

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017470.D
 Acq On : 23 Feb 2024 17:33
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 24 04:49:43 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	166415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	227067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112789	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	78045	49.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.960%
35) Dibromofluoromethane	7.716	113	89051	49.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.185	98	328613	52.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.500%
62) 4-Bromofluorobenzene	12.483	95	105493	53.368	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.740%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	59896	48.792	ug/l 99
3) Chloromethane	2.107	50	109883	48.991	ug/l 99
4) Vinyl Chloride	2.247	62	143179	49.759	ug/l 98
5) Bromomethane	2.643	94	113132	48.246	ug/l 96
6) Chloroethane	2.790	64	92662	51.047	ug/l 98
7) Trichlorofluoromethane	3.119	101	146872	50.081	ug/l 95
8) Diethyl Ether	3.527	74	45519	52.920	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.893	101	85759	50.839	ug/l 100
10) Methyl Iodide	4.088	142	103564	54.706	ug/l 99
11) Tert butyl alcohol	4.954	59	30769	229.670	ug/l # 83
12) 1,1-Dichloroethene	3.863	96	80155	50.987	ug/l 97
13) Acrolein	3.722	56	44580	252.193	ug/l 99
14) Allyl chloride	4.478	41	100242	52.772	ug/l 97
15) Acrylonitrile	5.161	53	95207	269.257	ug/l 99
16) Acetone	3.942	43	79772	260.773	ug/l 97
17) Carbon Disulfide	4.192	76	241823	51.249	ug/l 98
18) Methyl Acetate	4.478	43	41141	55.435	ug/l 98
19) Methyl tert-butyl Ether	5.222	73	199866	54.546	ug/l 98
20) Methylene Chloride	4.710	84	96200	53.959	ug/l 95
21) trans-1,2-Dichloroethene	5.216	96	95865	52.082	ug/l 98
22) Diisopropyl ether	6.124	45	237864	54.266	ug/l 98
23) Vinyl Acetate	6.057	43	718397	275.041	ug/l 100
24) 1,1-Dichloroethane	6.015	63	155058	51.779	ug/l 99
25) 2-Butanone	6.984	43	118708	272.294	ug/l 97
26) 2,2-Dichloropropane	6.978	77	127836	50.774	ug/l 98
27) cis-1,2-Dichloroethene	6.990	96	109173	52.826	ug/l 98
28) Bromochloromethane	7.338	49	51101	43.329	ug/l 99
29) Tetrahydrofuran	7.350	42	73282	278.854	ug/l 99
30) Chloroform	7.508	83	164862	51.709	ug/l 98
31) Cyclohexane	7.789	56	129168	50.325	ug/l 97
32) 1,1,1-Trichloroethane	7.703	97	142154	51.356	ug/l 99
36) 1,1-Dichloropropene	7.917	75	127176	52.397	ug/l 100
37) Ethyl Acetate	7.076	43	51165	53.373	ug/l 97
38) Carbon Tetrachloride	7.905	117	128485	52.819	ug/l 99
39) Methylcyclohexane	9.185	83	157804	54.100	ug/l 98
40) Benzene	8.161	78	379558	52.658	ug/l 99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017470.D
 Acq On : 23 Feb 2024 17:33
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 24 04:49:43 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)
41) Methacrylonitrile	7.350	41	67574	140.470	ug/l	# 24
42) 1,2-Dichloroethane	8.240	62	93638	53.244	ug/l	98
43) Isopropyl Acetate	8.277	43	92965	55.186	ug/l	99
44) Trichloroethene	8.941	130	107932	51.951	ug/l	95
45) 1,2-Dichloropropane	9.221	63	90279	52.644	ug/l	99
46) Dibromomethane	9.307	93	52006	52.990	ug/l	97
47) Bromodichloromethane	9.502	83	127328	53.432	ug/l	98
48) Methyl methacrylate	9.295	41	43720	56.069	ug/l	96
49) 1,4-Dioxane	9.301	88	12242	1102.186	ug/l	# 99
51) 4-Methyl-2-Pentanone	10.075	43	259932	276.859	ug/l	98
52) Toluene	10.246	92	241403	53.126	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	121301	54.842	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	143985	53.574	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	73560	52.790	ug/l	97
56) Ethyl methacrylate	10.514	69	90747	52.788	ug/l	98
57) 1,3-Dichloropropane	10.794	76	121766	53.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	188260	234.128	ug/l	98
59) 2-Hexanone	10.837	43	185220	287.215	ug/l	98
60) Dibromochloromethane	10.989	129	89529	54.311	ug/l	99
61) 1,2-Dibromoethane	11.093	107	69247	53.926	ug/l	99
64) Tetrachloroethene	10.721	164	113316	51.993	ug/l	99
65) Chlorobenzene	11.520	112	255405	52.992	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	96307	53.338	ug/l	99
67) Ethyl Benzene	11.599	91	461548	54.605	ug/l	96
68) m/p-Xylenes	11.709	106	363602	109.475	ug/l	100
69) o-Xylene	12.032	106	171780	55.749	ug/l	98
70) Styrene	12.050	104	288539	56.414	ug/l	98
71) Bromoform	12.215	173	54721	54.690	ug/l	# 99
73) Isopropylbenzene	12.331	105	445103	53.118	ug/l	99
74) N-amyl acetate	12.148	43	82380	55.741	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	76645	53.265	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	100046	93.356	ug/l	# 100
77) Bromobenzene	12.611	156	105245	51.864	ug/l	98
78) n-propylbenzene	12.672	91	537122	53.421	ug/l	100
79) 2-Chlorotoluene	12.757	91	293915	52.212	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	361237	53.809	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	24997	53.596	ug/l	97
82) 4-Chlorotoluene	12.855	91	299686	52.049	ug/l	98
83) tert-Butylbenzene	13.081	119	316677	53.719	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	355062	53.572	ug/l	100
85) sec-Butylbenzene	13.257	105	484870	53.797	ug/l	100
86) p-Isopropyltoluene	13.373	119	400910	54.338	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	212500	52.171	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	207582	52.421	ug/l	99
89) n-Butylbenzene	13.702	91	369780	54.933	ug/l	99
90) Hexachloroethane	13.965	117	76684	51.843	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	183655	53.306	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10487	51.841	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	100507	55.229	ug/l	99
94) Hexachlorobutadiene	15.117	225	57965	51.590	ug/l	98
95) Naphthalene	15.239	128	179982	50.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	86338	55.303	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
Data File : VY017470.D
Acq On : 23 Feb 2024 17:33
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Feb 24 04:49:43 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

