

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017685.D
 Acq On : 15 Mar 2024 20:06
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 16 00:21:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	156203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	246057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	219926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	63096	42.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.240%
35) Dibromofluoromethane	7.716	113	76435	44.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.160%
50) Toluene-d8	10.185	98	272325	45.426	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.860%
62) 4-Bromofluorobenzene	12.483	95	87936	46.674	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	51470	44.669	ug/l	99
3) Chloromethane	2.113	50	95858	45.532	ug/l	96
4) Vinyl Chloride	2.247	62	127501	47.207	ug/l	99
5) Bromomethane	2.649	94	110608	50.253	ug/l	99
6) Chloroethane	2.790	64	88546	51.969	ug/l	99
7) Trichlorofluoromethane	3.125	101	134212	48.756	ug/l	99
8) Diethyl Ether	3.527	74	45542	56.408	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	84759	53.531	ug/l	98
10) Methyl Iodide	4.094	142	100229	56.405	ug/l	98
11) Tert butyl alcohol	4.948	59	28780	228.868	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	79313	53.750	ug/l	98
13) Acrolein	3.728	56	20074	120.984	ug/l	99
14) Allyl chloride	4.478	41	97181	54.506	ug/l	96
15) Acrylonitrile	5.161	53	96877	291.892	ug/l	100
16) Acetone	3.948	43	70496	245.516	ug/l	96
17) Carbon Disulfide	4.192	76	226597	51.161	ug/l	97
18) Methyl Acetate	4.478	43	48205	69.200	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	197186	57.333	ug/l	98
20) Methylene Chloride	4.716	84	97040	58.448	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	96681	55.959	ug/l	95
22) Diisopropyl ether	6.118	45	235252	57.179	ug/l	96
23) Vinyl Acetate	6.057	43	686494	280.009	ug/l	100
24) 1,1-Dichloroethane	6.015	63	156811	55.788	ug/l	100
25) 2-Butanone	6.984	43	111477	272.425	ug/l	96
26) 2,2-Dichloropropane	6.984	77	121976	51.614	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	112067	57.771	ug/l	96
28) Bromochloromethane	7.332	49	49690	44.887	ug/l	93
29) Tetrahydrofuran	7.350	42	73121	296.432	ug/l	99
30) Chloroform	7.508	83	169643	56.687	ug/l	100
31) Cyclohexane	7.789	56	121129	50.278	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	141795	54.576	ug/l	98
36) 1,1-Dichloropropene	7.923	75	124063	53.629	ug/l	99
37) Ethyl Acetate	7.075	43	48993	53.621	ug/l #	95
38) Carbon Tetrachloride	7.905	117	128781	55.545	ug/l	99
39) Methylcyclohexane	9.185	83	151381	54.450	ug/l	99
40) Benzene	8.167	78	383369	55.803	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	28179	61.458	ug/l	93
42) 1,2-Dichloroethane	8.240	62	92696	55.301	ug/l	98
43) Isopropyl Acetate	8.276	43	91198	56.800	ug/l	99
44) Trichloroethene	8.941	130	109456	55.276	ug/l	97
45) 1,2-Dichloropropane	9.221	63	91880	56.213	ug/l	99
46) Dibromomethane	9.307	93	53612	57.313	ug/l	95
47) Bromodichloromethane	9.502	83	130898	57.632	ug/l	98
48) Methyl methacrylate	9.295	41	41733	56.153	ug/l	91
49) 1,4-Dioxane	9.301	88	12247	1156.863	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	260857	291.509	ug/l	97
52) Toluene	10.246	92	243288	56.174	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	120306	57.067	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	144627	56.460	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	76505	57.603	ug/l	98
56) Ethyl methacrylate	10.514	69	89817	54.719	ug/l	97
57) 1,3-Dichloropropane	10.794	76	124800	57.795	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	169450	221.099	ug/l	97
59) 2-Hexanone	10.837	43	177161	288.229	ug/l	97
60) Dibromochloromethane	10.989	129	94228	59.972	ug/l	98
61) 1,2-Dibromoethane	11.093	107	71787	58.653	ug/l	99
64) Tetrachloroethene	10.721	164	117778	55.795	ug/l	97
65) Chlorobenzene	11.520	112	263655	56.480	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	99737	57.031	ug/l	99
67) Ethyl Benzene	11.593	91	469057	57.295	ug/l	97
68) m/p-Xylenes	11.703	106	370041	115.031	ug/l	98
69) o-Xylene	12.032	106	175342	58.753	ug/l	98
70) Styrene	12.050	104	293459	59.239	ug/l	97
71) Bromoform	12.209	173	59544	61.442	ug/l #	99
73) Isopropylbenzene	12.331	105	451092	56.789	ug/l	99
74) N-amyl acetate	12.148	43	77465	55.294	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	80038	58.678	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	99801	98.242	ug/l #	100
77) Bromobenzene	12.611	156	110807	57.604	ug/l	93
78) n-propylbenzene	12.672	91	540123	56.670	ug/l	99
79) 2-Chlorotoluene	12.757	91	295274	55.334	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	365099	57.371	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	24069	54.441	ug/l	97
82) 4-Chlorotoluene	12.861	91	297848	54.571	ug/l	96
83) tert-Butylbenzene	13.080	119	325312	58.214	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	359781	57.266	ug/l	99
85) sec-Butylbenzene	13.257	105	487228	57.027	ug/l	99
86) p-Isopropyltoluene	13.373	119	402274	57.517	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	215149	55.722	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	210494	56.075	ug/l	98
89) n-Butylbenzene	13.696	91	353907	55.462	ug/l	99
90) Hexachloroethane	13.964	117	79124	56.430	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	185969	56.942	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10410	54.287	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	98766	57.253	ug/l	100
94) Hexachlorobutadiene	15.117	225	58910	55.311	ug/l	98
95) Naphthalene	15.239	128	178282	53.075	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	83712	56.566	ug/l	99

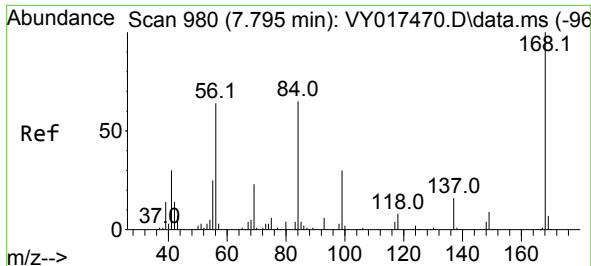
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
Data File : VY017685.D
Acq On : 15 Mar 2024 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

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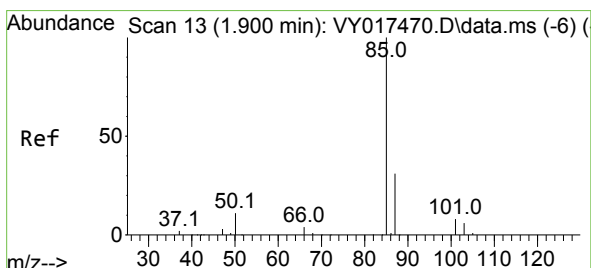
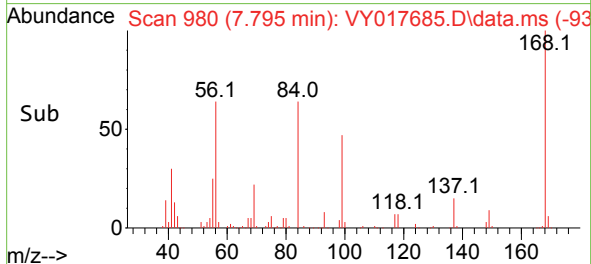
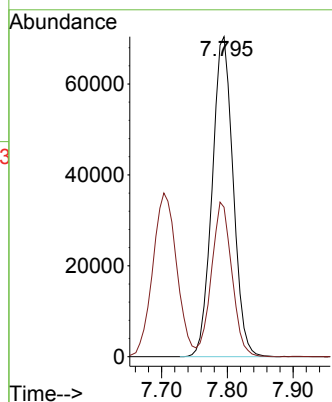
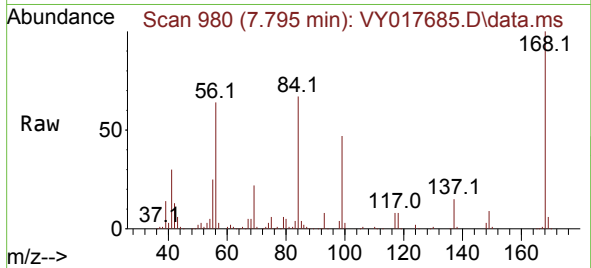
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

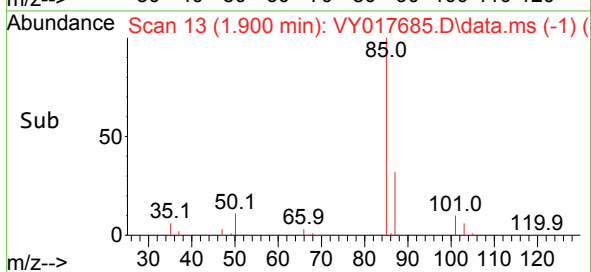
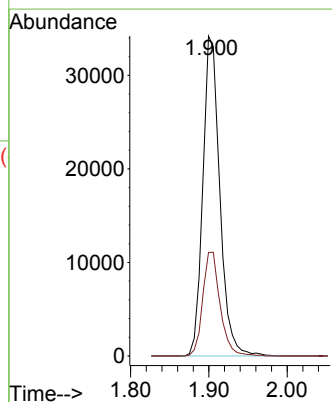
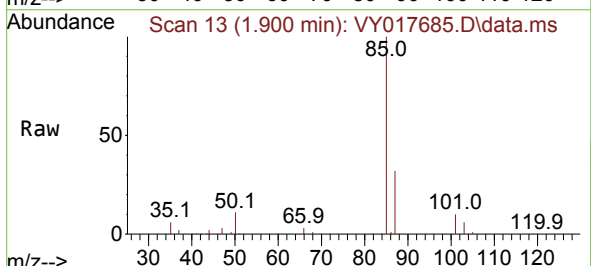
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

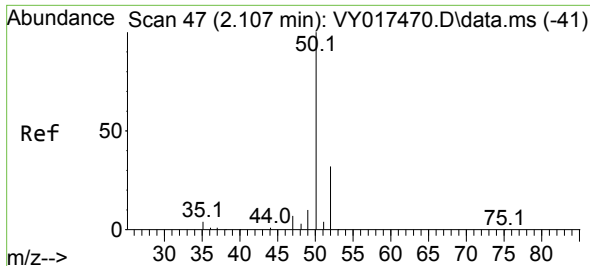
Tgt Ion:168 Resp: 156203
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 44.669 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 85 Resp: 51470
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

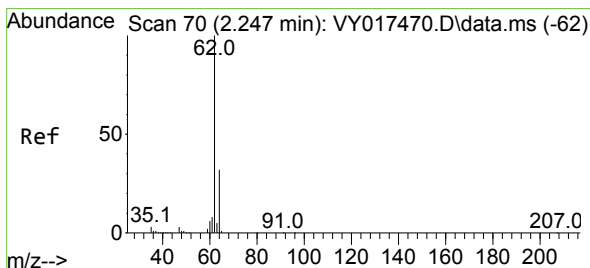
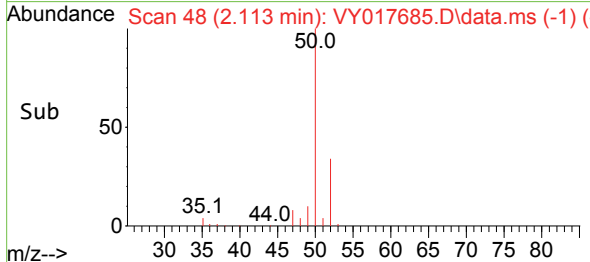
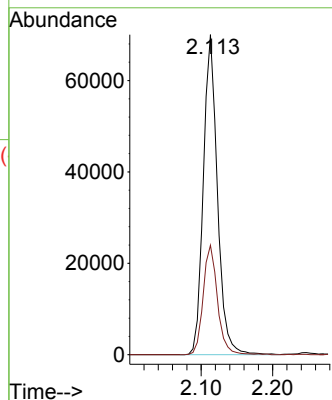
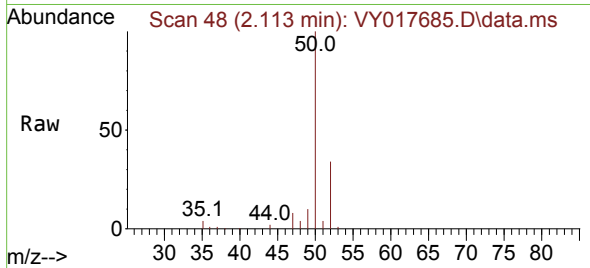




#3
Chloromethane
Concen: 45.532 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

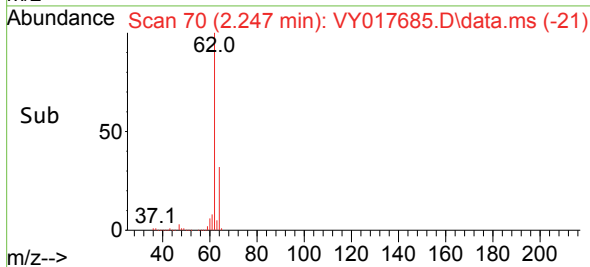
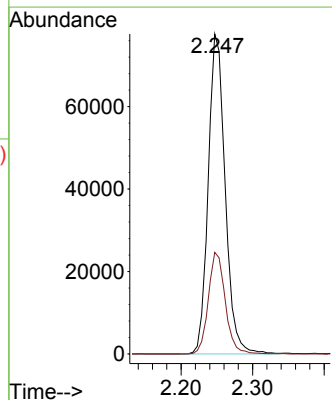
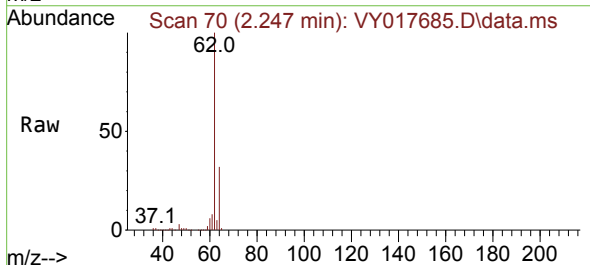
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 95858
Ion Ratio Lower Upper
50 100
52 34.2 25.6 38.4



#4
Vinyl Chloride
Concen: 47.207 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 62 Resp: 127501
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

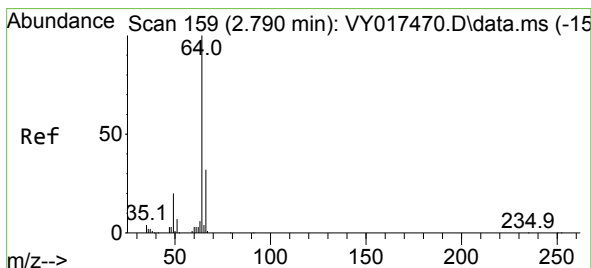
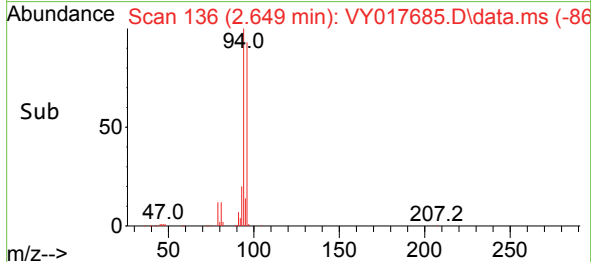
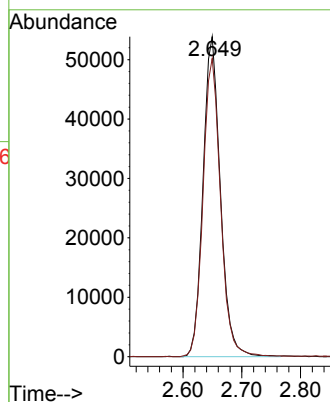
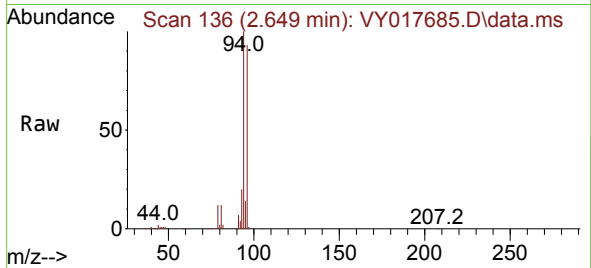




#5
Bromomethane
Concen: 50.253 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

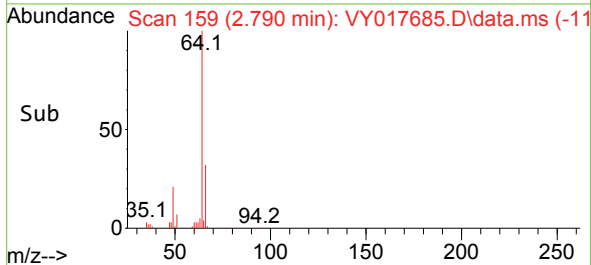
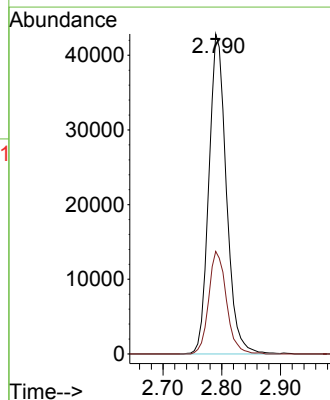
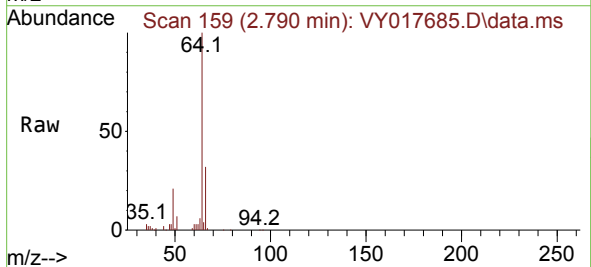
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 110608
Ion Ratio Lower Upper
94 100
96 93.2 74.1 111.1



#6
Chloroethane
Concen: 51.969 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 64 Resp: 88546
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

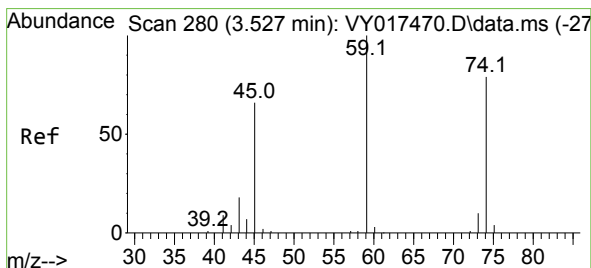
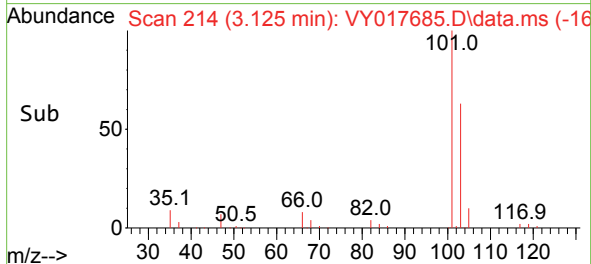
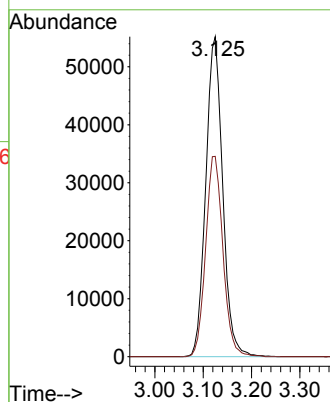
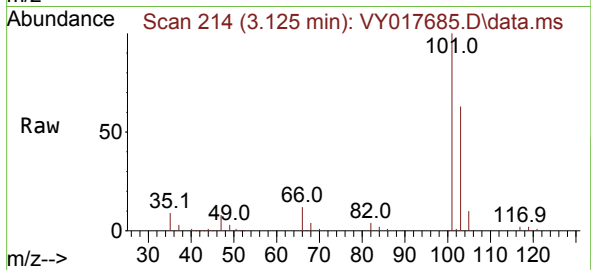




#7
Trichlorofluoromethane
Concen: 48.756 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY017685.D
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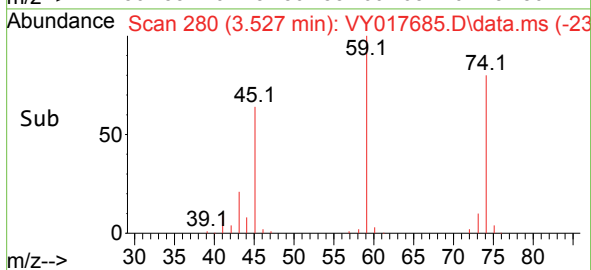
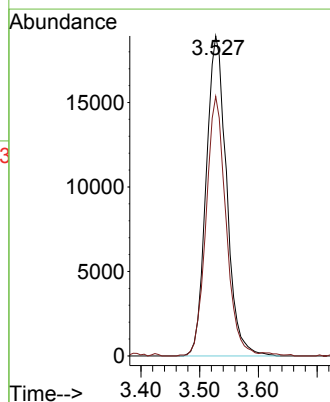
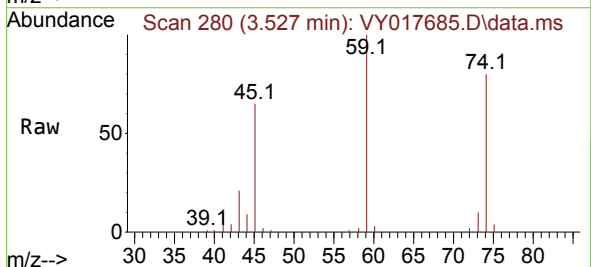
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ClientSampleId :
VSTDCCC050EC

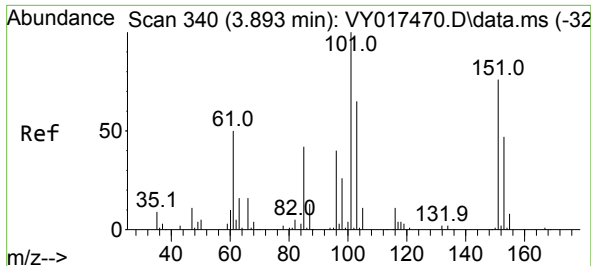
Tgt Ion:101 Resp: 134212
Ion Ratio Lower Upper
101 100
103 62.6 49.3 73.9



#8
Diethyl Ether
Concen: 56.408 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 74 Resp: 45542
Ion Ratio Lower Upper
74 100
45 79.5 41.3 124.1

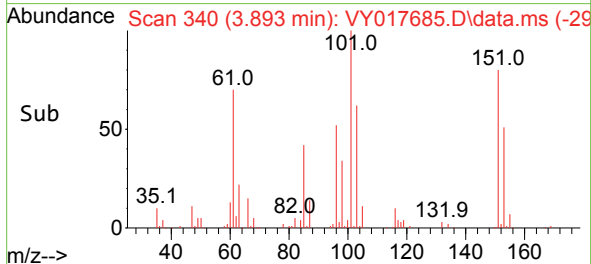
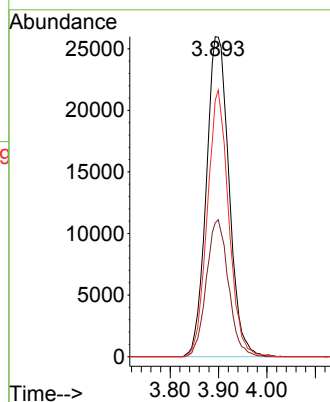
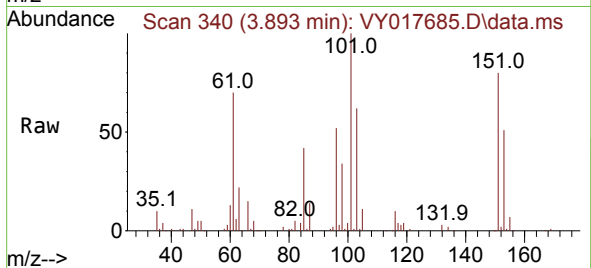




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.531 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY017685.D
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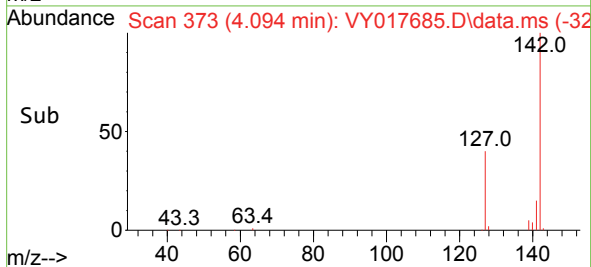
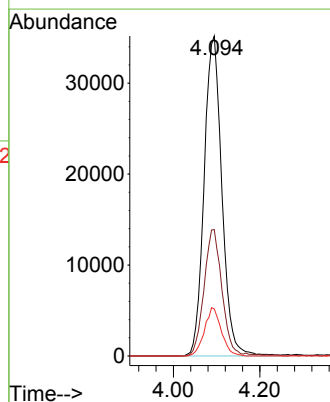
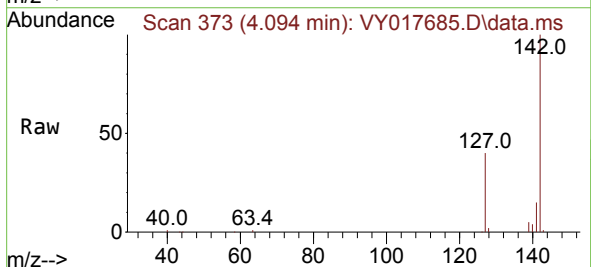
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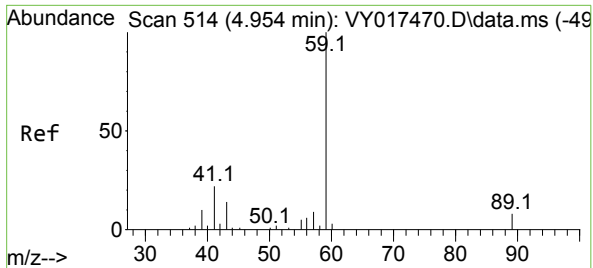
Tgt Ion:101 Resp: 84759
Ion Ratio Lower Upper
101 100
85 41.7 34.5 51.7
151 78.2 61.7 92.5



