min Scan# 310

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

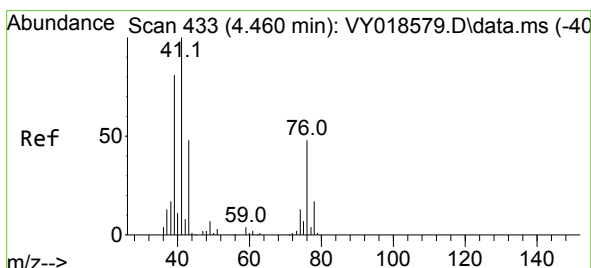
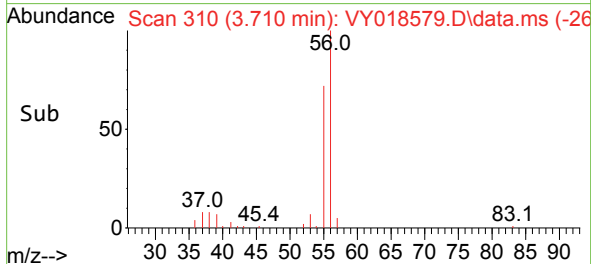
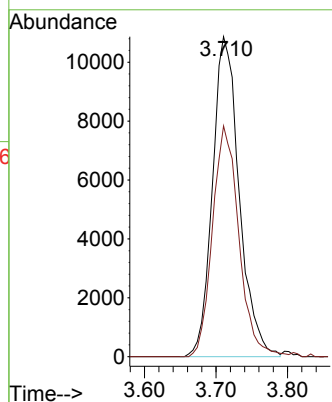
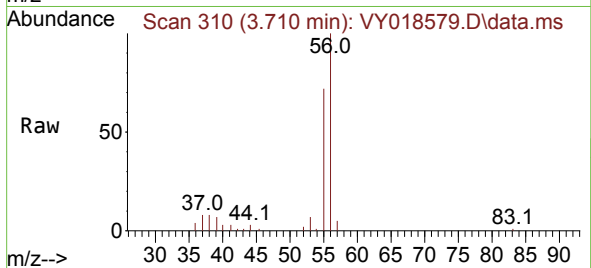
VSTDICCC050

Tgt Ion: 56 Resp: 28201

Ion Ratio Lower Upper

56 100

55 71.3 55.7 83.5



#14

Allyl chloride

Concen: 59.482 ug/l

RT: 4.460 min Scan# 433

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

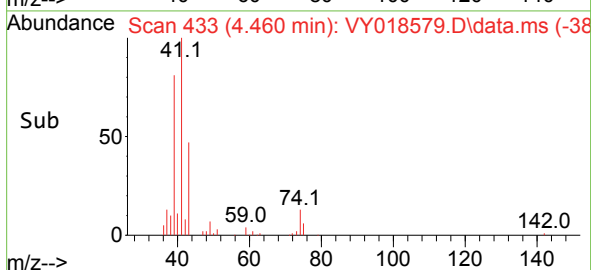
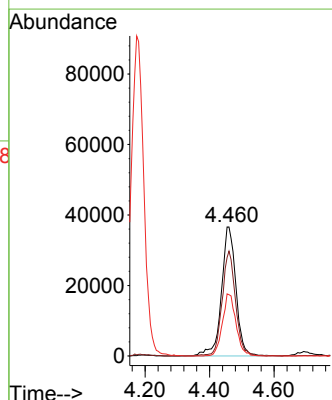
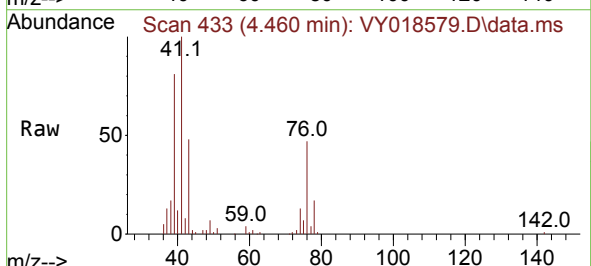
Tgt Ion: 41 Resp: 114101

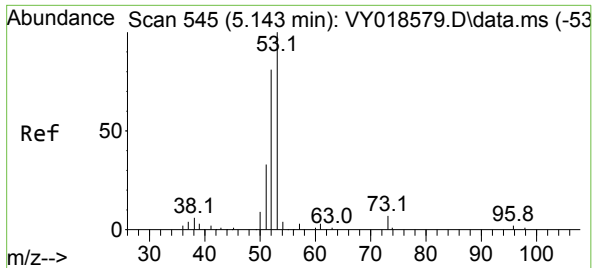
Ion Ratio Lower Upper

41 100

39 75.5 58.3 87.5

76 45.1 39.0 58.6





#15

Acrylonitrile

Concen: 302.643 ug/l

RT: 5.143 min Scan# 545

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

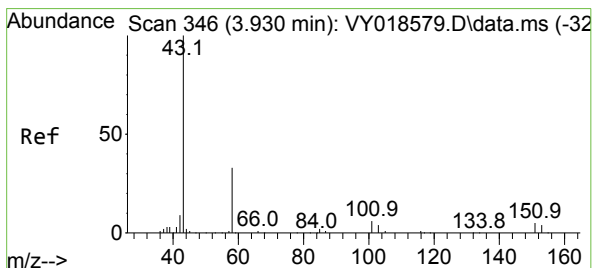
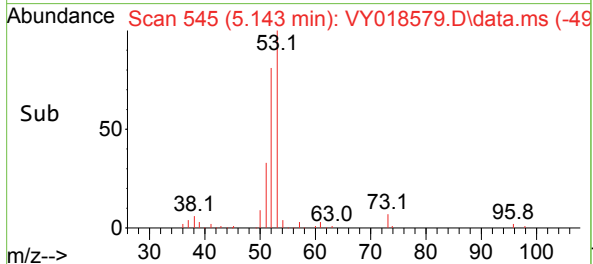
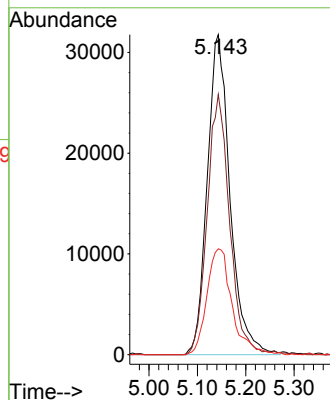
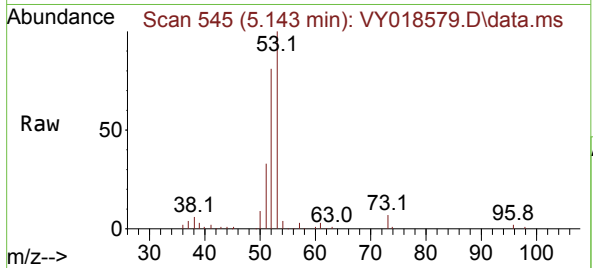
Tgt Ion: 53 Resp: 104027

Ion Ratio Lower Upper

53 100

52 79.7 64.7 97.1

51 36.5 28.4 42.6



#16

Acetone

Concen: 309.735 ug/l

RT: 3.930 min Scan# 346

Delta R.T. 0.000 min

Lab File: VY018579.D

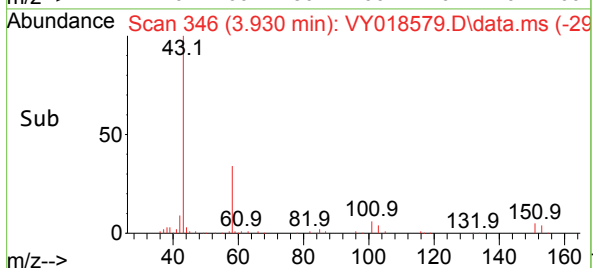
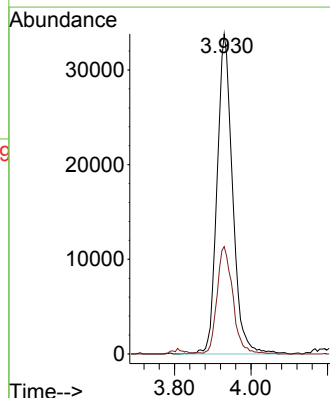
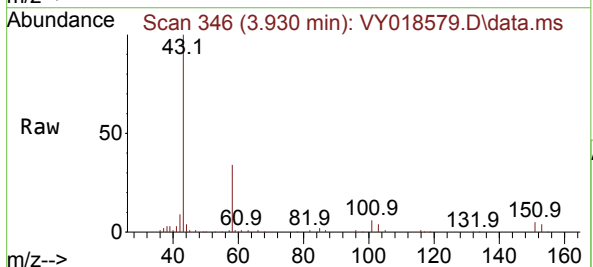
Acq: 13 Jun 2024 17:10

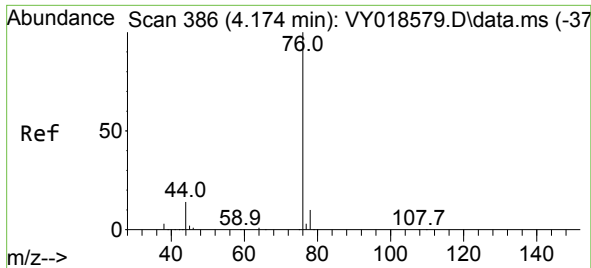
Tgt Ion: 43 Resp: 95040

Ion Ratio Lower Upper

43 100

58 33.6 31.7 47.5

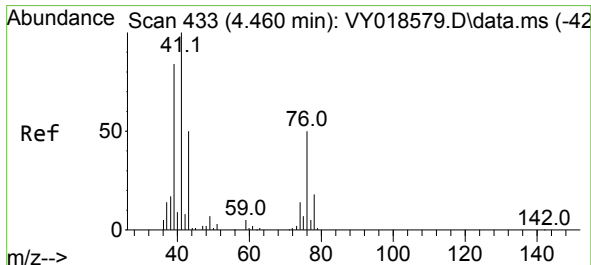
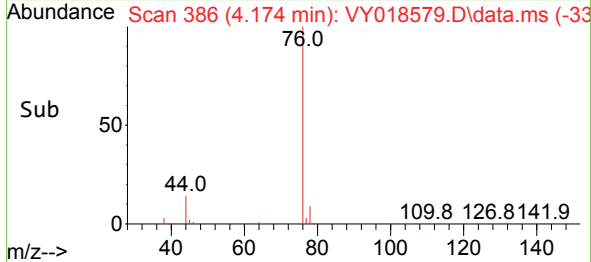
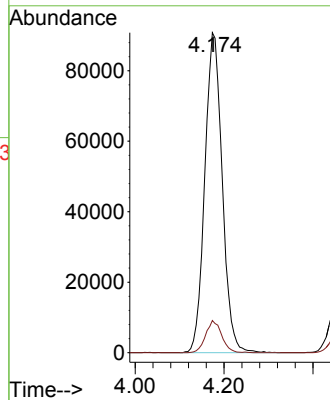
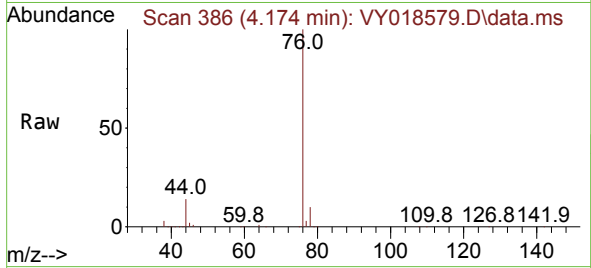




#17
Carbon Disulfide
Concen: 57.173 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

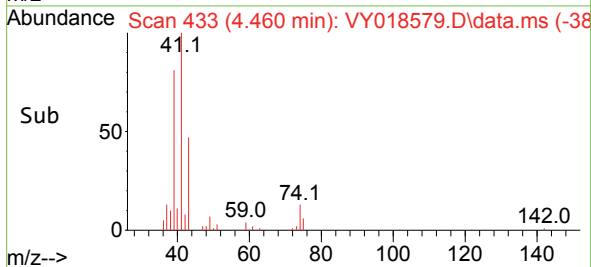
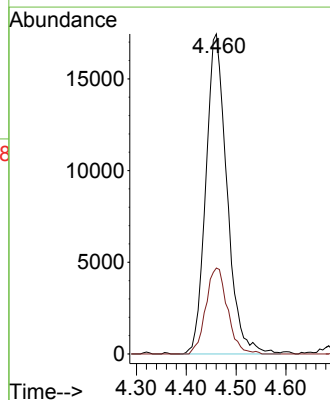
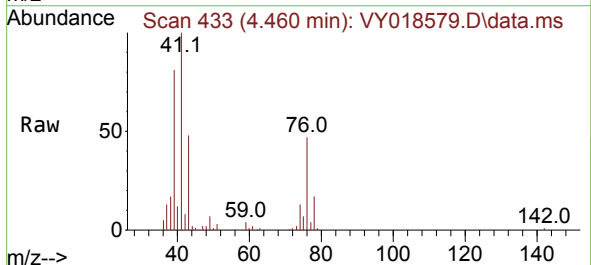
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

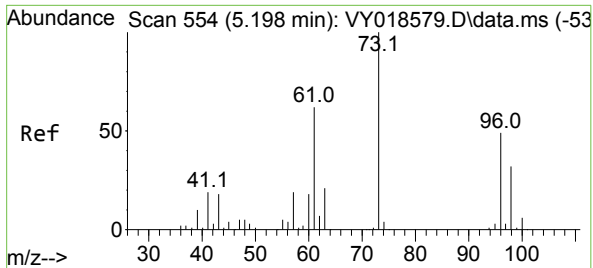
Tgt Ion: 76 Resp: 248156
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#18
Methyl Acetate
Concen: 65.926 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 43 Resp: 51310
Ion Ratio Lower Upper
43 100
74 27.6 23.3 34.9

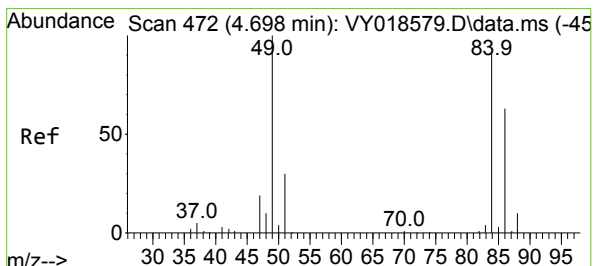
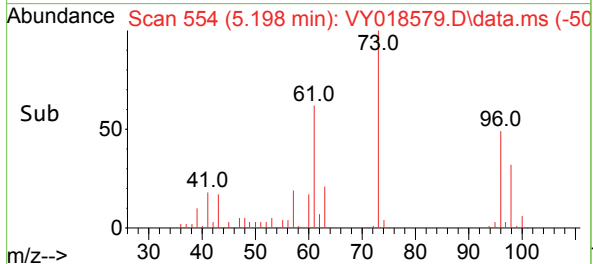
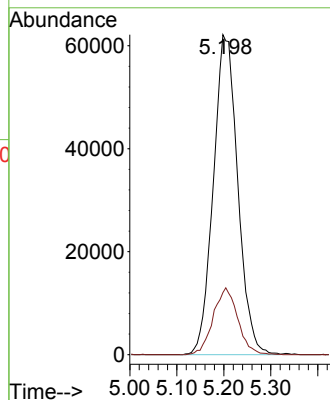
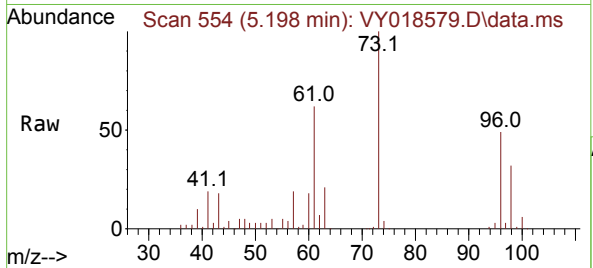




#19
Methyl tert-butyl Ether
Concen: 59.184 ug/l
RT: 5.198 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

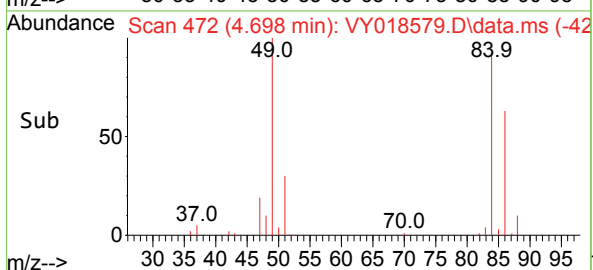
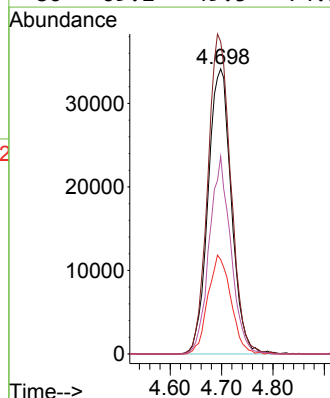
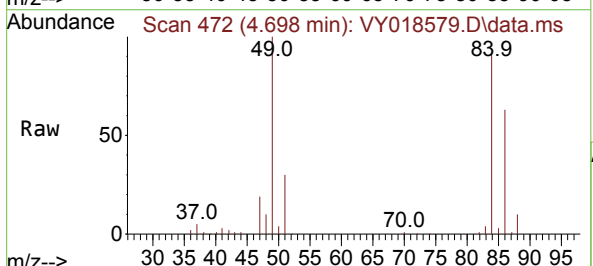
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

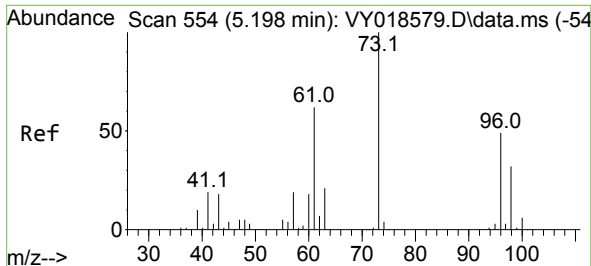
Tgt Ion: 73 Resp: 224639
Ion Ratio Lower Upper
73 100
57 19.4 17.3 25.9



#20
Methylene Chloride
Concen: 58.415 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 84 Resp: 107614
Ion Ratio Lower Upper
84 100
49 109.5 84.4 126.6
51 33.1 26.0 39.0
86 69.2 49.5 74.3

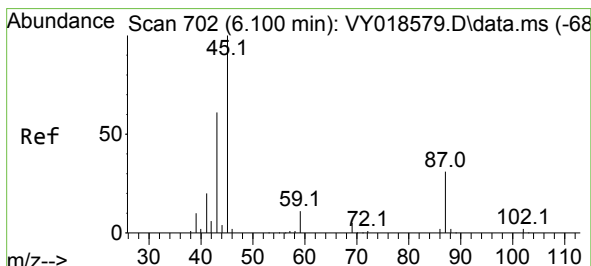
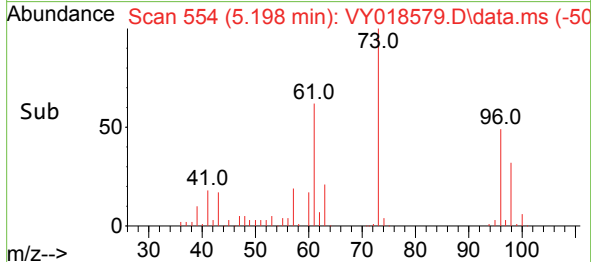
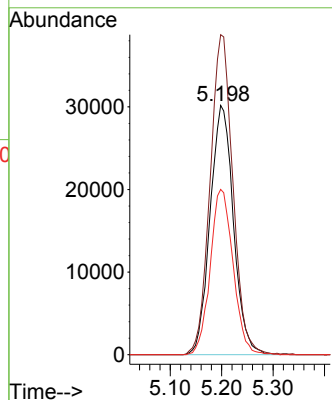
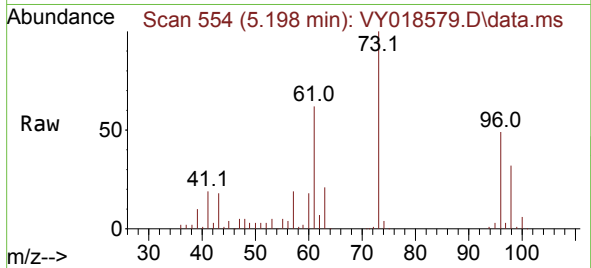




#21
trans-1,2-Dichloroethene
Concen: 58.791 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

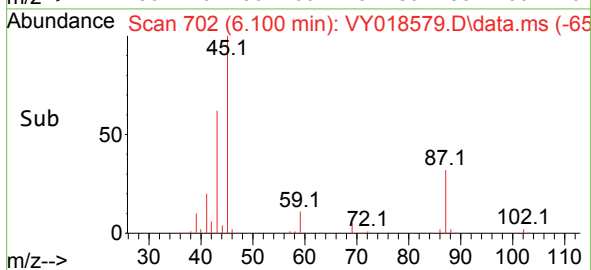
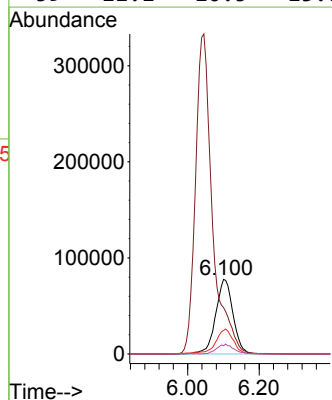
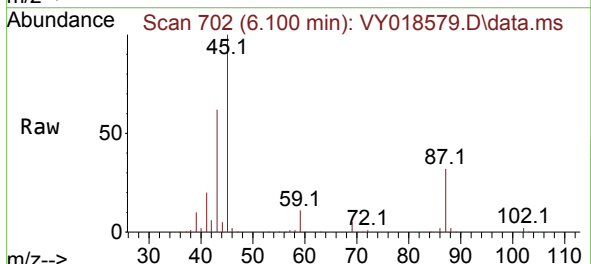
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

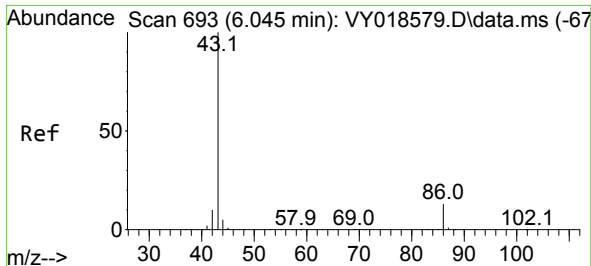
Tgt Ion: 96 Resp: 95228
Ion Ratio Lower Upper
96 100
61 128.4 97.5 146.3
98 66.3 50.5 75.7



#22
Diisopropyl ether
Concen: 60.377 ug/l
RT: 6.100 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 45 Resp: 261466
Ion Ratio Lower Upper
45 100
43 61.9 42.2 63.2
87 31.5 25.0 37.6
59 11.1 10.5 15.7