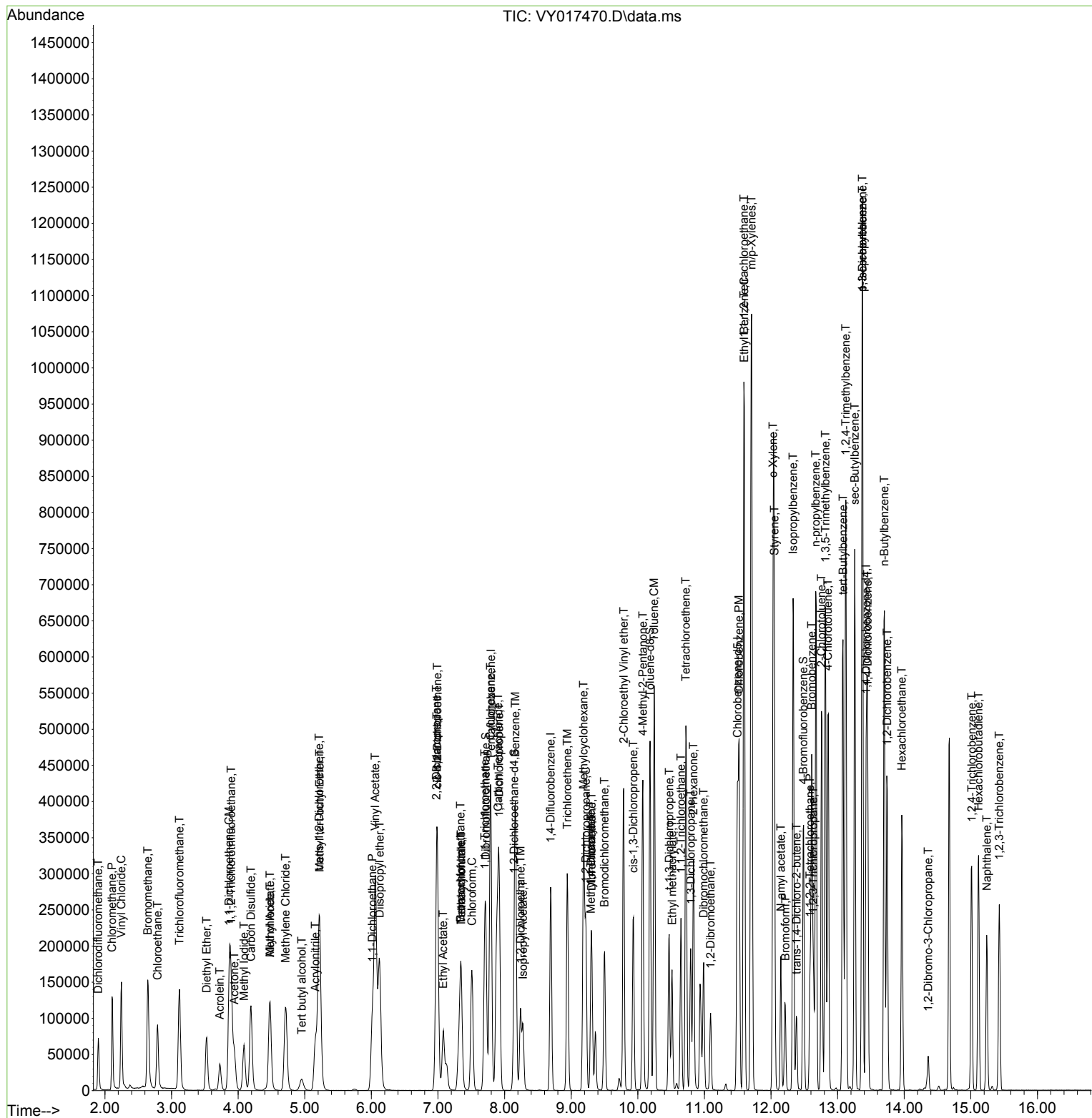
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

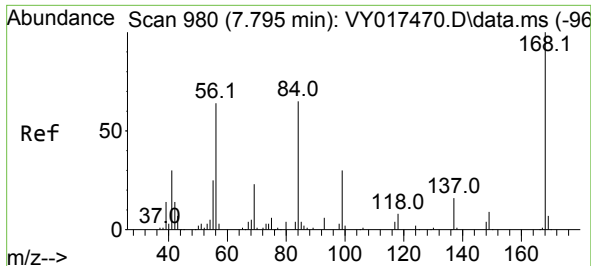
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017470.D
 Acq On : 23 Feb 2024 17:33
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 24 04:49:43 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