#10
Methyl Iodide
Concen: 56.405 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion:142 Resp: 100229
Ion Ratio Lower Upper
142 100
127 39.6 32.8 49.2
141 14.3 11.4 17.2

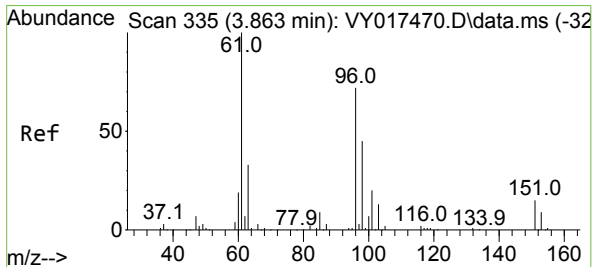
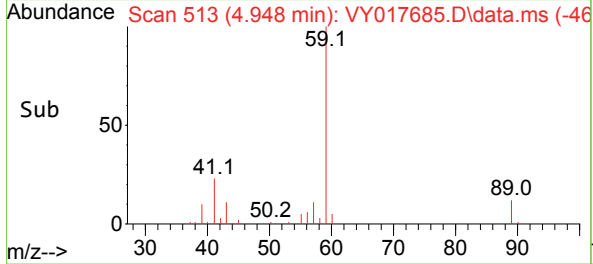
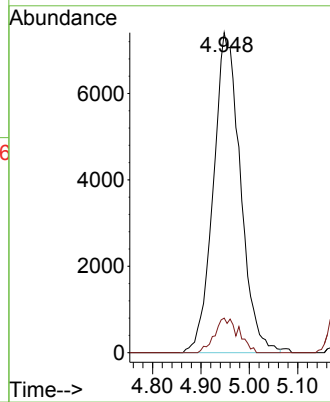
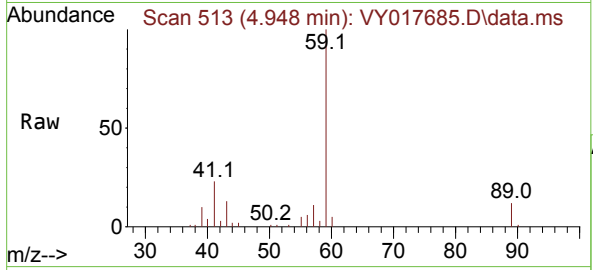




#11
Tert butyl alcohol
Concen: 228.868 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

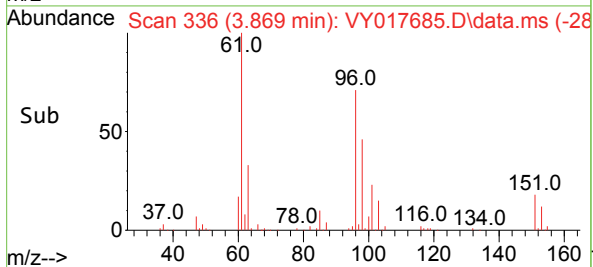
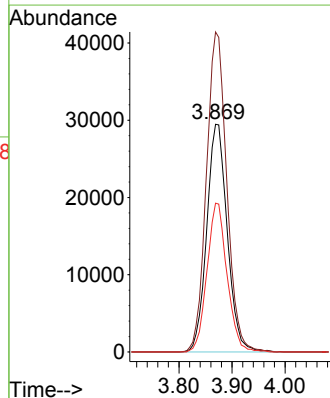
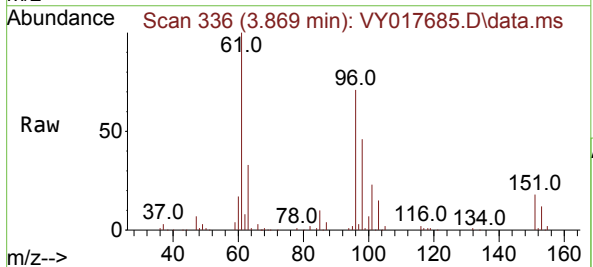
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

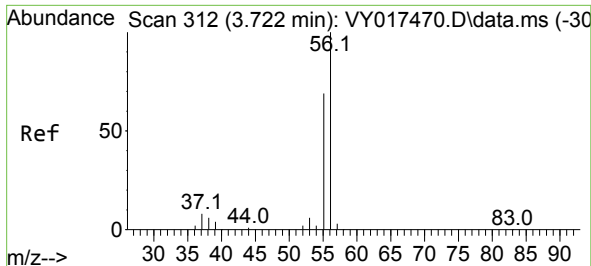
Tgt Ion: 59 Resp: 28780
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 53.750 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 96 Resp: 79313
Ion Ratio Lower Upper
96 100
61 140.5 114.6 171.8
98 65.3 50.8 76.2





#13

Acrolein

Concen: 120.984 ug/l

RT: 3.728 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

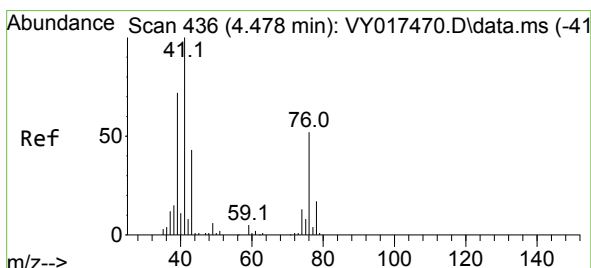
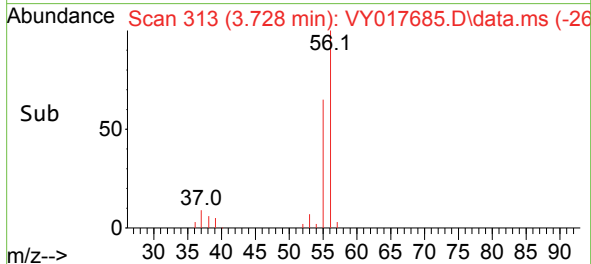
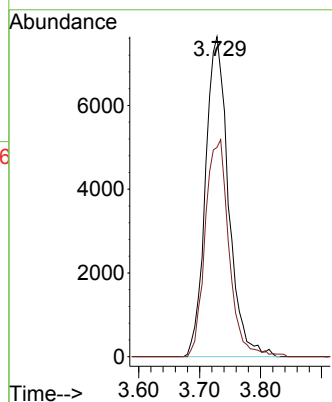
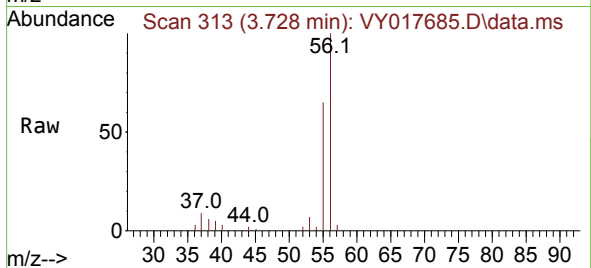
VSTDCCC050EC

Tgt Ion: 56 Resp: 20074

Ion Ratio Lower Upper

56 100

55 70.0 55.7 83.5



#14

Allyl chloride

Concen: 54.506 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

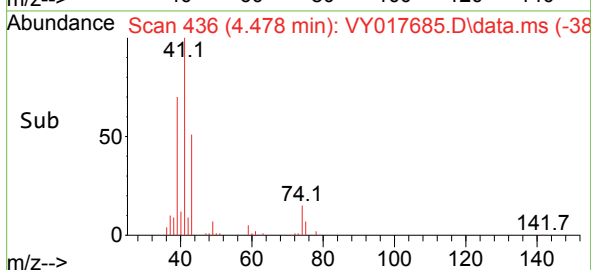
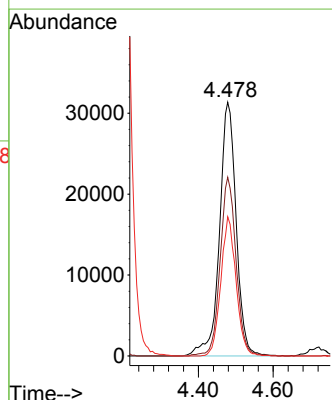
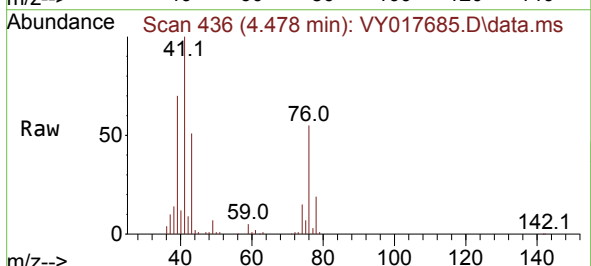
Tgt Ion: 41 Resp: 97181

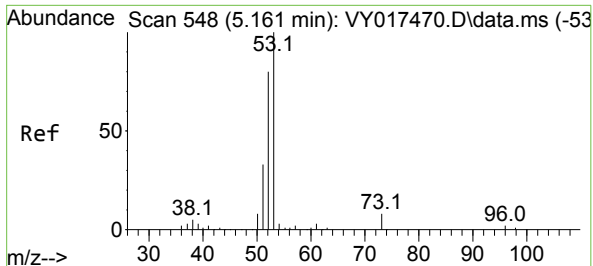
Ion Ratio Lower Upper

41 100

39 67.7 58.3 87.5

76 50.1 39.0 58.6

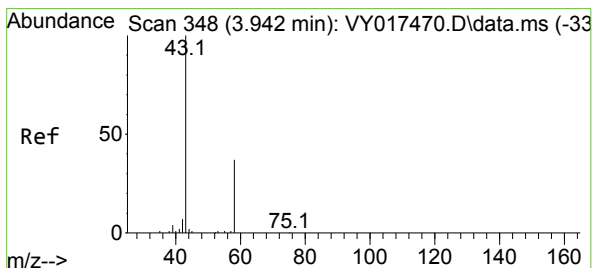
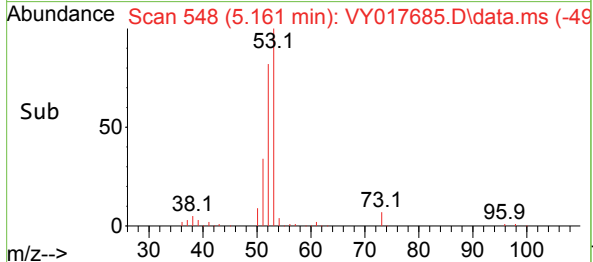
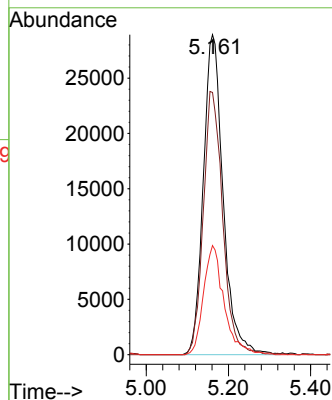
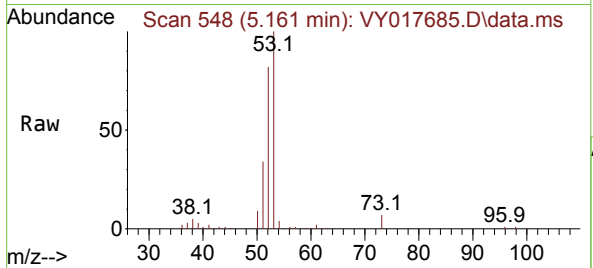




#15
Acrylonitrile
Concen: 291.892 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

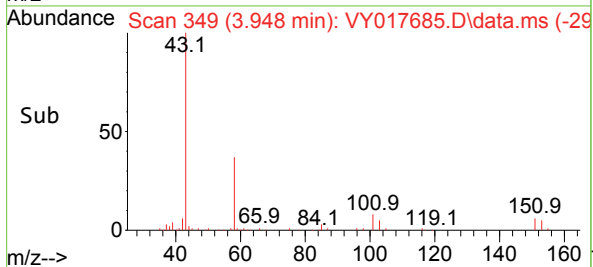
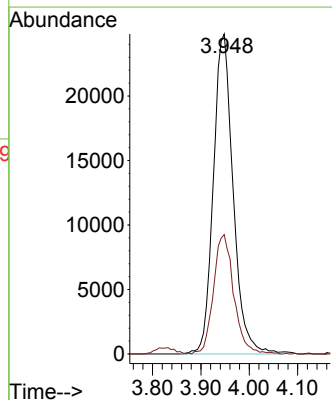
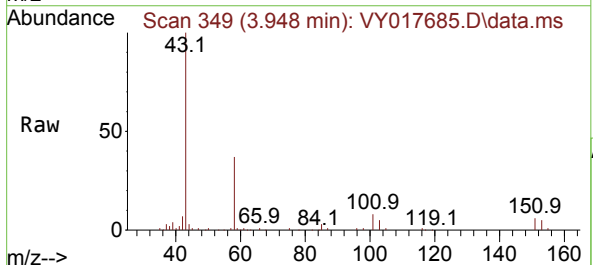
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

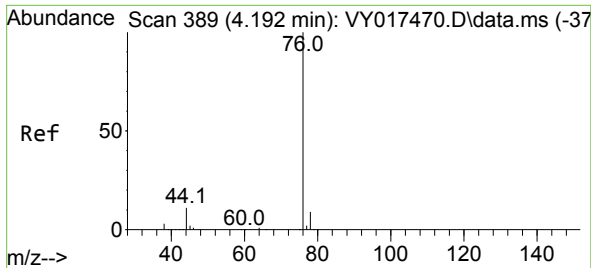
Tgt Ion:	53	Resp:	96877
Ion	Ratio	Lower	Upper
53	100		
52	80.5	64.7	97.1
51	35.3	28.4	42.6



#16
Acetone
Concen: 245.516 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion:	43	Resp:	70496
Ion	Ratio	Lower	Upper
43	100		
58	37.3	31.7	47.5

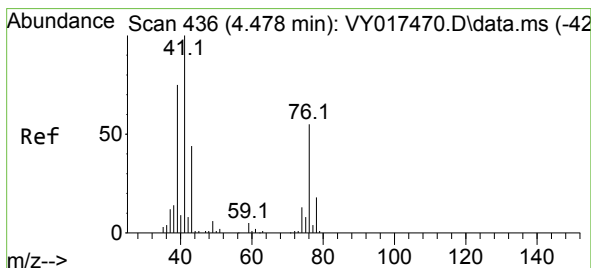
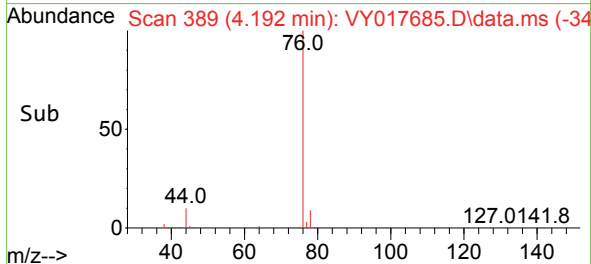
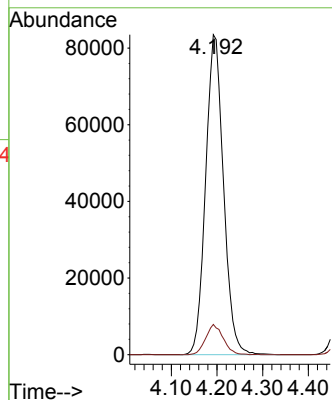
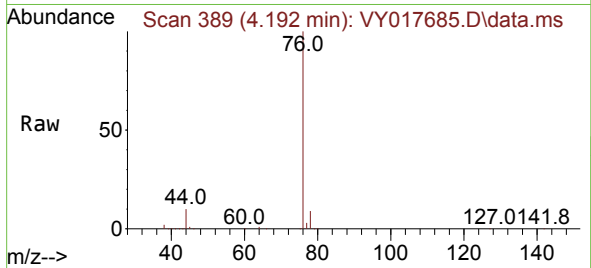




#17
Carbon Disulfide
Concen: 51.161 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

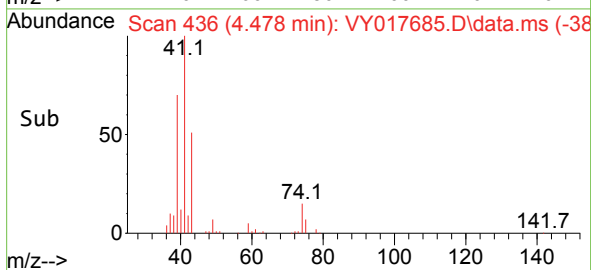
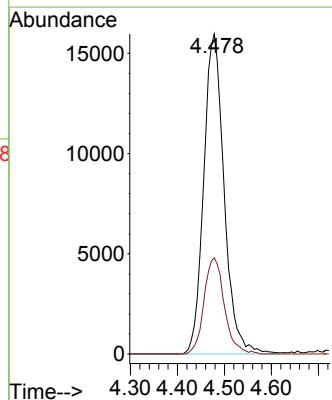
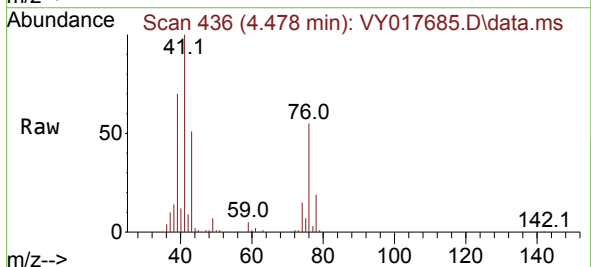
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 226597
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 69.200 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 43 Resp: 48205
Ion Ratio Lower Upper
43 100
74 29.8 23.3 34.9

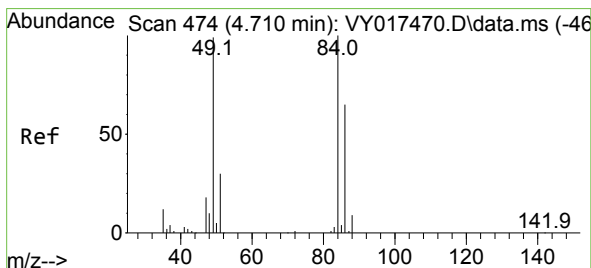
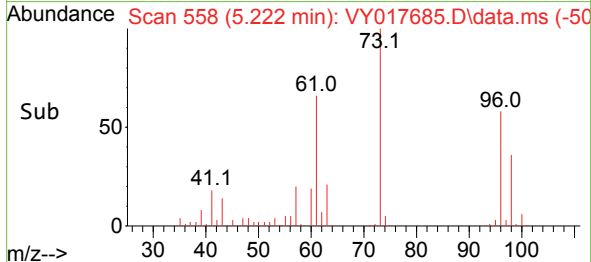
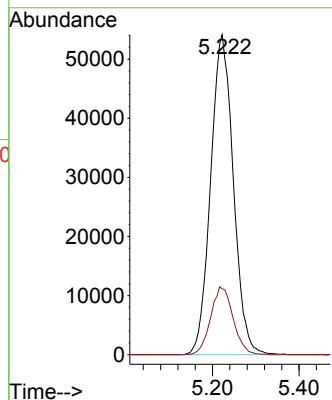
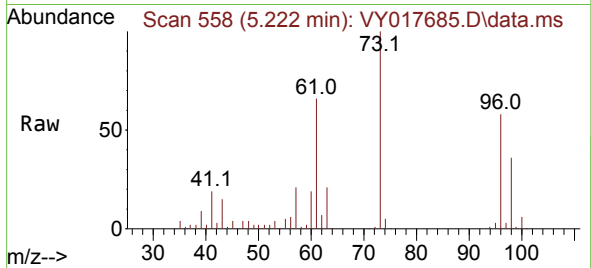




#19
Methyl tert-butyl Ether
Concen: 57.333 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

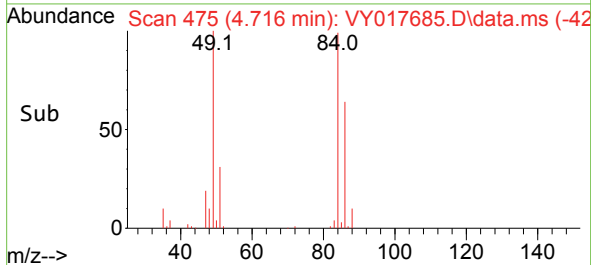
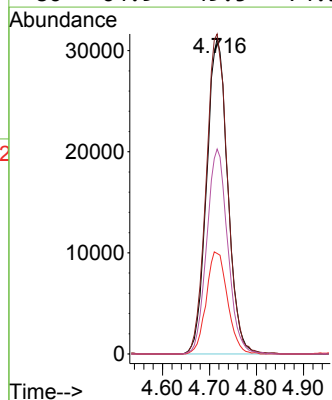
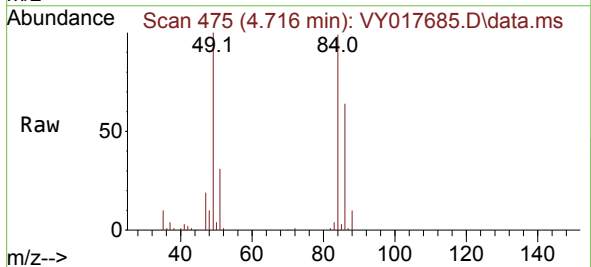
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 197186
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 58.448 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 84 Resp: 97040
Ion Ratio Lower Upper
84 100
49 101.3 84.4 126.6
51 31.8 26.0 39.0
86 64.9 49.5 74.3

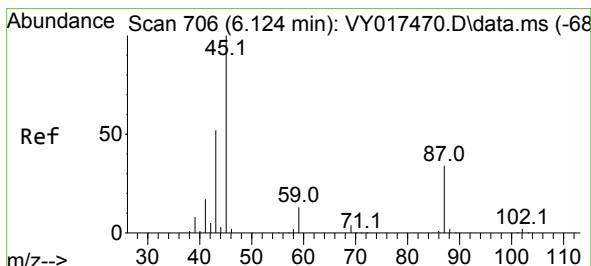
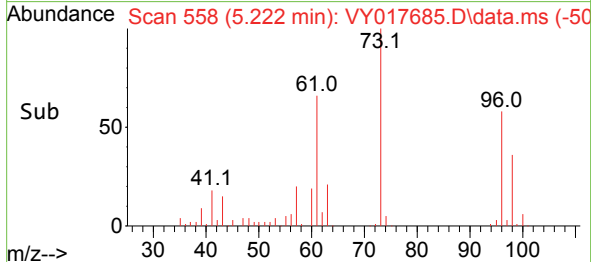
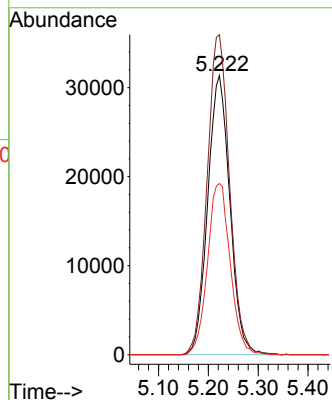
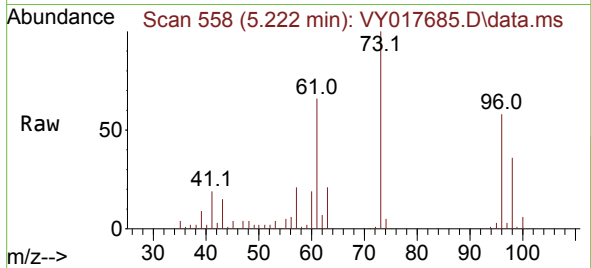




#21
trans-1,2-Dichloroethene
Concen: 55.959 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

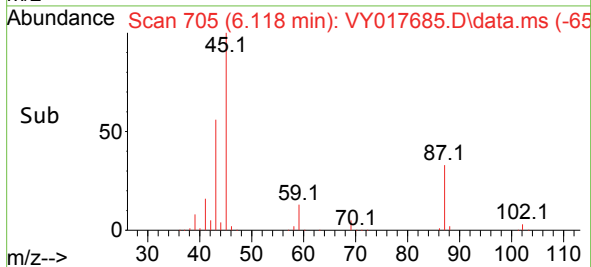
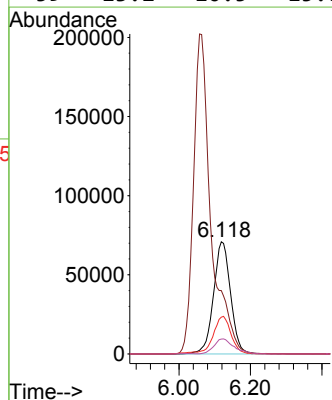
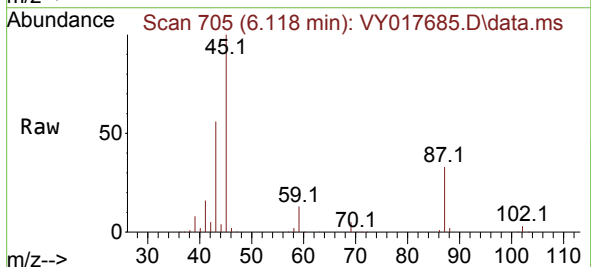
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

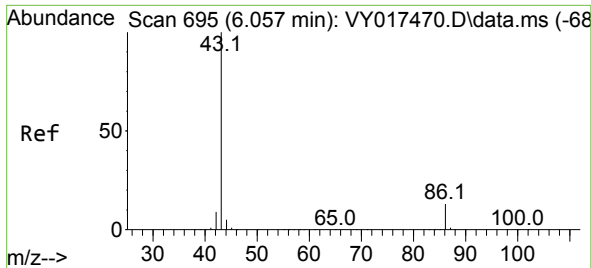
Tgt Ion: 96 Resp: 96681
Ion Ratio Lower Upper
96 100
61 114.6 97.5 146.3
98 61.3 50.5 75.7



#22
Diisopropyl ether
Concen: 57.179 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 45 Resp: 235252
Ion Ratio Lower Upper
45 100
43 56.3 42.2 63.2
87 32.8 25.0 37.6
59 13.2 10.5 15.7