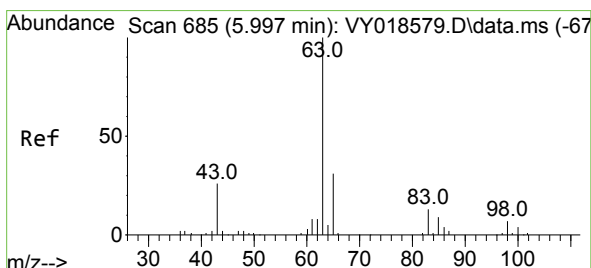
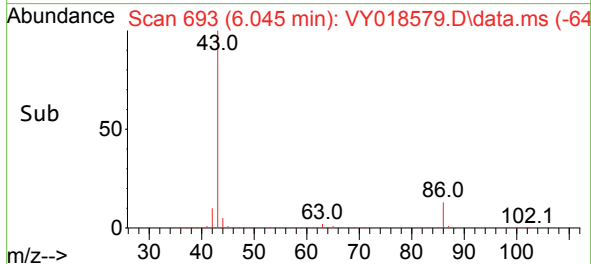
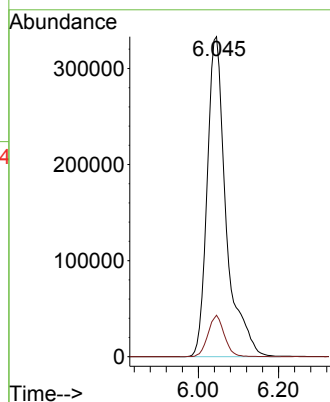
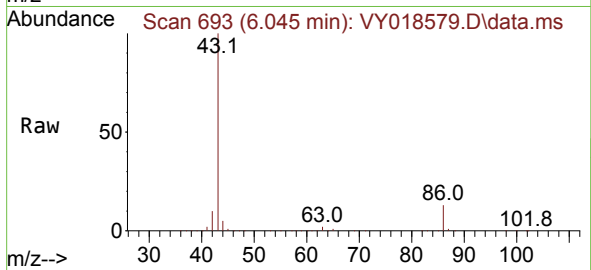




#23
 Vinyl Acetate
 Concen: 273.026 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018579.D
 Acq: 13 Jun 2024 17:10

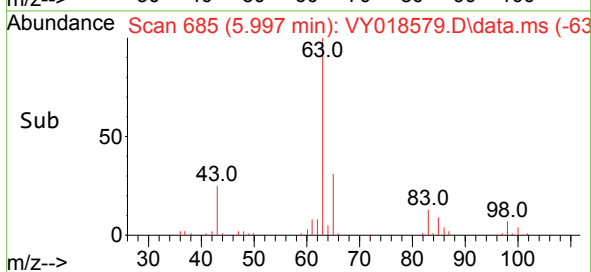
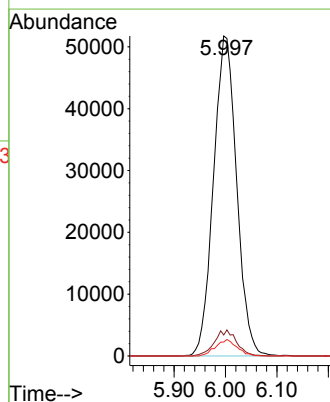
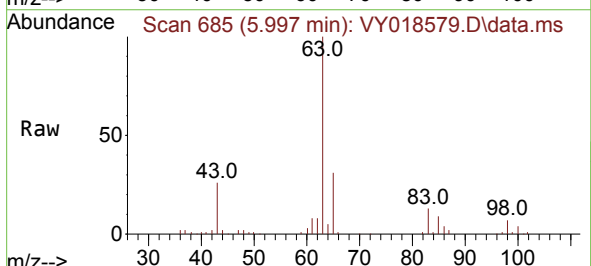
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

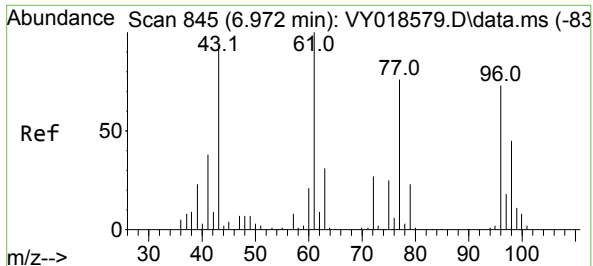
Tgt Ion: 43 Resp: 1090372
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 58.022 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: VY018579.D
 Acq: 13 Jun 2024 17:10

Tgt Ion: 63 Resp: 161877
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 4.4 2.6 8.0





#25

2-Butanone

Concen: 311.488 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

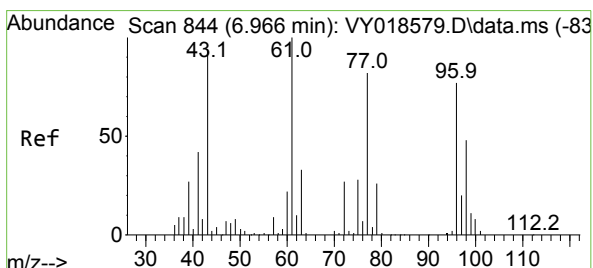
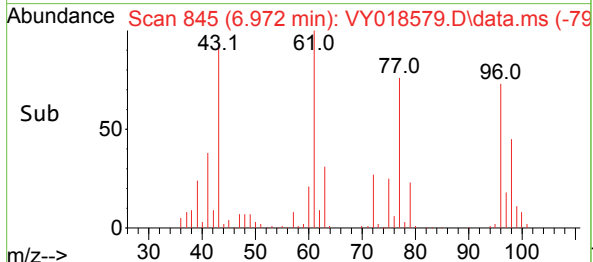
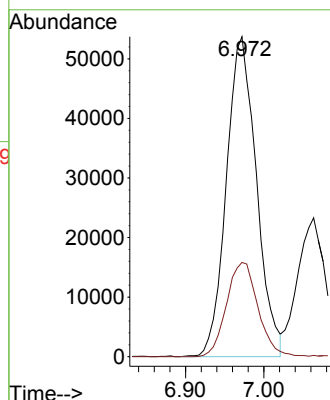
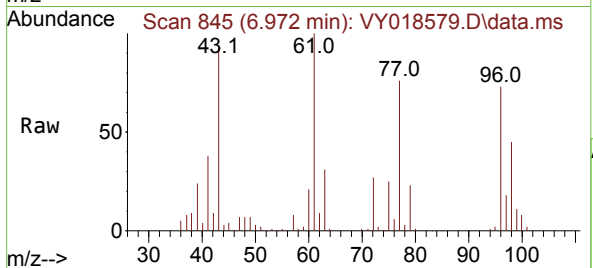
VSTDICCC050

Tgt Ion: 43 Resp: 143267

Ion Ratio Lower Upper

43 100

72 29.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 56.635 ug/l

RT: 6.966 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY018579.D

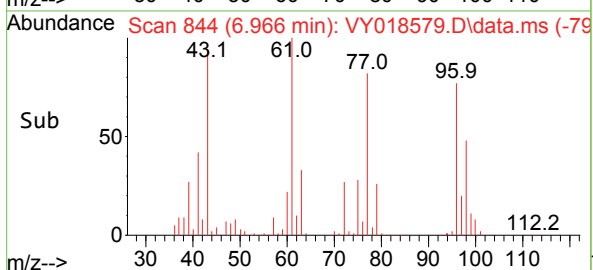
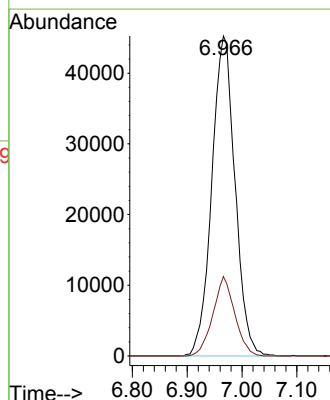
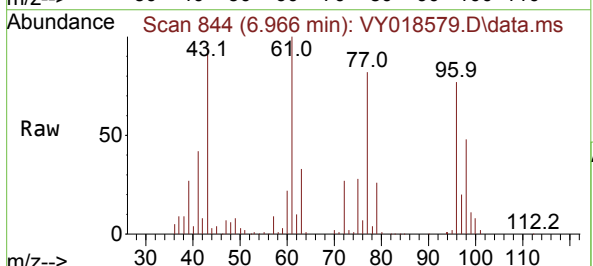
Acq: 13 Jun 2024 17:10

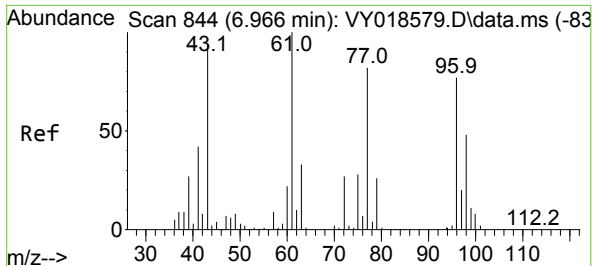
Tgt Ion: 77 Resp: 133123

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 58.363 ug/l

RT: 6.966 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

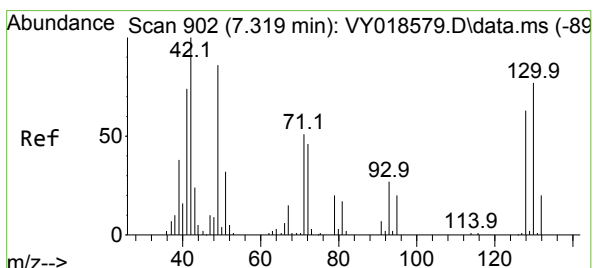
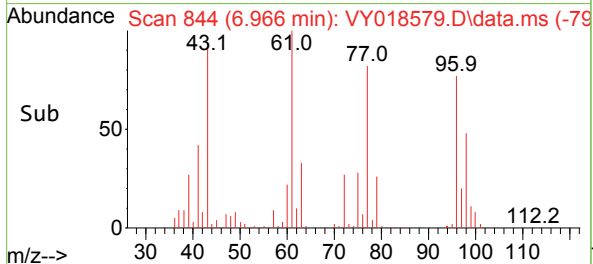
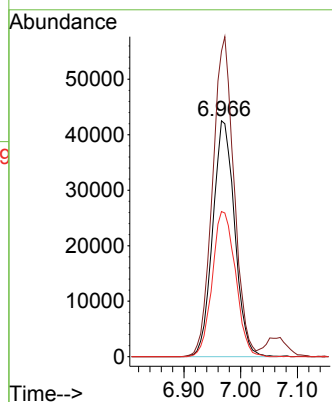
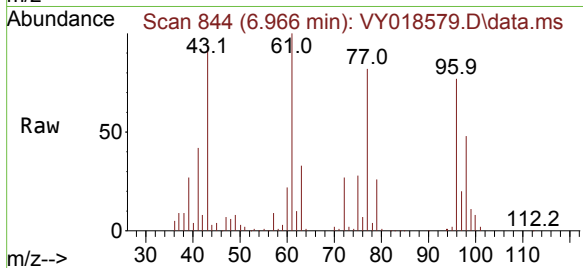
Tgt Ion: 96 Resp: 114186

Ion Ratio Lower Upper

96 100

61 132.8 0.0 256.2

98 65.1 0.0 130.0



#28

Bromochloromethane

Concen: 41.245 ug/l

RT: 7.319 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

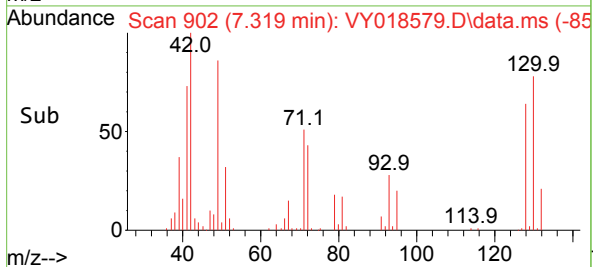
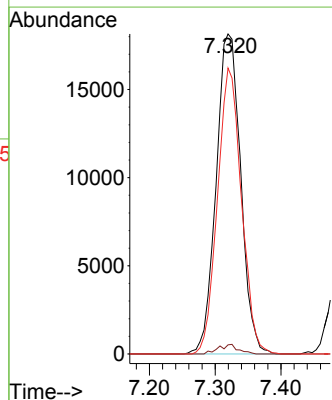
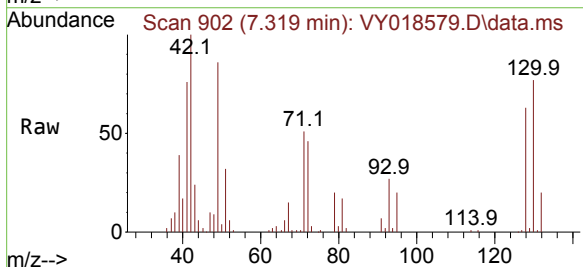
Tgt Ion: 49 Resp: 47164

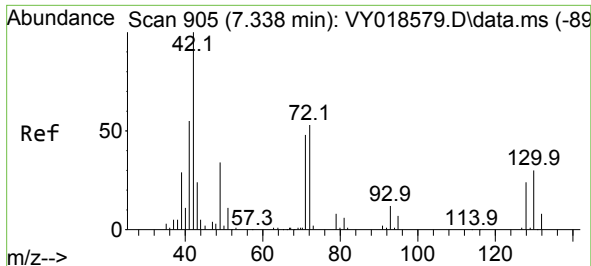
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 87.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 310.825 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

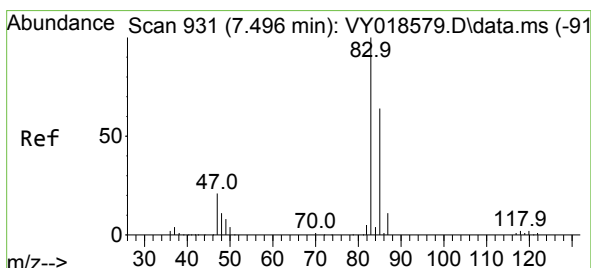
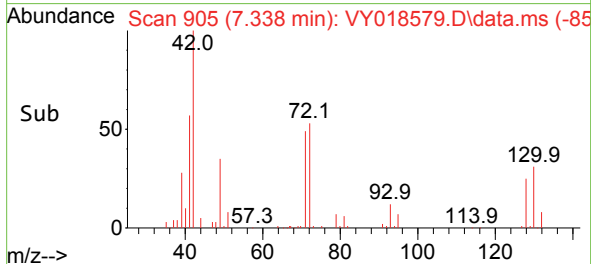
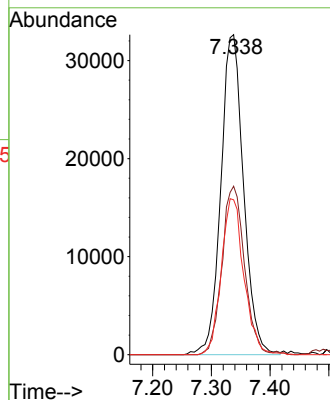
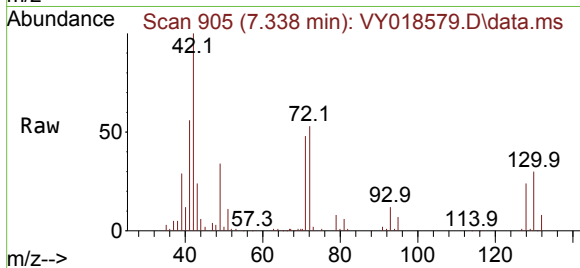
Tgt Ion: 42 Resp: 87733

Ion Ratio Lower Upper

42 100

72 52.2 43.0 64.4

71 48.6 40.8 61.2



#30

Chloroform

Concen: 57.939 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018579.D

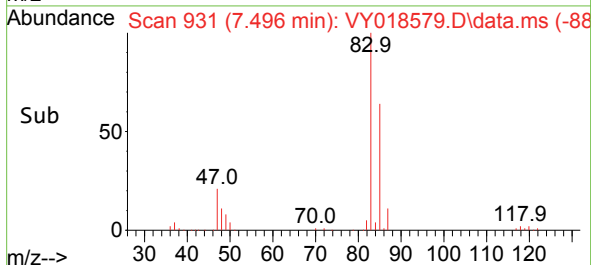
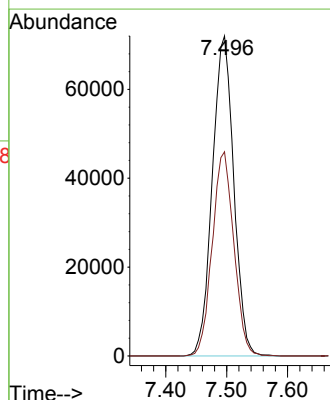
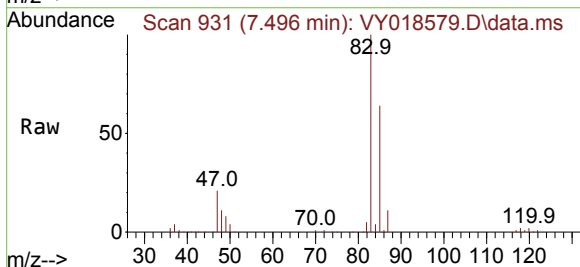
Acq: 13 Jun 2024 17:10

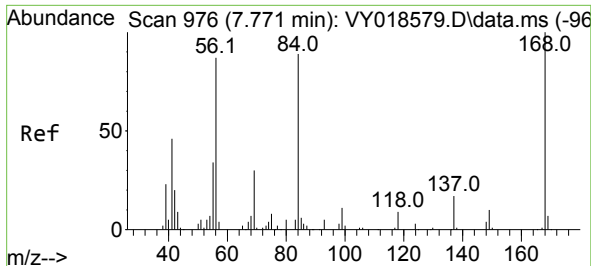
Tgt Ion: 83 Resp: 176164

Ion Ratio Lower Upper

83 100

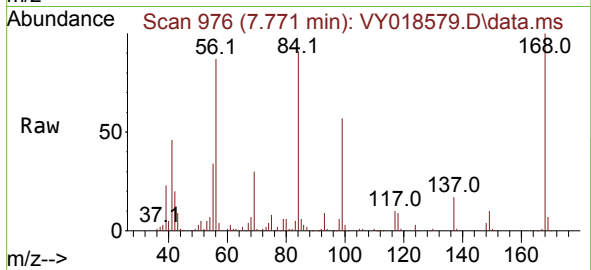
85 63.8 52.2 78.4



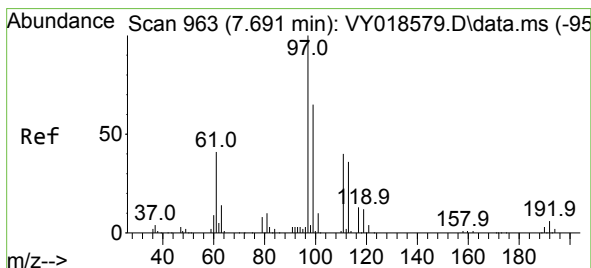
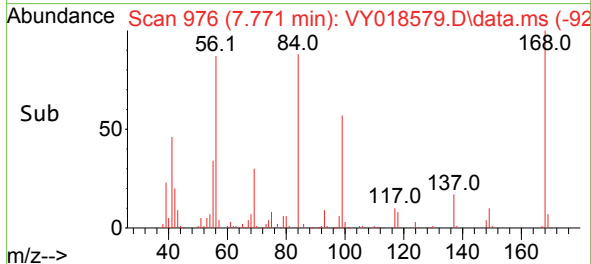
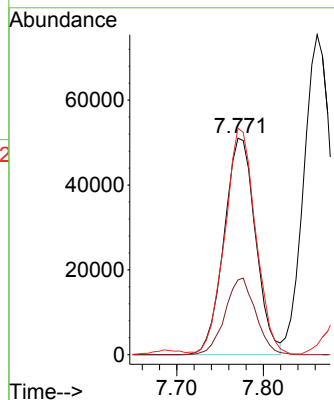


#31
Cyclohexane
Concen: 56.016 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

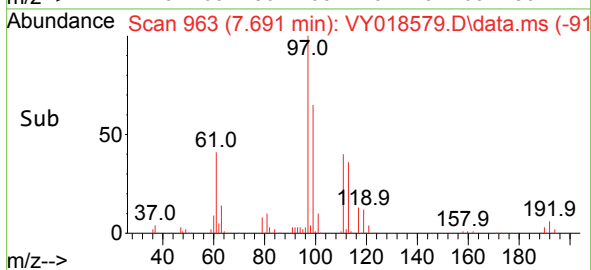
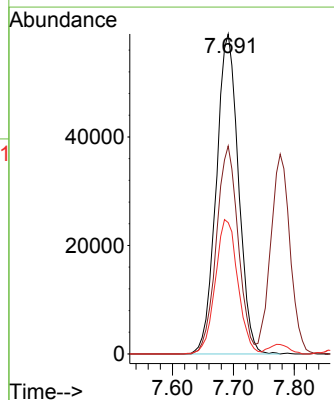
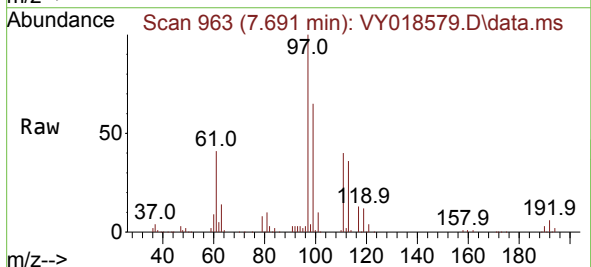


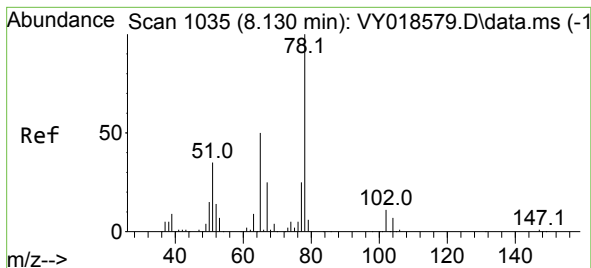
Tgt Ion: 56 Resp: 129410
Ion Ratio Lower Upper
56 100
69 34.5 28.7 43.1
84 102.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 57.679 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 97 Resp: 148987
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 42.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.454 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

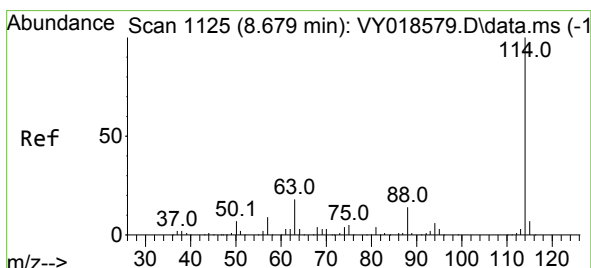
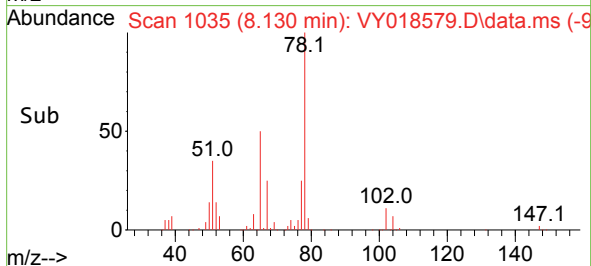
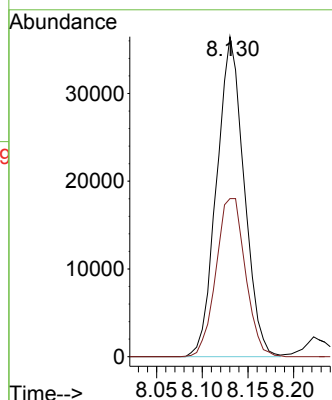
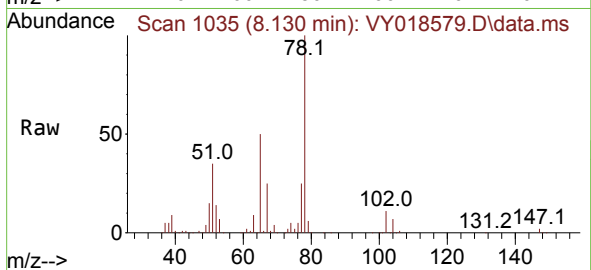
VSTDICCC050