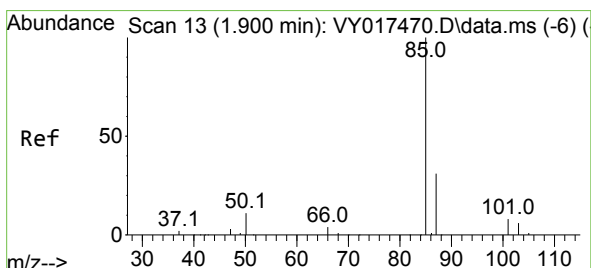
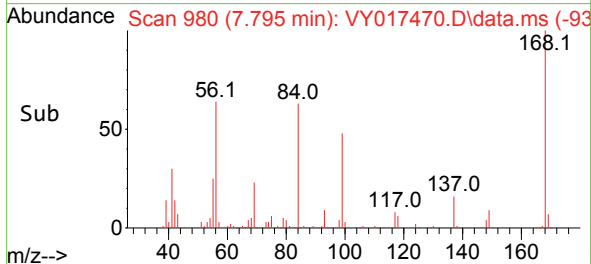
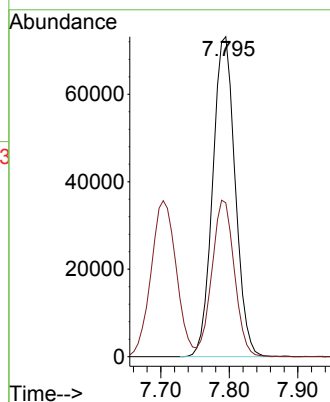
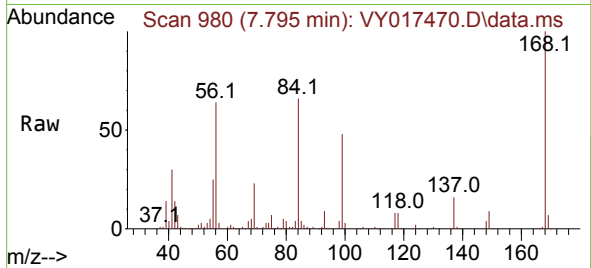




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

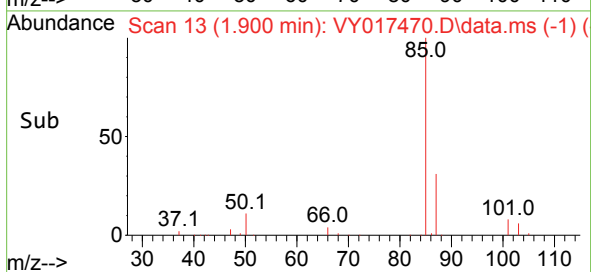
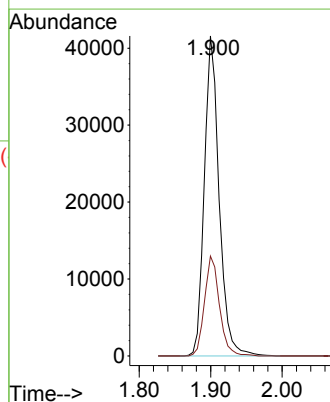
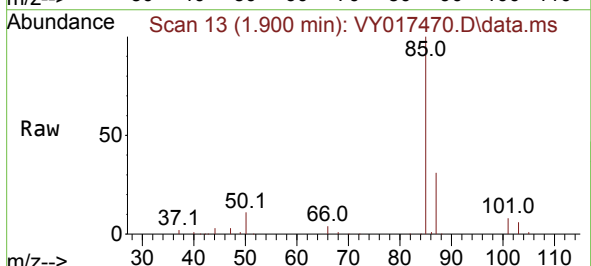
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

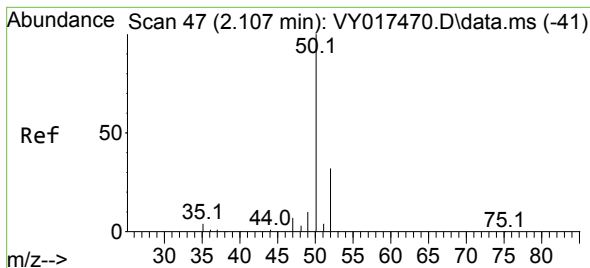
Tgt Ion:168 Resp: 166415
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 48.792 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 85 Resp: 59896
Ion Ratio Lower Upper
85 100
87 31.2 16.0 48.0





#3

Chloromethane

Concen: 48.991 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

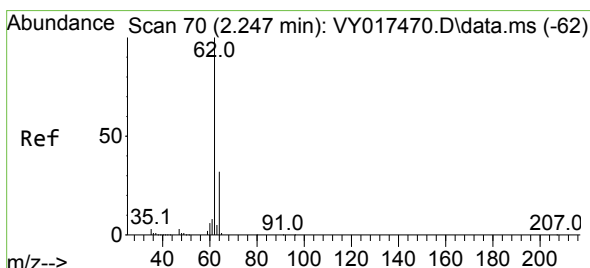
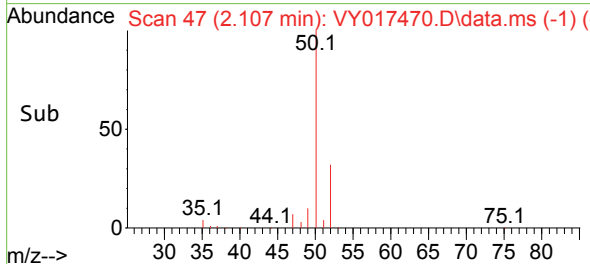
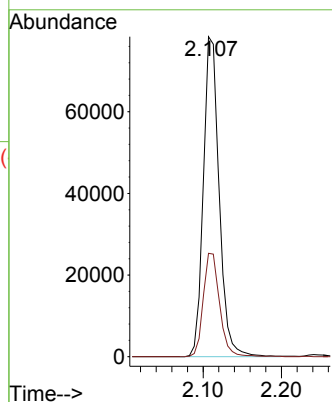
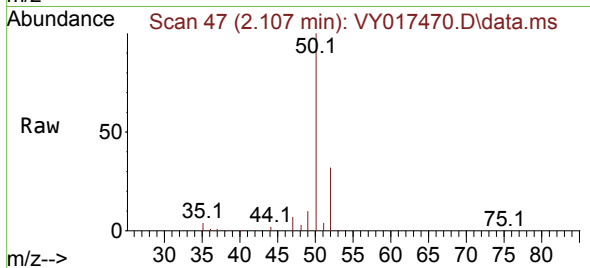
VSTDICCC050