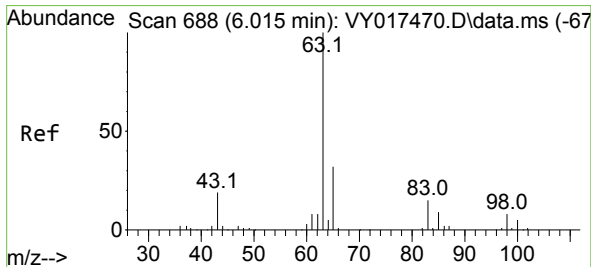
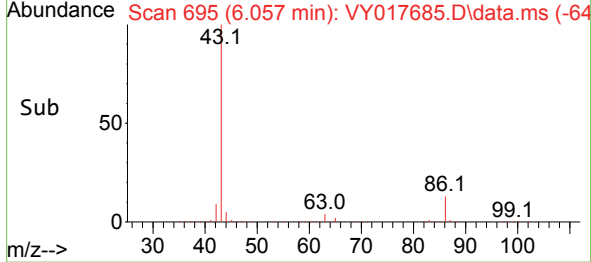
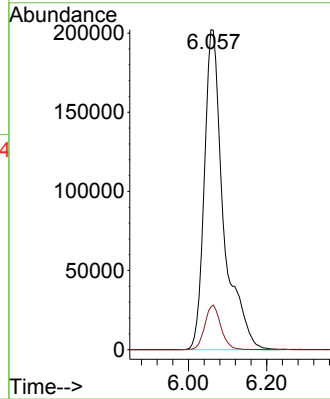
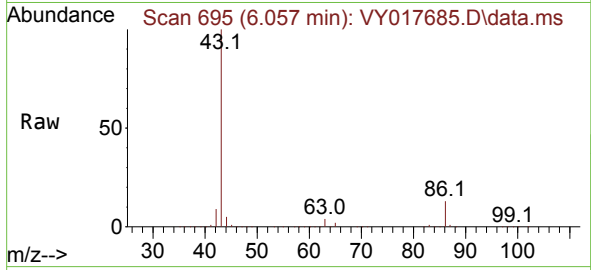




#23
 Vinyl Acetate
 Concen: 280.009 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY017685.D
 Acq: 15 Mar 2024 20:06

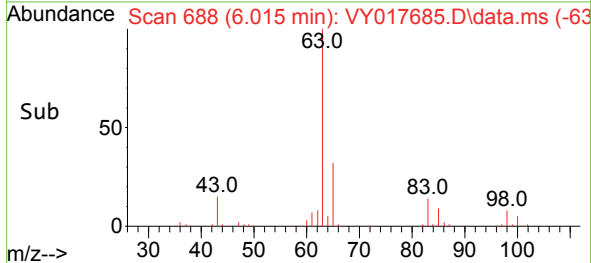
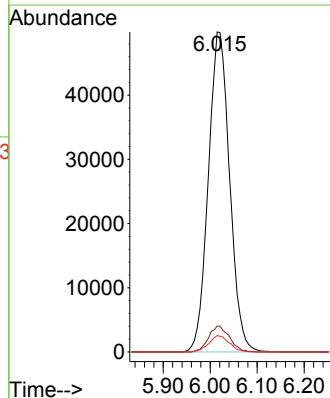
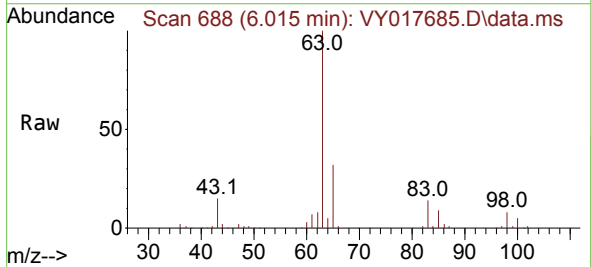
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

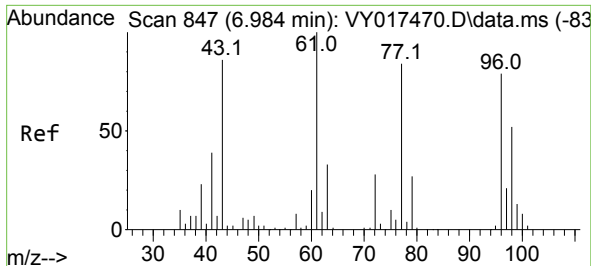
Tgt Ion: 43 Resp: 686494
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 55.788 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY017685.D
 Acq: 15 Mar 2024 20:06

Tgt Ion: 63 Resp: 156811
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.1 2.6 8.0





#25

2-Butanone

Concen: 272.425 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

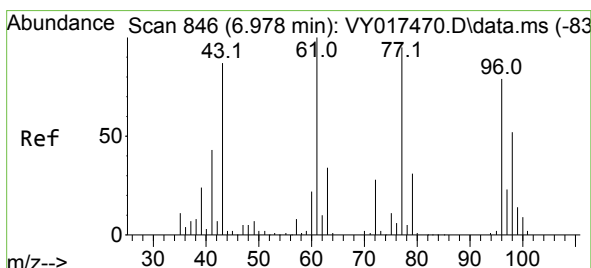
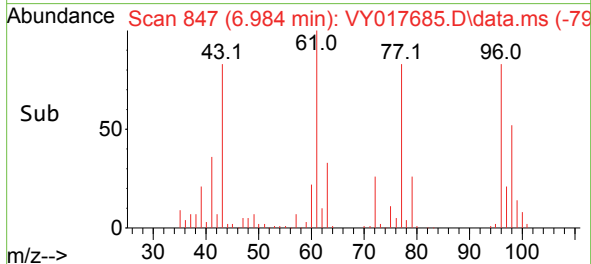
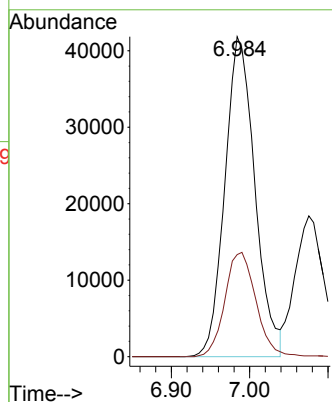
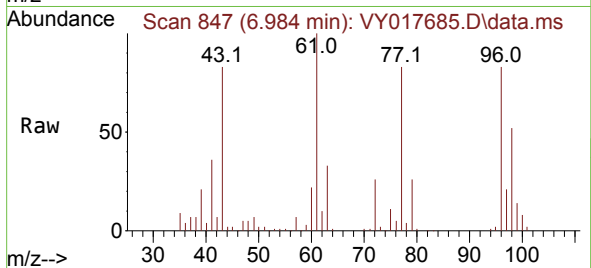
VSTDC050EC

Tgt Ion: 43 Resp: 111477

Ion Ratio Lower Upper

43 100

72 31.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 51.614 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017685.D

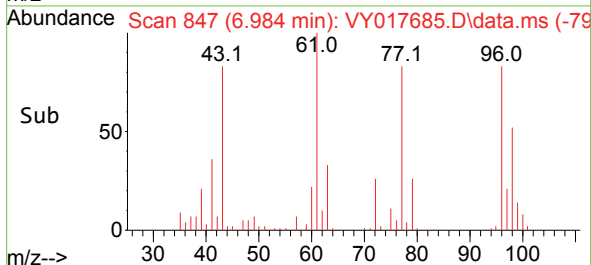
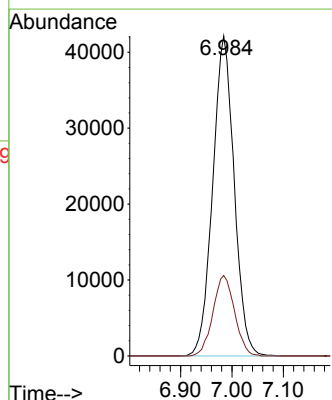
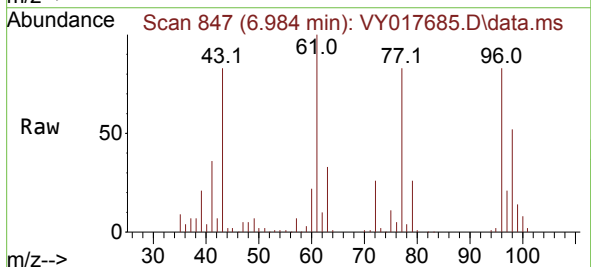
Acq: 15 Mar 2024 20:06

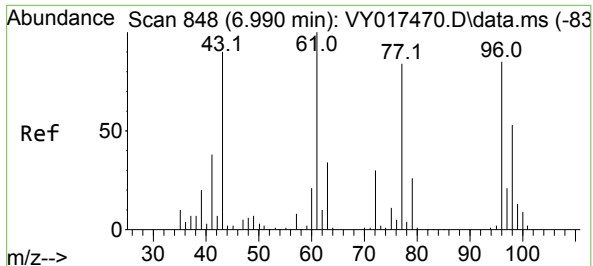
Tgt Ion: 77 Resp: 121976

Ion Ratio Lower Upper

77 100

97 25.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 57.771 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

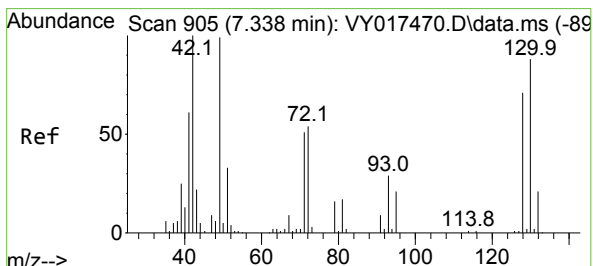
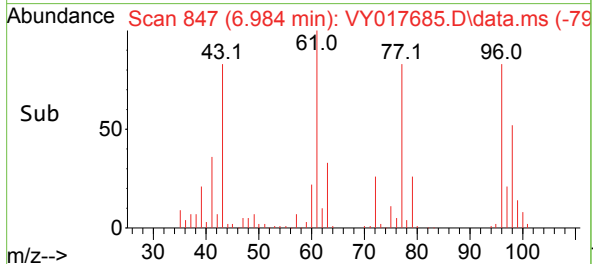
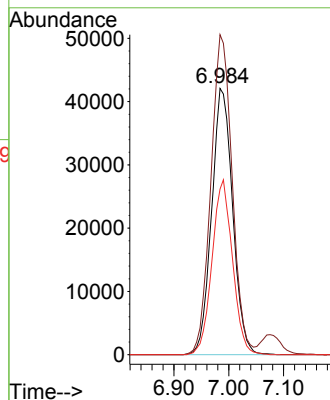
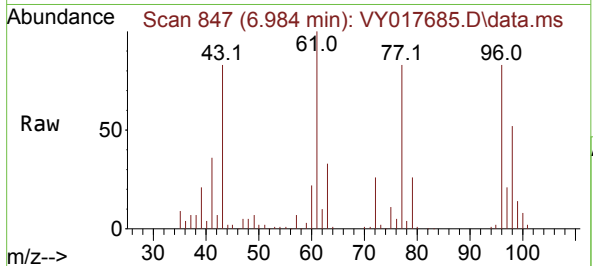
Tgt Ion: 96 Resp: 112067

Ion Ratio Lower Upper

96 100

61 121.7 0.0 256.2

98 63.8 0.0 130.0



#28

Bromochloromethane

Concen: 44.887 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

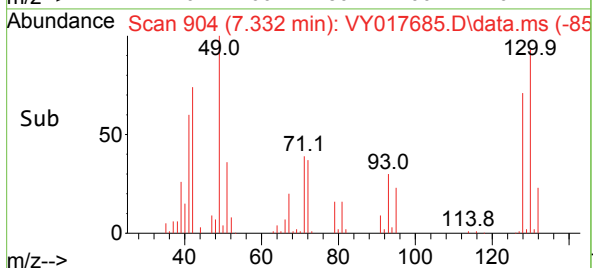
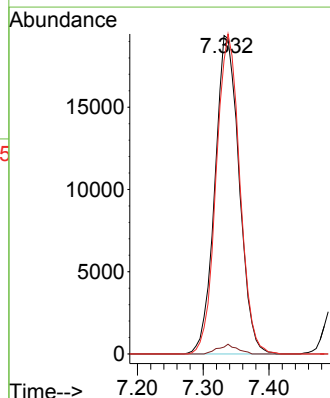
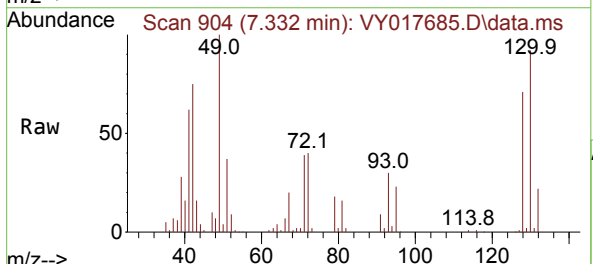
Tgt Ion: 49 Resp: 49690

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 98.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 296.432 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

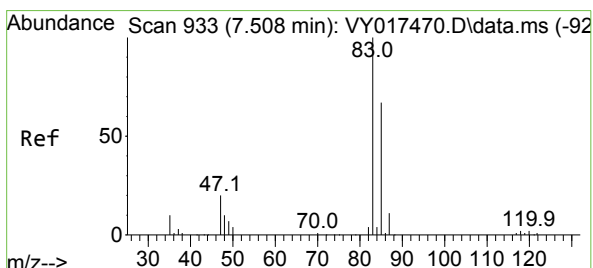
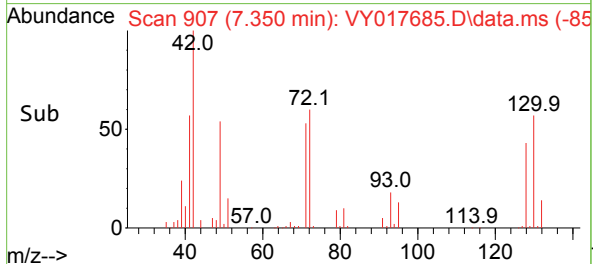
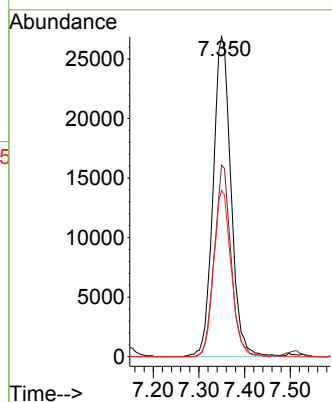
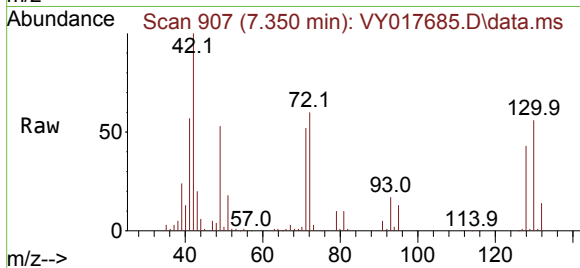
Tgt Ion: 42 Resp: 73121

Ion Ratio Lower Upper

42 100

72 55.7 43.0 64.4

71 51.0 40.8 61.2



#30

Chloroform

Concen: 56.687 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY017685.D

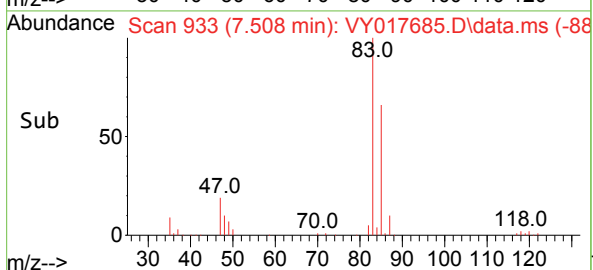
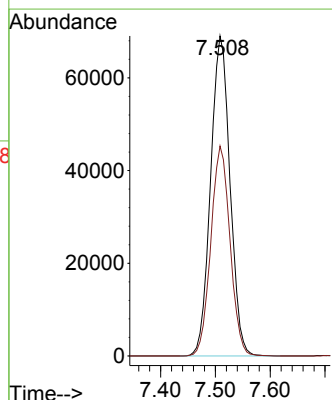
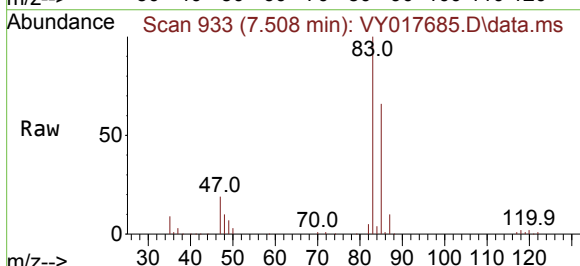
Acq: 15 Mar 2024 20:06

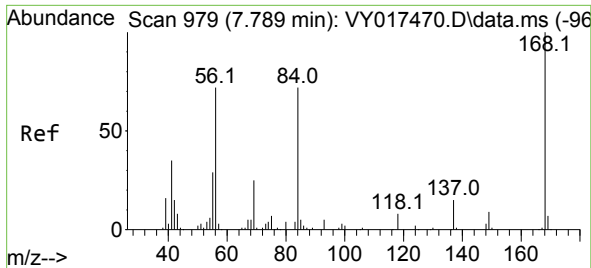
Tgt Ion: 83 Resp: 169643

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.4

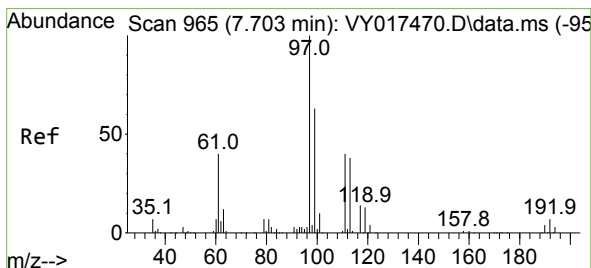
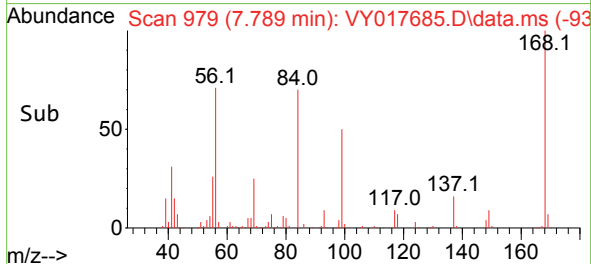
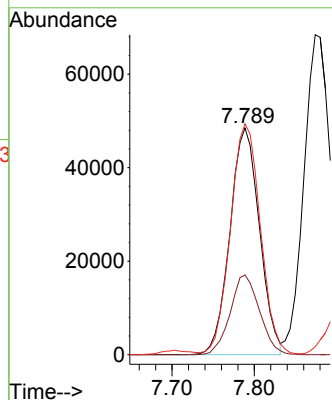
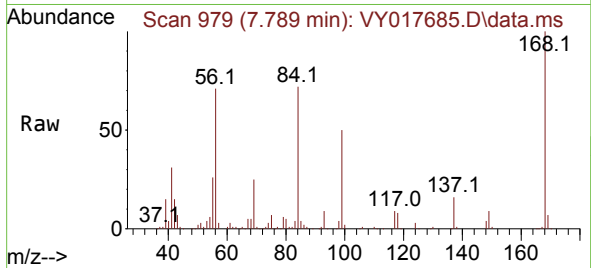




#31
Cyclohexane
Concen: 50.278 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

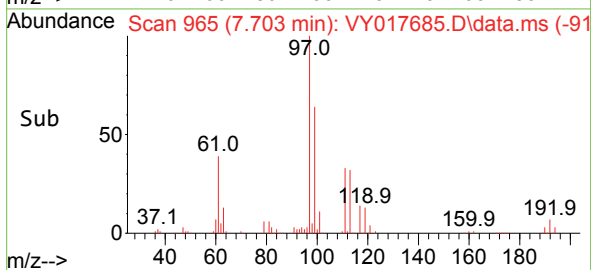
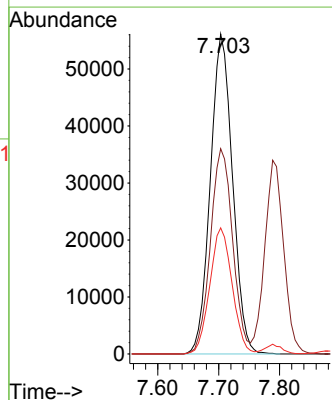
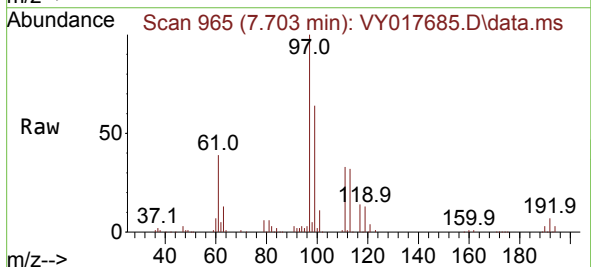
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

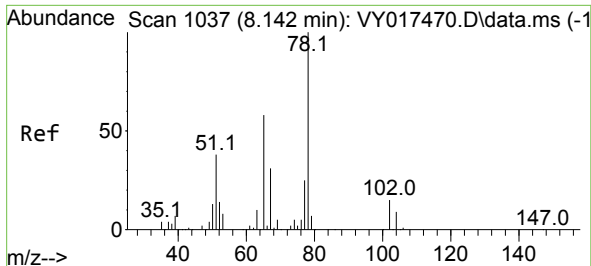
Tgt Ion: 56 Resp: 121129
Ion Ratio Lower Upper
56 100
69 35.2 28.7 43.1
84 100.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.576 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 97 Resp: 141795
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 39.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 42.621 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

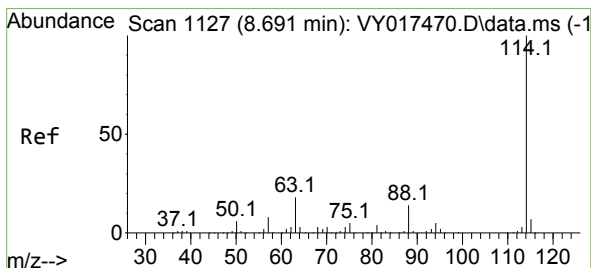
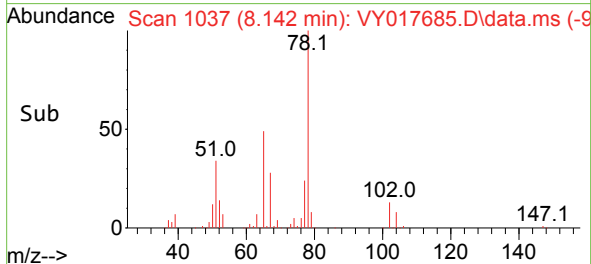
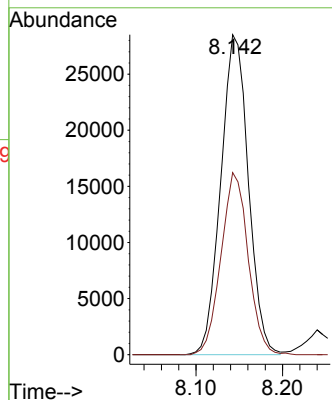
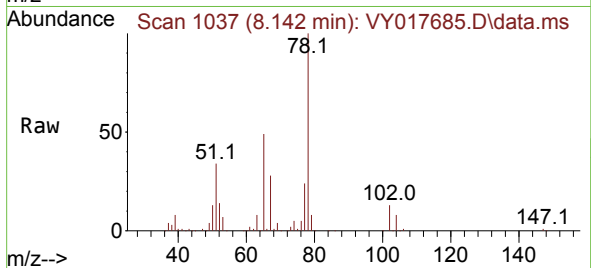
VSTDCCC050EC

Tgt Ion: 65 Resp: 63096

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

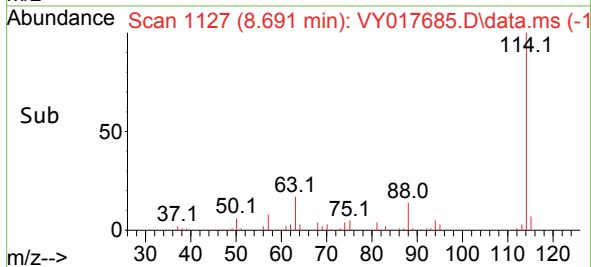
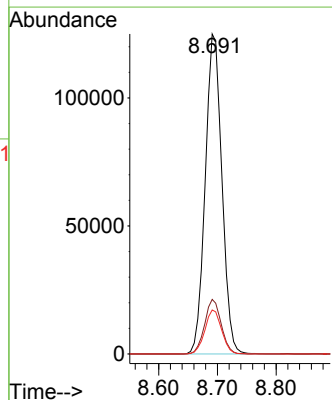
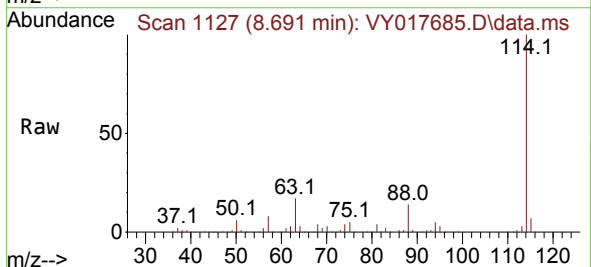
Tgt Ion: 114 Resp: 246057

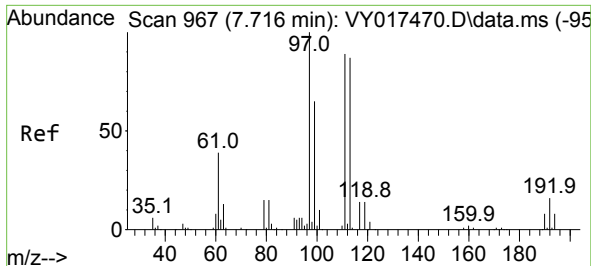
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