Tgt Ion: 65 Resp: 76094

Ion Ratio Lower Upper

65 100

67 53.1 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: VY018579.D

Acq: 13 Jun 2024 17:10

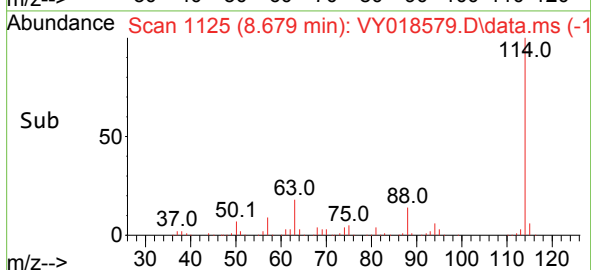
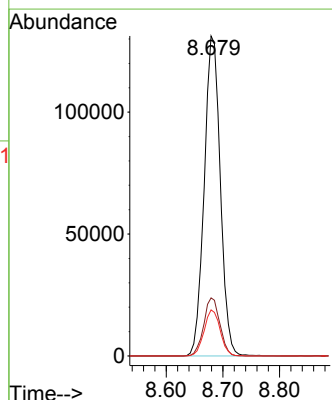
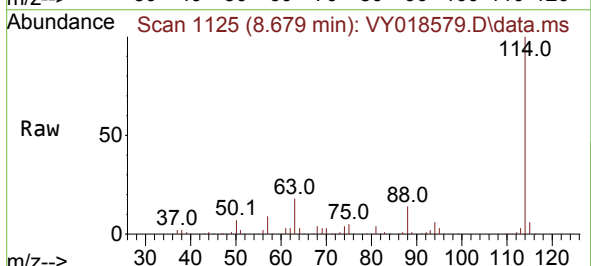
Tgt Ion: 114 Resp: 258920

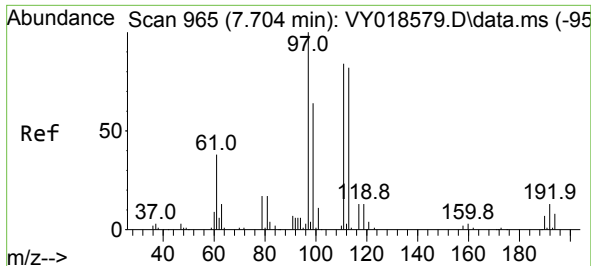
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 14.4 0.0 27.2

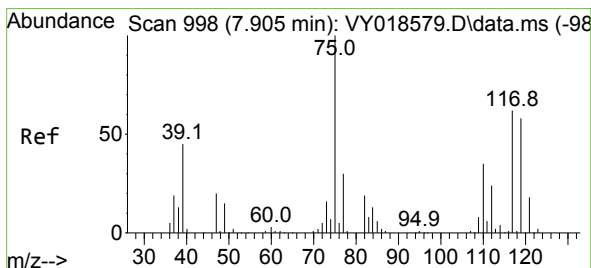
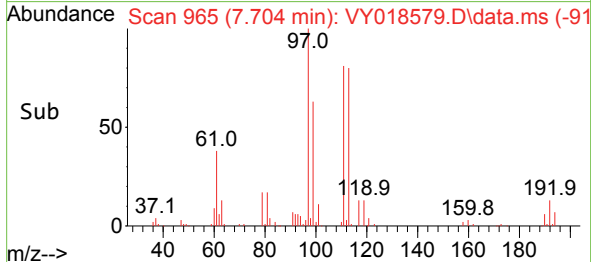
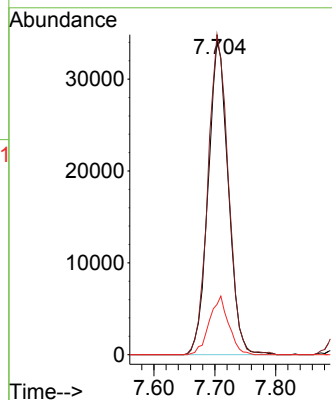
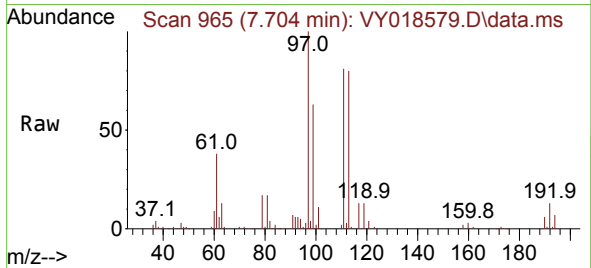




#35
Dibromofluoromethane
Concen: 49.547 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

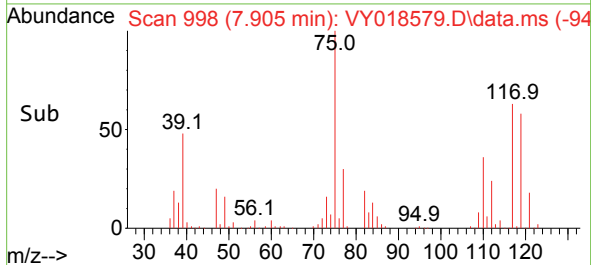
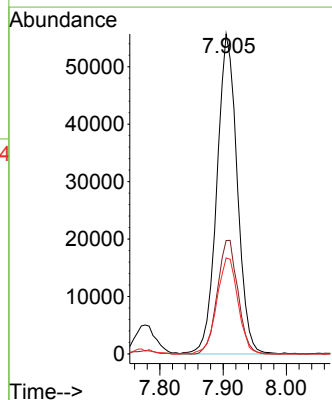
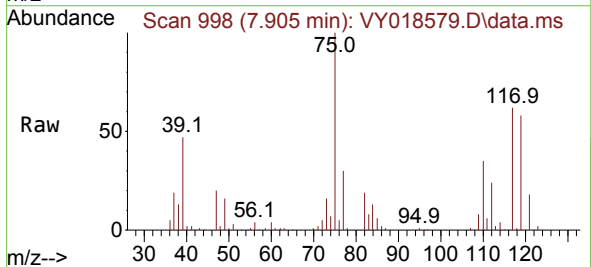
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

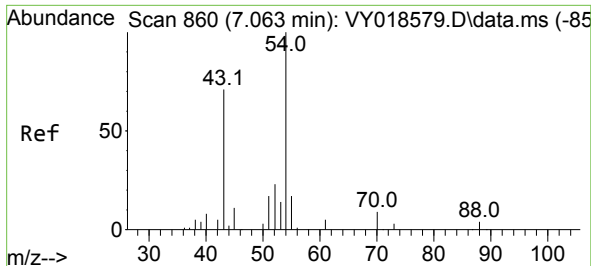
Tgt Ion:113 Resp: 78257
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 18.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 57.047 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 75 Resp: 124024
Ion Ratio Lower Upper
75 100
110 36.0 19.0 57.0
77 31.4 25.3 37.9





#37

Ethyl Acetate

Concen: 59.774 ug/l

RT: 7.063 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

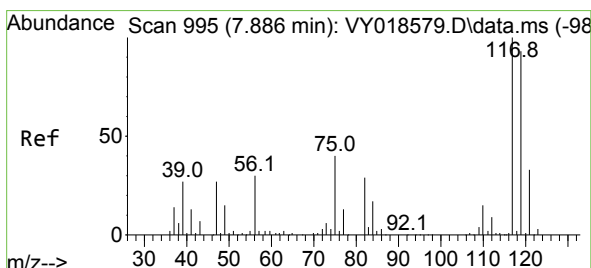
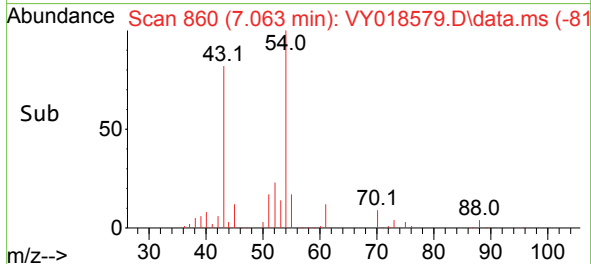
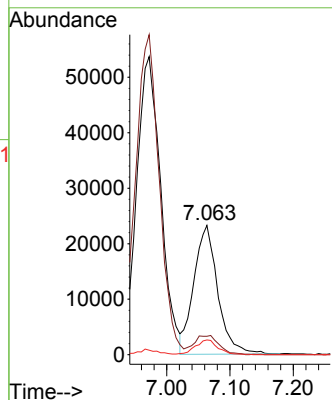
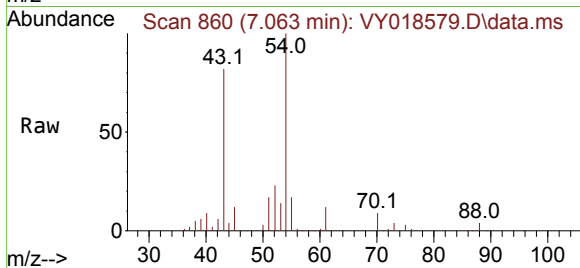
Tgt Ion: 43 Resp: 61260

Ion Ratio Lower Upper

43 100

61 15.7 12.6 19.0

70 10.9 7.8 11.8



#38

Carbon Tetrachloride

Concen: 56.851 ug/l

RT: 7.886 min Scan# 995

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

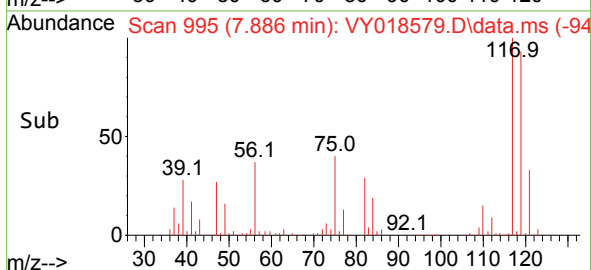
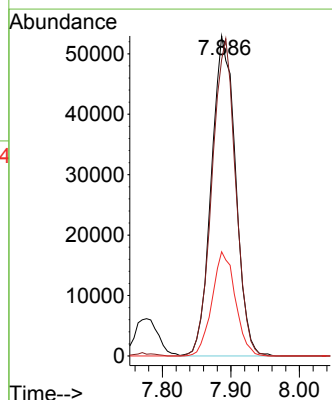
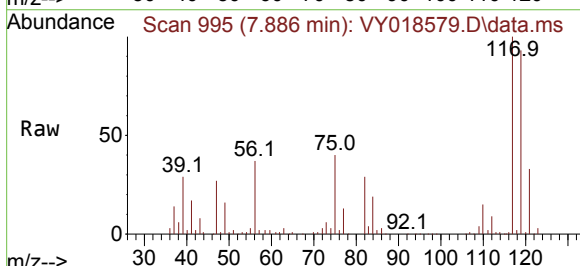
Tgt Ion: 117 Resp: 129669

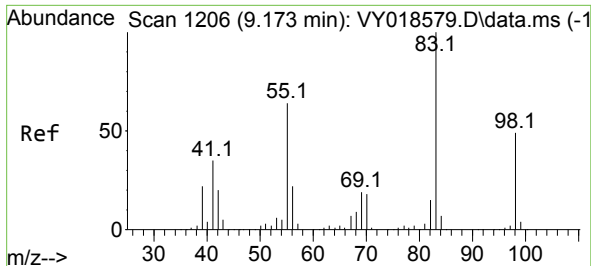
Ion Ratio Lower Upper

117 100

119 92.6 75.8 113.6

121 32.5 24.0 36.0





#39

Methylcyclohexane

Concen: 59.577 ug/l

RT: 9.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

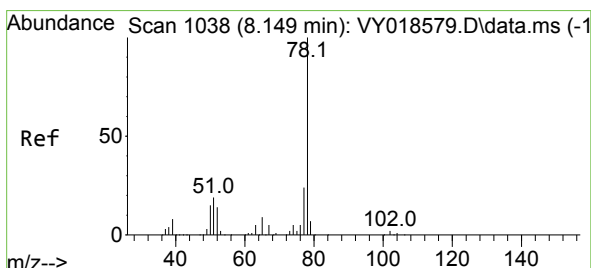
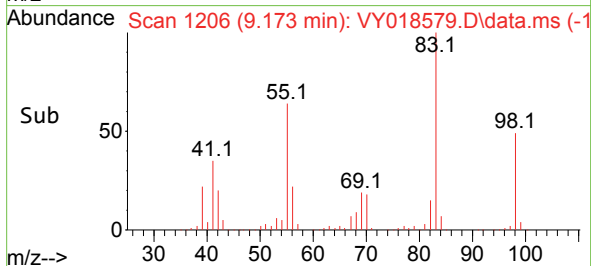
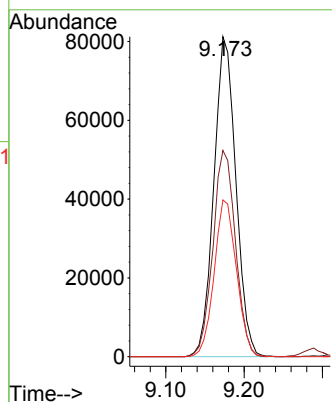
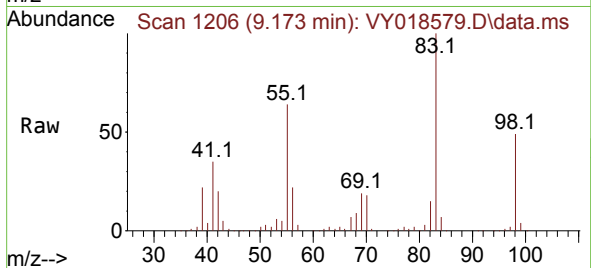
Tgt Ion: 83 Resp: 158704

Ion Ratio Lower Upper

83 100

55 64.4 51.5 77.3

98 49.0 40.5 60.7



#40

Benzene

Concen: 58.440 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY018579.D

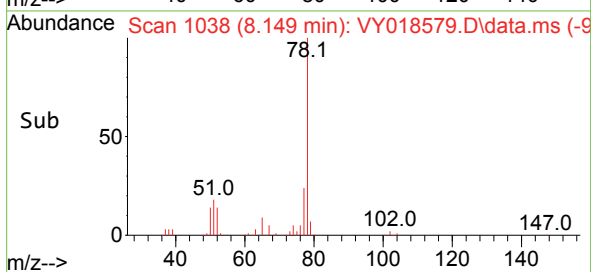
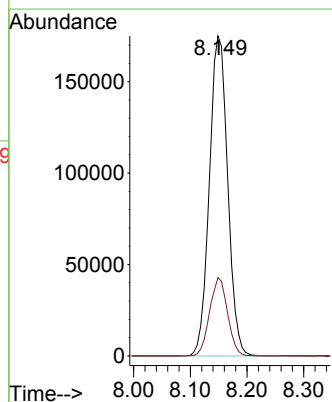
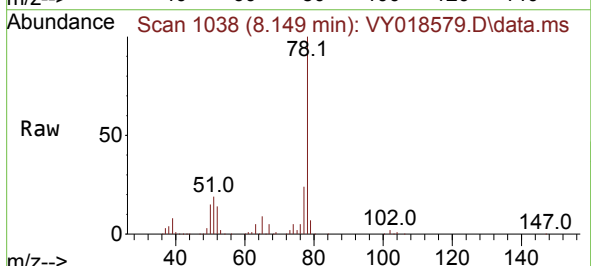
Acq: 13 Jun 2024 17:10

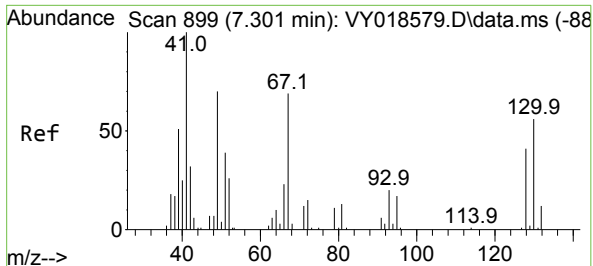
Tgt Ion: 78 Resp: 392934

Ion Ratio Lower Upper

78 100

77 24.5 19.5 29.3

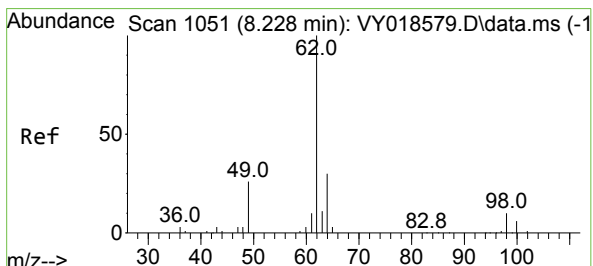
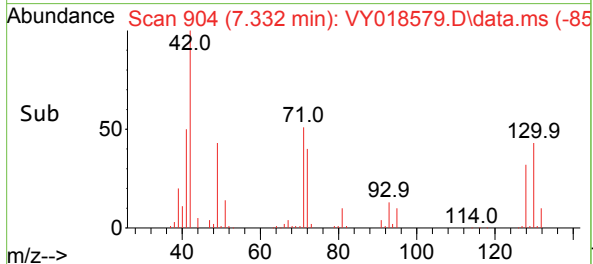
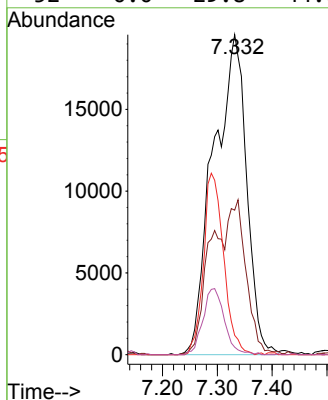
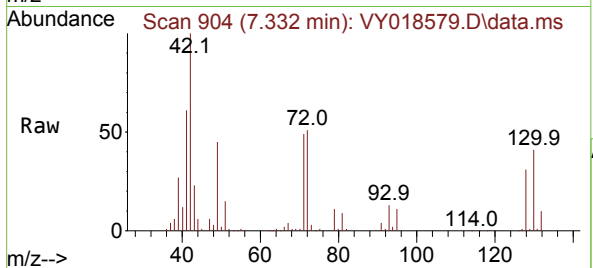




#41
Methacrylonitrile
Concen: 165.887 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

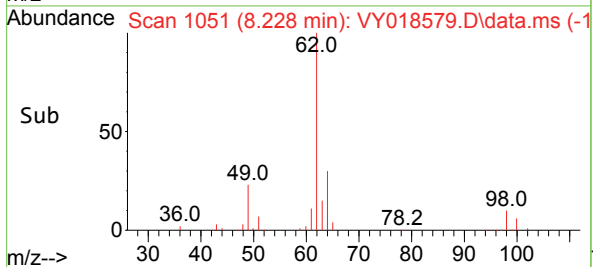
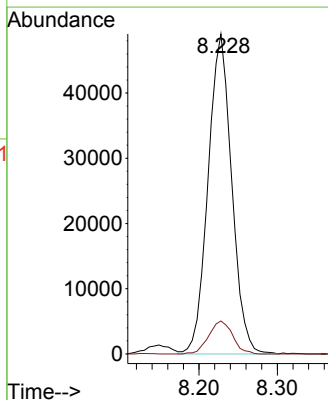
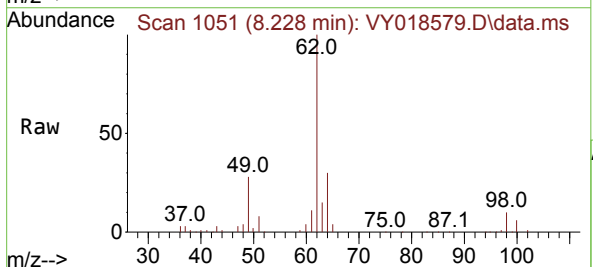
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

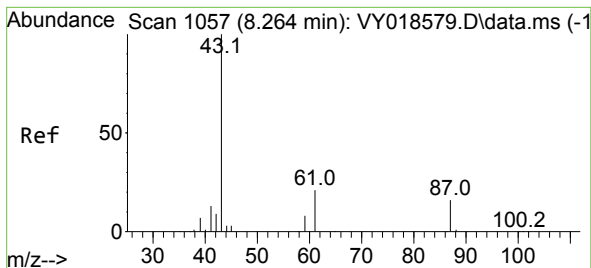
Tgt Ion: 41 Resp: 81803
Ion Ratio Lower Upper
41 100
39 26.4 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 58.603 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 62 Resp: 102797
Ion Ratio Lower Upper
62 100
98 10.4 0.0 22.0





#43

Isopropyl Acetate

Concen: 60.832 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

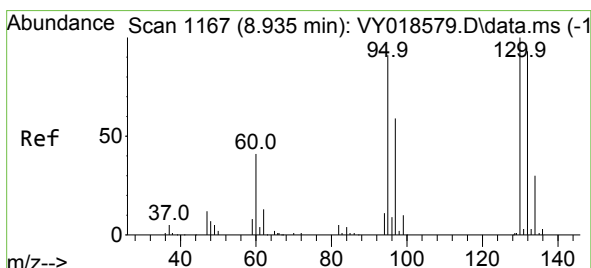
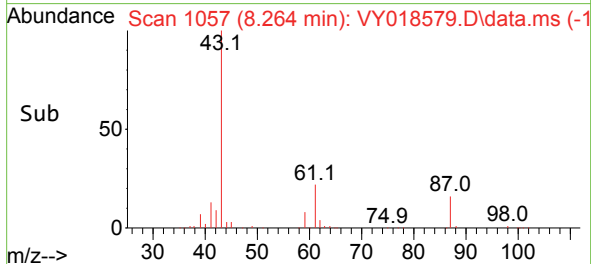
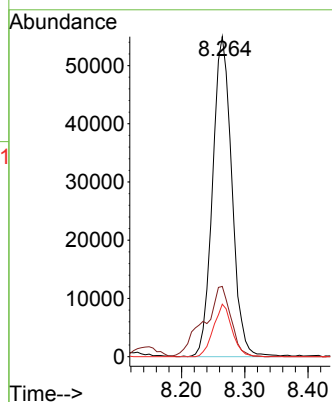
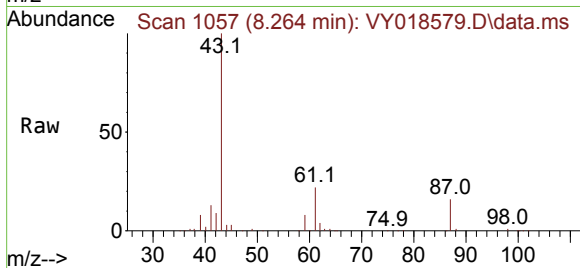
Tgt Ion: 43 Resp: 116364