Tgt Ion: 50 Resp: 109883

Ion Ratio Lower Upper

50 100

52 32.3 25.6 38.4



#4

Vinyl Chloride

Concen: 49.759 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017470.D

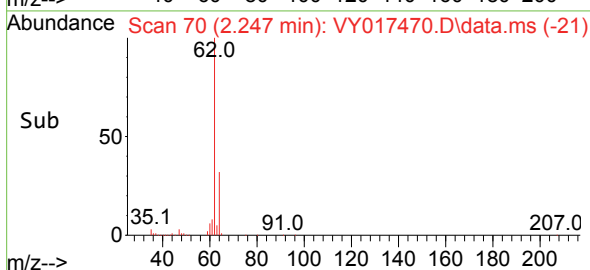
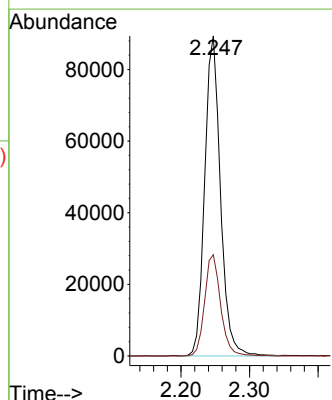
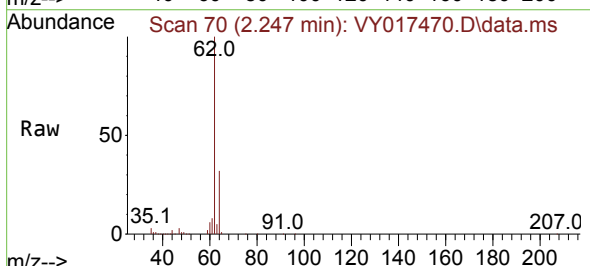
Acq: 23 Feb 2024 17:33

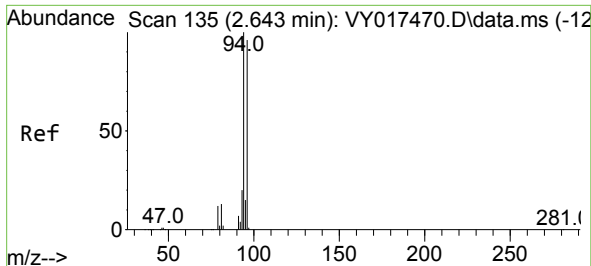
Tgt Ion: 62 Resp: 143179

Ion Ratio Lower Upper

62 100

64 31.7 26.1 39.1

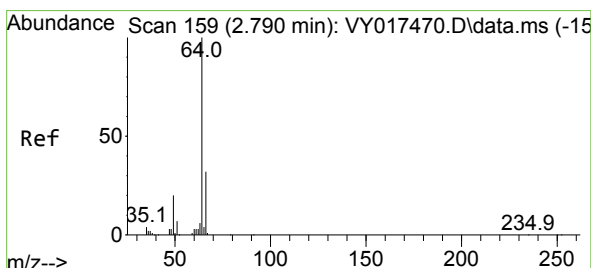
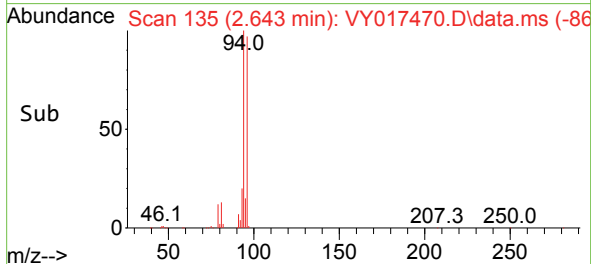
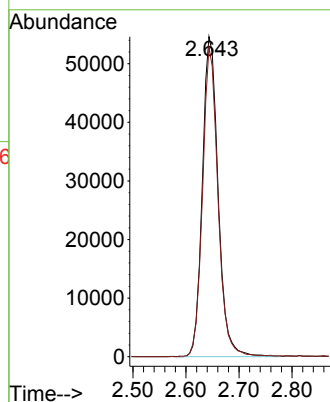
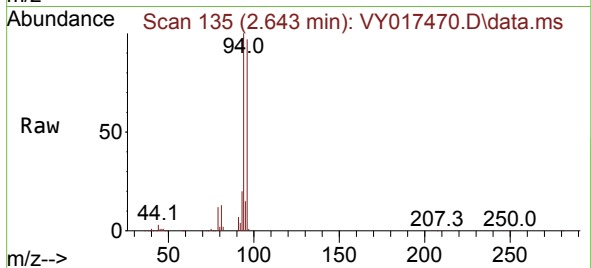




#5
Bromomethane
Concen: 48.246 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

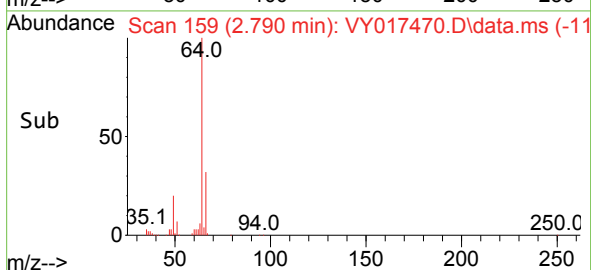
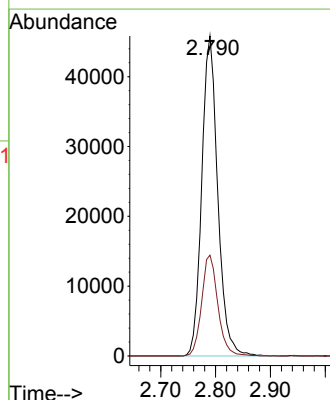
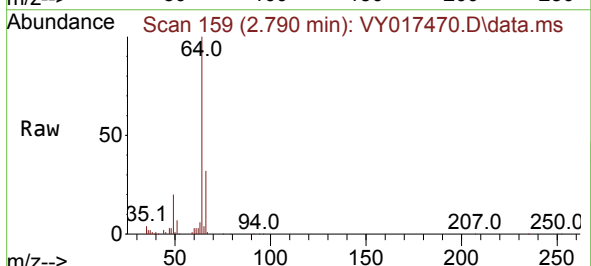
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