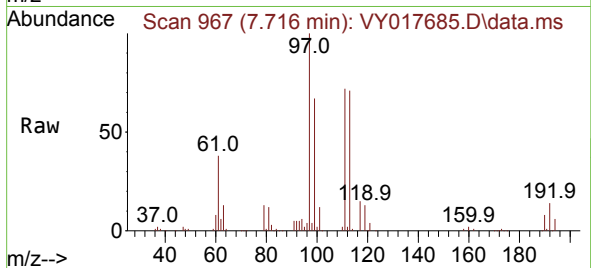
88 13.8 0.0 27.2



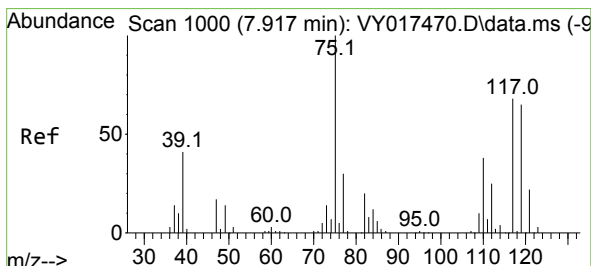
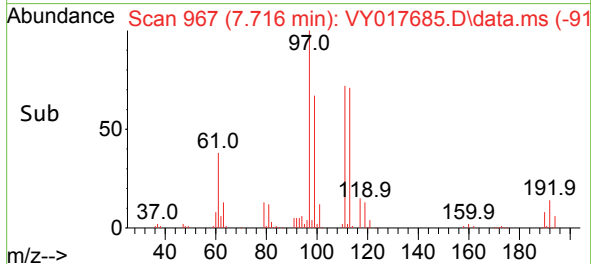
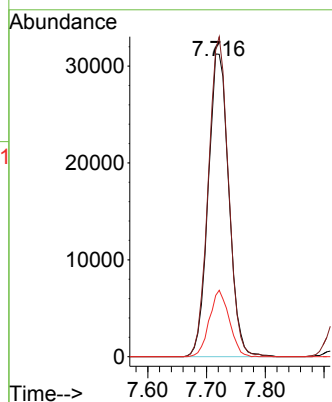


#35
Dibromofluoromethane
Concen: 44.579 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

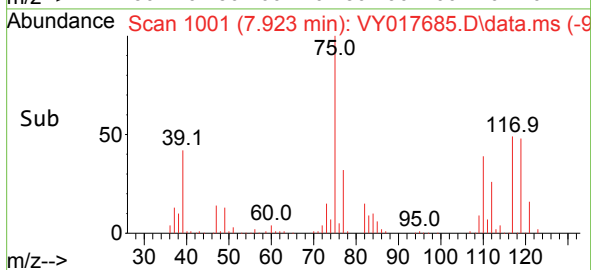
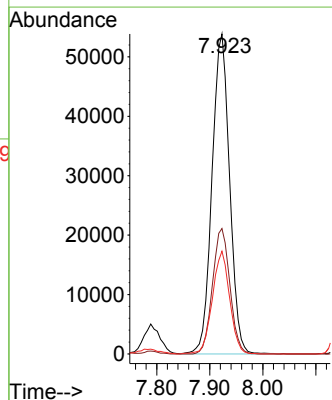
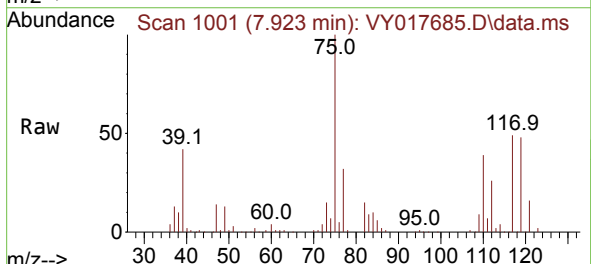


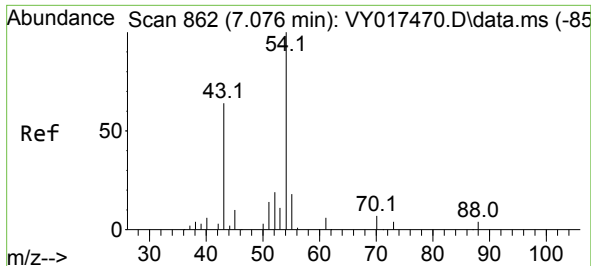
Tgt Ion:113 Resp: 76435
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 53.629 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 75 Resp: 124063
Ion Ratio Lower Upper
75 100
110 38.7 19.0 57.0
77 31.6 25.3 37.9

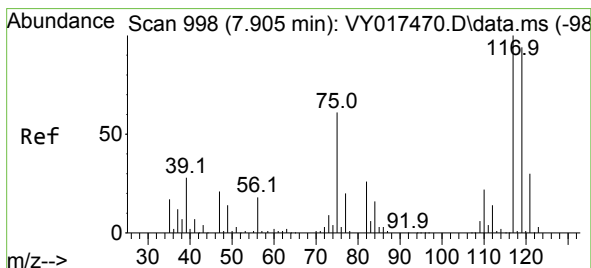
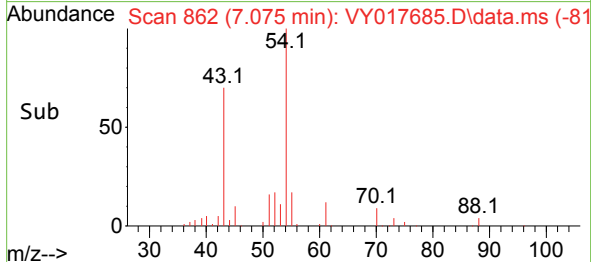
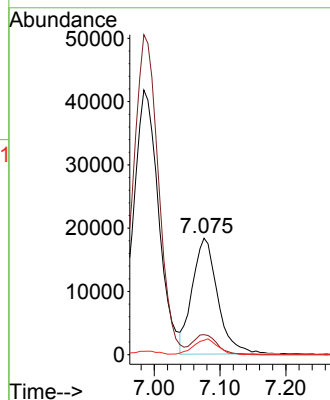
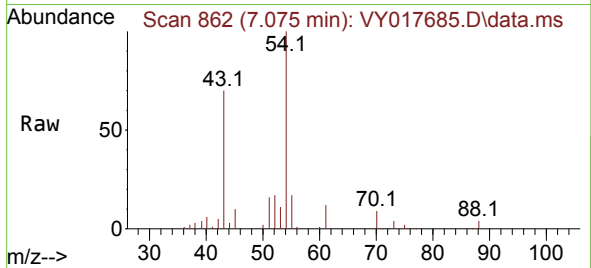




#37
Ethyl Acetate
Concen: 53.621 ug/l
RT: 7.075 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

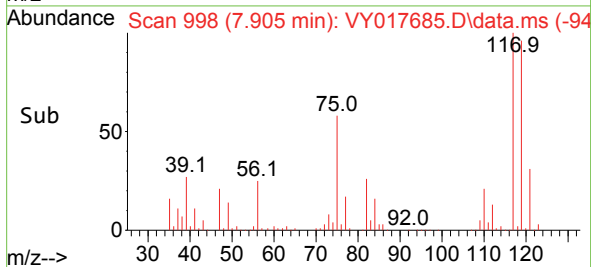
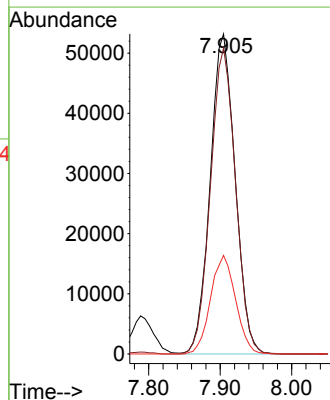
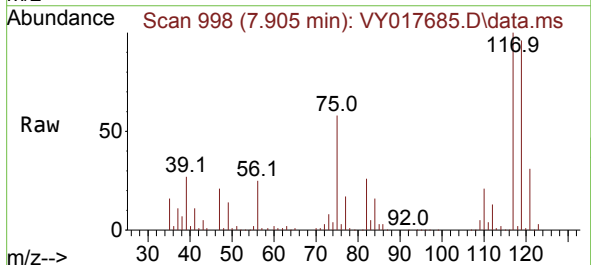
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

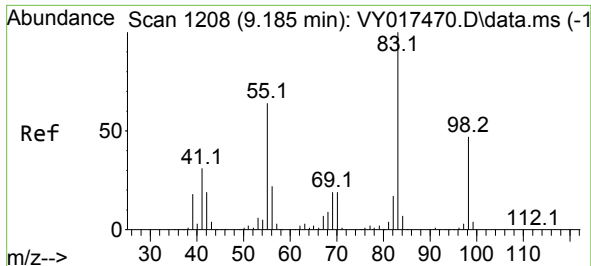
Tgt Ion: 43 Resp: 48993
Ion Ratio Lower Upper
43 100
61 17.1 12.6 19.0
70 12.9 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 55.545 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 117 Resp: 128781
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6
121 30.8 24.0 36.0





#39

Methylcyclohexane

Concen: 54.450 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

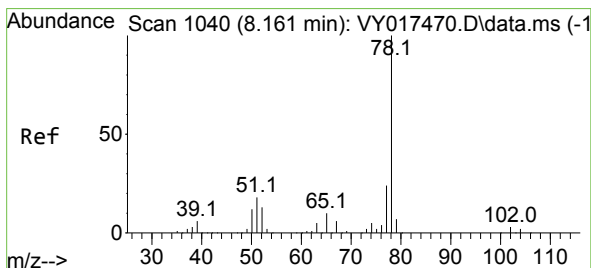
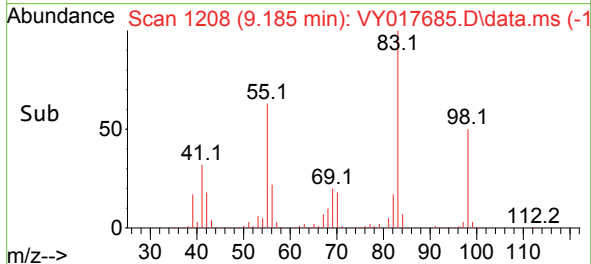
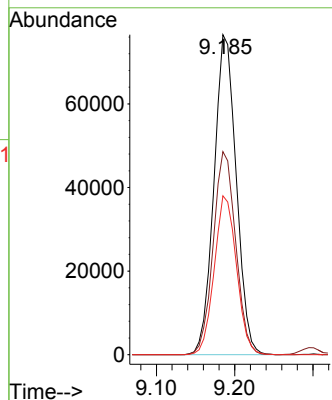
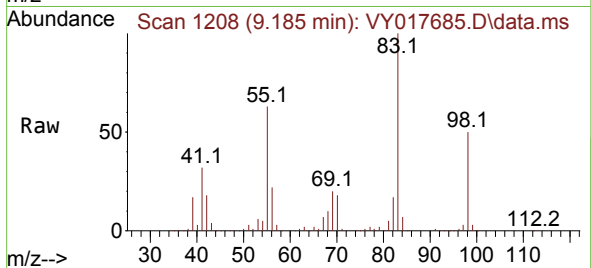
Tgt Ion: 83 Resp: 151381

Ion Ratio Lower Upper

83 100

55 63.5 51.5 77.3

98 49.7 40.5 60.7



#40

Benzene

Concen: 55.803 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017685.D

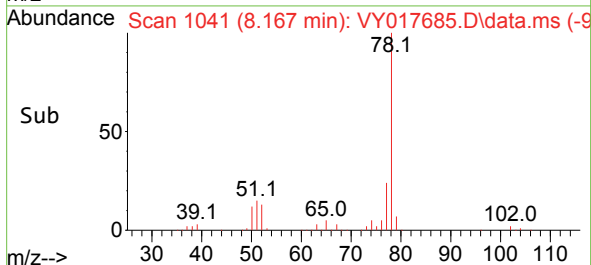
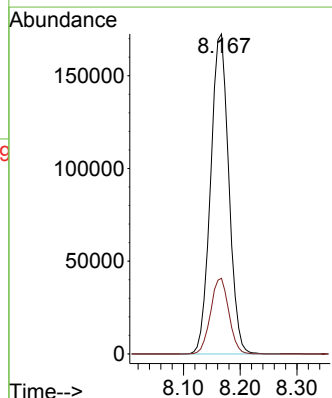
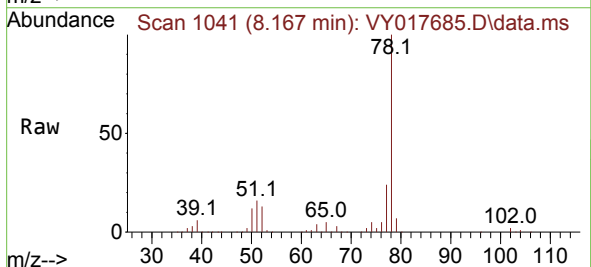
Acq: 15 Mar 2024 20:06

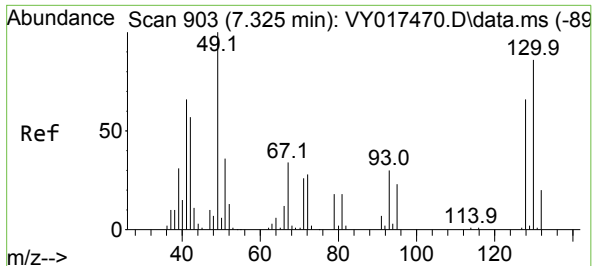
Tgt Ion: 78 Resp: 383369

Ion Ratio Lower Upper

78 100

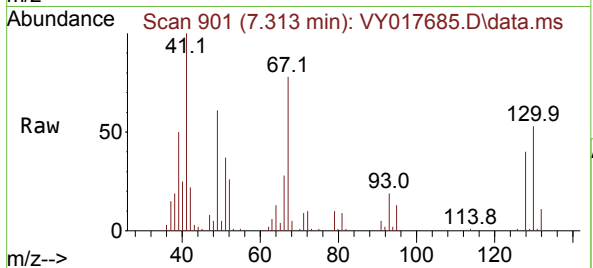
77 23.7 19.5 29.3





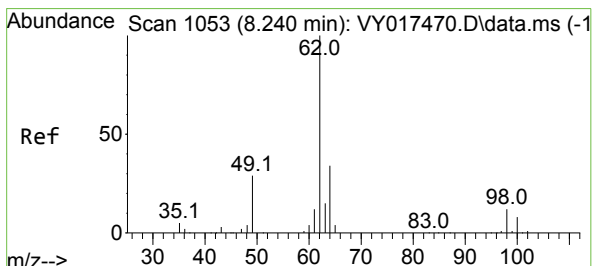
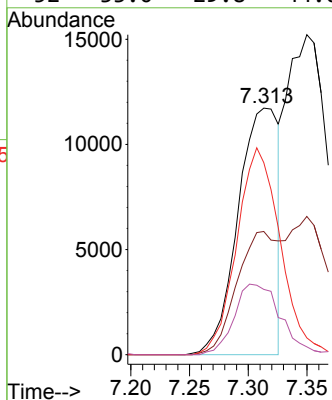
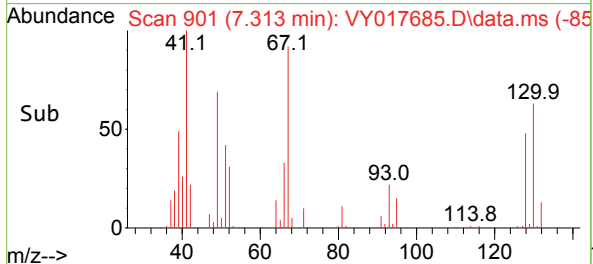
#41
Methacrylonitrile
Concen: 61.458 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 28179

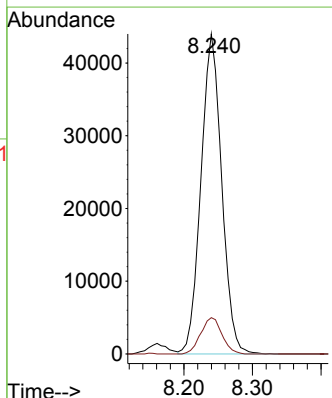
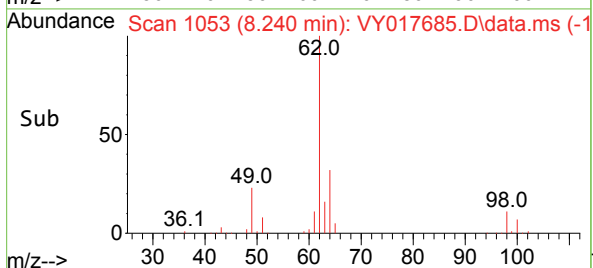
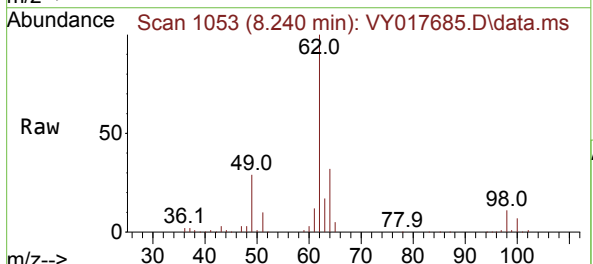
Ion	Ratio	Lower	Upper
41	100		
39	50.2	48.0	72.0
67	90.1	75.1	112.7
52	33.0	29.8	44.6

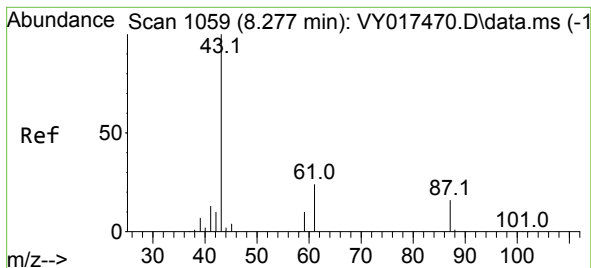


#42
1,2-Dichloroethane
Concen: 55.301 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 62 Resp: 92696

Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	22.0





#43

Isopropyl Acetate

Concen: 56.800 ug/l

RT: 8.276 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

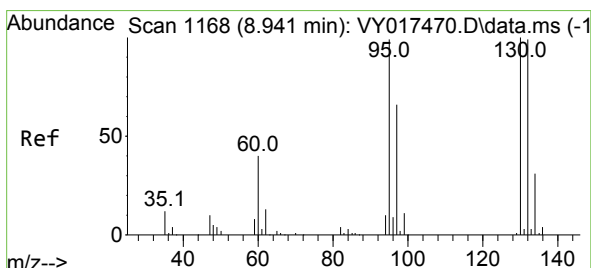
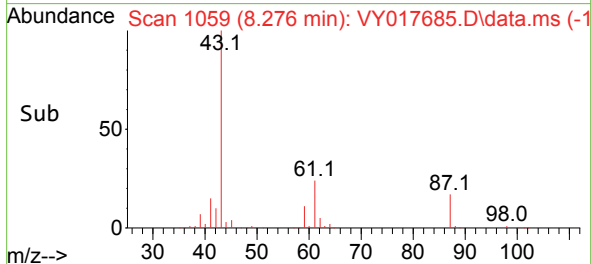
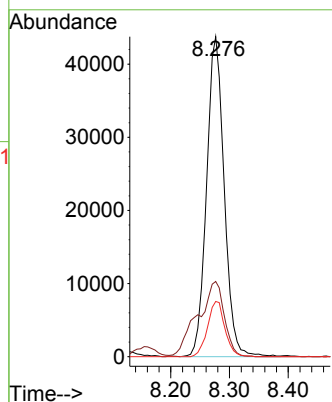
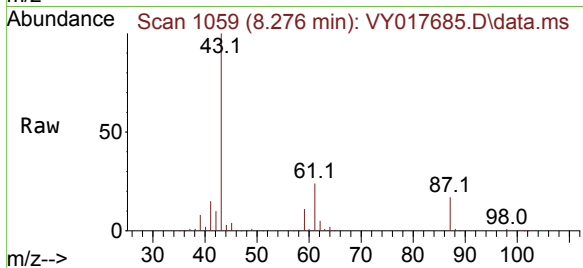
Tgt Ion: 43 Resp: 91198

Ion Ratio Lower Upper

43 100

61 35.4 27.9 41.9

87 17.1 13.1 19.7



#44

Trichloroethene

Concen: 55.276 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY017685.D

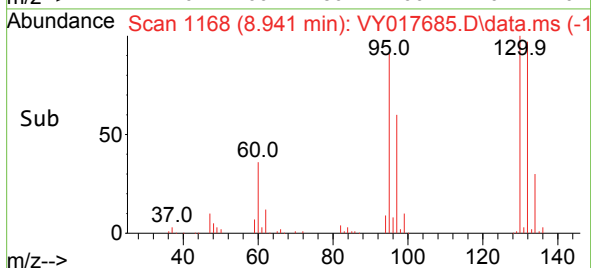
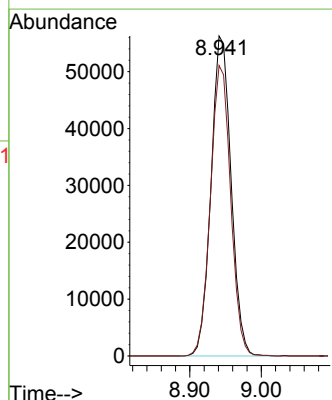
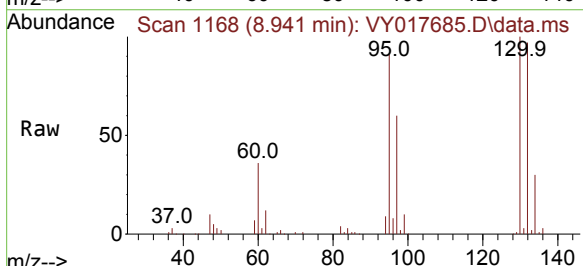
Acq: 15 Mar 2024 20:06

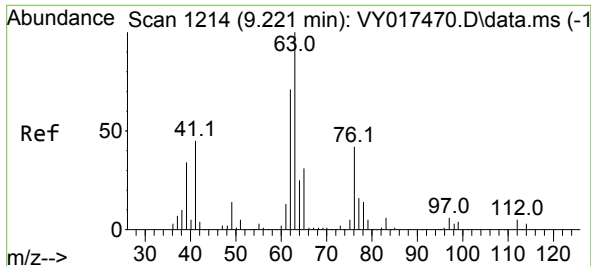
Tgt Ion:130 Resp: 109456

Ion Ratio Lower Upper

130 100

95 90.7 0.0 188.0

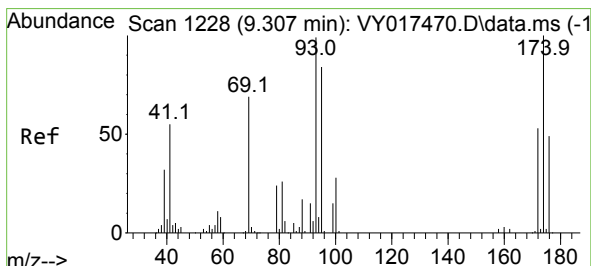
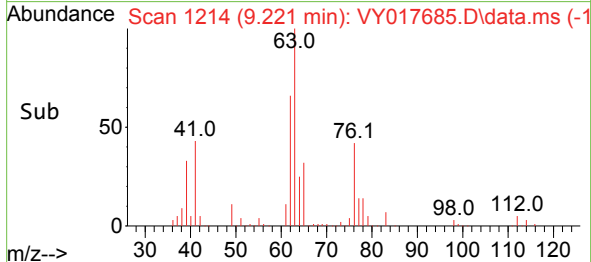
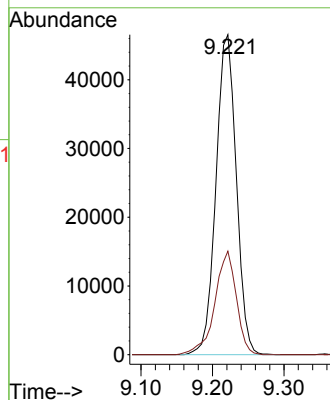
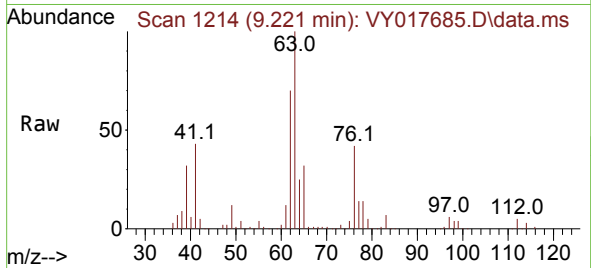




#45
1,2-Dichloropropane
Concen: 56.213 ug/l
RT: 9.221 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

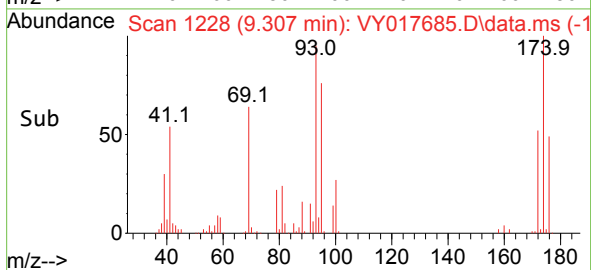
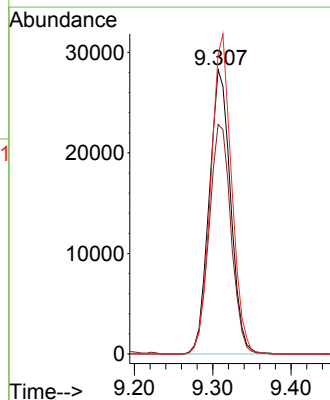
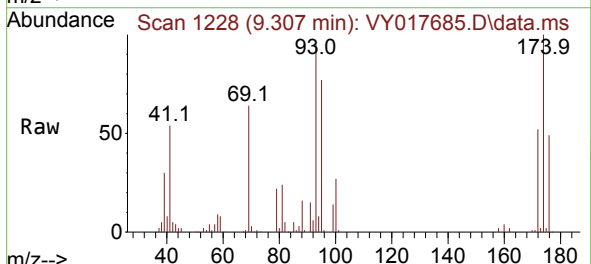
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

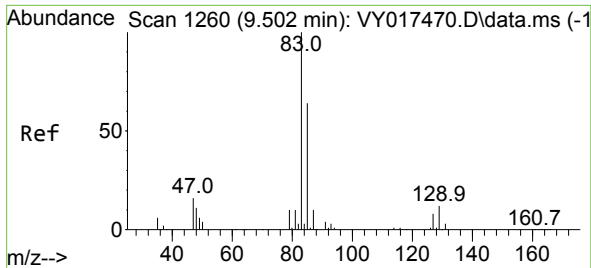
Tgt Ion: 63 Resp: 91880
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.2



#46
Dibromomethane
Concen: 57.313 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 93 Resp: 53612
Ion Ratio Lower Upper
93 100
95 82.6 66.2 99.4
174 109.2 80.9 121.3