Ion Ratio Lower Upper

43 100

61 30.5 27.9 41.9

87 15.8 13.1 19.7



#44

Trichloroethene

Concen: 57.901 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018579.D

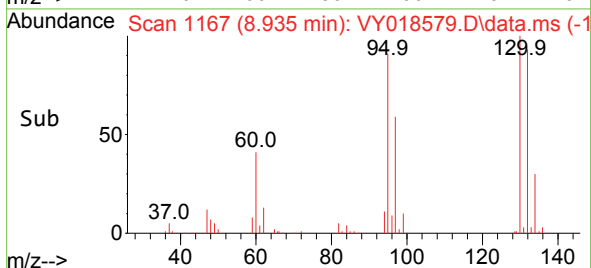
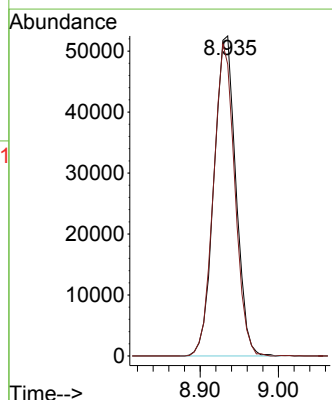
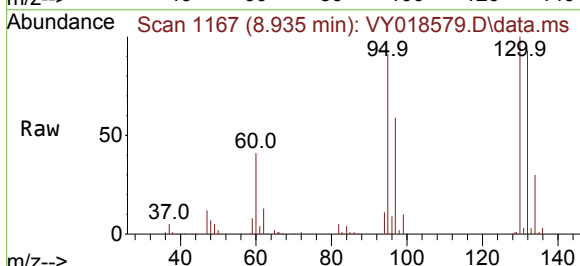
Acq: 13 Jun 2024 17:10

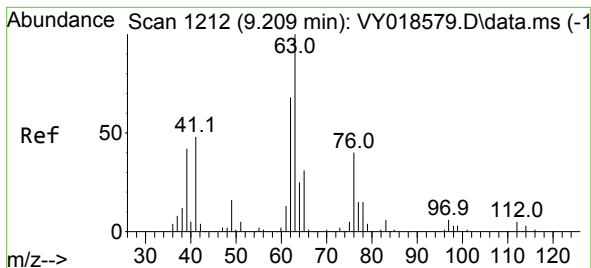
Tgt Ion:130 Resp: 101925

Ion Ratio Lower Upper

130 100

95 91.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 57.888 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

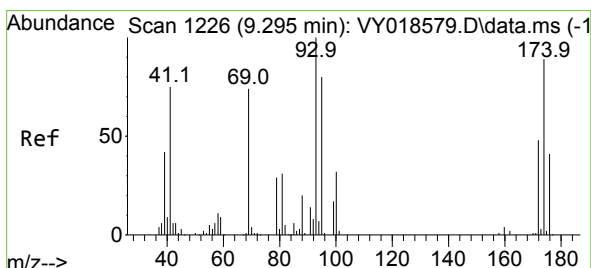
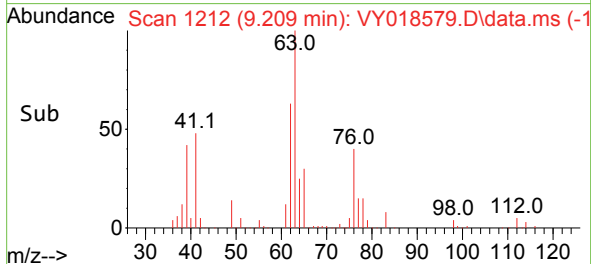
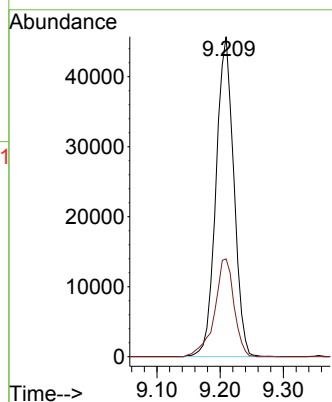
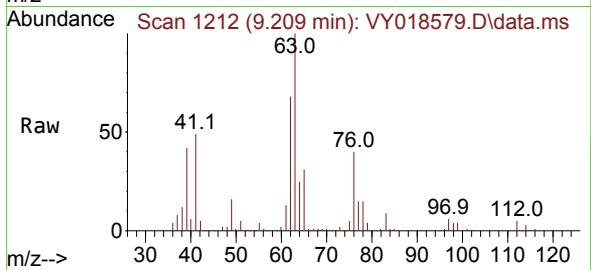
VSTDICCC050

Tgt Ion: 63 Resp: 88999

Ion Ratio Lower Upper

63 100

65 30.5 25.4 38.2



#46

Dibromomethane

Concen: 59.043 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

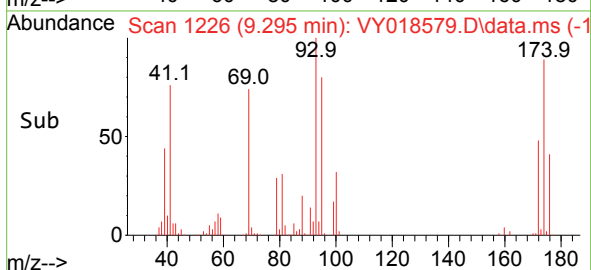
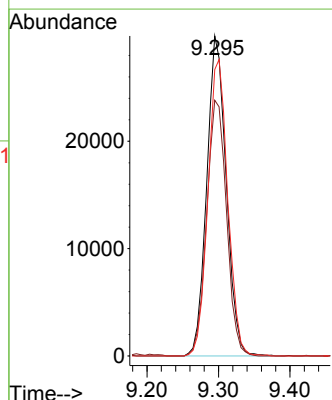
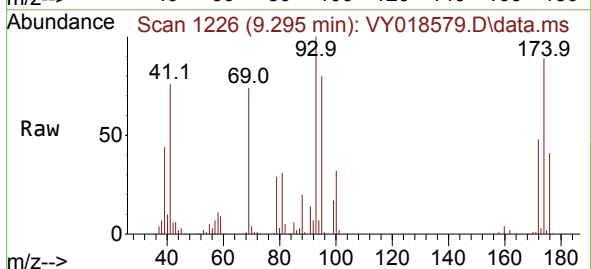
Tgt Ion: 93 Resp: 56324

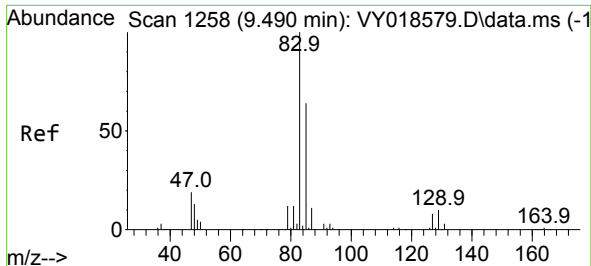
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.4

174 94.3 80.9 121.3

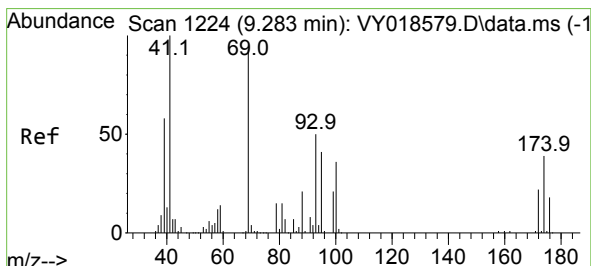
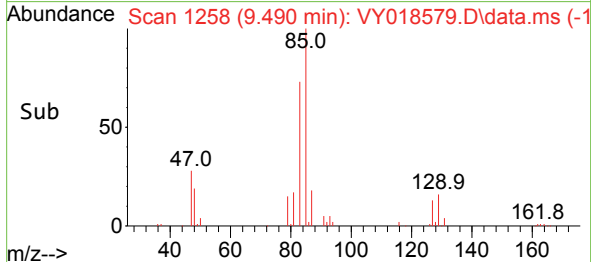
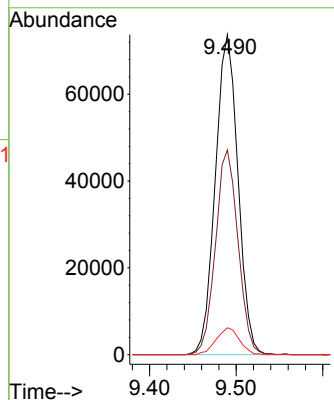
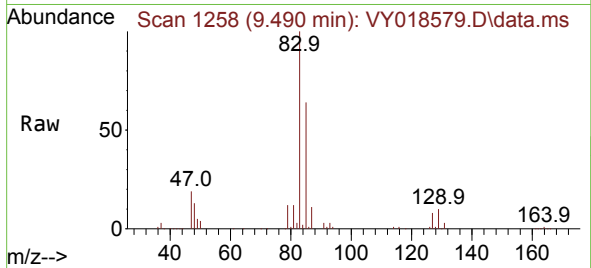




#47
Bromodichloromethane
Concen: 58.912 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

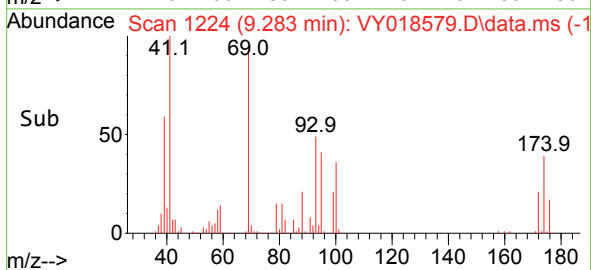
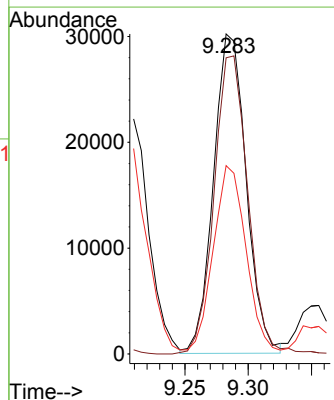
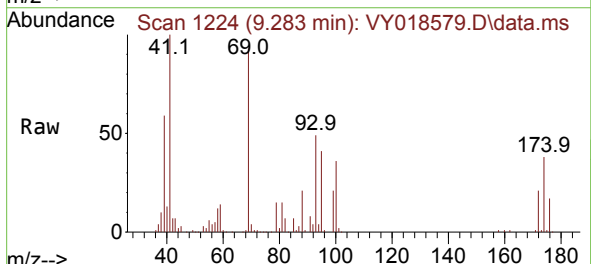
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

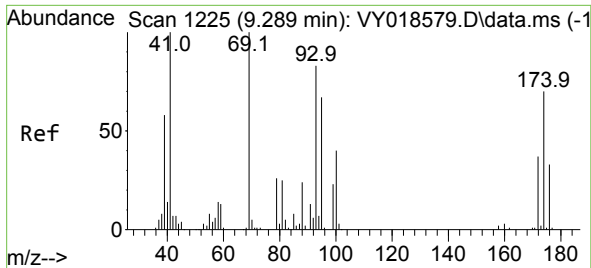
Tgt Ion: 83 Resp: 134132
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 62.974 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 41 Resp: 54230
Ion Ratio Lower Upper
41 100
69 96.3 84.1 126.1
39 59.4 43.6 65.4

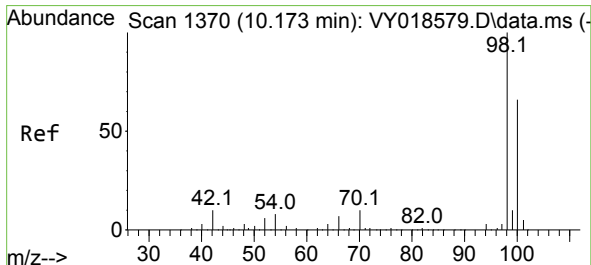
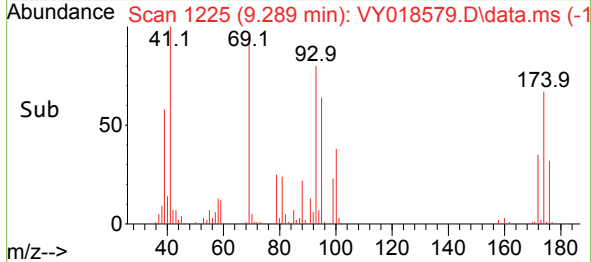
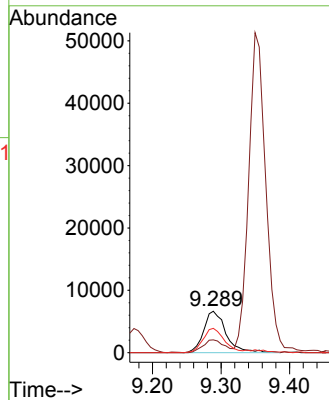
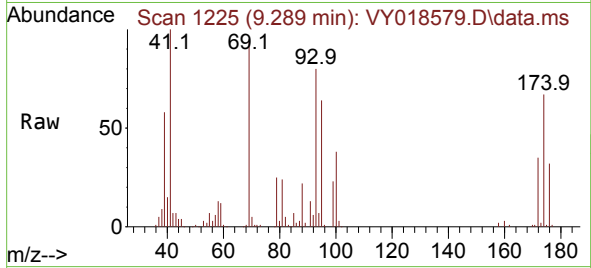




#49
1,4-Dioxane
Concen: 1204.430 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

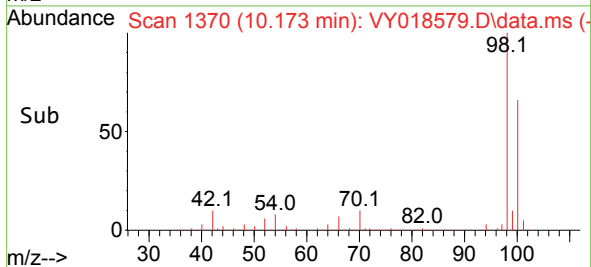
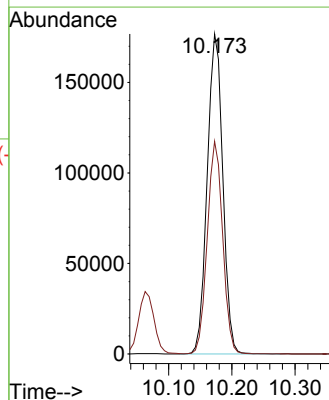
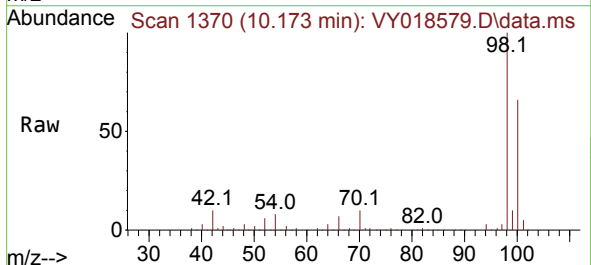
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

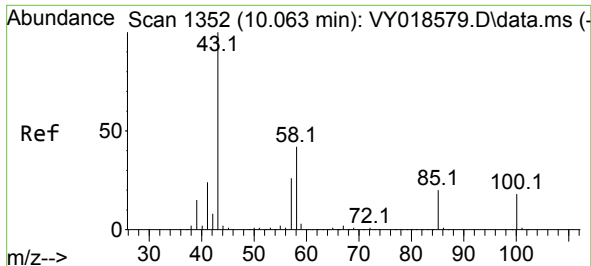
Tgt Ion: 88 Resp: 15111
Ion Ratio Lower Upper
88 100
43 30.1 0.0 0.0#
58 55.9 49.3 73.9



#50
Toluene-d8
Concen: 49.910 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 98 Resp: 303152
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

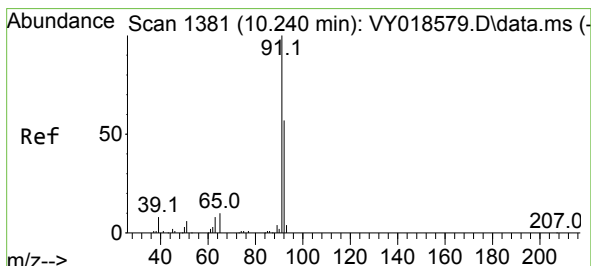
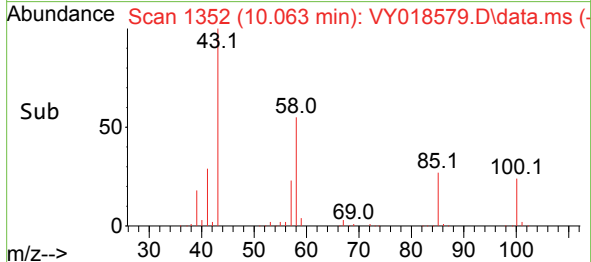
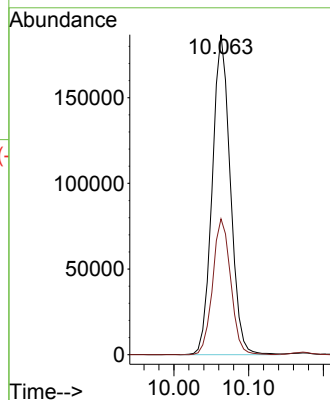
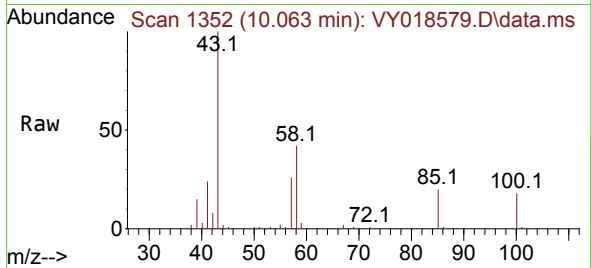




#51
4-Methyl-2-Pentanone
Concen: 311.199 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

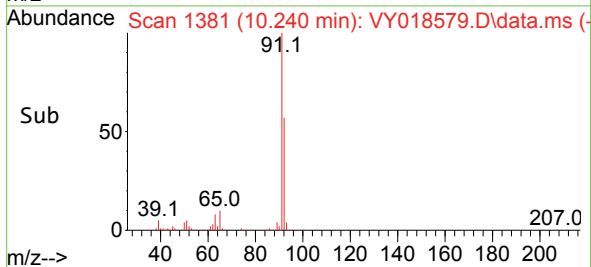
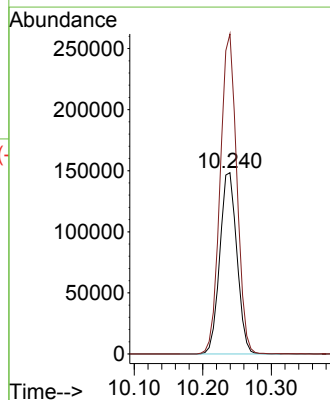
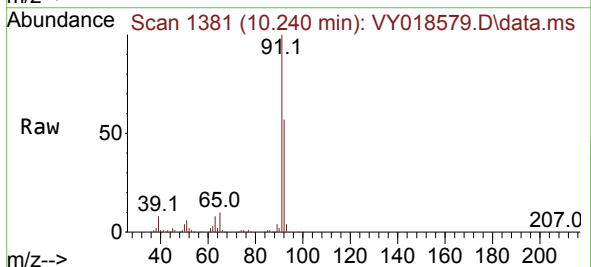
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

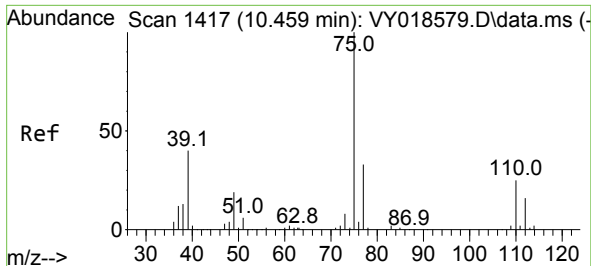
Tgt Ion: 43 Resp: 313558
Ion Ratio Lower Upper
43 100
58 42.4 35.7 53.5



#52
Toluene
Concen: 59.332 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 92 Resp: 256129
Ion Ratio Lower Upper
92 100
91 172.2 139.0 208.6

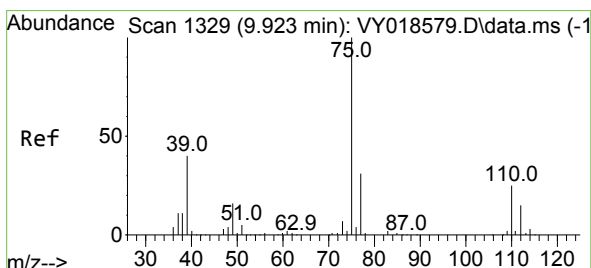
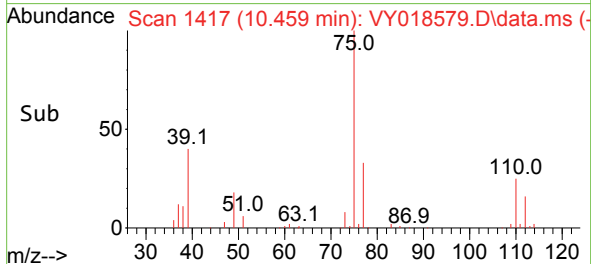
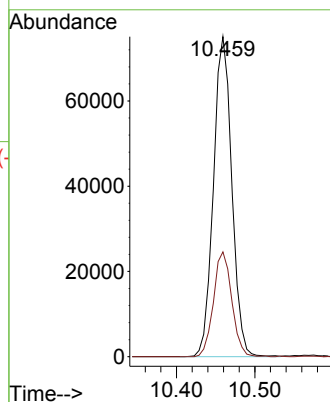
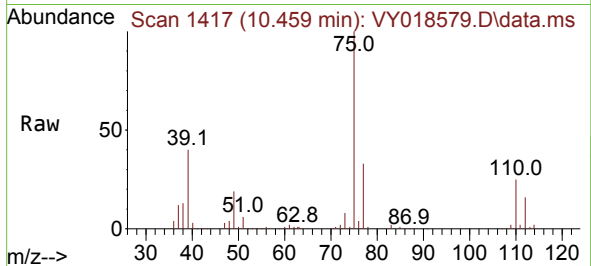




#53
 t-1,3-Dichloropropene
 Concen: 61.524 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018579.D
 Acq: 13 Jun 2024 17:10

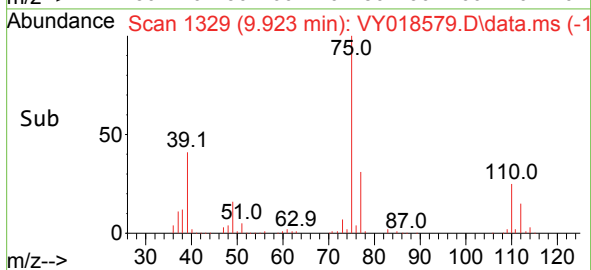
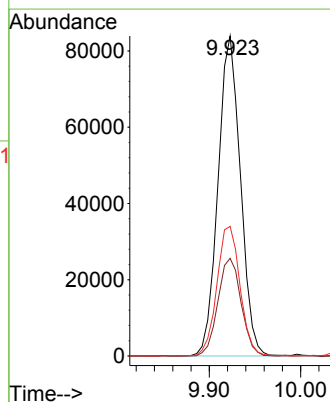
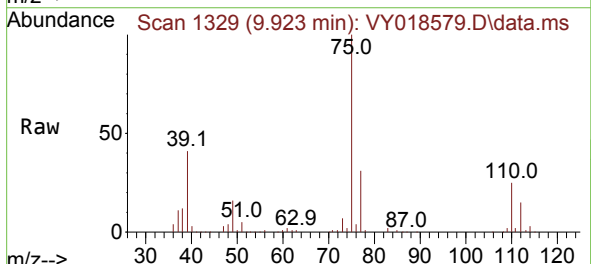
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