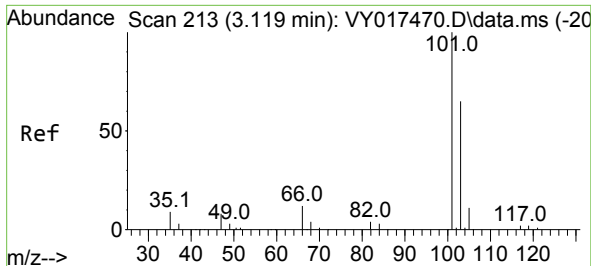
Tgt Ion: 94 Resp: 113132
Ion Ratio Lower Upper
94 100
96 96.4 74.1 111.1



#6
Chloroethane
Concen: 51.047 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 64 Resp: 92662
Ion Ratio Lower Upper
64 100
66 31.5 26.1 39.1

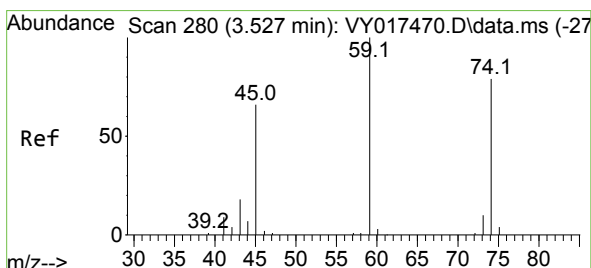
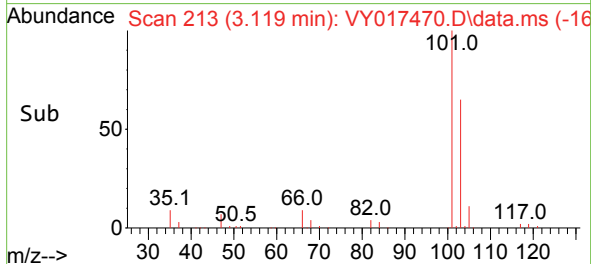
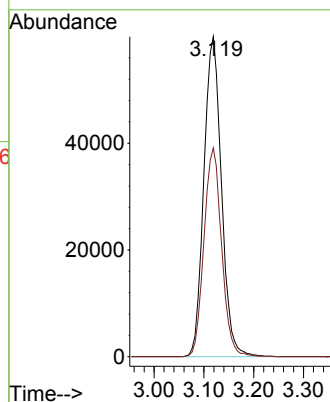
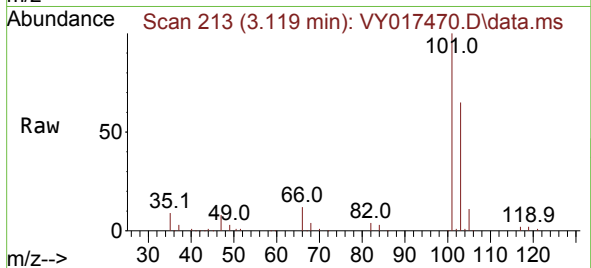




#7
 Trichlorofluoromethane
 Concen: 50.081 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017470.D
 Acq: 23 Feb 2024 17:33

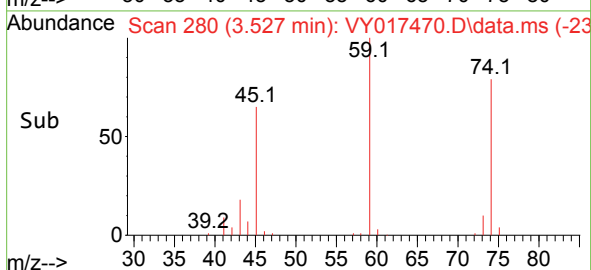
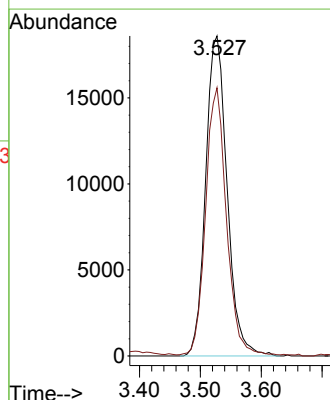
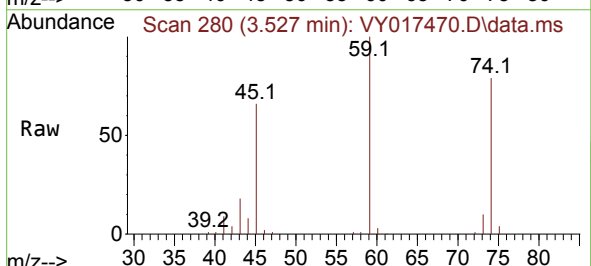
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

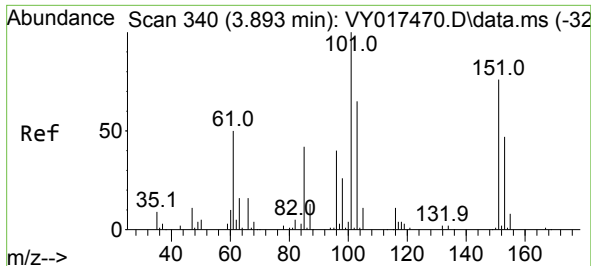
Tgt Ion:101 Resp: 146872
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 52.920 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017470.D
 Acq: 23 Feb 2024 17:33