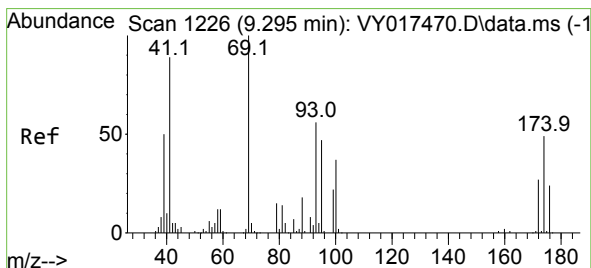
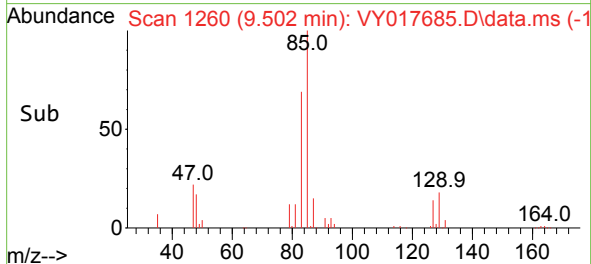
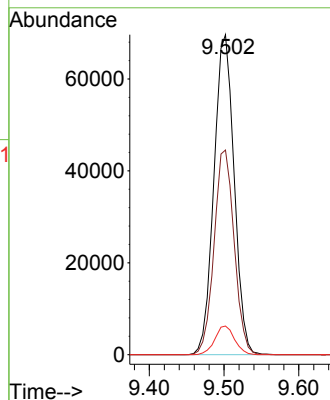
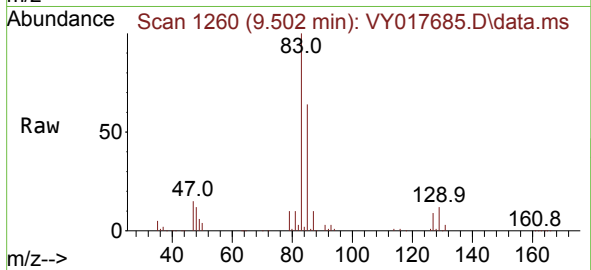




#47
Bromodichloromethane
Concen: 57.632 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

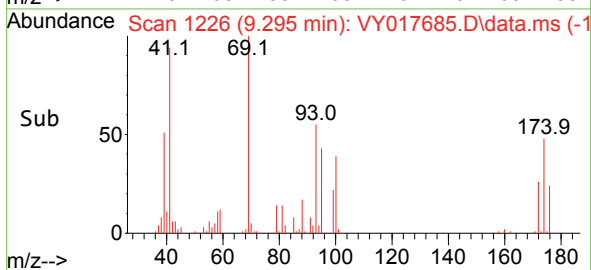
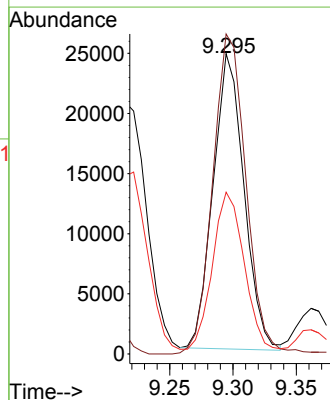
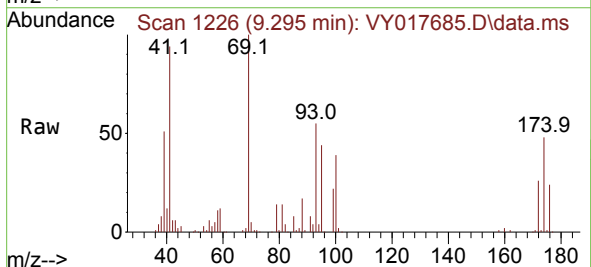
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

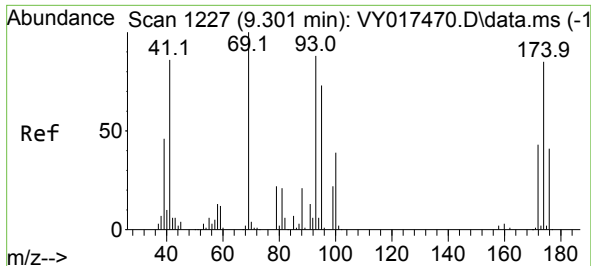
Tgt Ion: 83 Resp: 130898
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 56.153 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 41 Resp: 41733
Ion Ratio Lower Upper
41 100
69 116.7 84.1 126.1
39 57.9 43.6 65.4





#49

1,4-Dioxane

Concen: 1156.863 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

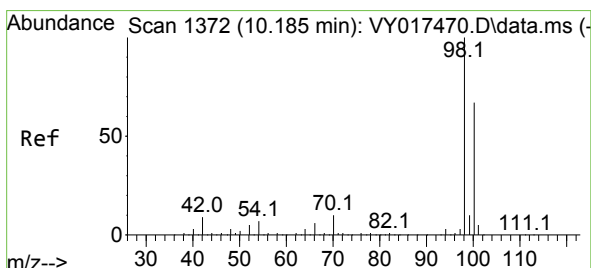
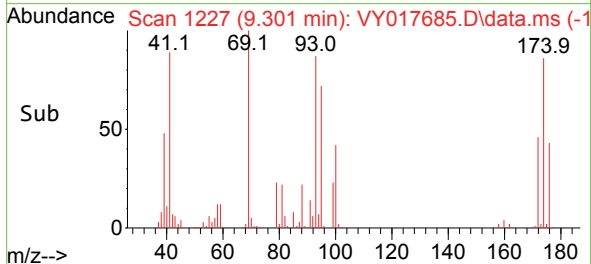
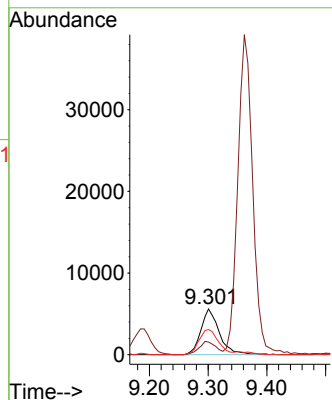
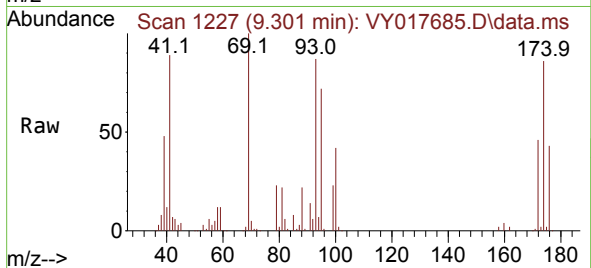
Tgt Ion: 88 Resp: 12247

Ion Ratio Lower Upper

88 100

43 26.7 0.0 0.0#

58 57.5 49.3 73.9



#50

Toluene-d8

Concen: 45.426 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY017685.D

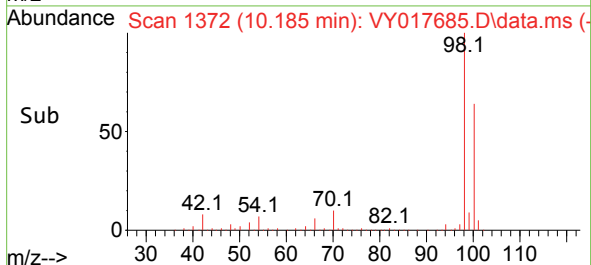
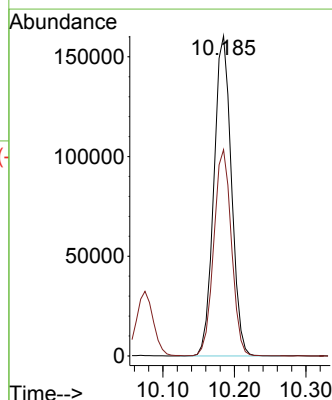
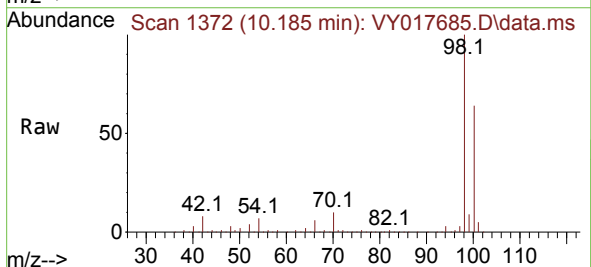
Acq: 15 Mar 2024 20:06

Tgt Ion: 98 Resp: 272325

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

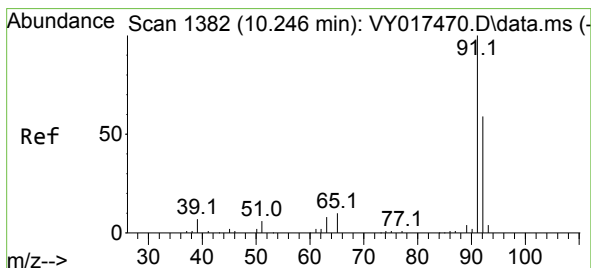
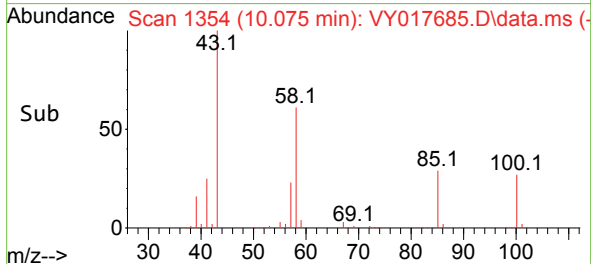
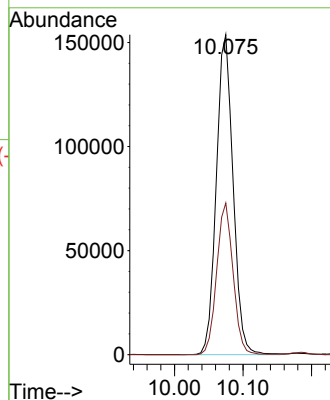
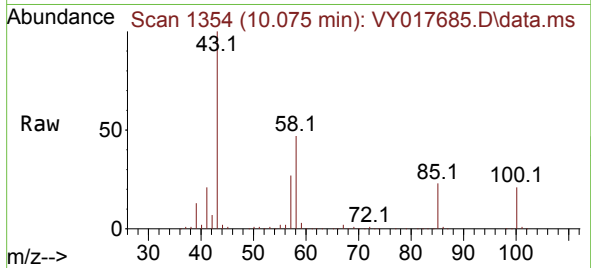




#51
4-Methyl-2-Pentanone
Concen: 291.509 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

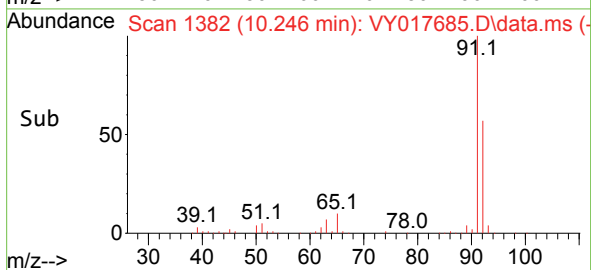
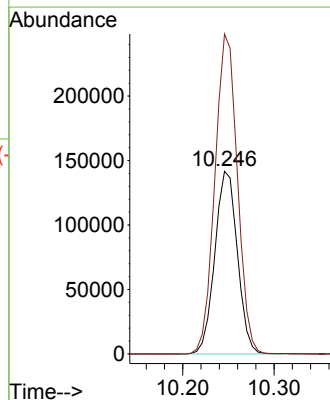
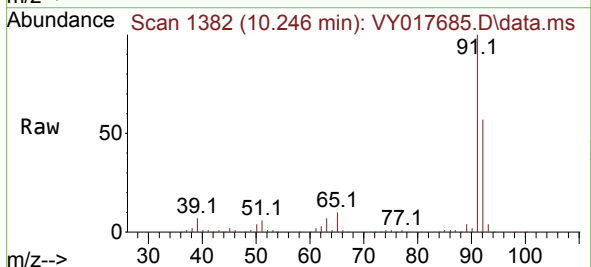
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

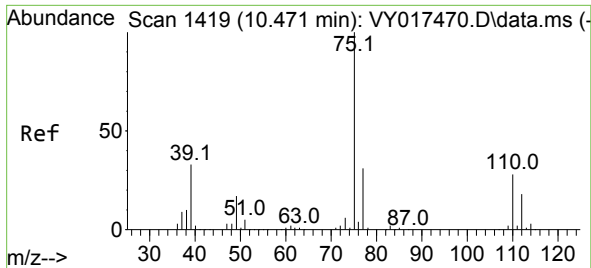
Tgt Ion: 43 Resp: 260857
Ion Ratio Lower Upper
43 100
58 46.3 35.7 53.5



#52
Toluene
Concen: 56.174 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 92 Resp: 243288
Ion Ratio Lower Upper
92 100
91 174.9 139.0 208.6

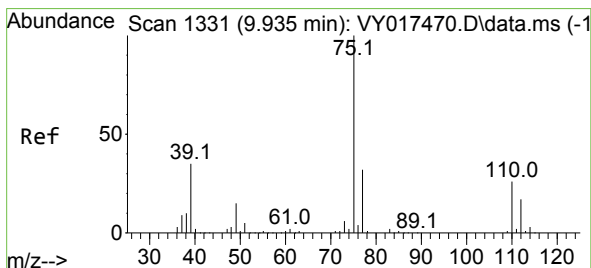
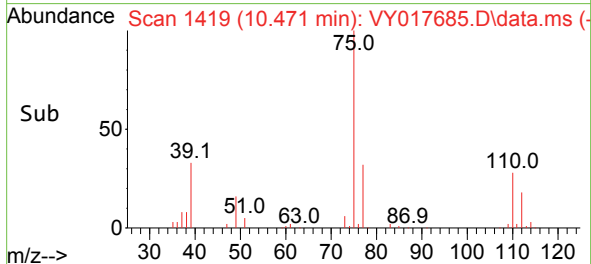
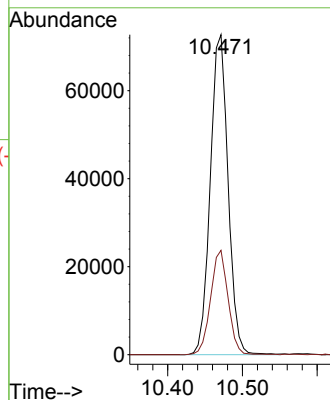
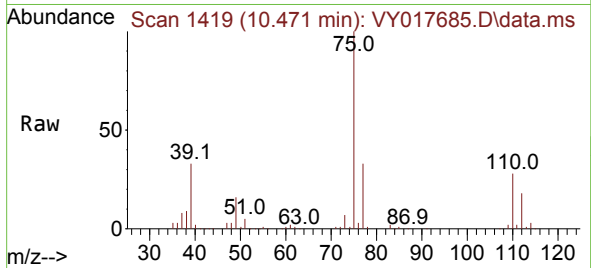




#53
 t-1,3-Dichloropropene
 Concen: 57.067 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.000 min
 Lab File: VY017685.D
 Acq: 15 Mar 2024 20:06

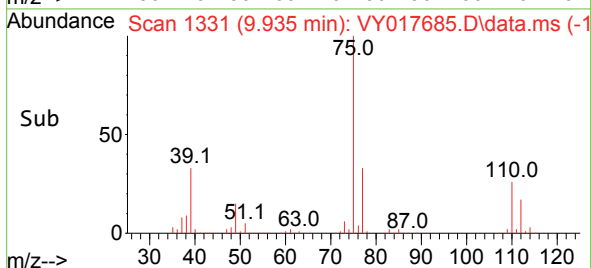
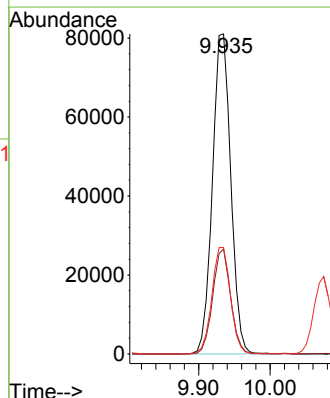
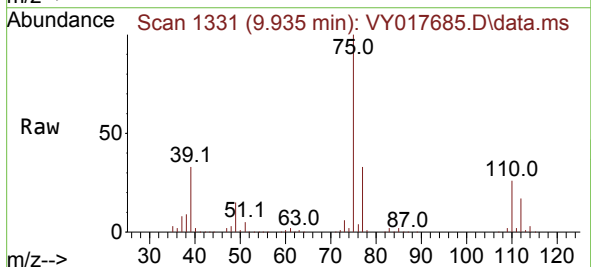
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

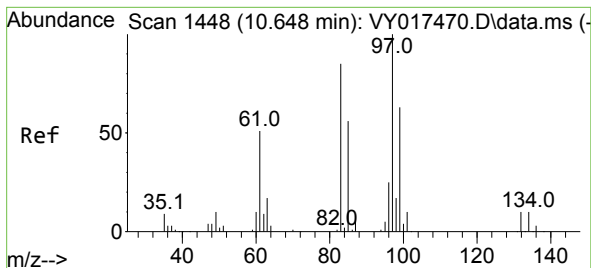
Tgt Ion: 75 Resp: 120306
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 56.460 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY017685.D
 Acq: 15 Mar 2024 20:06

Tgt Ion: 75 Resp: 144627
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0
 39 33.3 29.8 44.6

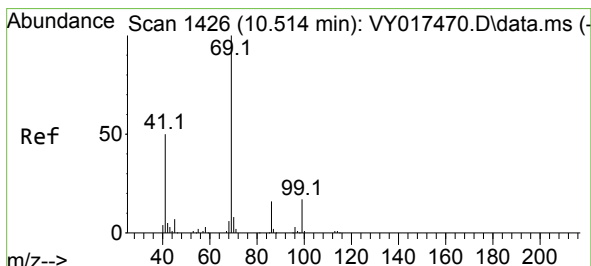
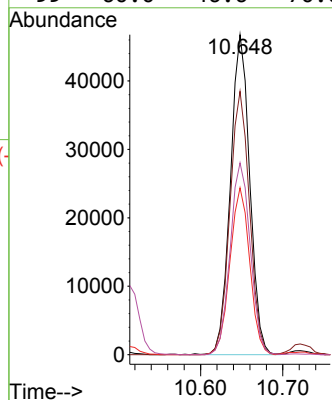
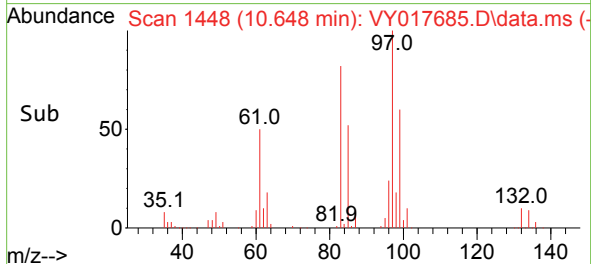
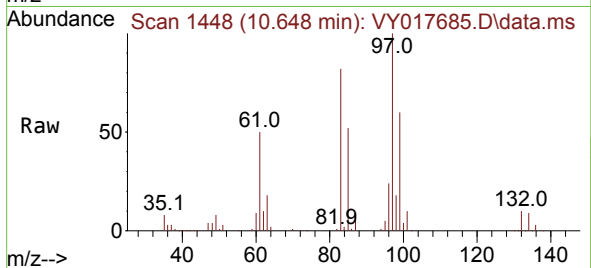




#55
 1,1,2-Trichloroethane
 Concen: 57.603 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. -0.000 min
 Lab File: VY017685.D
 Acq: 15 Mar 2024 20:06

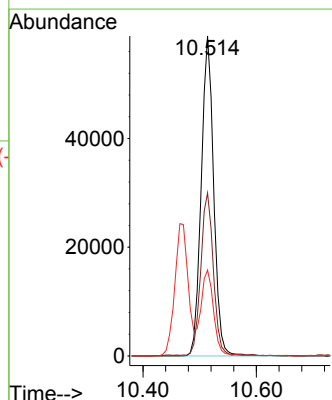
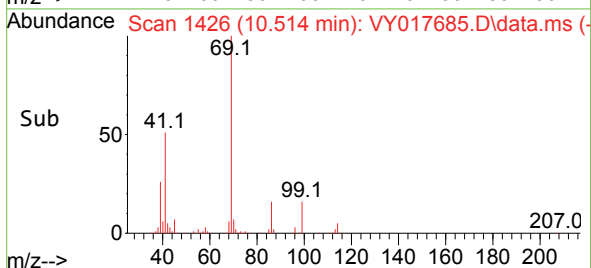
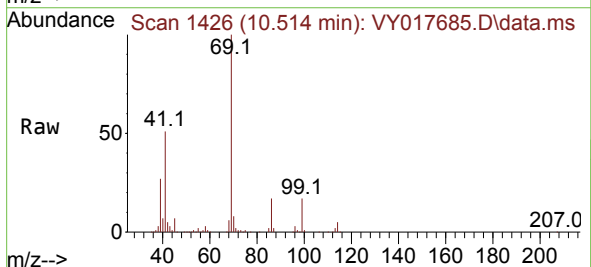
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	76505
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.5	101.3
85	52.2	42.9	64.3
99	60.0	46.6	70.0



#56
 Ethyl methacrylate
 Concen: 54.719 ug/l
 RT: 10.514 min Scan# 1426
 Delta R.T. -0.000 min
 Lab File: VY017685.D
 Acq: 15 Mar 2024 20:06

Tgt Ion:	69	Resp:	89817
Ion	Ratio	Lower	Upper
69	100		
41	51.0	42.3	63.5
39	27.4	22.9	34.3

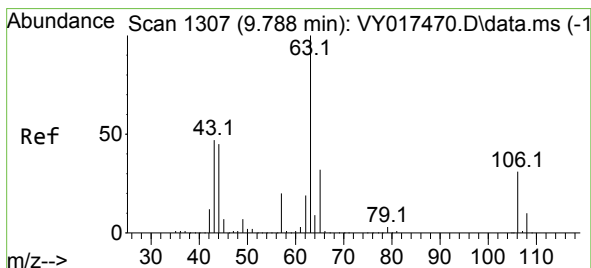
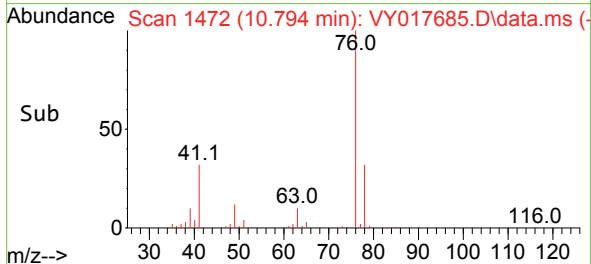
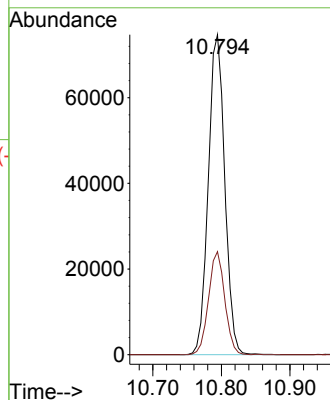
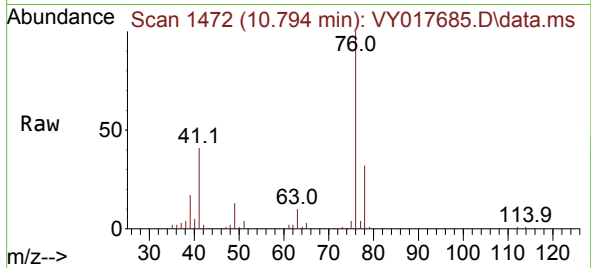




#57
1,3-Dichloropropane
Concen: 57.795 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

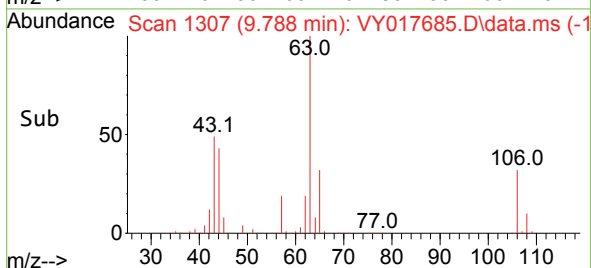
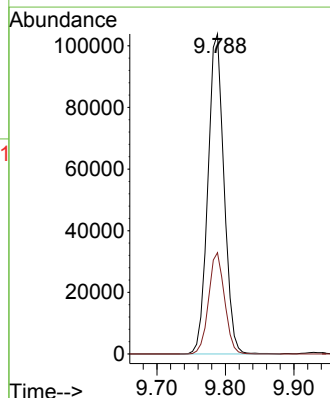
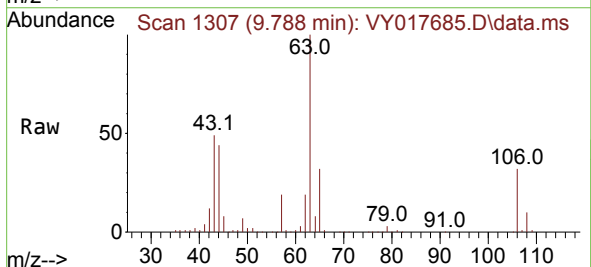
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

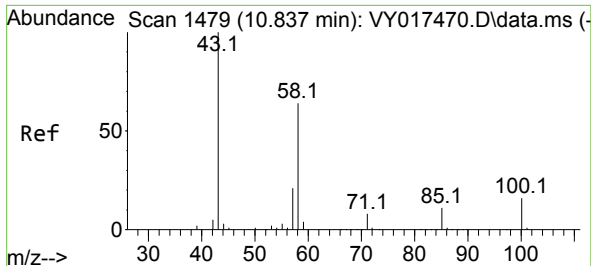
Tgt Ion: 76 Resp: 124800
Ion Ratio Lower Upper
76 100
78 31.7 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 221.099 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 63 Resp: 169450
Ion Ratio Lower Upper
63 100
106 31.4 23.7 35.5