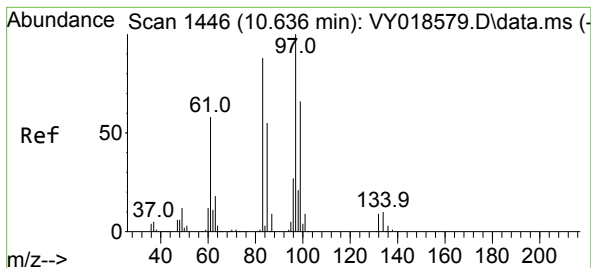
Tgt Ion: 75 Resp: 122414
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 59.621 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018579.D
 Acq: 13 Jun 2024 17:10

Tgt Ion: 75 Resp: 143158
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0
 39 40.4 29.8 44.6

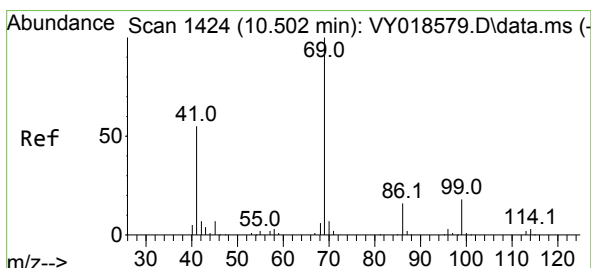
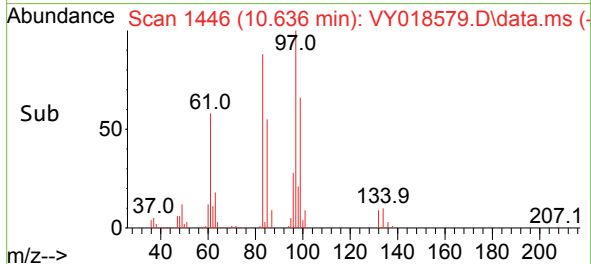
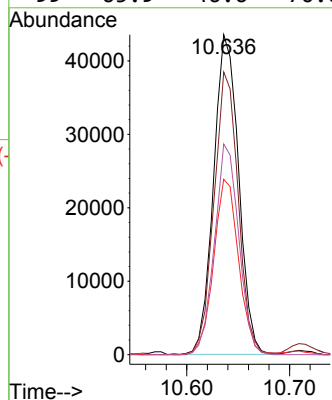
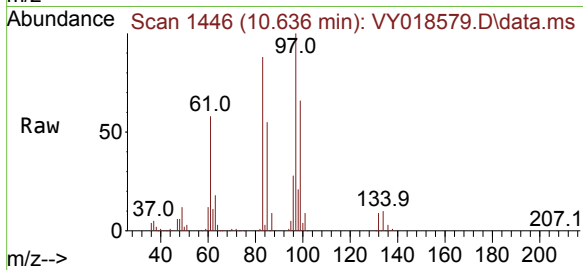




#55
1,1,2-Trichloroethane
Concen: 57.954 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

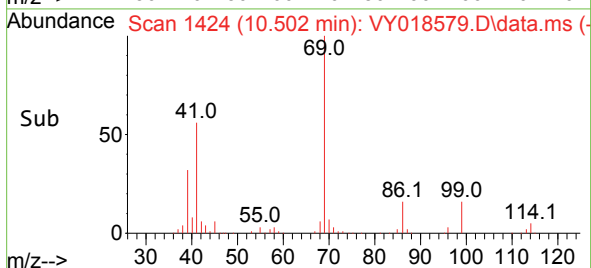
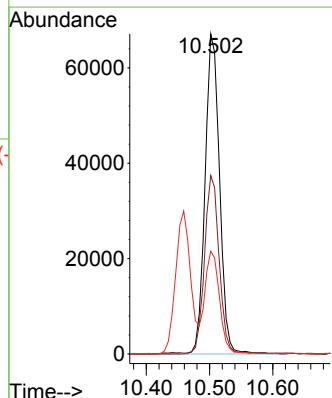
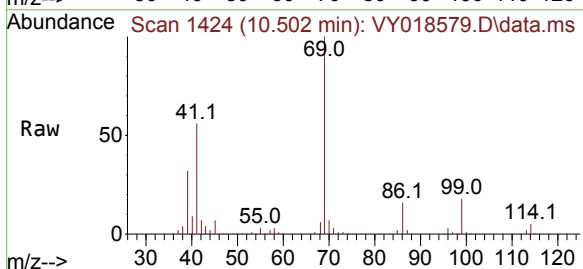
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

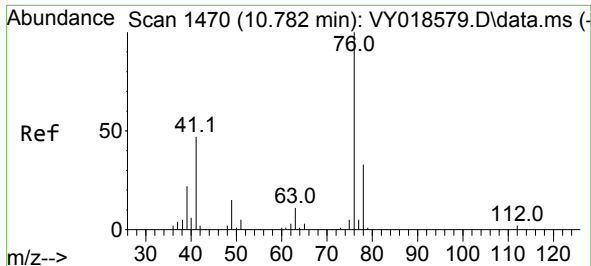
Tgt Ion:	97	Resp:	73534
Ion	Ratio	Lower	Upper
97	100		
83	88.4	67.5	101.3
85	54.8	42.9	64.3
99	65.9	46.6	70.0



#56
Ethyl methacrylate
Concen: 64.480 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion:	69	Resp:	107060
Ion	Ratio	Lower	Upper
69	100		
41	56.1	42.3	63.5
39	31.8	22.9	34.3





#57

1,3-Dichloropropane

Concen: 59.430 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

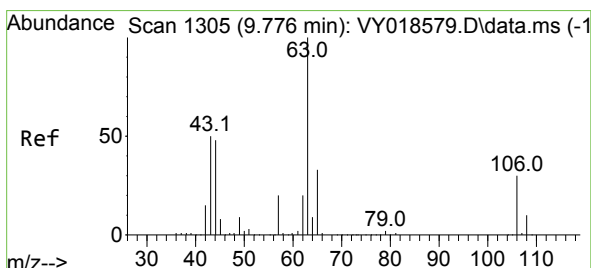
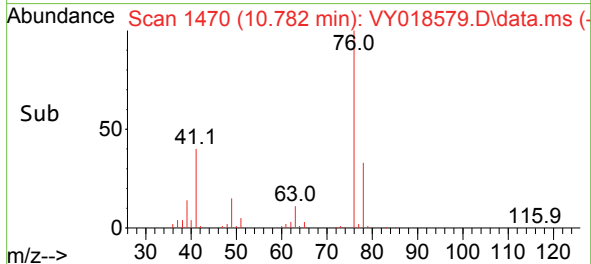
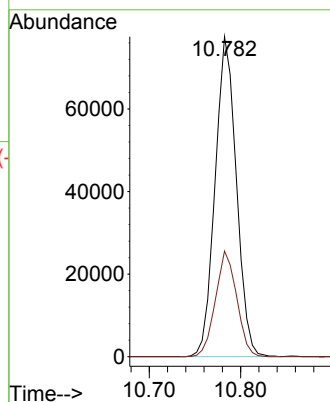
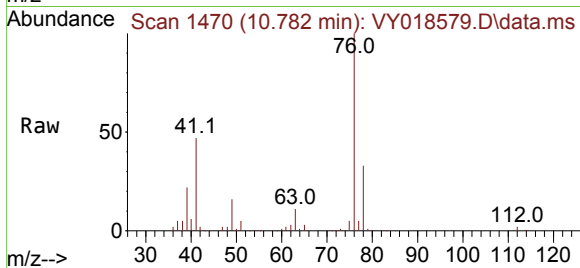
VSTDICCC050

Tgt Ion: 76 Resp: 125261

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 273.181 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018579.D

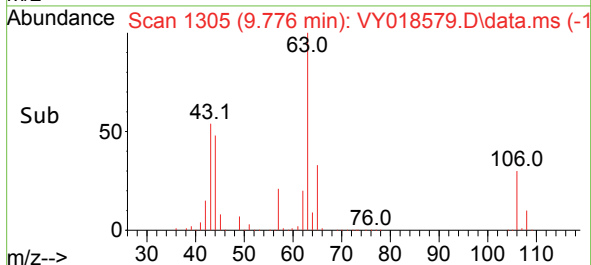
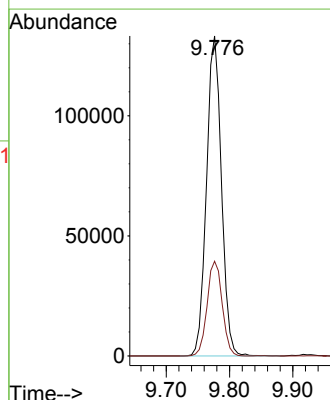
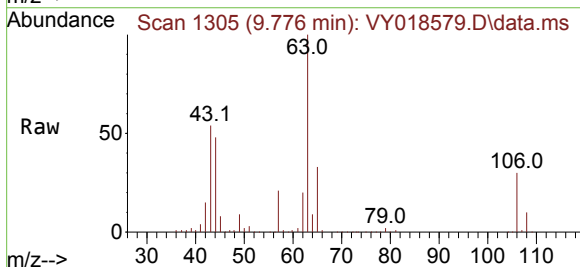
Acq: 13 Jun 2024 17:10

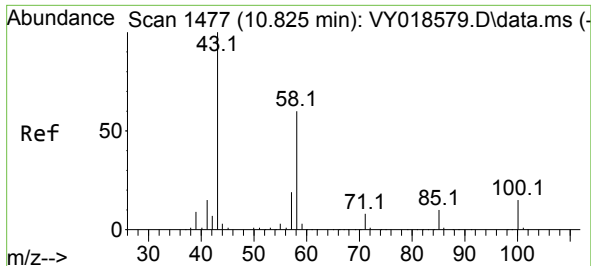
Tgt Ion: 63 Resp: 218967

Ion Ratio Lower Upper

63 100

106 29.9 23.7 35.5

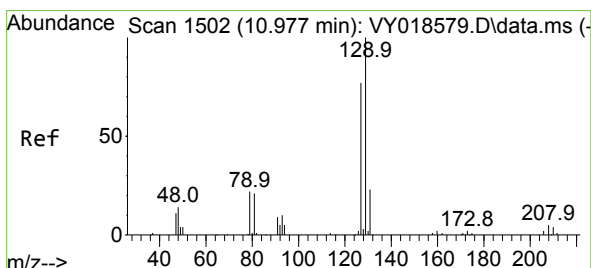
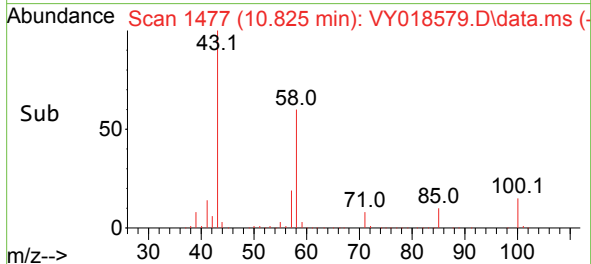
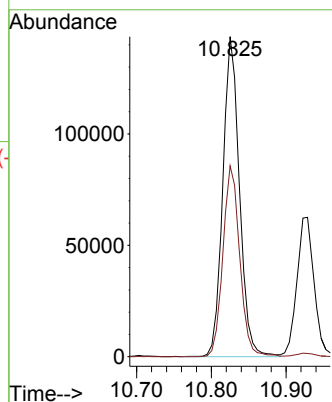
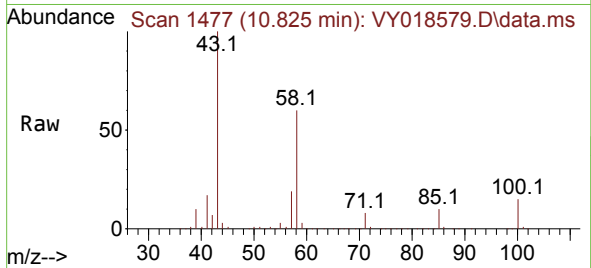




#59
2-Hexanone
Concen: 315.766 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

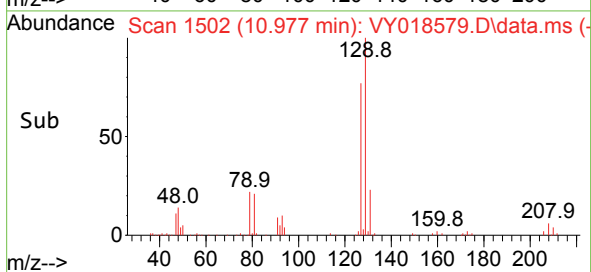
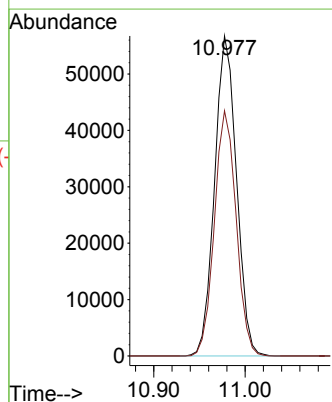
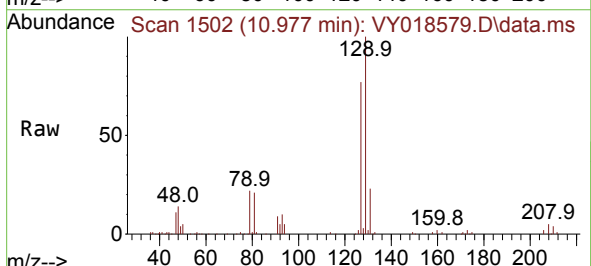
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

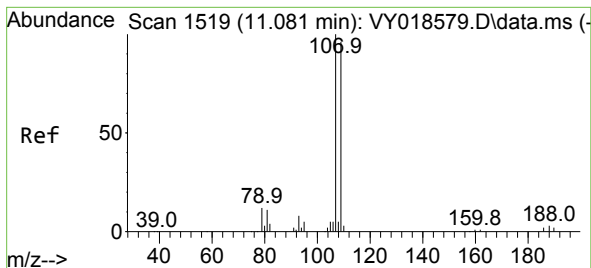
Tgt Ion: 43 Resp: 222860
Ion Ratio Lower Upper
43 100
58 60.2 31.4 94.0



#60
Dibromochloromethane
Concen: 59.981 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 129 Resp: 94541
Ion Ratio Lower Upper
129 100
127 76.1 39.0 117.0

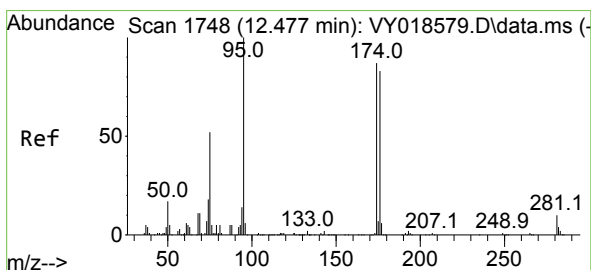
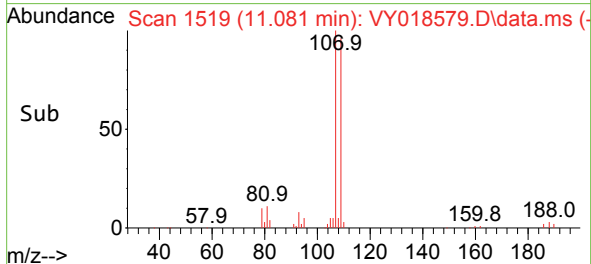
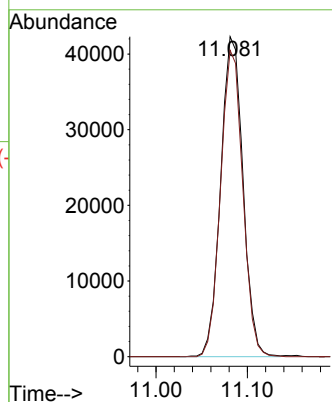
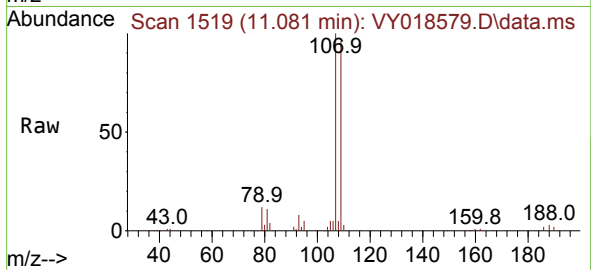




#61
1,2-Dibromoethane
Concen: 61.156 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

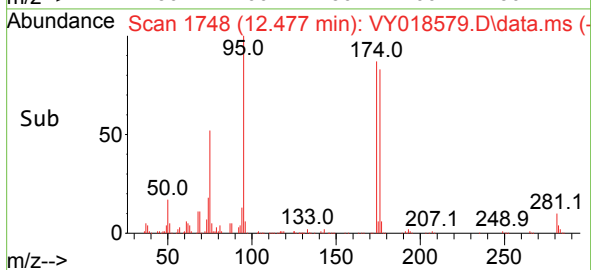
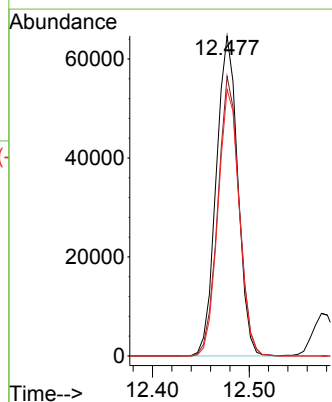
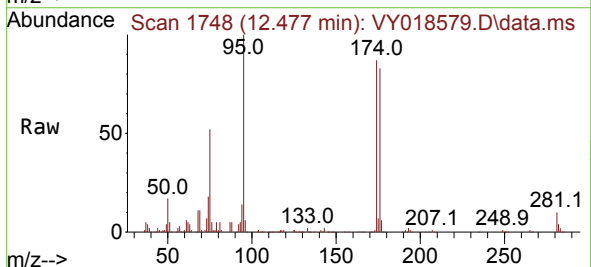
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

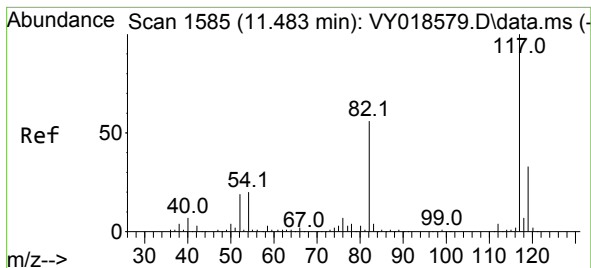
Tgt Ion:107 Resp: 71713
Ion Ratio Lower Upper
107 100
109 95.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.121 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 95 Resp: 99968
Ion Ratio Lower Upper
95 100
174 86.2 0.0 175.6
176 82.4 0.0 171.4

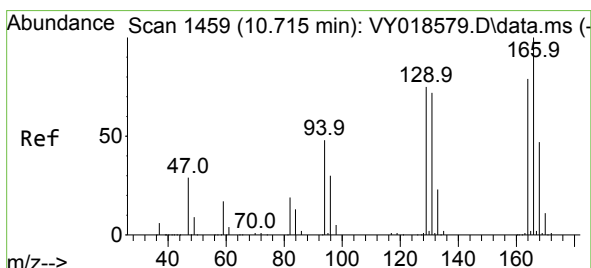
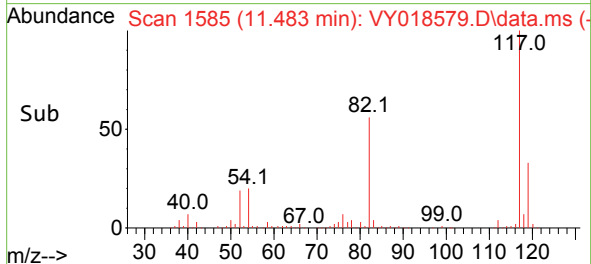
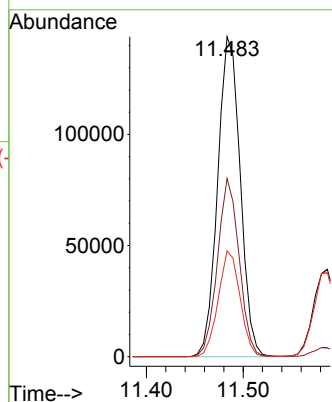
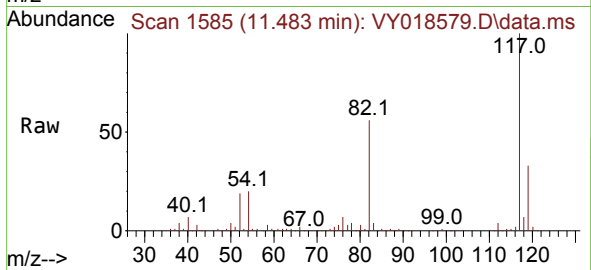




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

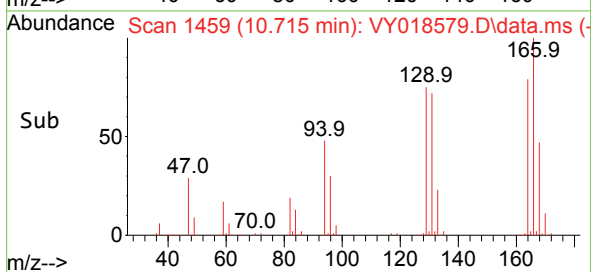
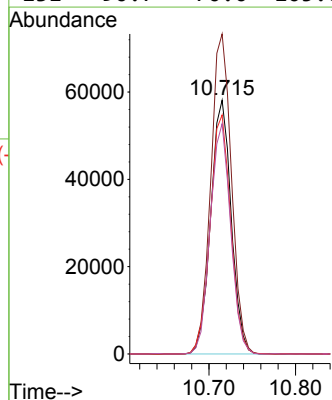
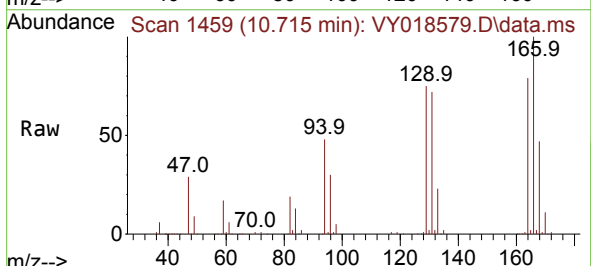
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