Tgt Ion: 74 Resp: 45519
 Ion Ratio Lower Upper
 74 100
 45 81.0 41.3 124.1

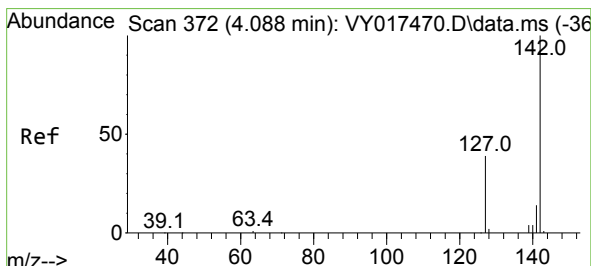
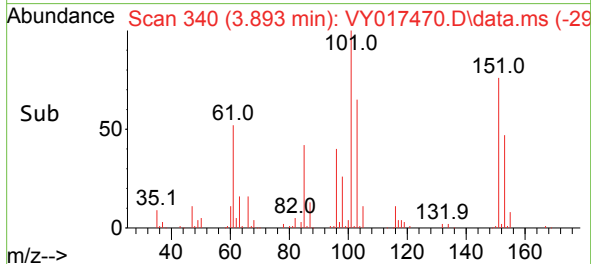
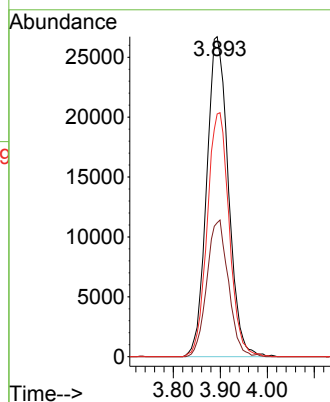
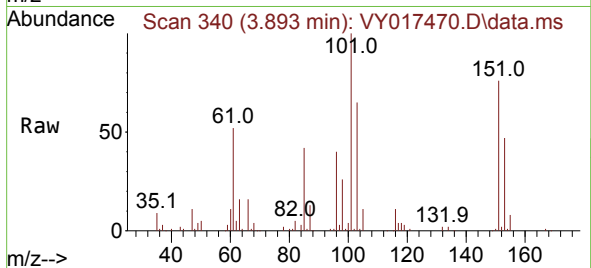




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.839 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

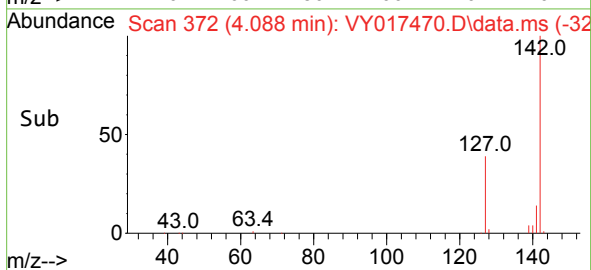
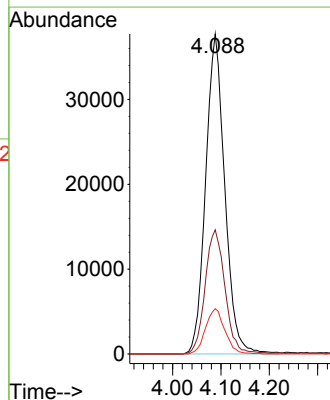
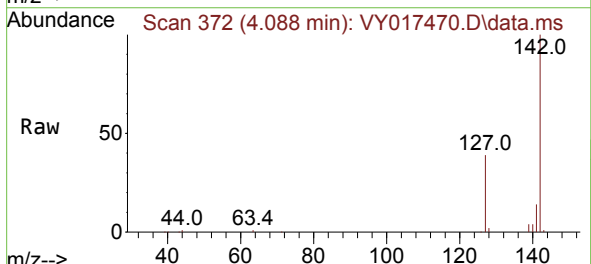
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

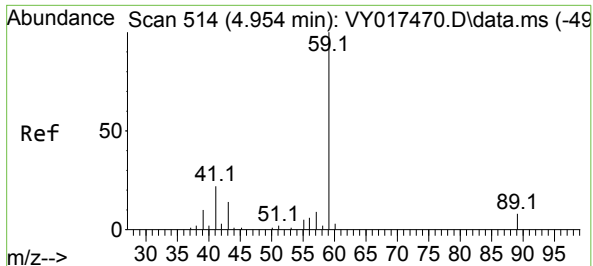
Tgt Ion:101 Resp: 85759
Ion Ratio Lower Upper
101 100
85 42.5 34.5 51.7
151 77.0 61.7 92.5



#10
Methyl Iodide
Concen: 54.706 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion:142 Resp: 103564
Ion Ratio Lower Upper
142 100
127 40.4 32.8 49.2
141 14.3 11.4 17.2

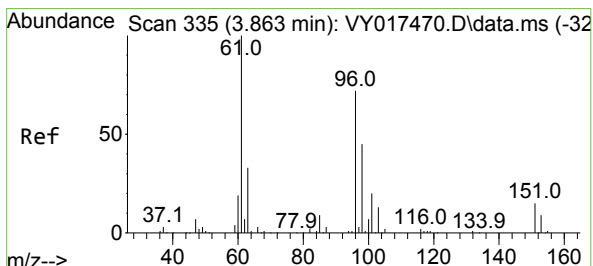
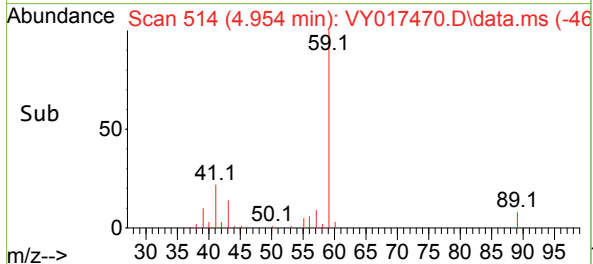
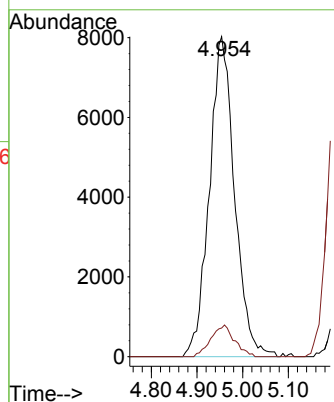
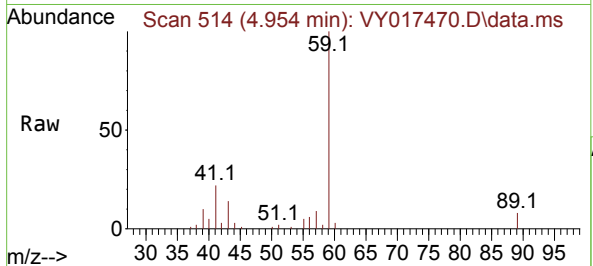




#11
Tert butyl alcohol
Concen: 229.670 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