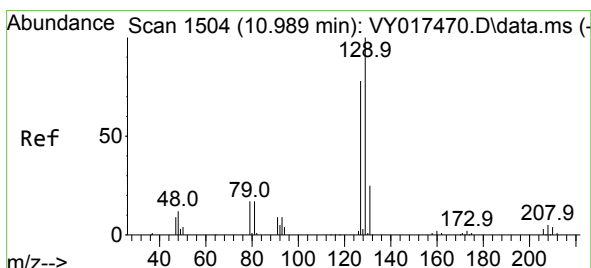
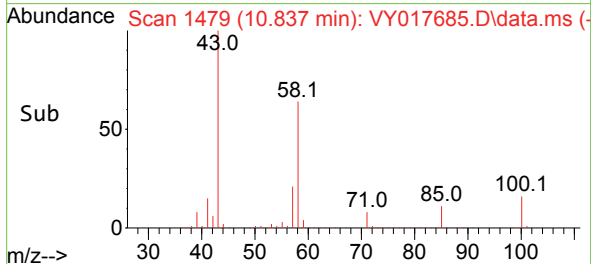
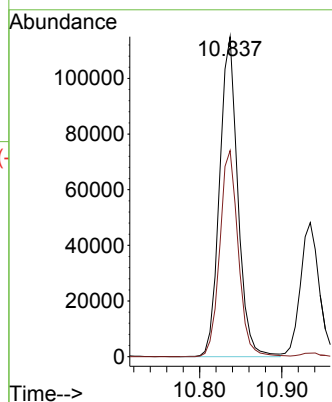
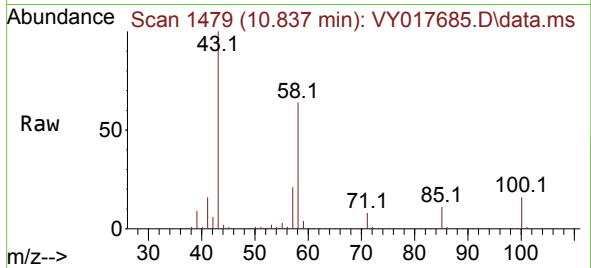




#59
2-Hexanone
Concen: 288.229 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

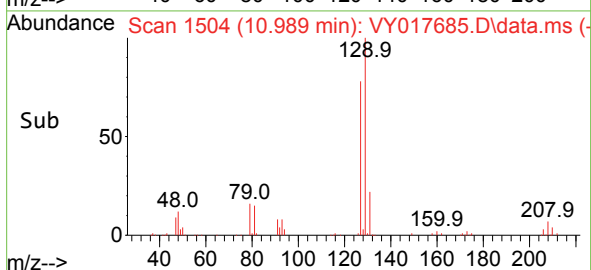
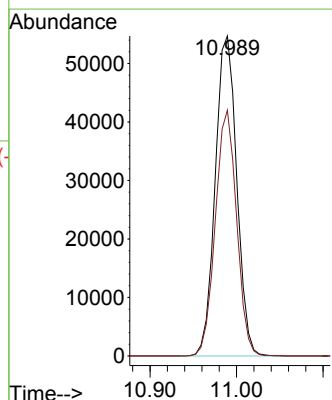
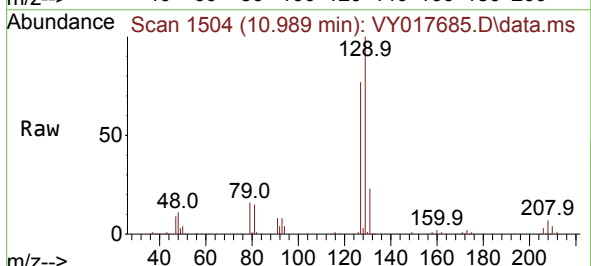
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

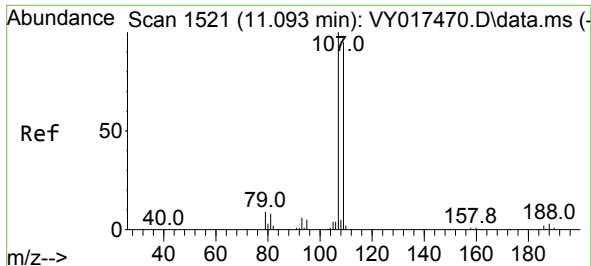
Tgt Ion: 43 Resp: 177161
Ion Ratio Lower Upper
43 100
58 65.2 31.4 94.0



#60
Dibromochloromethane
Concen: 59.972 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion:129 Resp: 94228
Ion Ratio Lower Upper
129 100
127 76.0 39.0 117.0

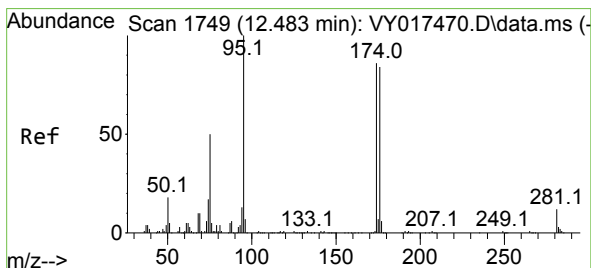
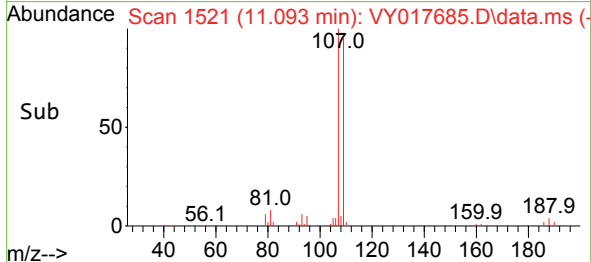
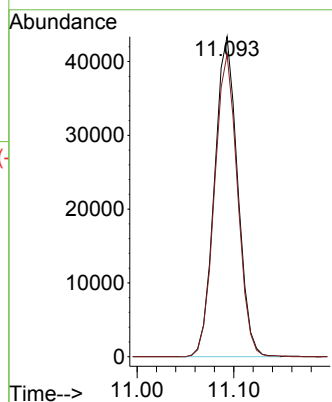
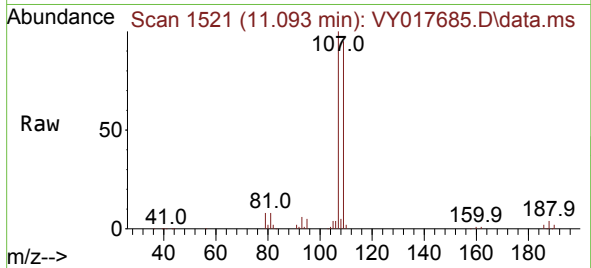




#61
1,2-Dibromoethane
Concen: 58.653 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

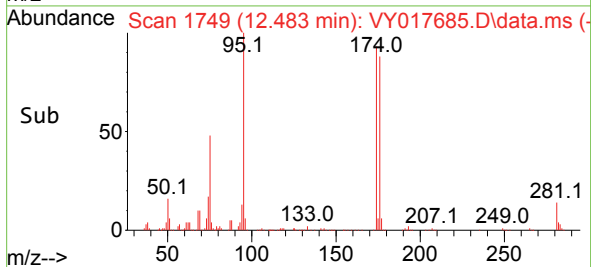
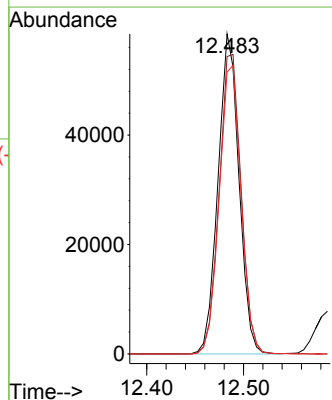
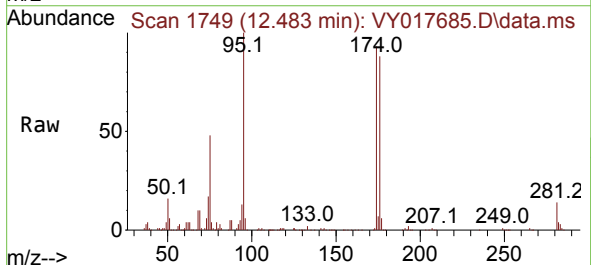
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

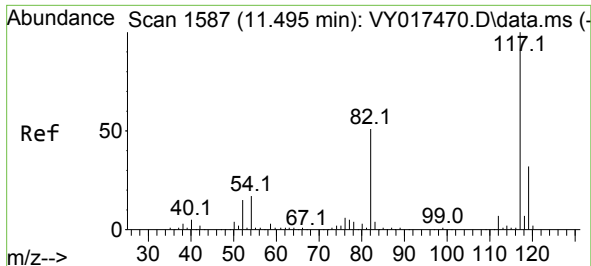
Tgt Ion:107 Resp: 71787
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.674 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 95 Resp: 87936
Ion Ratio Lower Upper
95 100
174 97.9 0.0 175.6
176 93.6 0.0 171.4

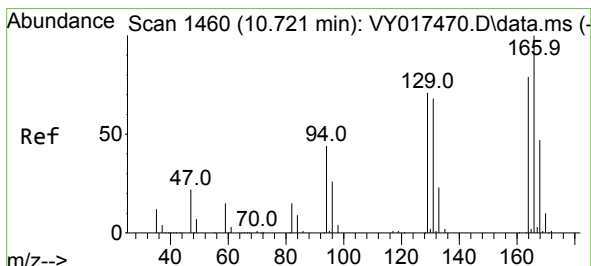
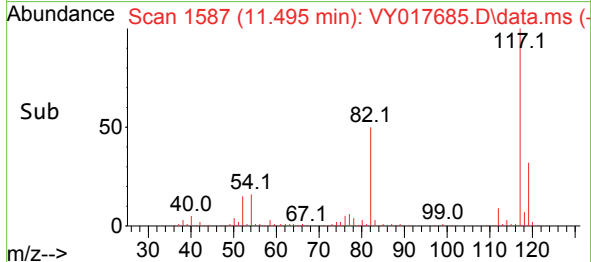
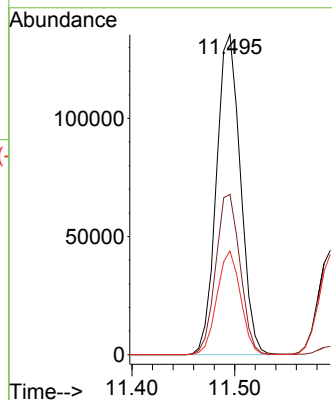
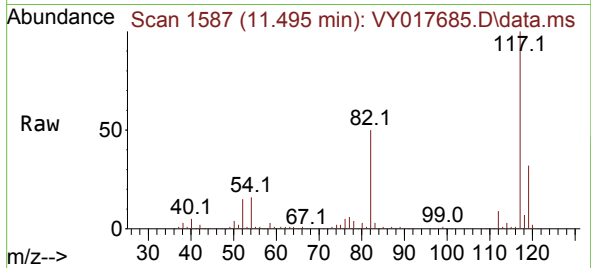




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

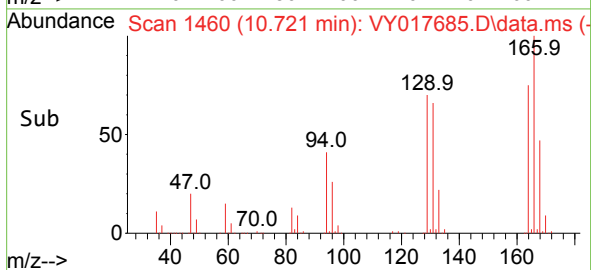
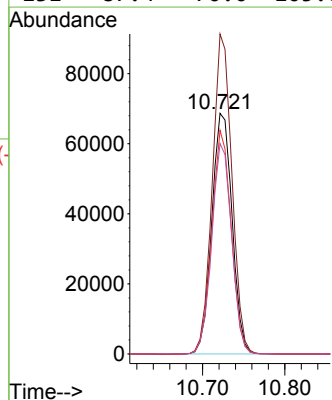
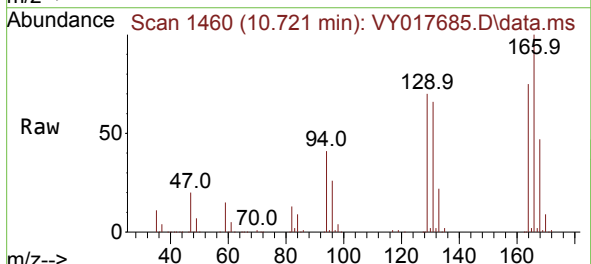
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

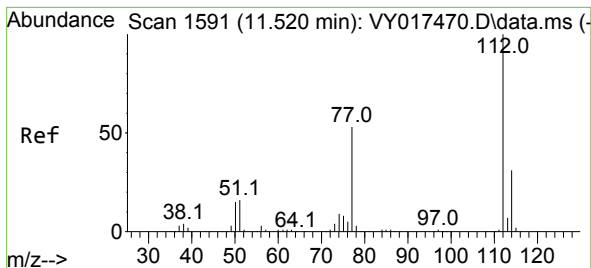
Tgt Ion:117 Resp: 219926
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 55.795 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion:164 Resp: 117778
Ion Ratio Lower Upper
164 100
166 133.0 102.6 154.0
129 93.0 72.0 108.0
131 87.4 70.0 105.0

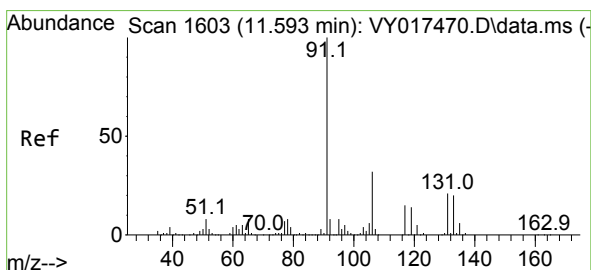
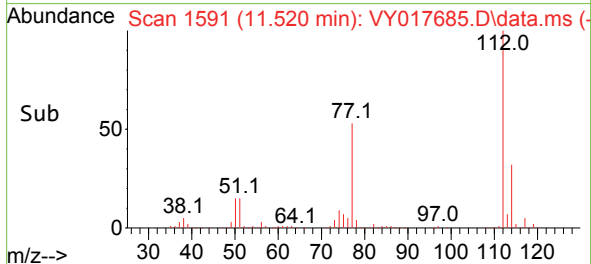
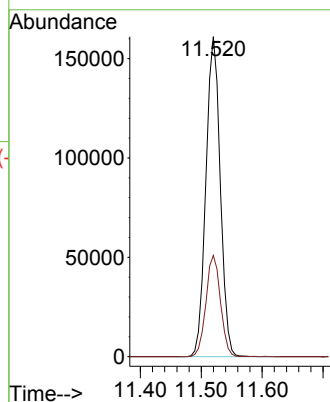
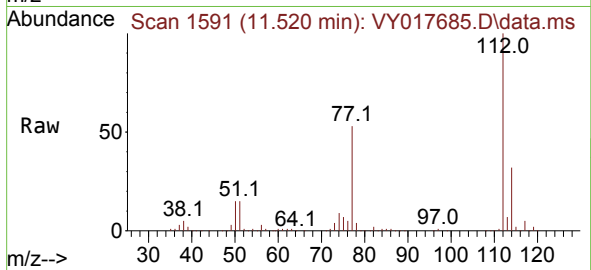




#65
Chlorobenzene
Concen: 56.480 ug/l
RT: 11.520 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

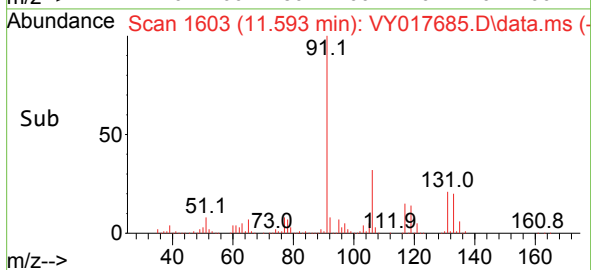
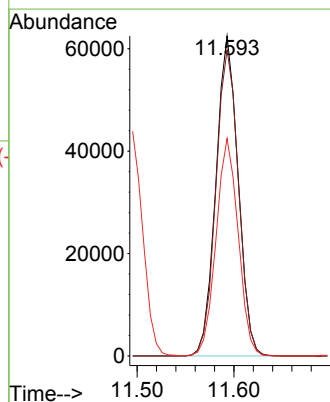
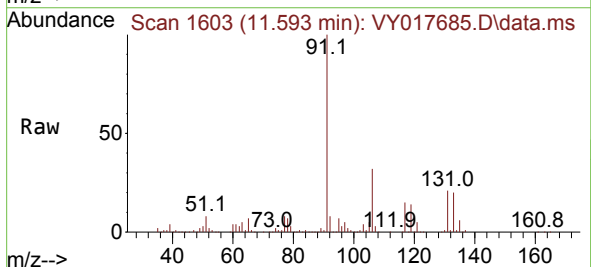
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

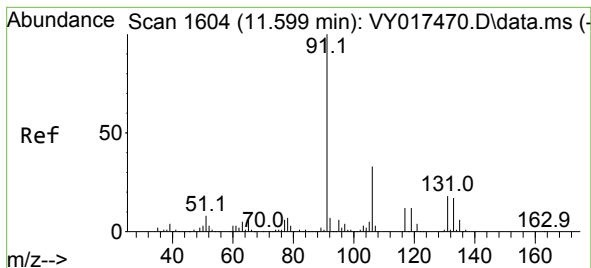
Tgt Ion:112 Resp: 263655
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.031 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion:131 Resp: 99737
Ion Ratio Lower Upper
131 100
133 97.1 47.8 143.3
119 67.7 34.1 102.2





#67

Ethyl Benzene

Concen: 57.295 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

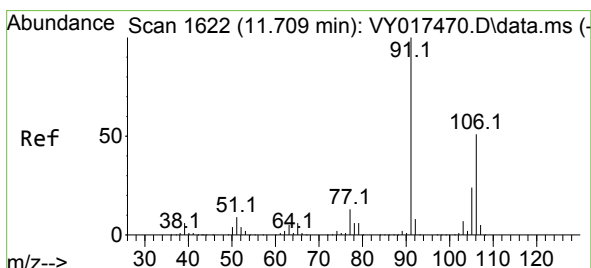
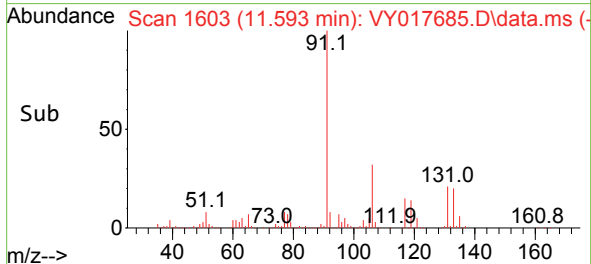
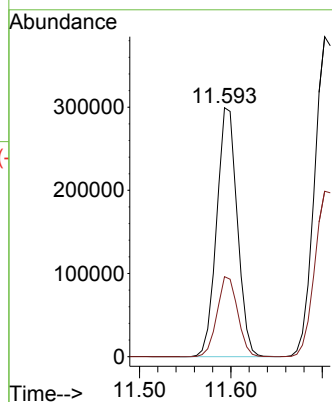
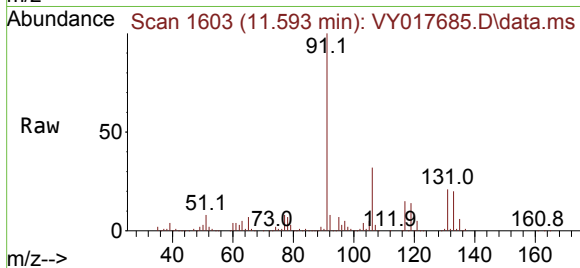
VSTDCCC050EC

Tgt Ion: 91 Resp: 469057

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 115.031 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017685.D

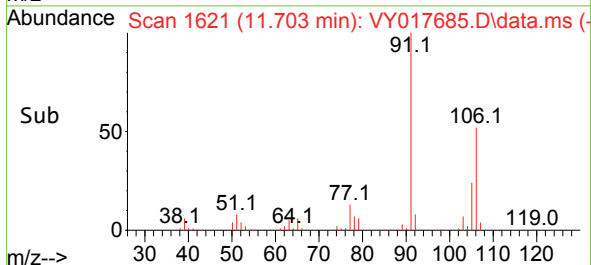
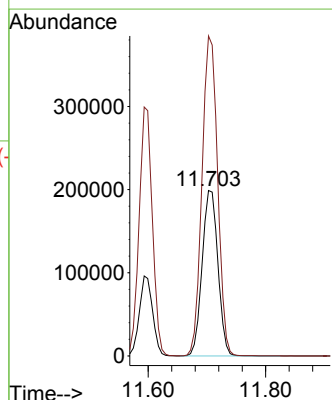
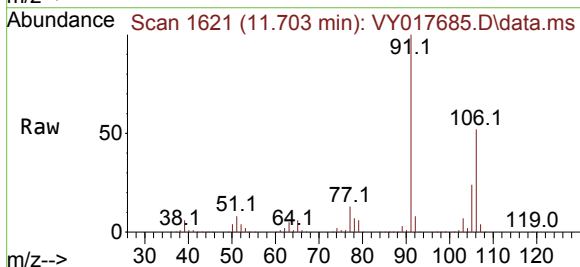
Acq: 15 Mar 2024 20:06

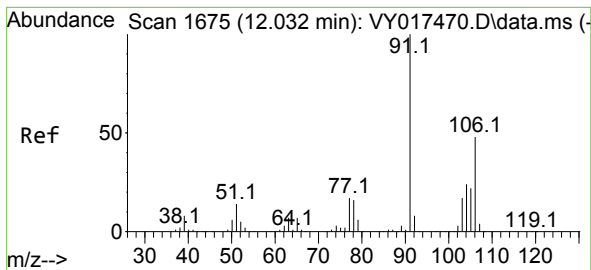
Tgt Ion:106 Resp: 370041

Ion Ratio Lower Upper

106 100

91 191.8 156.0 234.0





#69

o-Xylene

Concen: 58.753 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

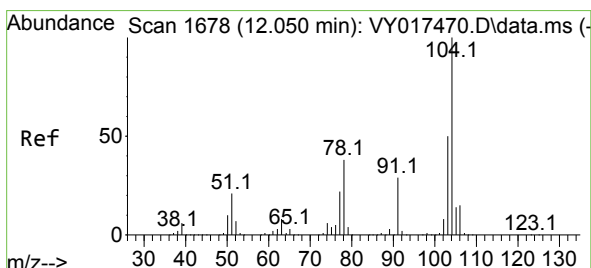
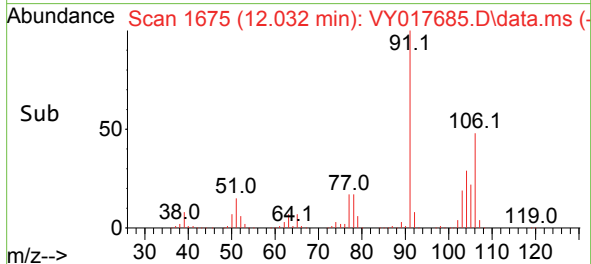
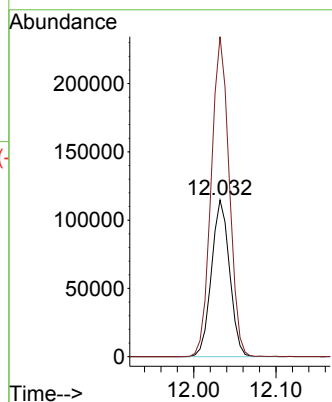
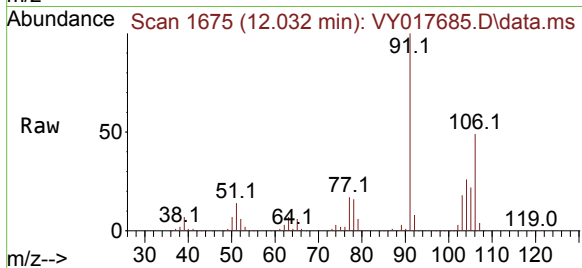
VSTDCCC050EC

Tgt Ion:106 Resp: 175342

Ion Ratio Lower Upper

106 100

91 203.6 103.6 310.8



#70

Styrene

Concen: 59.239 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

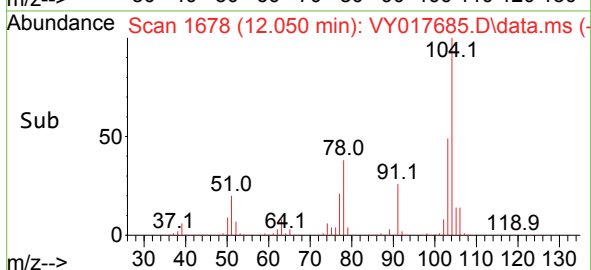
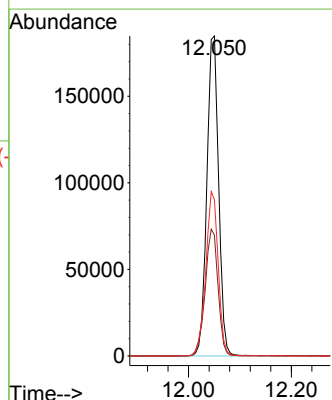
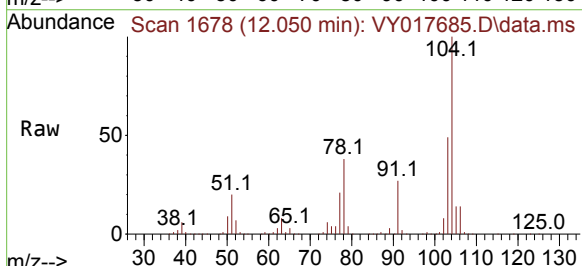
Tgt Ion:104 Resp: 293459