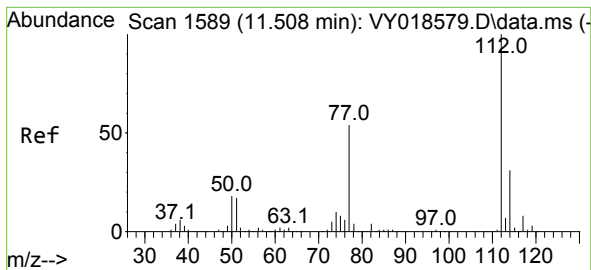
Tgt Ion:117 Resp: 232807
Ion Ratio Lower Upper
117 100
82 55.6 42.4 63.6
119 33.1 25.9 38.9



#64
Tetrachloroethene
Concen: 57.435 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion:164 Resp: 95370
Ion Ratio Lower Upper
164 100
166 126.1 102.6 154.0
129 94.2 72.0 108.0
131 90.7 70.0 105.0

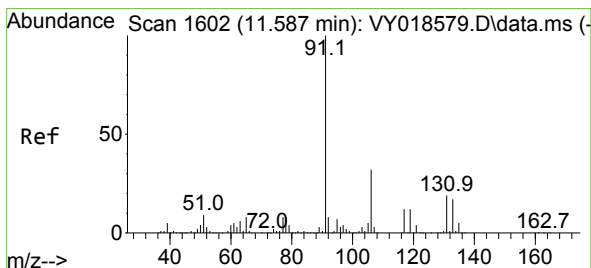
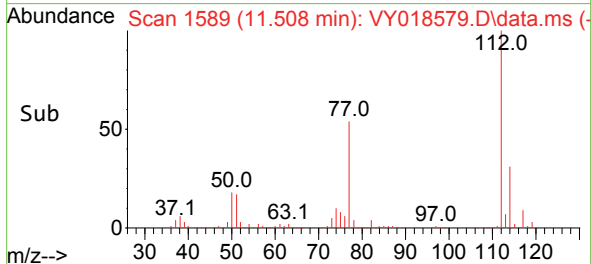
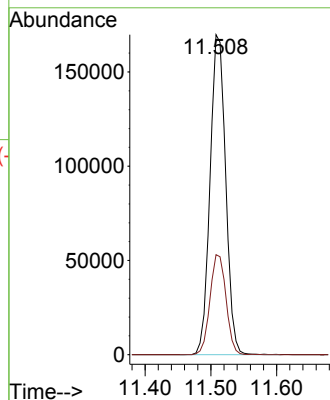
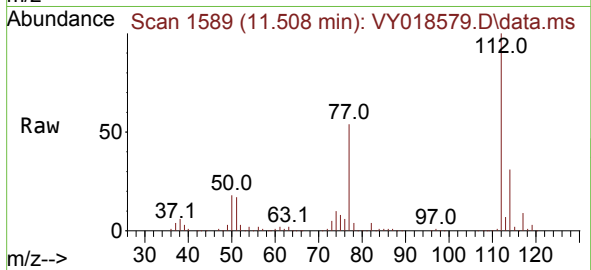




#65
Chlorobenzene
Concen: 58.289 ug/l
RT: 11.508 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

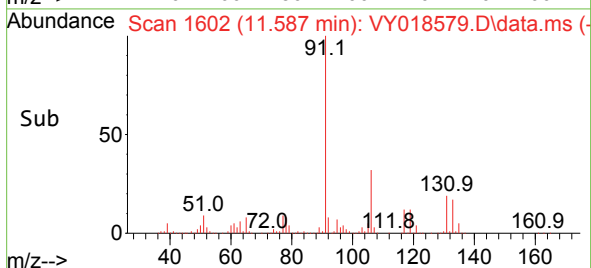
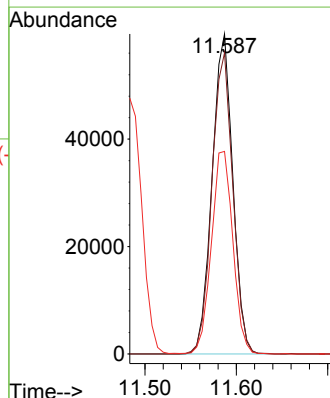
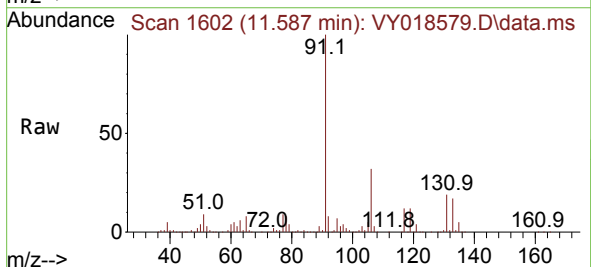
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

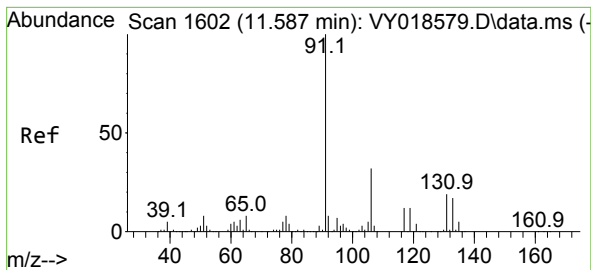
Tgt Ion:112 Resp: 280331
Ion Ratio Lower Upper
112 100
114 31.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 58.112 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion:131 Resp: 93657
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 65.8 34.1 102.2





#67

Ethyl Benzene

Concen: 59.036 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

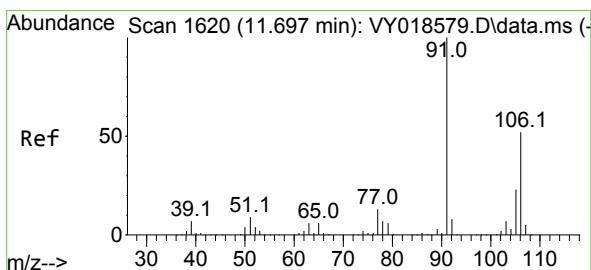
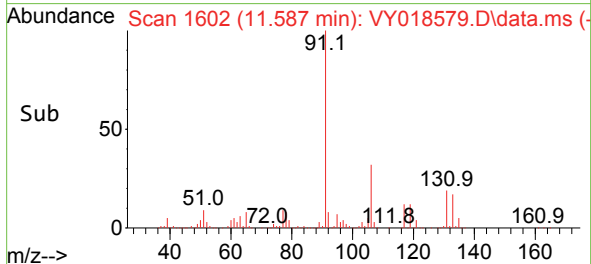
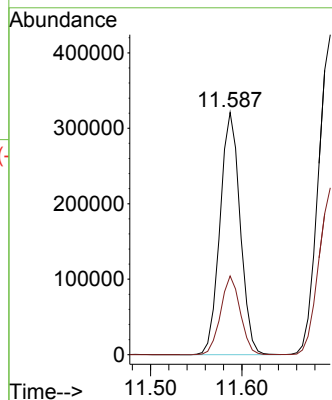
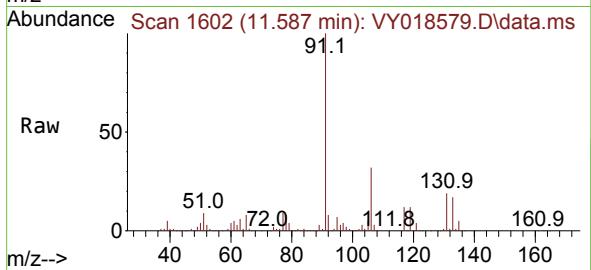
VSTDICCC050

Tgt Ion: 91 Resp: 492640

Ion Ratio Lower Upper

91 100

106 32.5 24.5 36.7



#68

m/p-Xylenes

Concen: 120.911 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018579.D

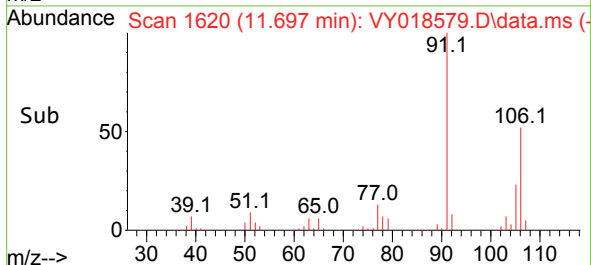
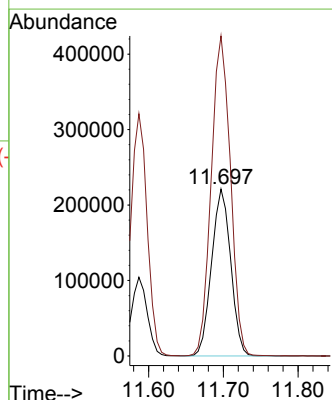
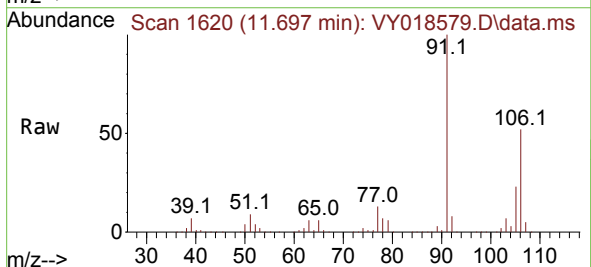
Acq: 13 Jun 2024 17:10

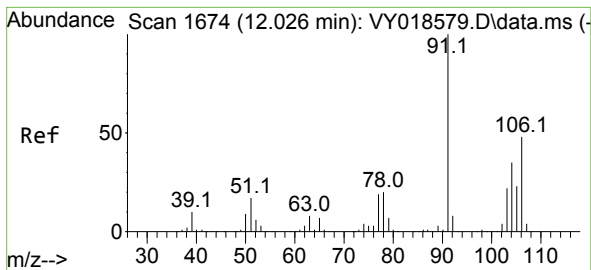
Tgt Ion:106 Resp: 392609

Ion Ratio Lower Upper

106 100

91 193.0 156.0 234.0





#69

o-Xylene

Concen: 59.813 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

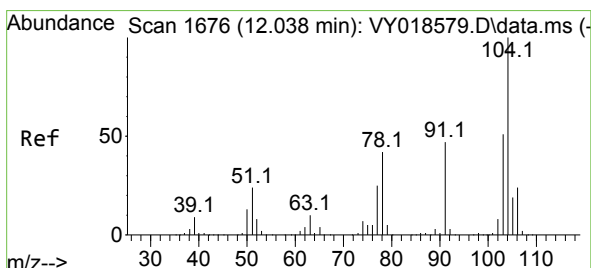
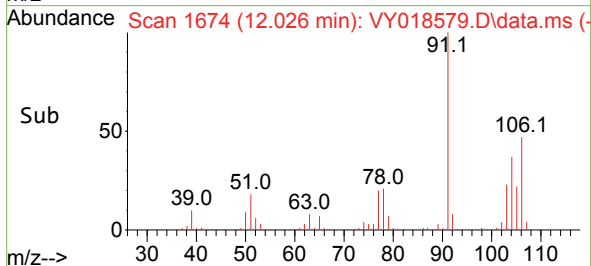
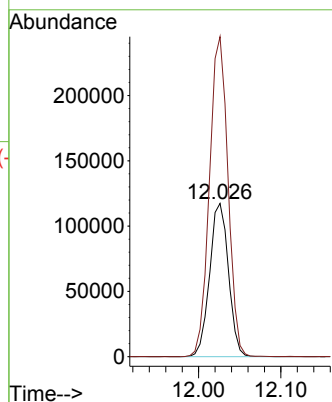
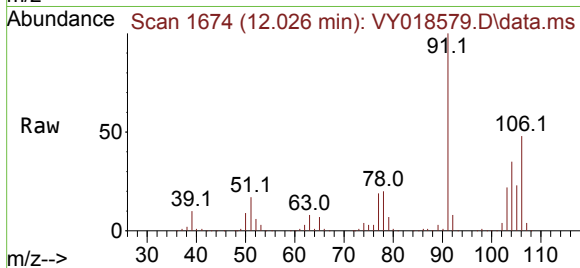
VSTDICCC050

Tgt Ion:106 Resp: 186767

Ion Ratio Lower Upper

106 100

91 205.4 103.6 310.8



#70

Styrene

Concen: 61.340 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

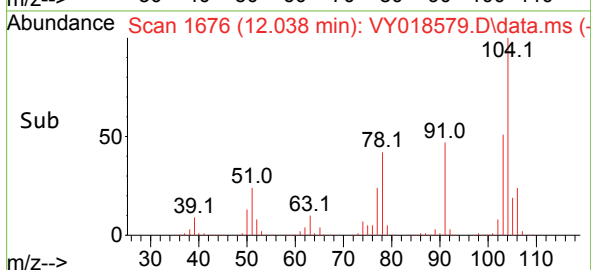
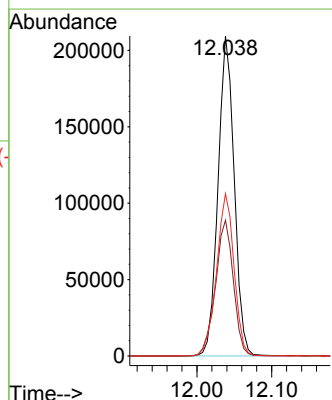
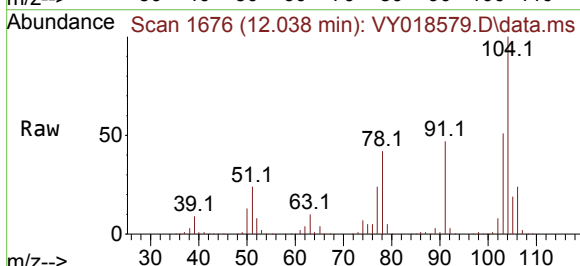
Tgt Ion:104 Resp: 316418

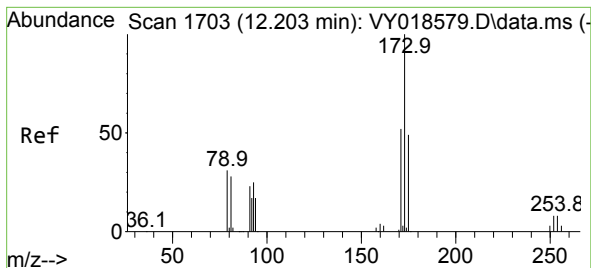
Ion Ratio Lower Upper

104 100

78 46.7 37.0 55.4

103 54.8 44.2 66.2





#71

Bromoform

Concen: 59.228 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

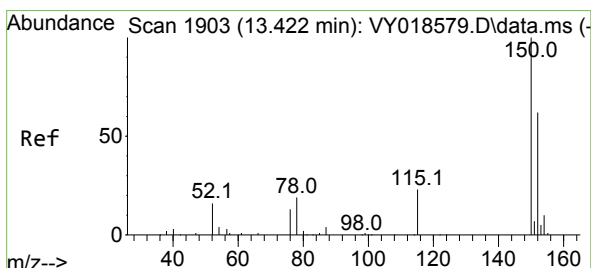
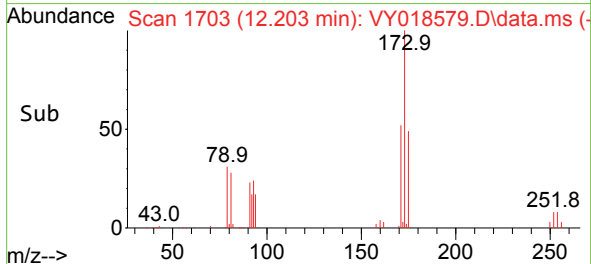
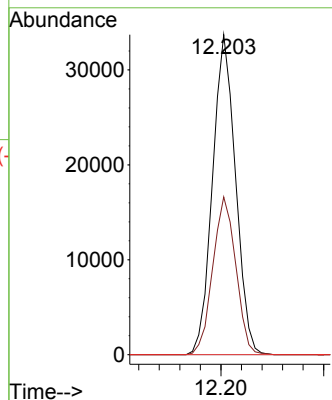
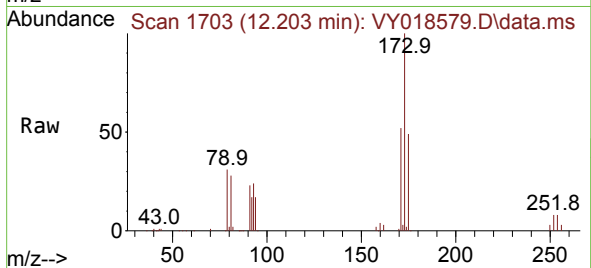
Tgt Ion:173 Resp: 52377

Ion Ratio Lower Upper

173 100

175 49.3 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

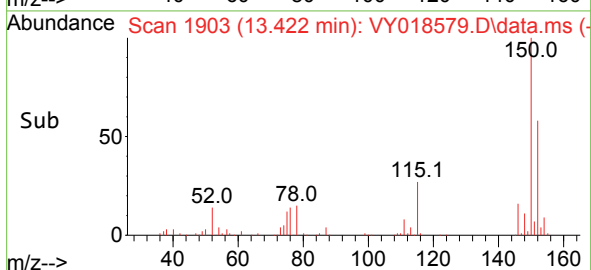
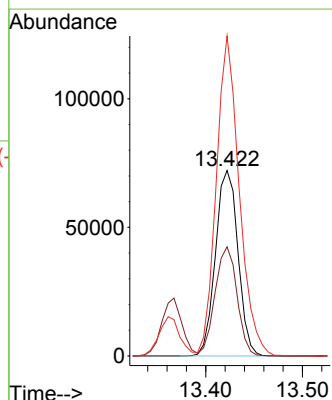
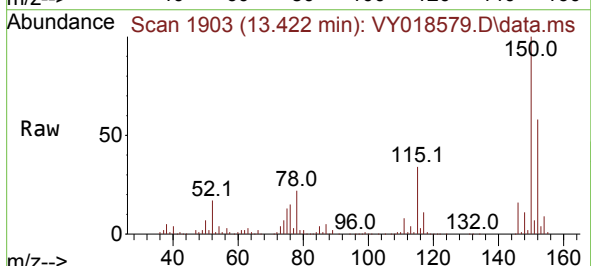
Tgt Ion:152 Resp: 116311

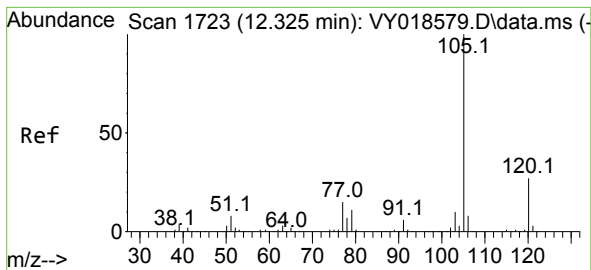
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 176.2 0.0 345.6





#73

Isopropylbenzene

Concen: 56.551 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

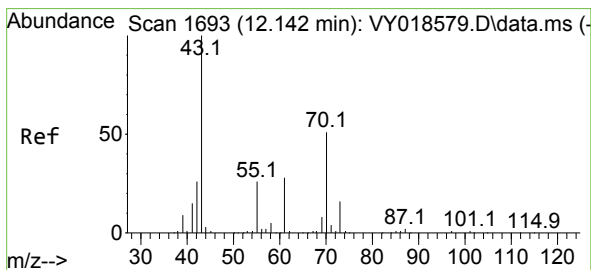
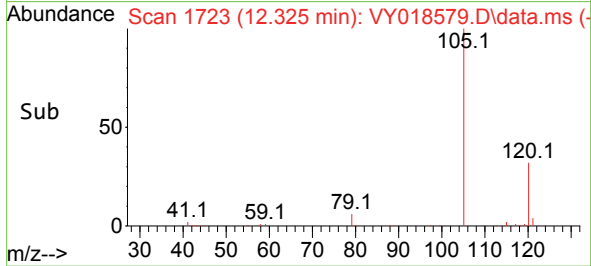
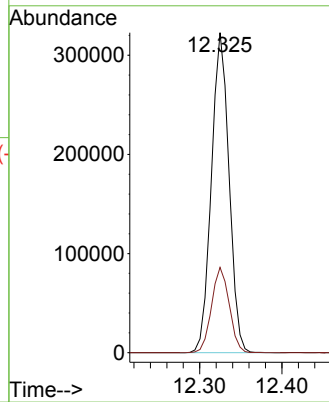
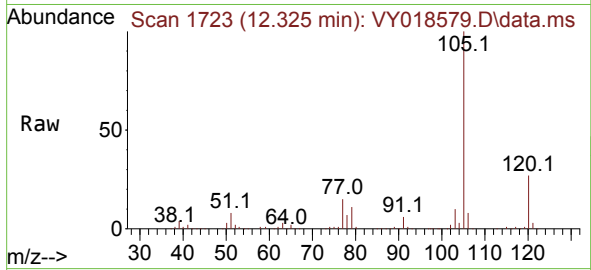
VSTDICCC050

Tgt Ion:105 Resp: 480313

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 61.982 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Tgt Ion: 43 Resp: 107800

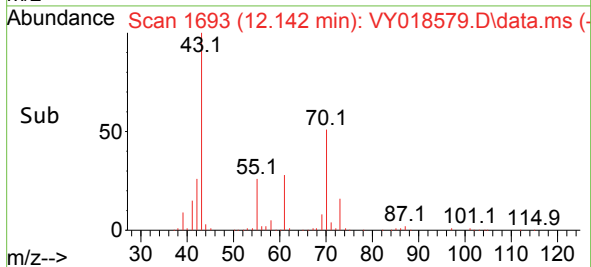
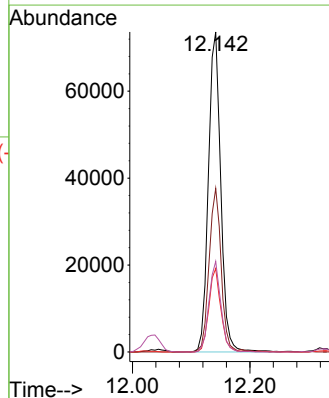
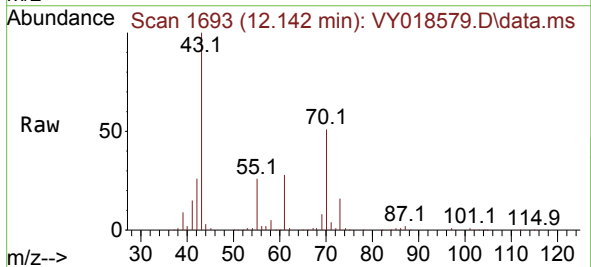
Ion Ratio Lower Upper