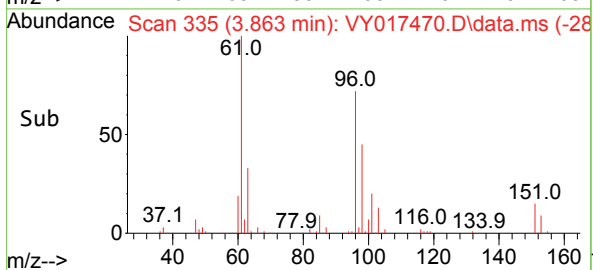
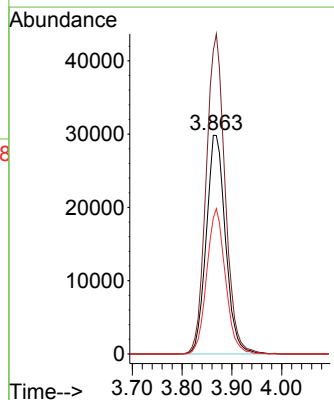
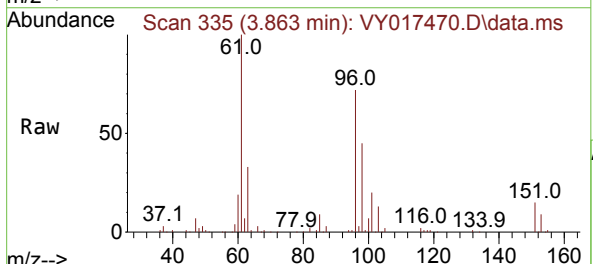
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

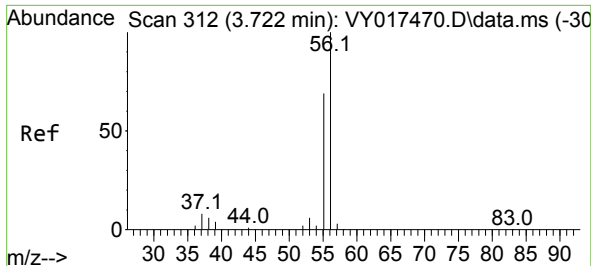
Tgt Ion: 59 Resp: 30769
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.987 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 96 Resp: 80155
Ion Ratio Lower Upper
96 100
61 138.8 114.6 171.8
98 62.2 50.8 76.2





#13

Acrolein

Concen: 252.193 ug/l

RT: 3.722 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

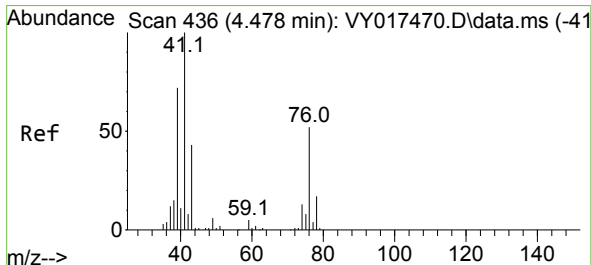
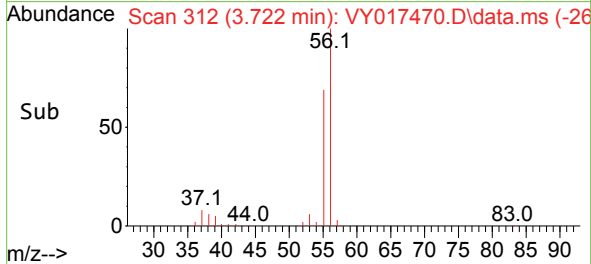
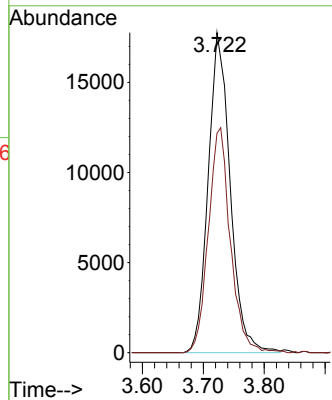
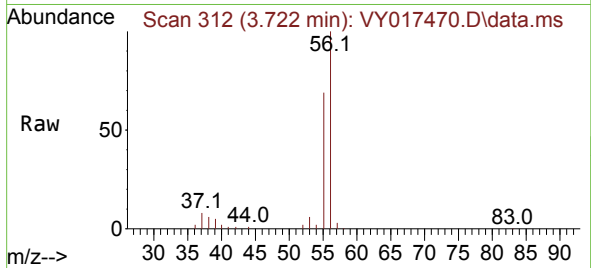
VSTDICCC050

Tgt Ion: 56 Resp: 44580

Ion Ratio Lower Upper

56 100

55 70.3 55.7 83.5



#14

Allyl chloride

Concen: 52.772 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

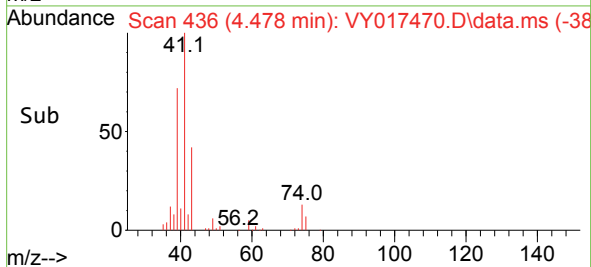
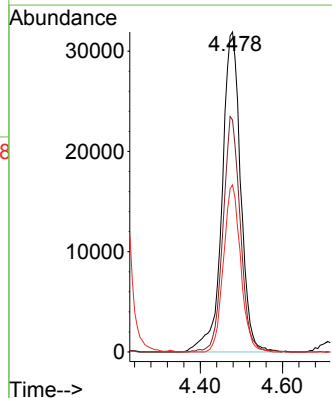
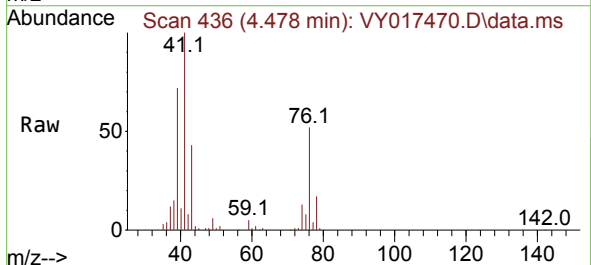
Tgt Ion: 41 Resp: 100242