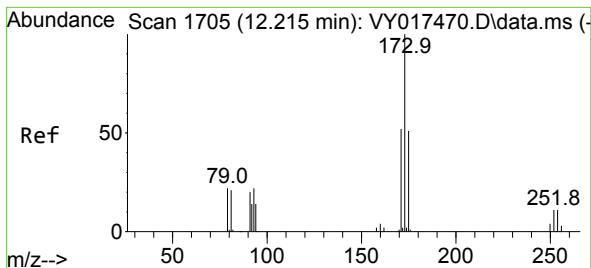
Ion Ratio Lower Upper

104 100

78 43.4 37.0 55.4

103 54.3 44.2 66.2





#71

Bromoform

Concen: 61.442 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC0050EC

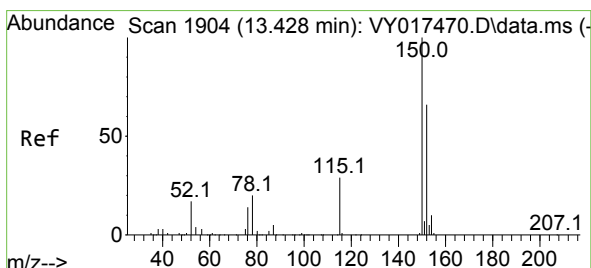
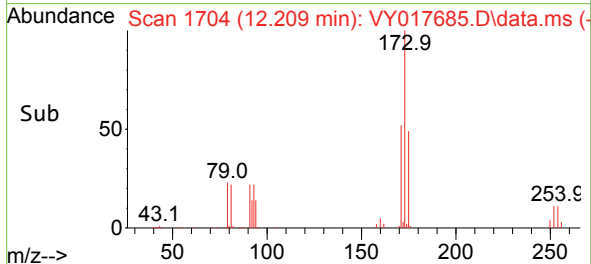
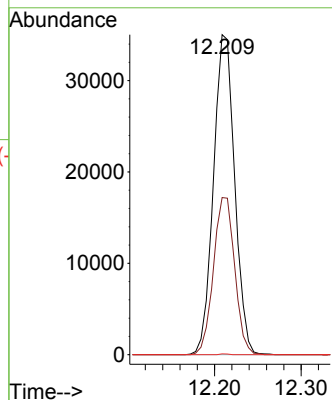
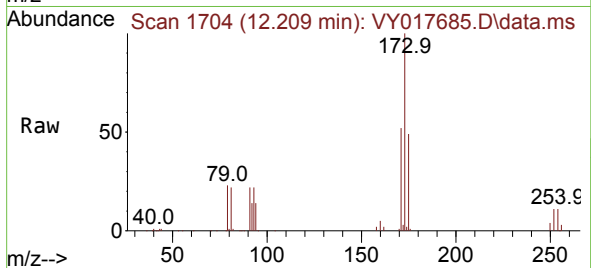
Tgt Ion:173 Resp: 59544

Ion Ratio Lower Upper

173 100

175 49.2 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

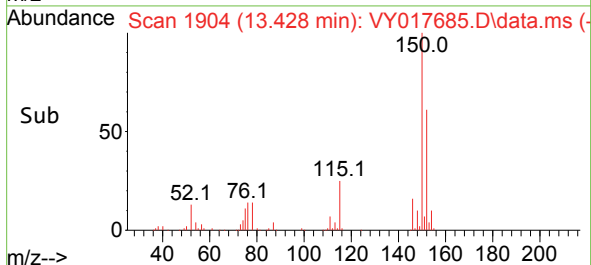
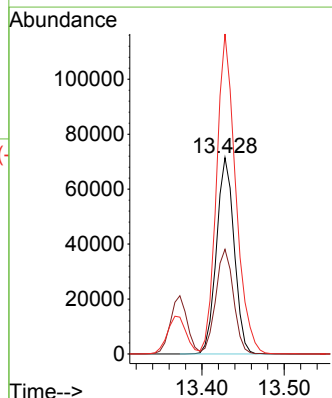
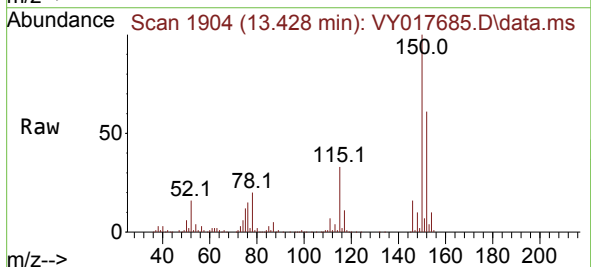
Tgt Ion:152 Resp: 106917

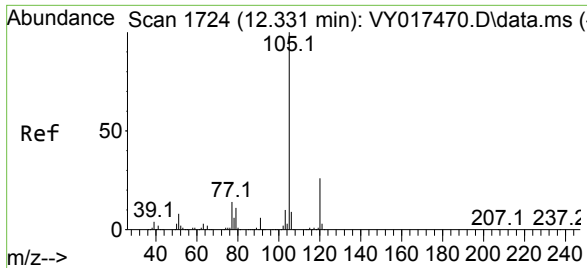
Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 176.5 0.0 345.6

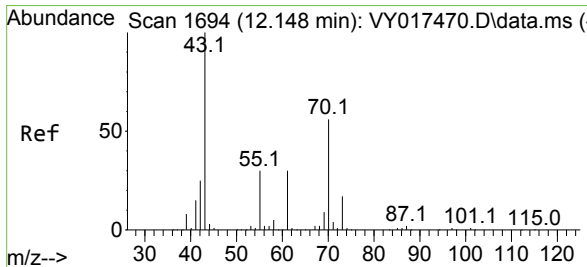
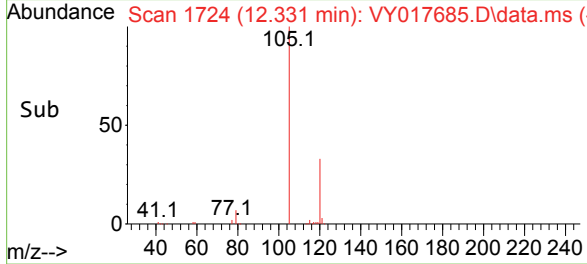
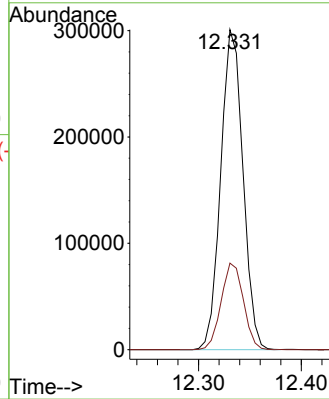
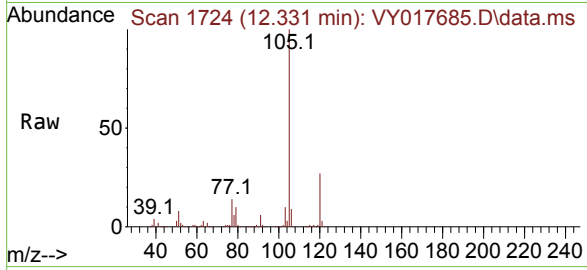




#73
Isopropylbenzene
Concen: 56.789 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

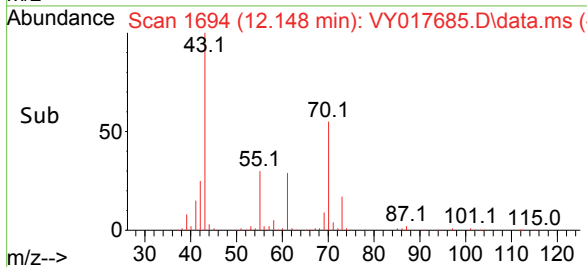
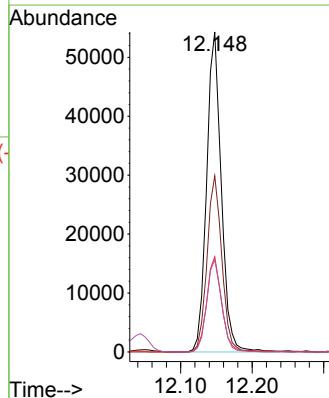
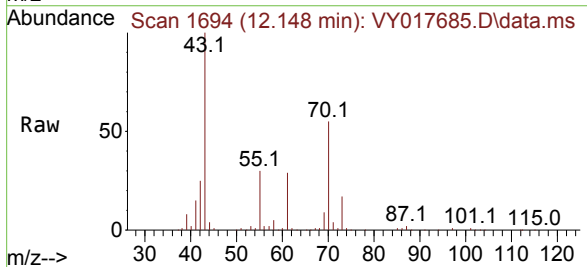
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

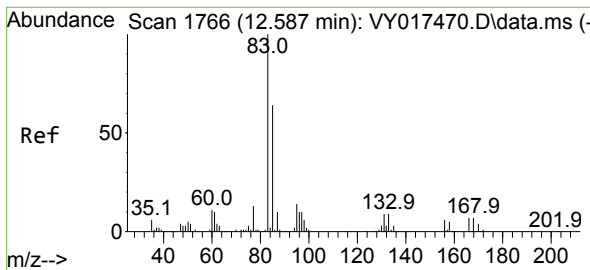
Tgt Ion:105 Resp: 451092
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 55.294 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 43 Resp: 77465
Ion Ratio Lower Upper
43 100
70 55.9 41.4 62.2
55 30.6 23.3 34.9
61 29.4 22.6 33.8

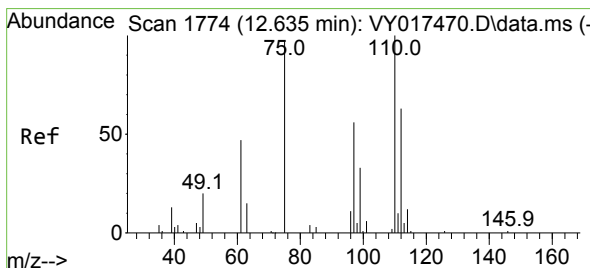
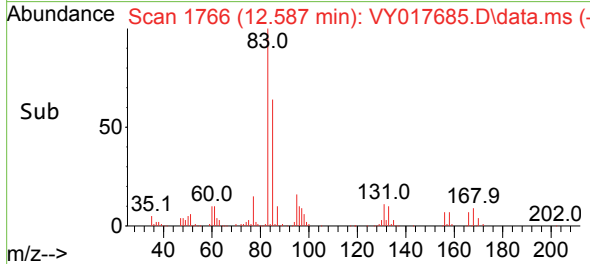
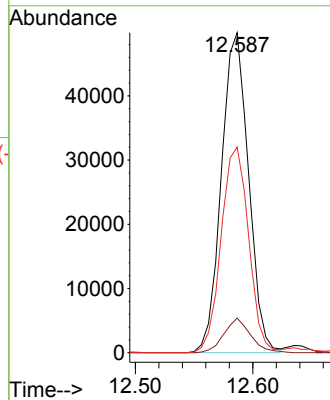
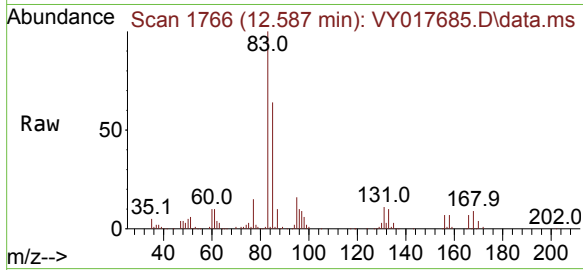




#75
1,1,2,2-Tetrachloroethane
Concen: 58.678 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

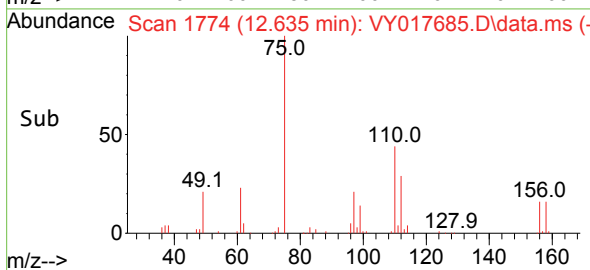
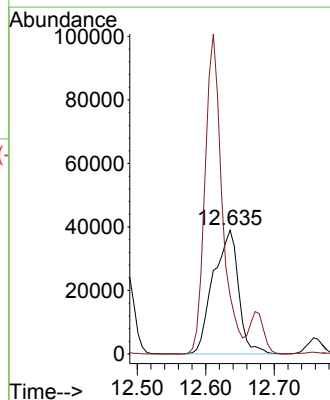
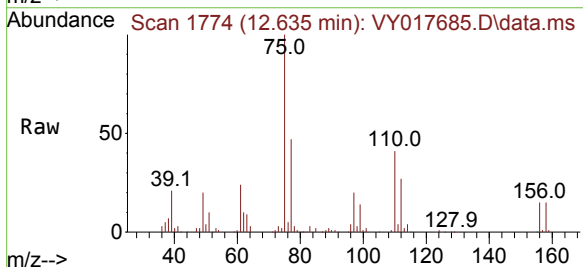
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 80038
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 65.1 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 98.242 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 75 Resp: 99801
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 57.604 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

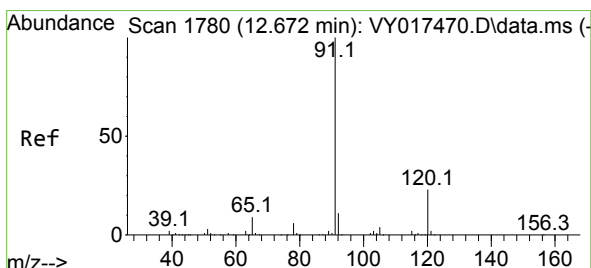
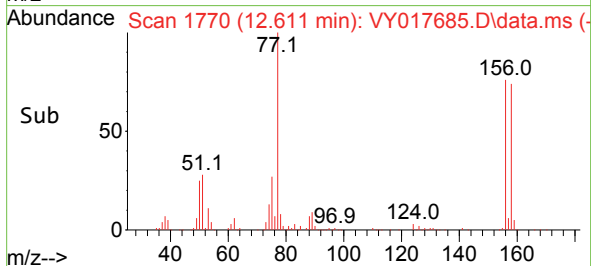
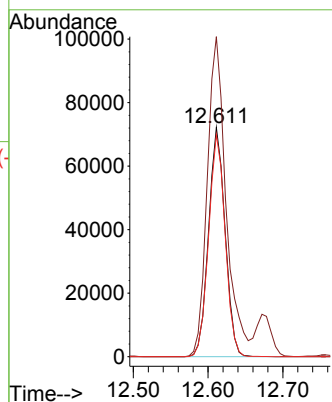
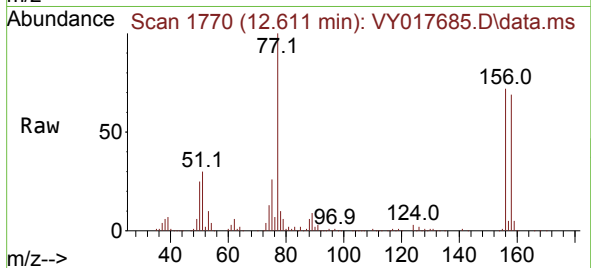
Tgt Ion:156 Resp: 110807

Ion Ratio Lower Upper

156 100

77 158.5 87.1 261.3

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 56.670 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY017685.D

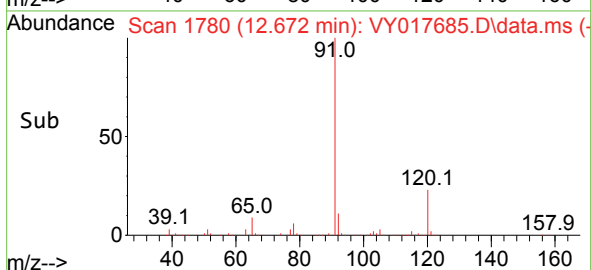
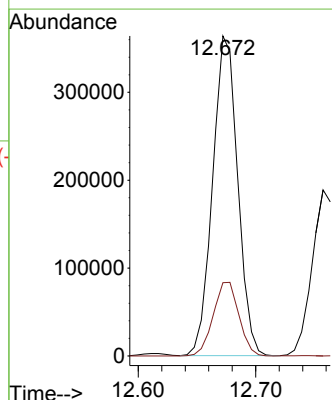
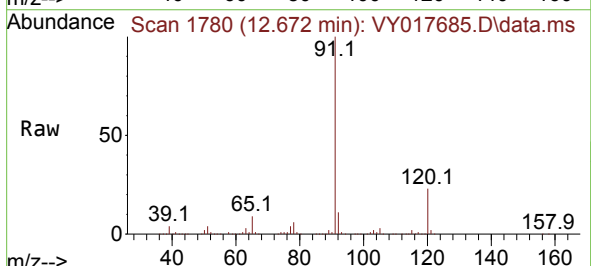
Acq: 15 Mar 2024 20:06

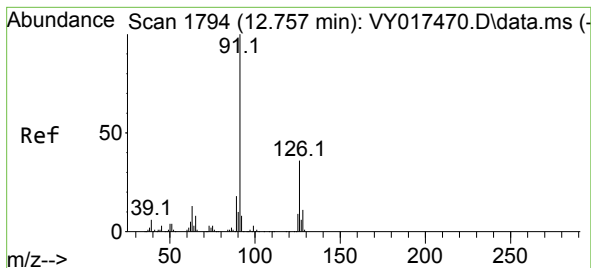
Tgt Ion: 91 Resp: 540123

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

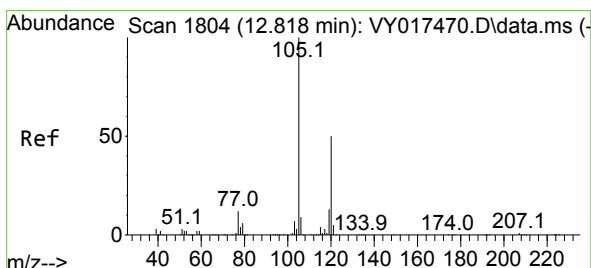
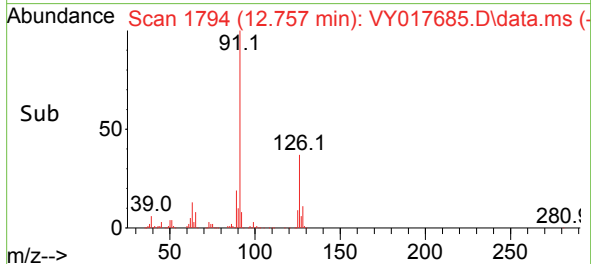
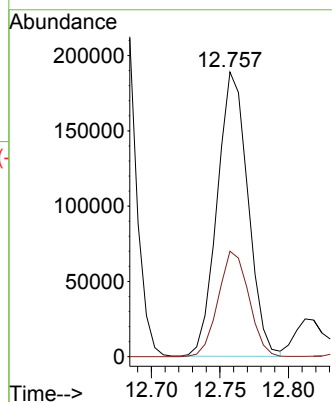
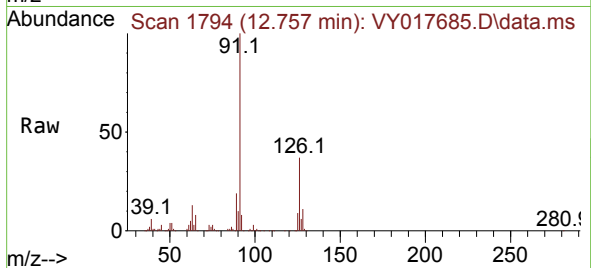




#79
2-Chlorotoluene
Concen: 55.334 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

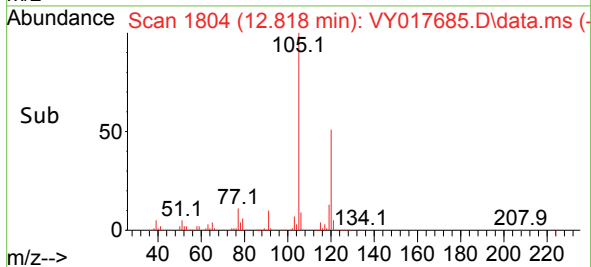
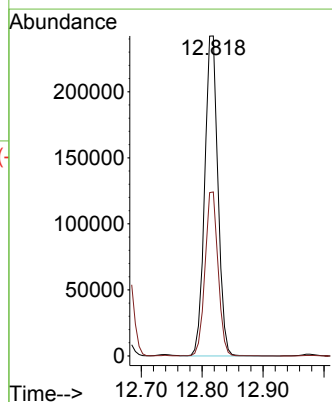
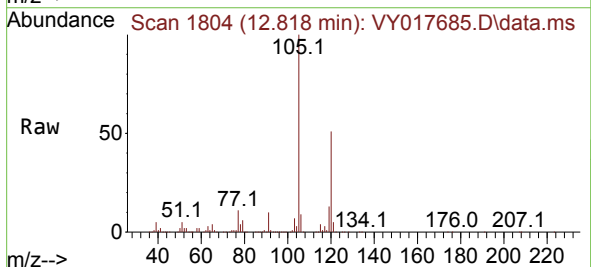
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

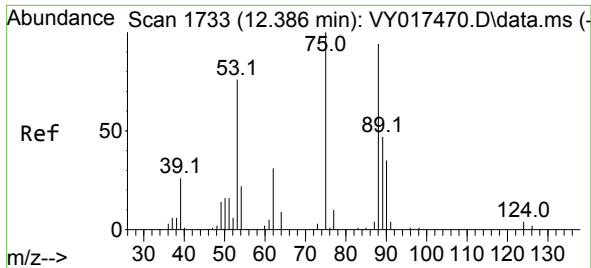
Tgt Ion: 91 Resp: 295274
Ion Ratio Lower Upper
91 100
126 36.9 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 57.371 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 105 Resp: 365099
Ion Ratio Lower Upper
105 100
120 50.6 25.1 75.2

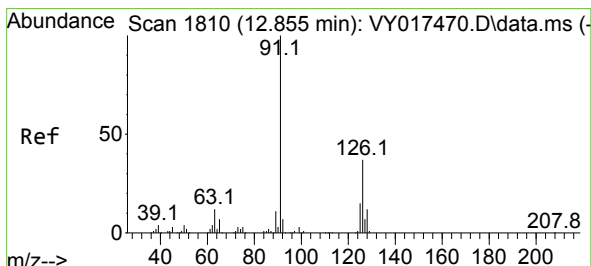
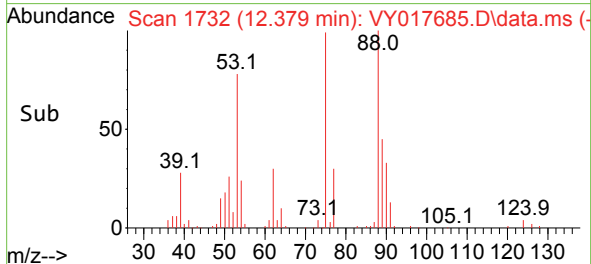
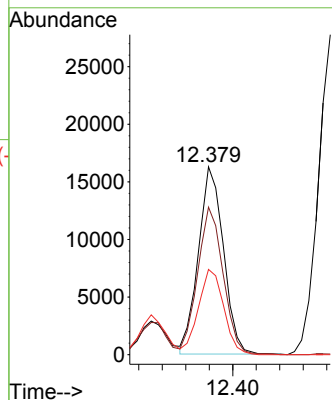
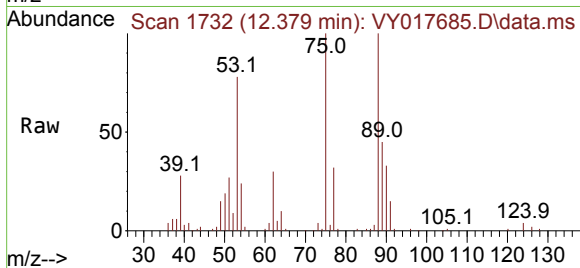




#81
trans-1,4-Dichloro-2-butene
Concen: 54.441 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

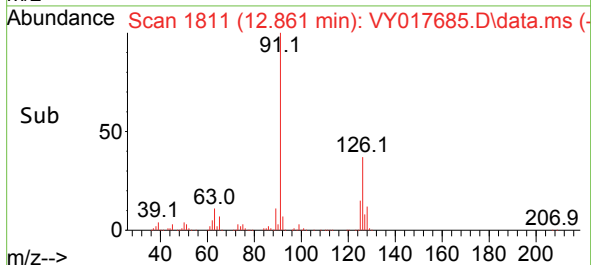
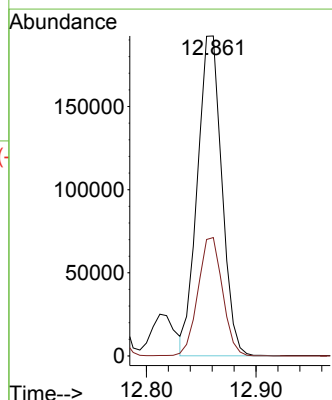
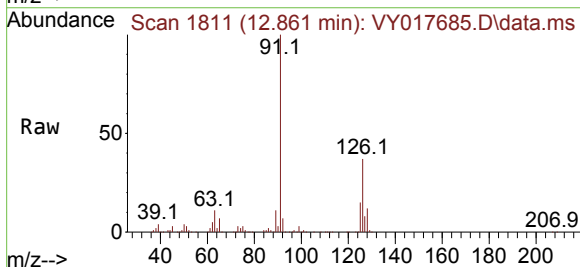
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

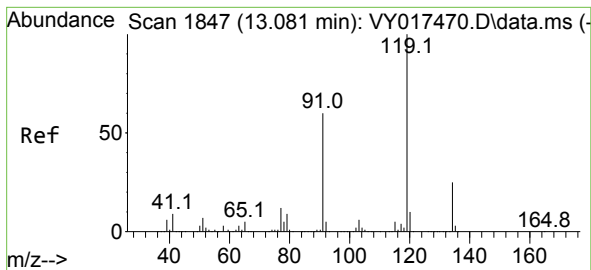
Tgt Ion: 75 Resp: 24069
Ion Ratio Lower Upper
75 100
53 80.5 66.8 100.2
89 46.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 54.571 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 91 Resp: 297848
Ion Ratio Lower Upper
91 100
126 37.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 58.214 ug/l

RT: 13.080 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

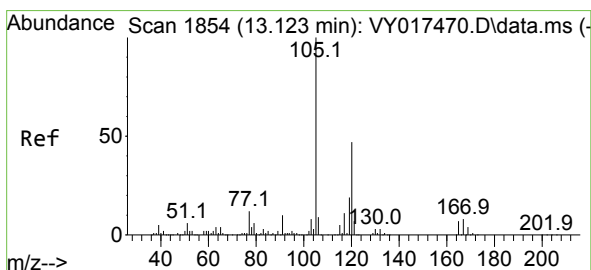
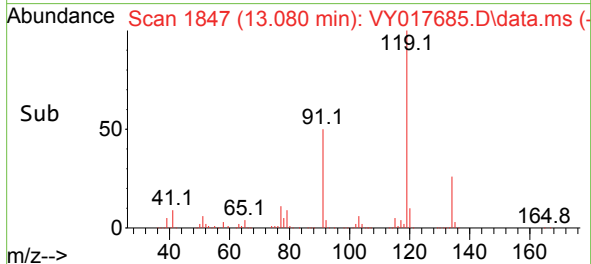
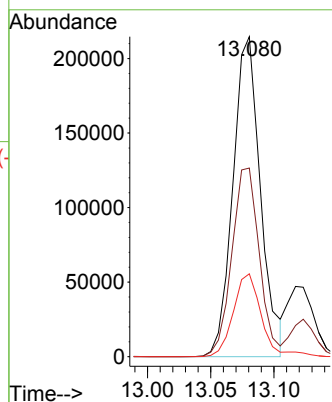
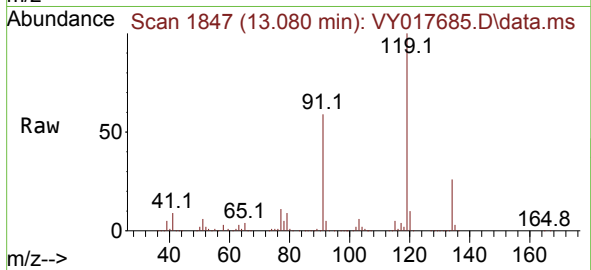
Tgt Ion:119 Resp: 325312