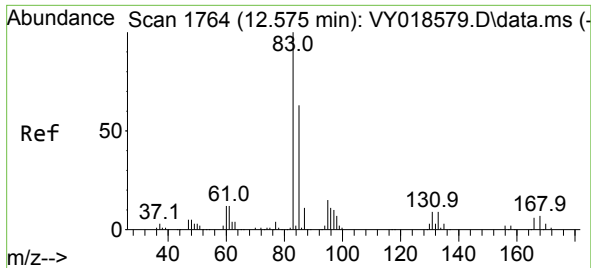
43 100

70 50.0 41.4 62.2

55 25.4 23.3 34.9

61 27.1 22.6 33.8

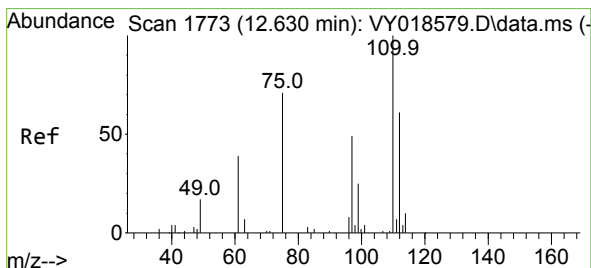
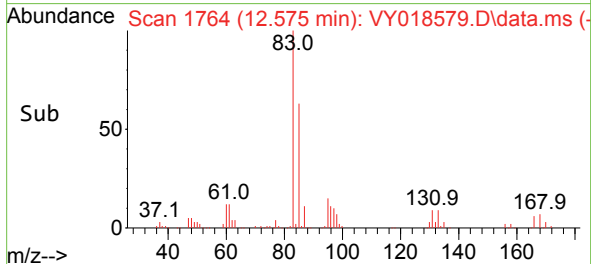
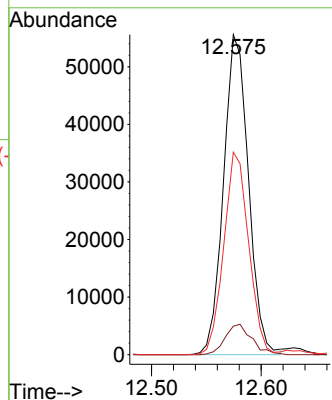
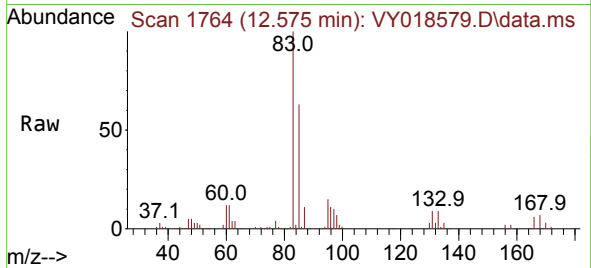




#75
 1,1,2,2-Tetrachloroethane
 Concen: 58.184 ug/l
 RT: 12.575 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: VY018579.D
 Acq: 13 Jun 2024 17:10

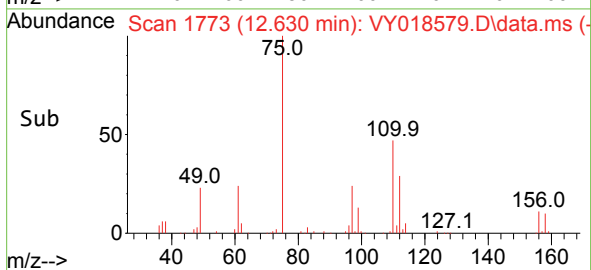
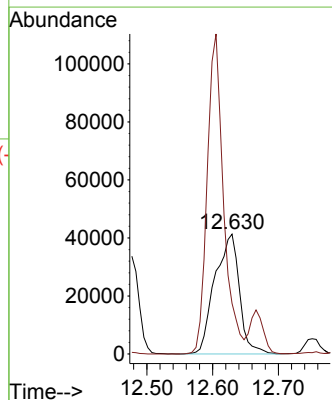
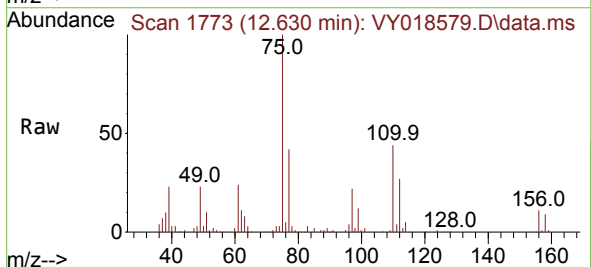
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

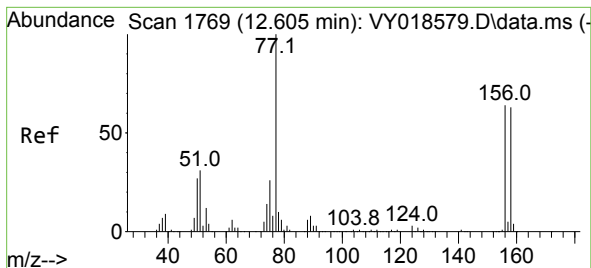
Tgt Ion: 83 Resp: 87746
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 63.4 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 95.558 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY018579.D
 Acq: 13 Jun 2024 17:10

Tgt Ion: 75 Resp: 107648
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.408 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

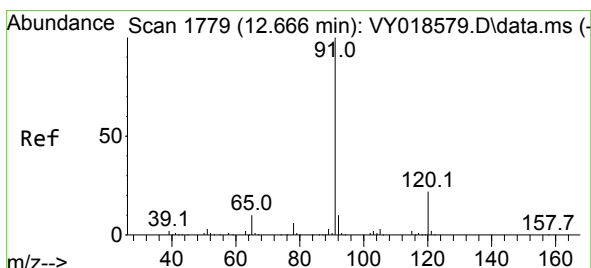
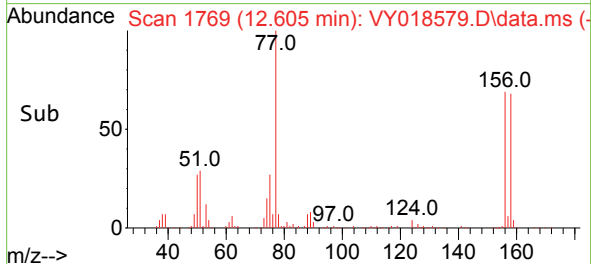
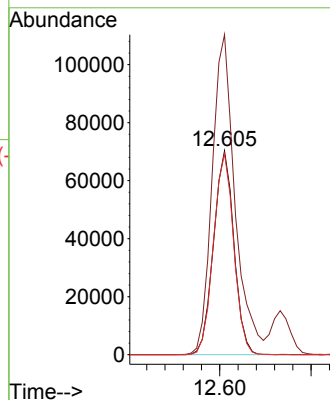
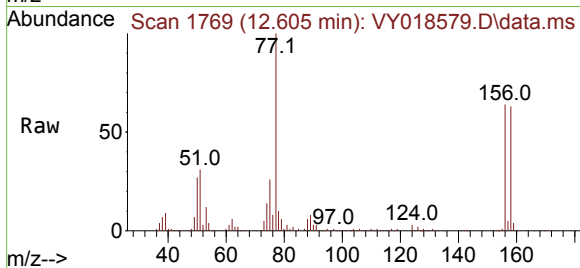
Tgt Ion:156 Resp: 108832

Ion Ratio Lower Upper

156 100

77 176.4 87.1 261.3

158 98.2 48.6 145.9



#78

n-propylbenzene

Concen: 57.523 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018579.D

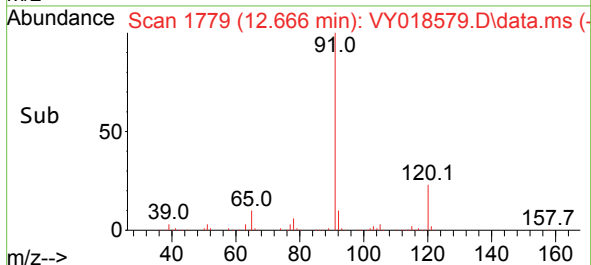
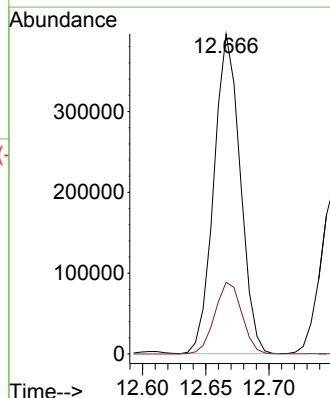
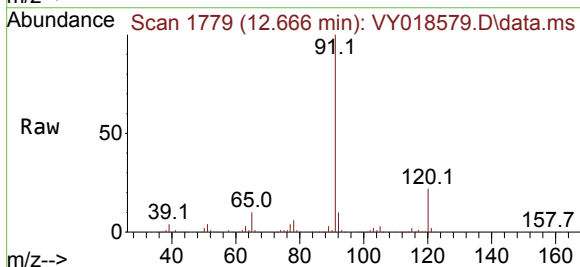
Acq: 13 Jun 2024 17:10

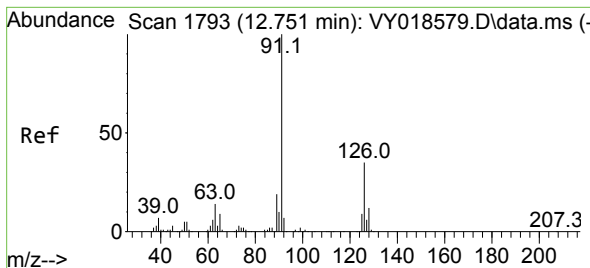
Tgt Ion: 91 Resp: 571770

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 57.427 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

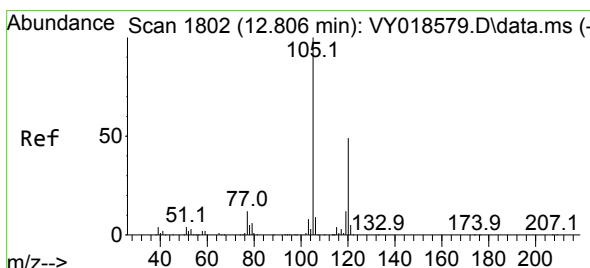
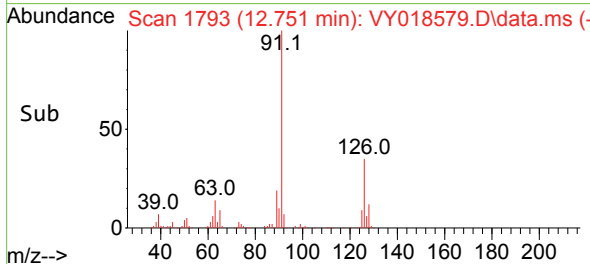
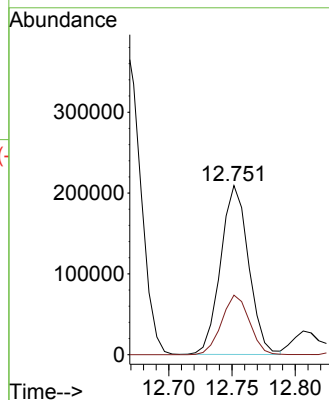
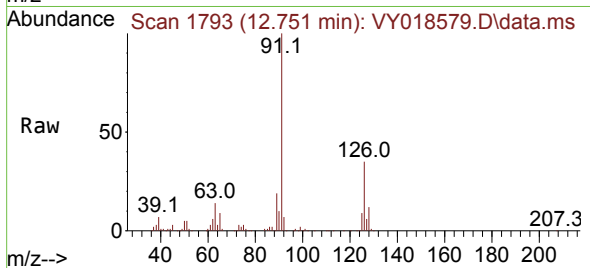
VSTDICCC050

Tgt Ion: 91 Resp: 322218

Ion Ratio Lower Upper

91 100

126 35.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 57.923 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY018579.D

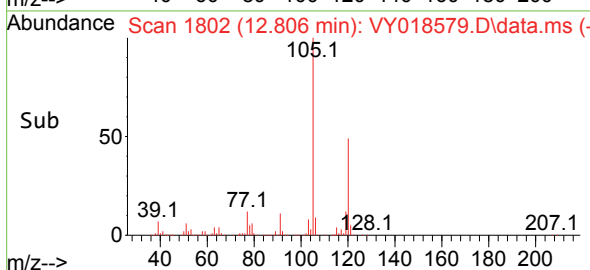
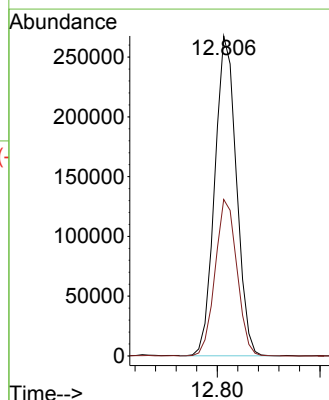
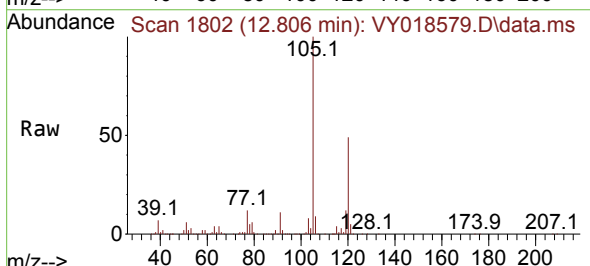
Acq: 13 Jun 2024 17:10

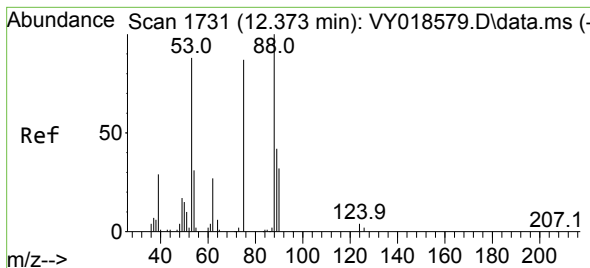
Tgt Ion: 105 Resp: 389901

Ion Ratio Lower Upper

105 100

120 49.4 25.1 75.2

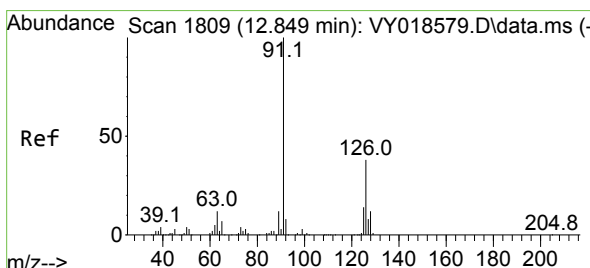
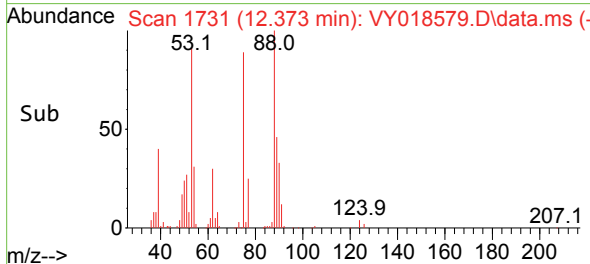
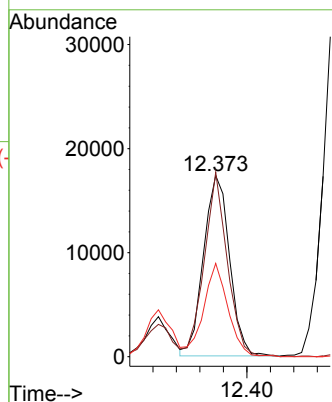
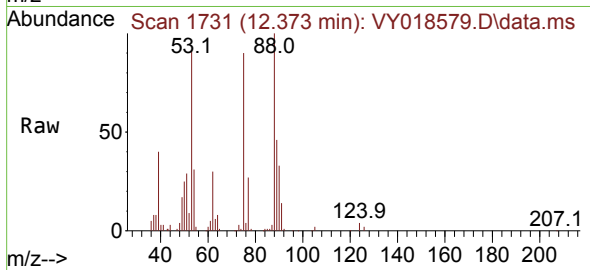




#81
trans-1,4-Dichloro-2-butene
Concen: 63.928 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

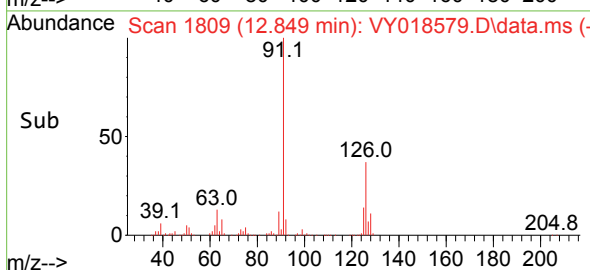
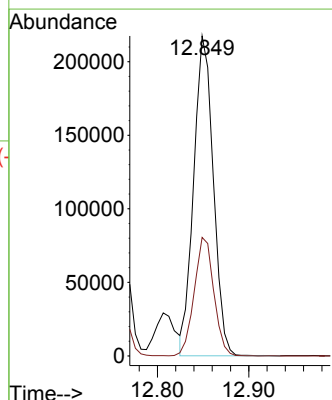
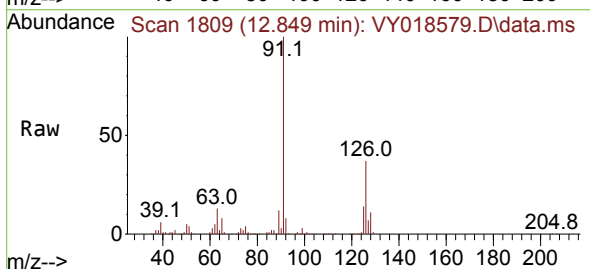
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

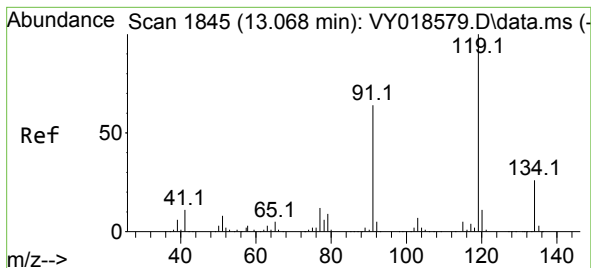
Tgt Ion: 75 Resp: 26628
Ion Ratio Lower Upper
75 100
53 91.1 66.8 100.2
89 49.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 57.369 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 91 Resp: 324146
Ion Ratio Lower Upper
91 100
126 37.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 55.775 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

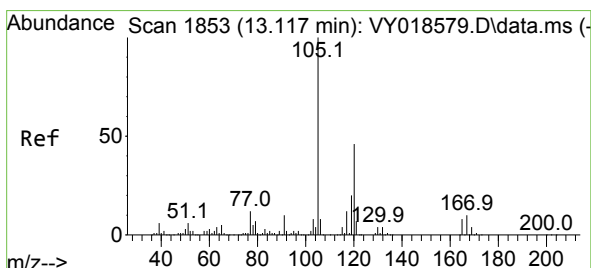
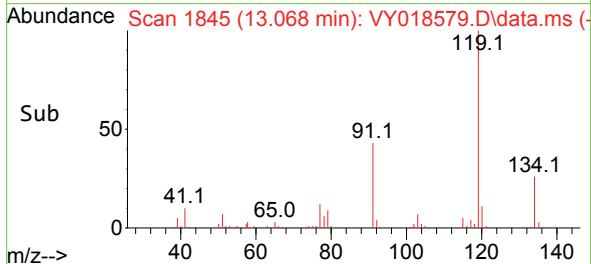
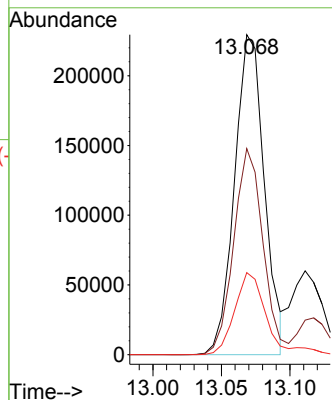
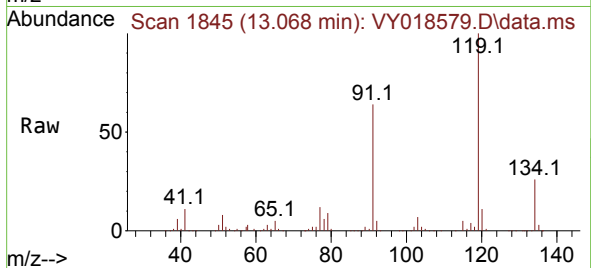
Tgt Ion:119 Resp: 347482

Ion Ratio Lower Upper

119 100

91 63.6 31.3 93.8

134 27.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 58.255 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018579.D

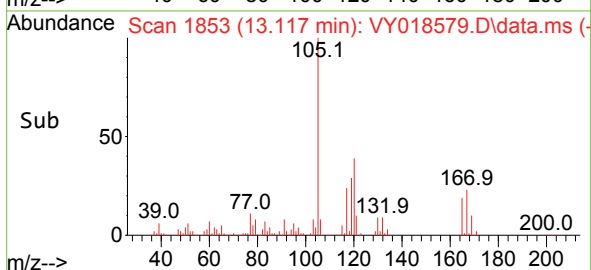
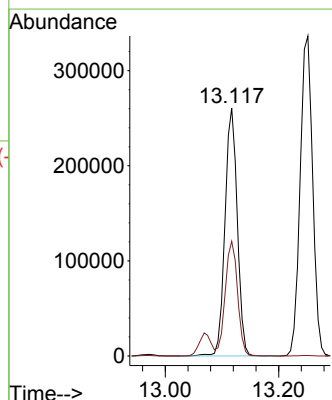
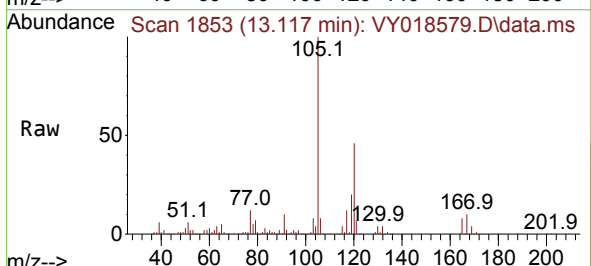
Acq: 13 Jun 2024 17:10

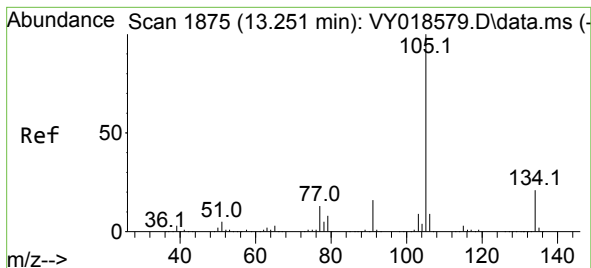
Tgt Ion:105 Resp: 391940

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 57.849 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

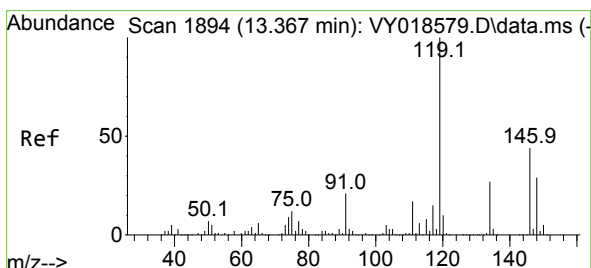
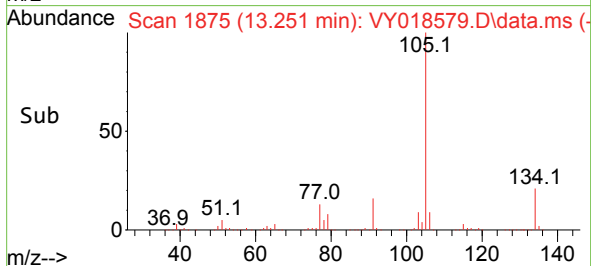
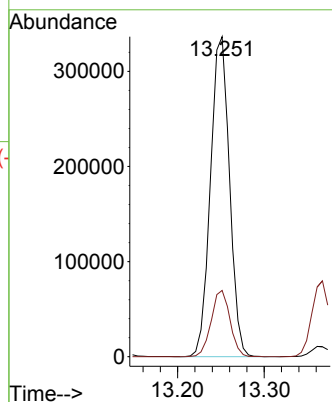
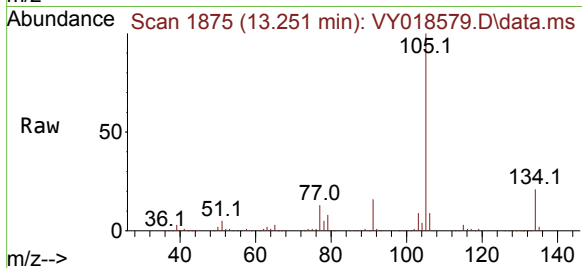
VSTDICCC050

Tgt Ion:105 Resp: 514019

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 57.507 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

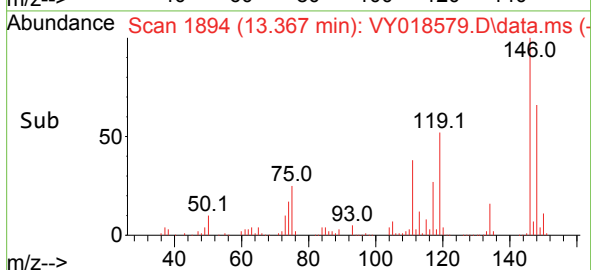
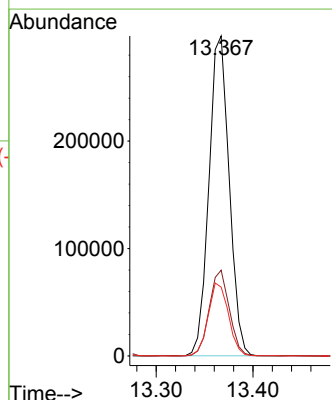
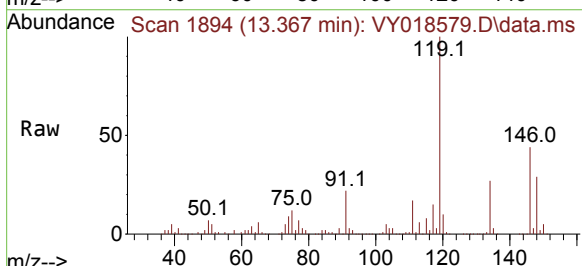
Tgt Ion:119 Resp: 433197

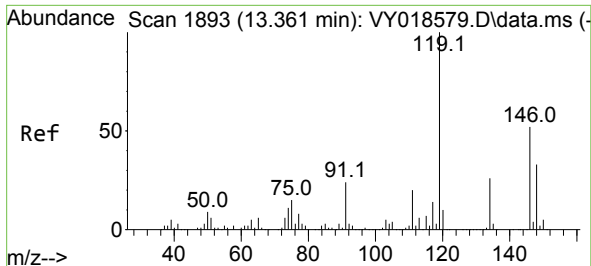
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 22.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 56.014 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

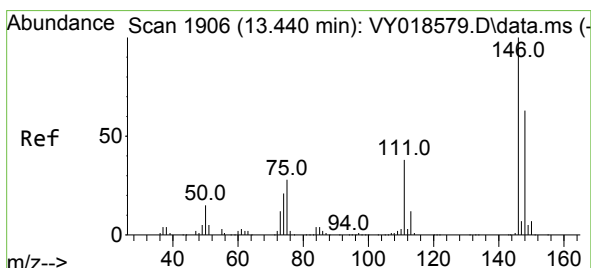
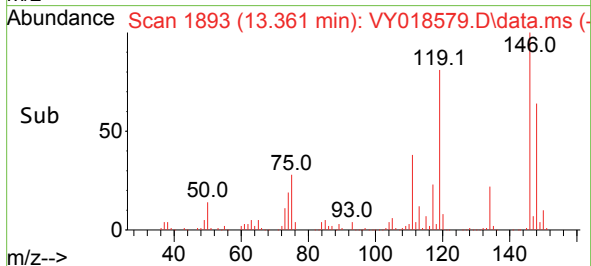
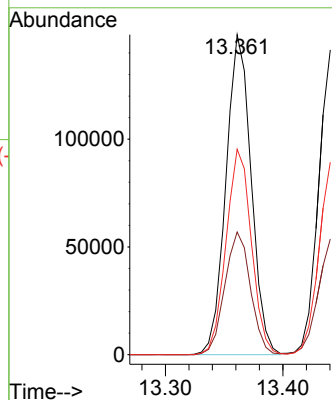
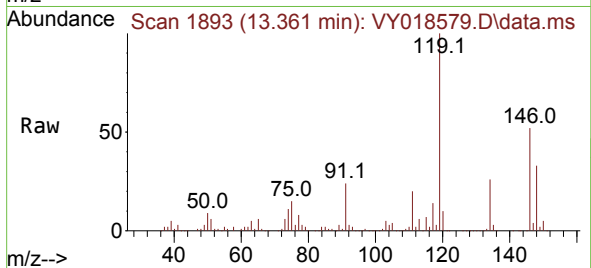
Tgt Ion:146 Resp: 221915

Ion Ratio Lower Upper

146 100

111 39.1 19.0 57.0

148 64.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 55.976 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

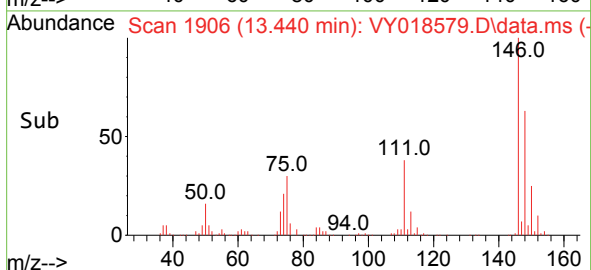
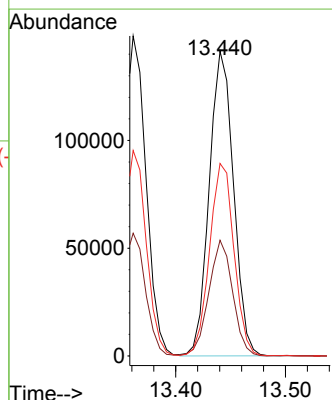
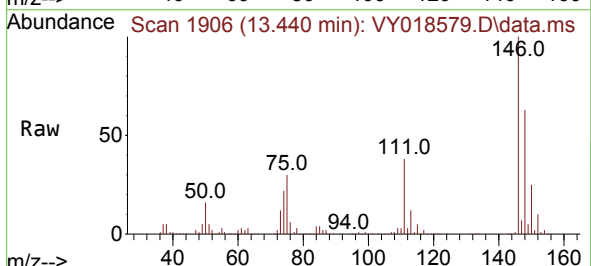
Tgt Ion:146 Resp: 217619

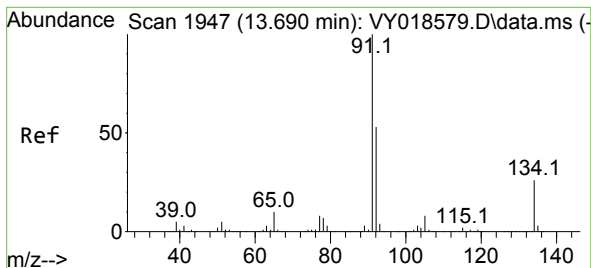
Ion Ratio Lower Upper

146 100

111 37.4 18.4 55.4

148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 57.979 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

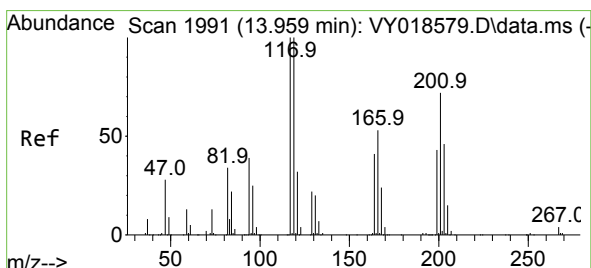
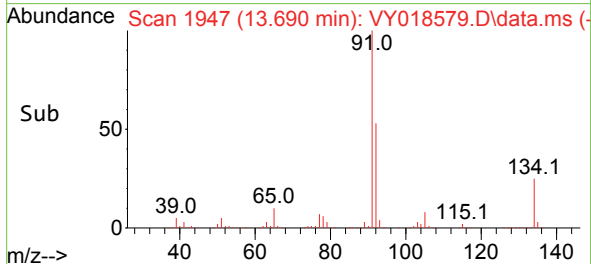
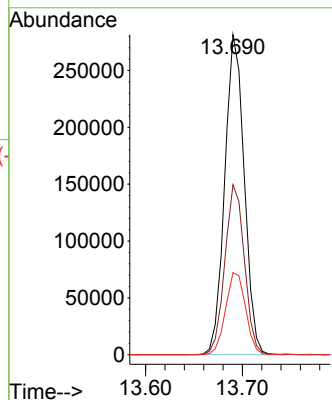
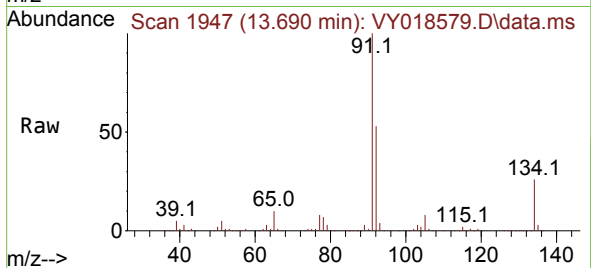
Tgt Ion: 91 Resp: 393667

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 26.4 12.9 38.7



#90

Hexachloroethane

Concen: 58.864 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018579.D

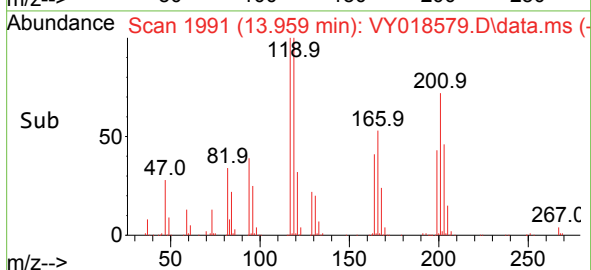
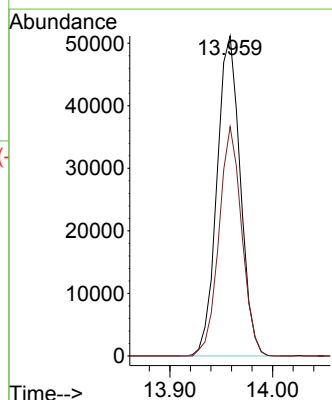
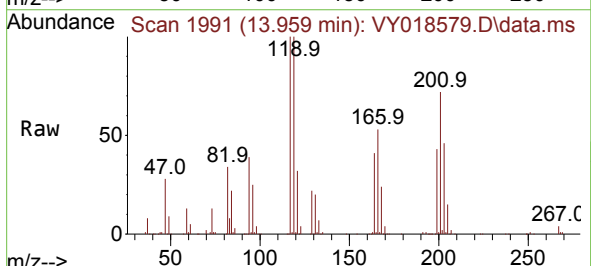
Acq: 13 Jun 2024 17:10

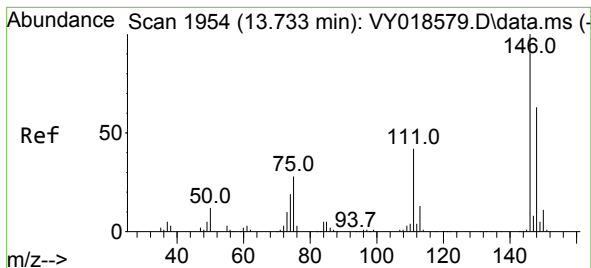
Tgt Ion: 117 Resp: 80552

Ion Ratio Lower Upper

117 100

201 70.0 37.4 112.2

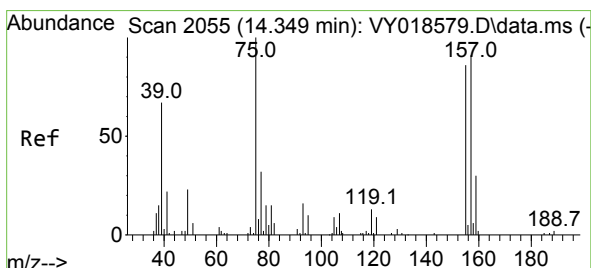
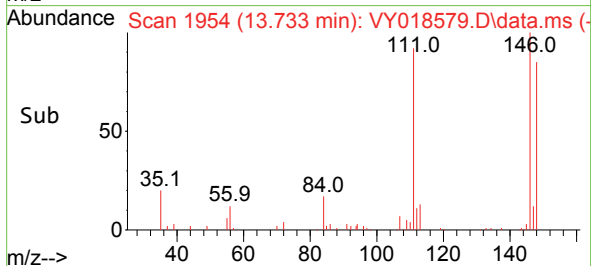
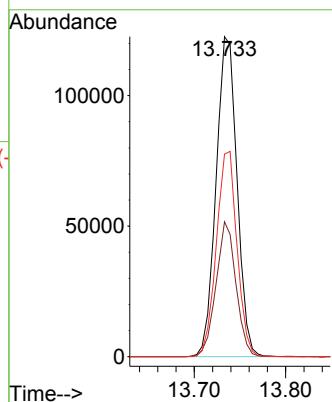
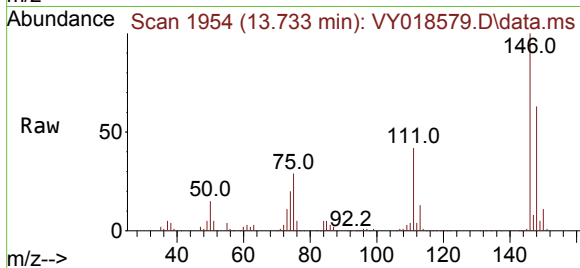




#91
1,2-Dichlorobenzene
Concen: 57.641 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

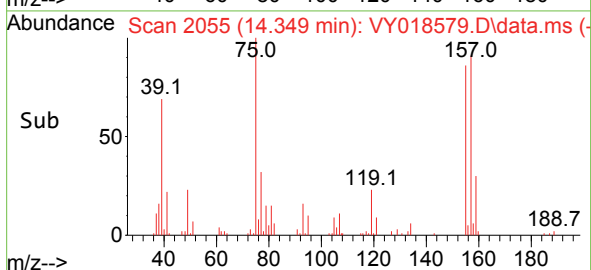
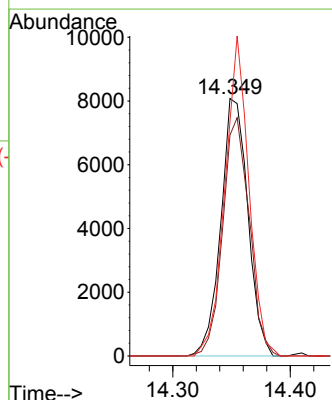
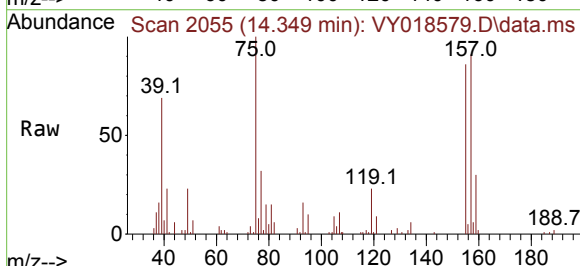
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

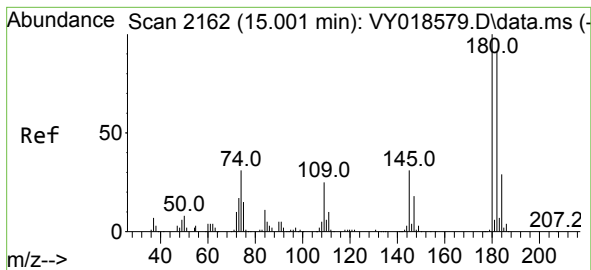
Tgt Ion:146 Resp: 195077
Ion Ratio Lower Upper
146 100
111 40.3 19.9 59.7
148 63.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.151 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VY018579.D
Acq: 13 Jun 2024 17:10

Tgt Ion: 75 Resp: 12917
Ion Ratio Lower Upper
75 100
155 90.9 48.6 145.8
157 109.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 56.984 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

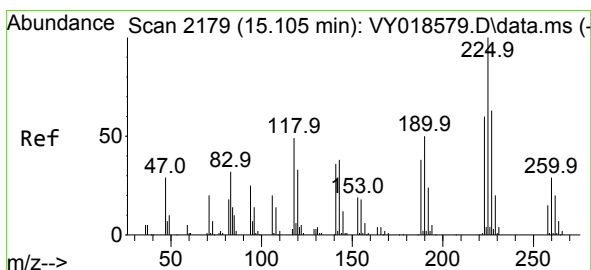
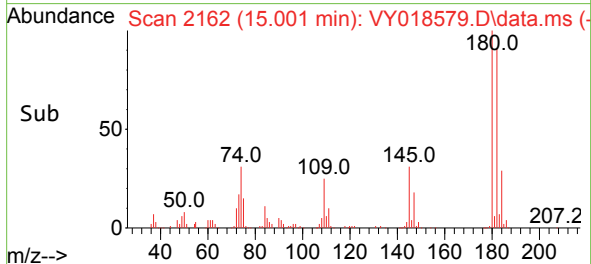
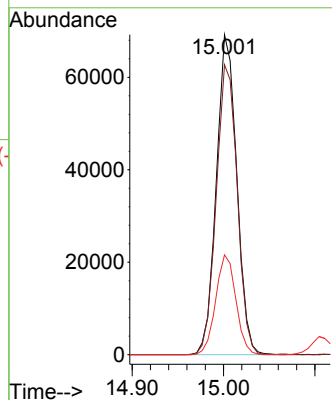
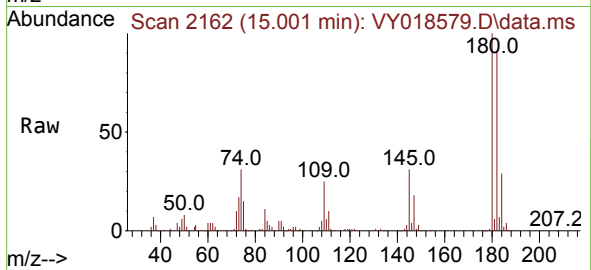
Tgt Ion:180 Resp: 107444

Ion Ratio Lower Upper

180 100

182 92.9 47.9 143.8

145 30.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 55.449 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

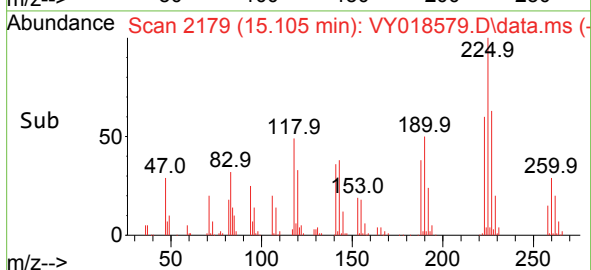
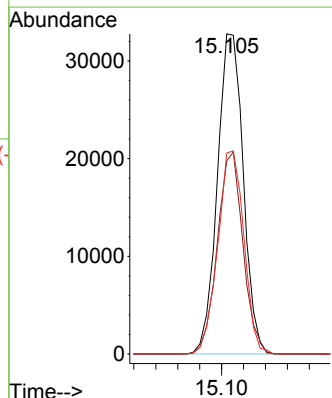
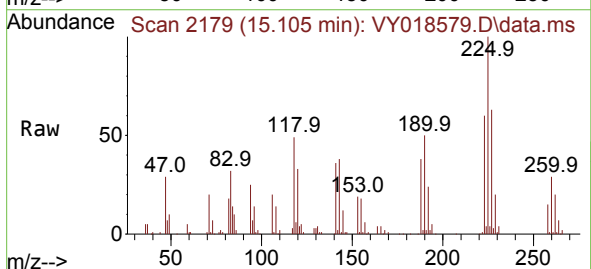
Tgt Ion:225 Resp: 53718

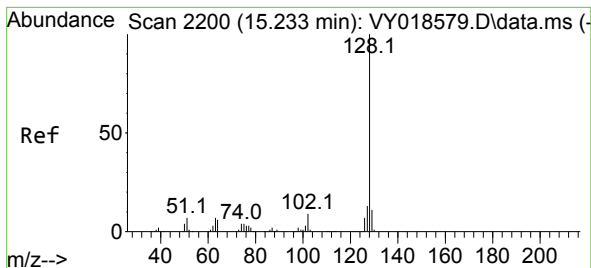
Ion Ratio Lower Upper

225 100

223 62.3 30.4 91.2

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 60.966 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

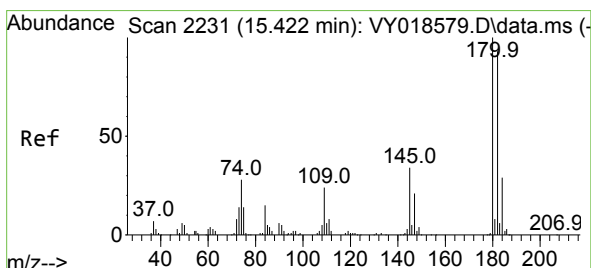
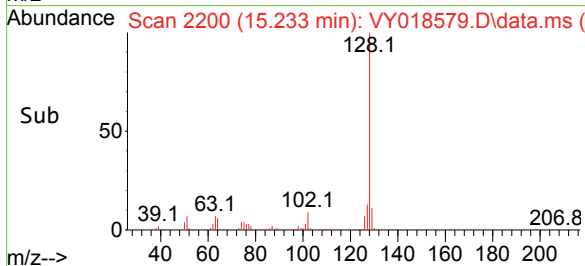
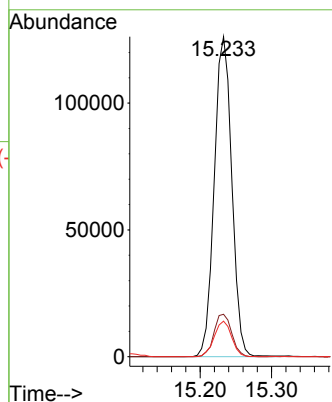
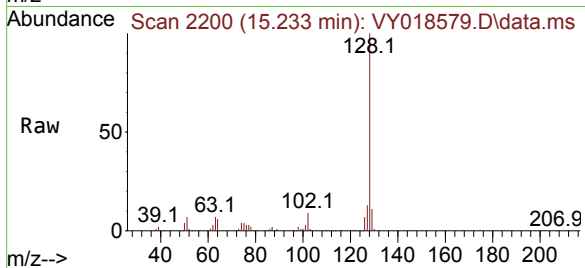
Tgt Ion:128 Resp: 214815

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 56.834 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018579.D

Acq: 13 Jun 2024 17:10

Tgt Ion:180 Resp: 90543

Ion Ratio Lower Upper

180 100

182 96.6 47.6 142.9

145 32.8 15.4 46.1