Ion Ratio Lower Upper

119 100

91 59.0 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 57.266 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY017685.D

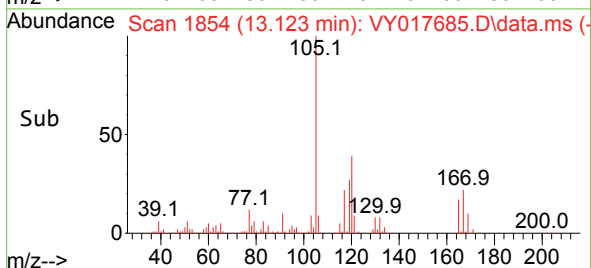
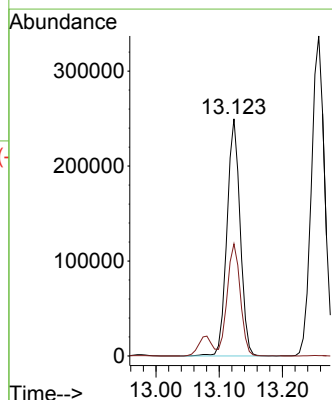
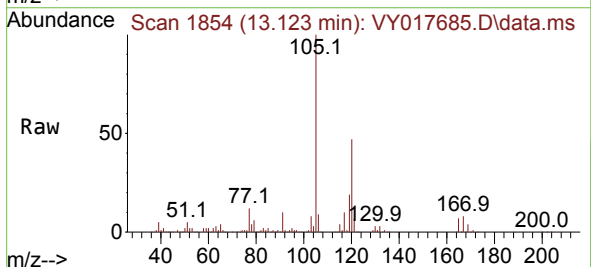
Acq: 15 Mar 2024 20:06

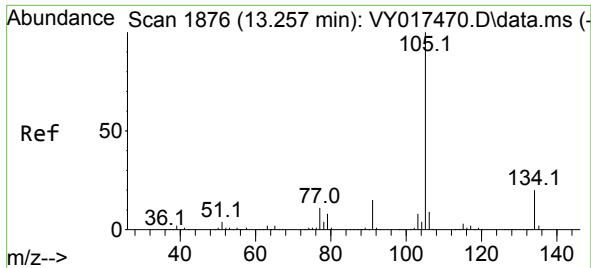
Tgt Ion:105 Resp: 359781

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.6

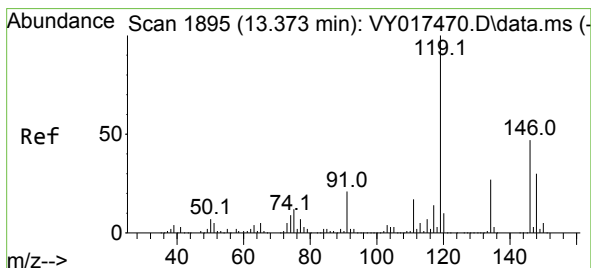
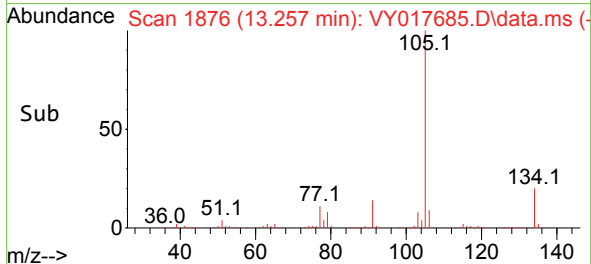
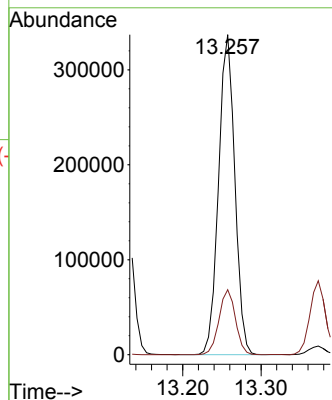
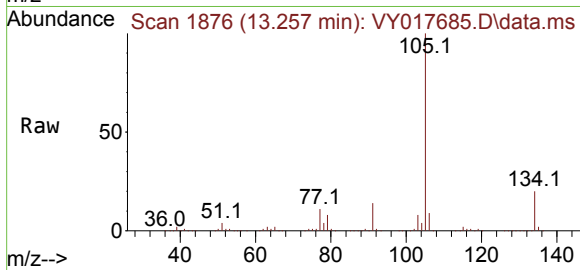




#85
 sec-Butylbenzene
 Concen: 57.027 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY017685.D
 Acq: 15 Mar 2024 20:06

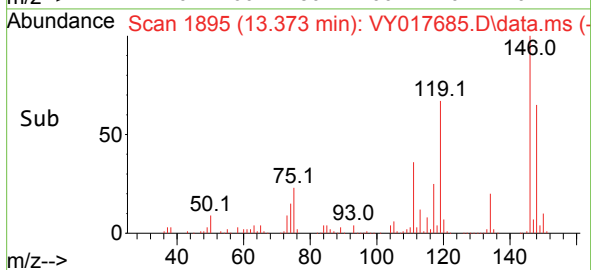
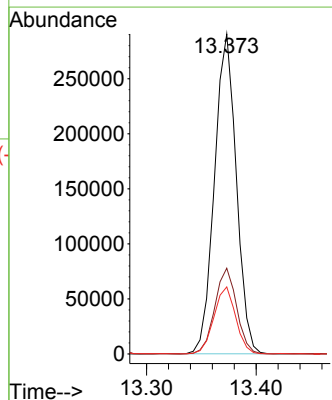
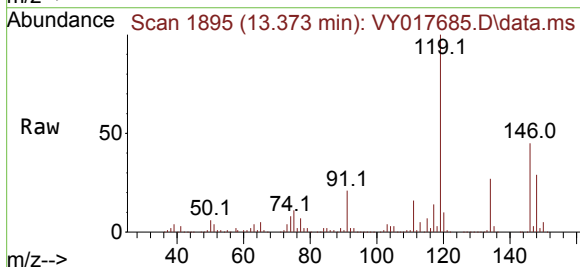
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 487228
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 57.517 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY017685.D
 Acq: 15 Mar 2024 20:06

Tgt Ion:119 Resp: 402274
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 20.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 55.722 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

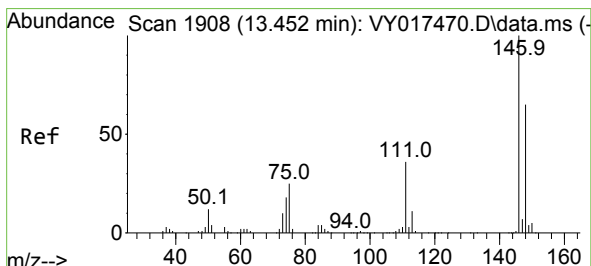
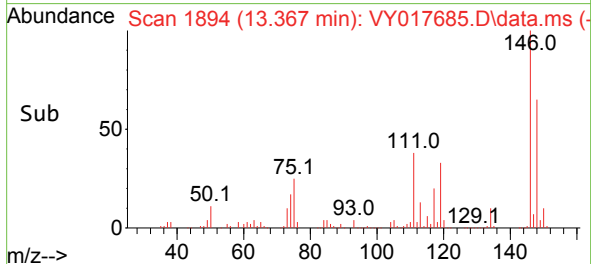
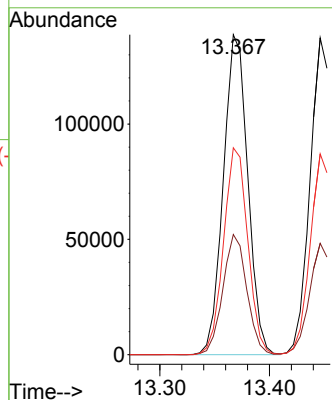
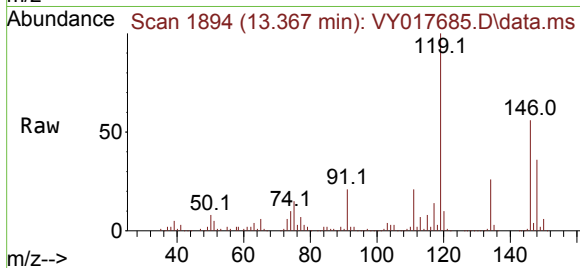
Tgt Ion:146 Resp: 215149

Ion Ratio Lower Upper

146 100

111 36.8 19.0 57.0

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 56.075 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

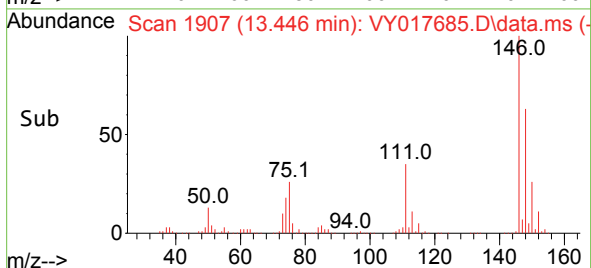
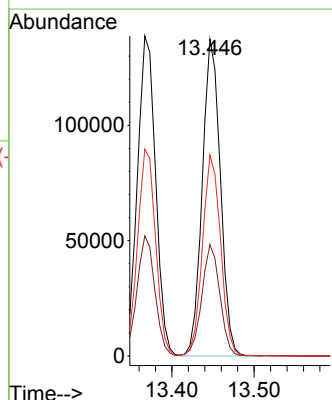
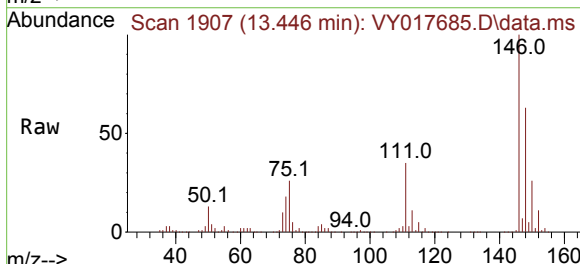
Tgt Ion:146 Resp: 210494

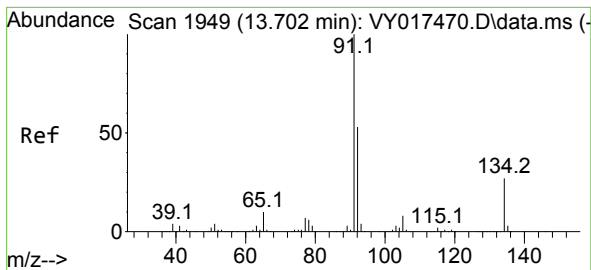
Ion Ratio Lower Upper

146 100

111 35.0 18.4 55.4

148 63.5 32.4 97.2

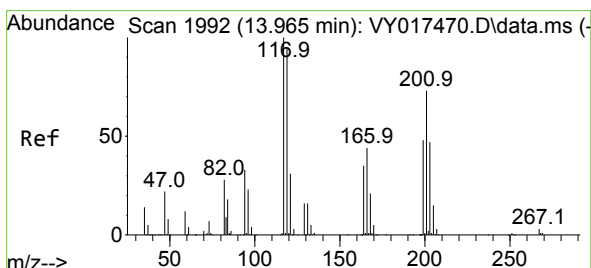
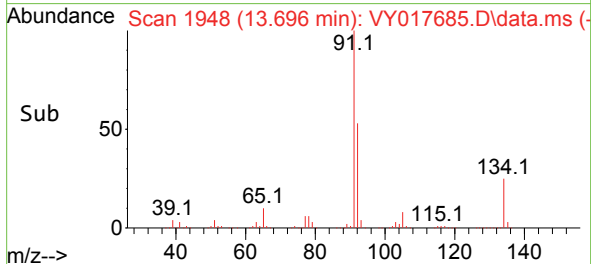
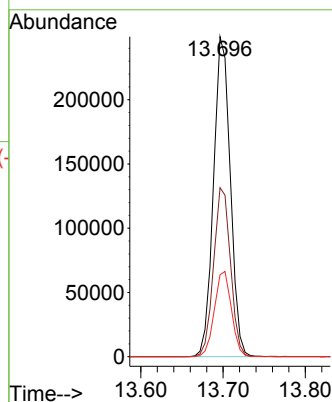
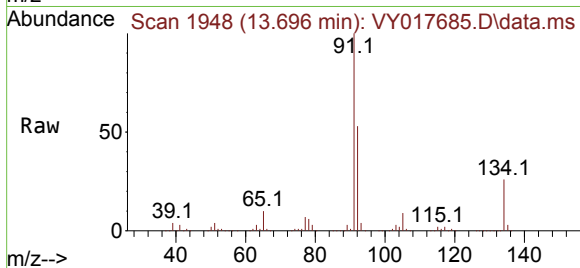




#89
n-Butylbenzene
Concen: 55.462 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

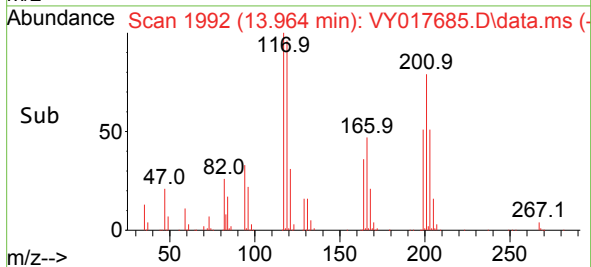
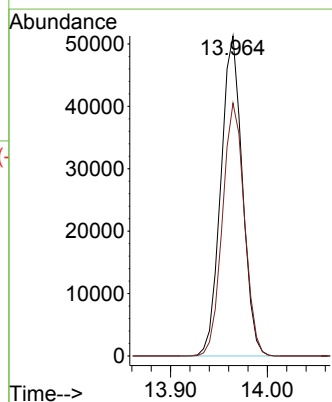
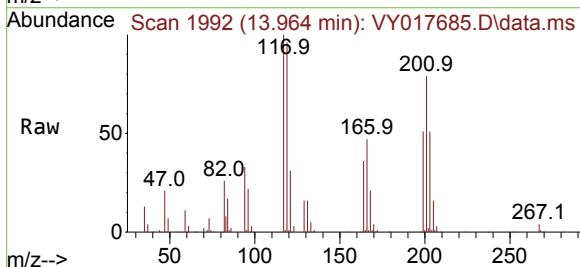
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

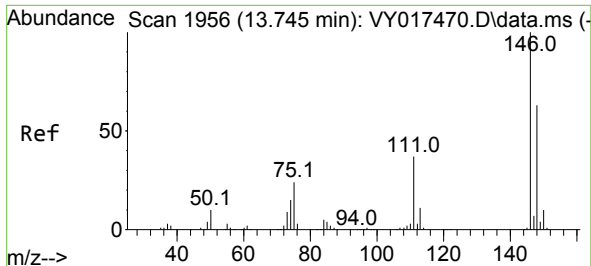
Tgt Ion: 91 Resp: 353907
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 27.0 12.9 38.7



#90
Hexachloroethane
Concen: 56.430 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY017685.D
Acq: 15 Mar 2024 20:06

Tgt Ion: 117 Resp: 79124
Ion Ratio Lower Upper
117 100
201 80.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 56.942 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

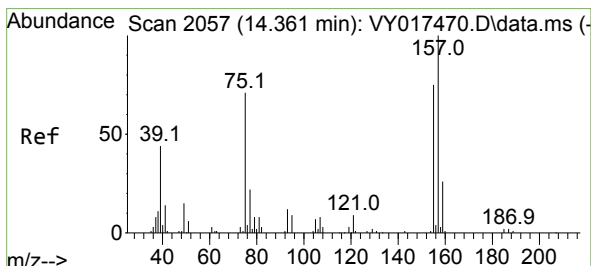
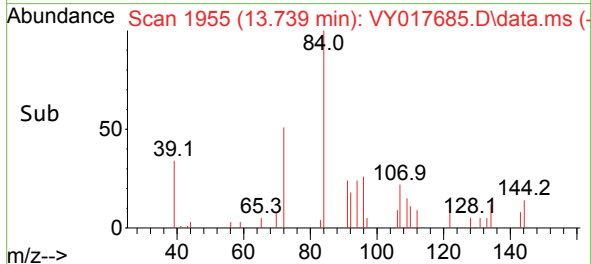
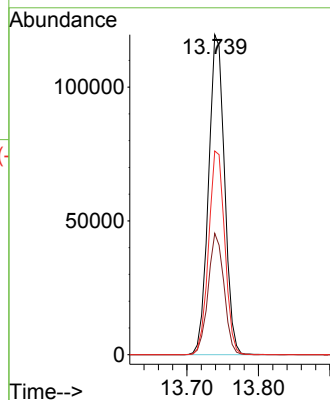
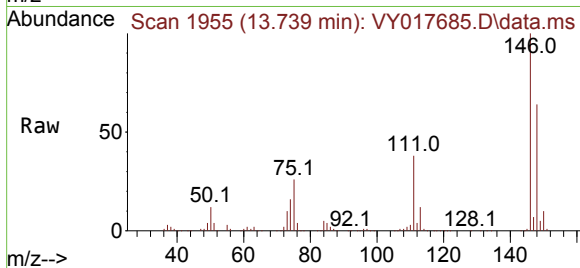
Tgt Ion:146 Resp: 185969

Ion Ratio Lower Upper

146 100

111 37.5 19.9 59.7

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.287 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

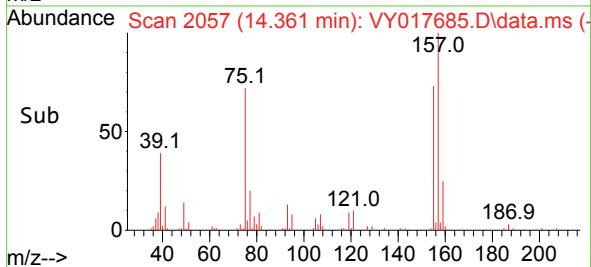
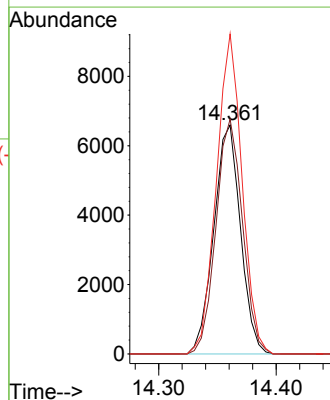
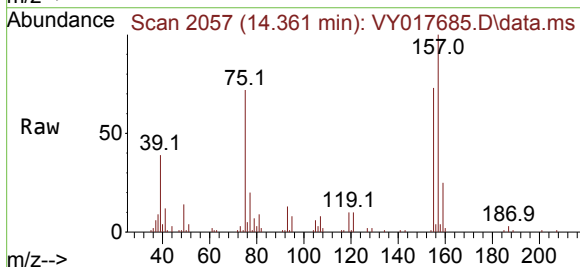
Tgt Ion: 75 Resp: 10410

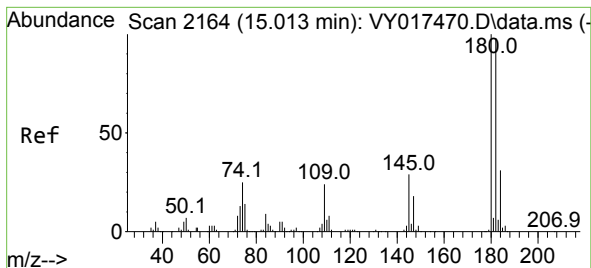
Ion Ratio Lower Upper

75 100

155 101.7 48.6 145.8

157 134.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 57.253 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

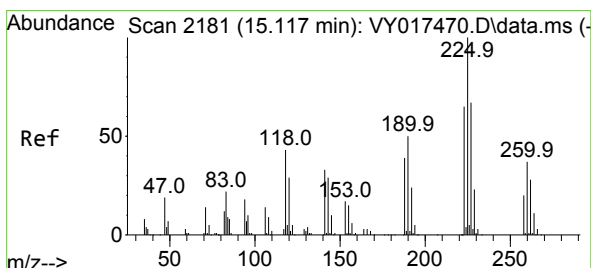
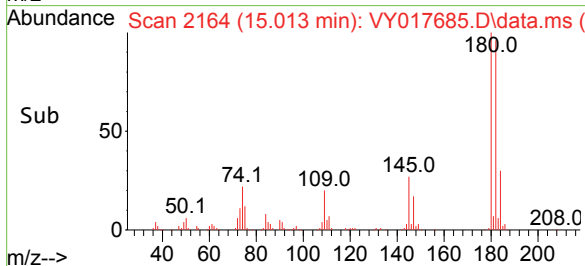
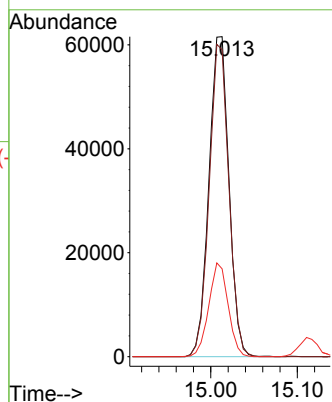
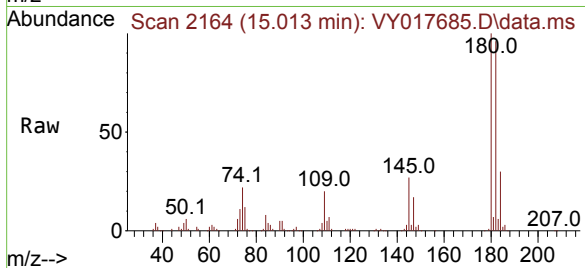
Tgt Ion:180 Resp: 98766

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.8

145 28.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 55.311 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

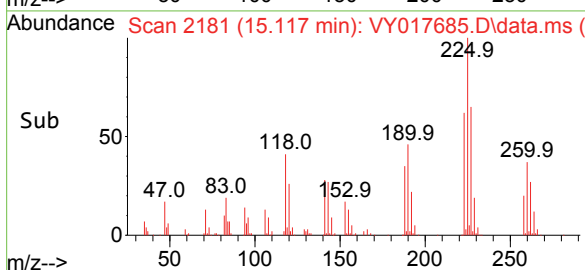
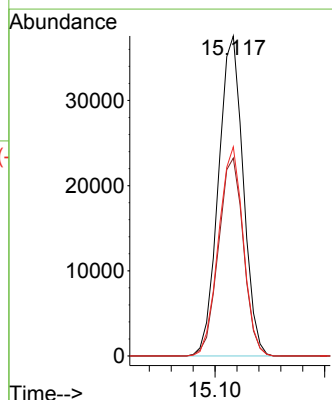
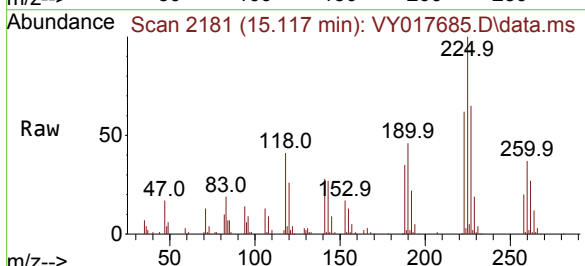
Tgt Ion:225 Resp: 58910

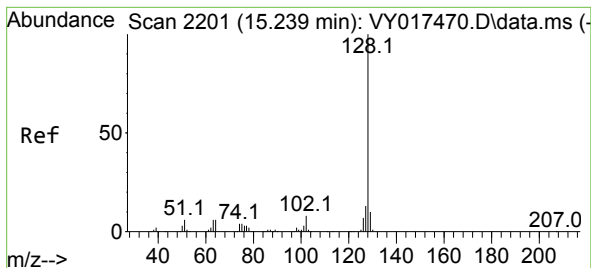
Ion Ratio Lower Upper

225 100

223 62.4 30.4 91.2

227 65.1 31.9 95.9





#95

Naphthalene

Concen: 53.075 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

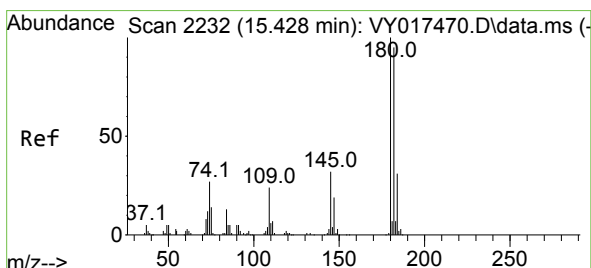
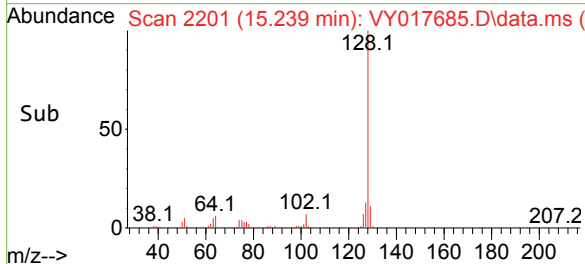
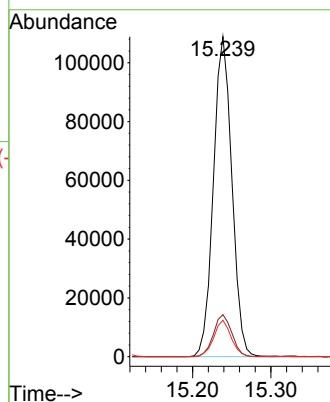
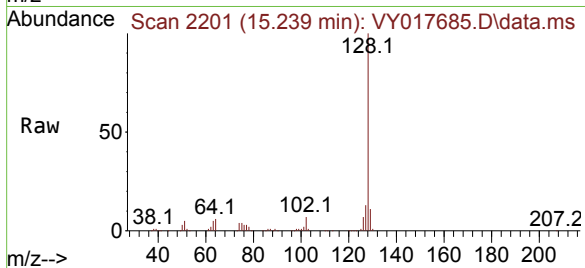
Tgt Ion:128 Resp: 178282

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 56.566 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY017685.D

Acq: 15 Mar 2024 20:06

Tgt Ion:180 Resp: 83712

Ion Ratio Lower Upper

180 100

182 96.9 47.6 142.9

145 30.5 15.4 46.1