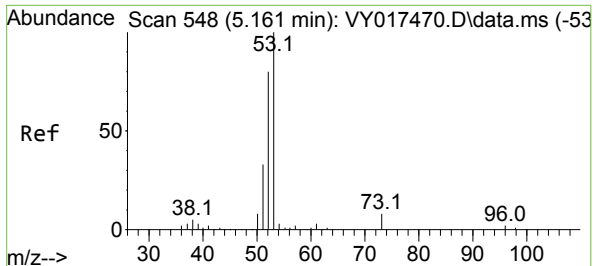
Ion Ratio Lower Upper

41 100

39 68.5 58.3 87.5

76 48.3 39.0 58.6





#15

Acrylonitrile

Concen: 269.257 ug/l

RT: 5.161 min Scan# 548

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

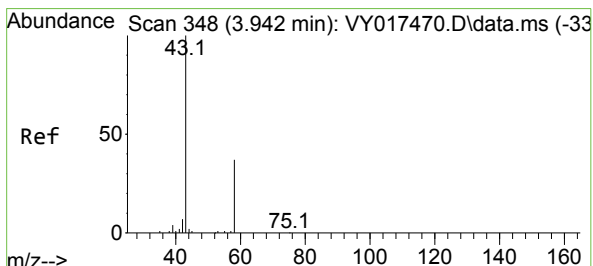
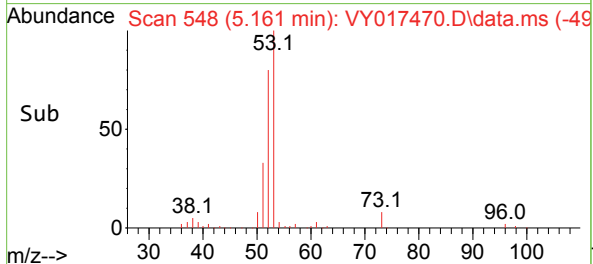
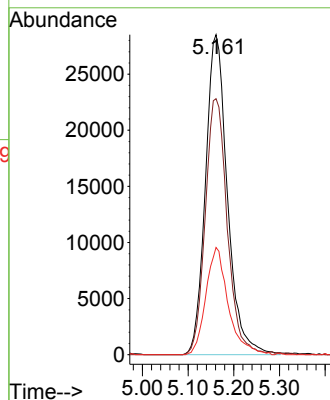
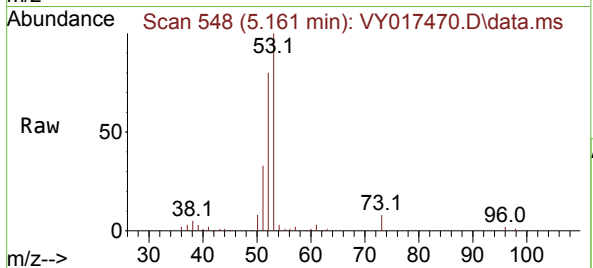
Tgt Ion: 53 Resp: 95207

Ion Ratio Lower Upper

53 100

52 80.5 64.7 97.1

51 34.2 28.4 42.6



#16

Acetone

Concen: 260.773 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY017470.D

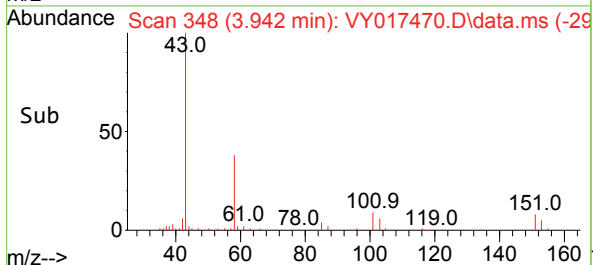
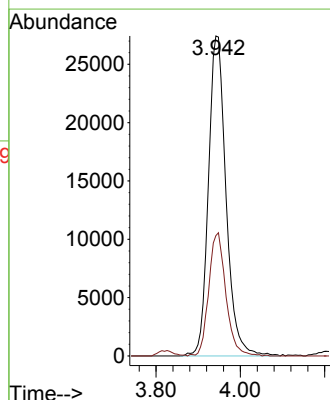
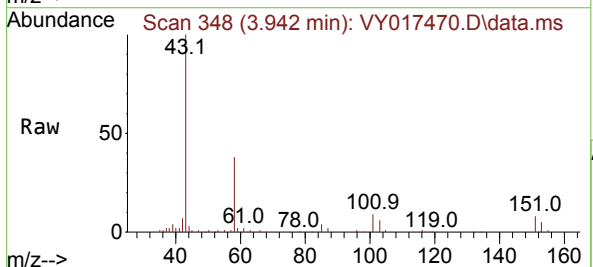
Acq: 23 Feb 2024 17:33

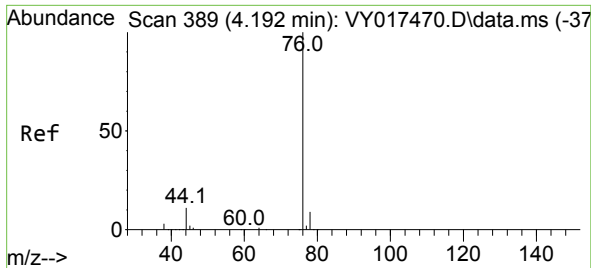
Tgt Ion: 43 Resp: 79772

Ion Ratio Lower Upper

43 100

58 37.6 31.7 47.5

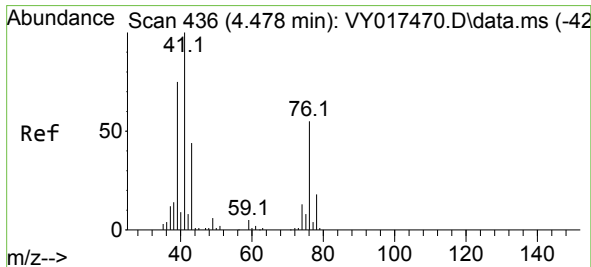
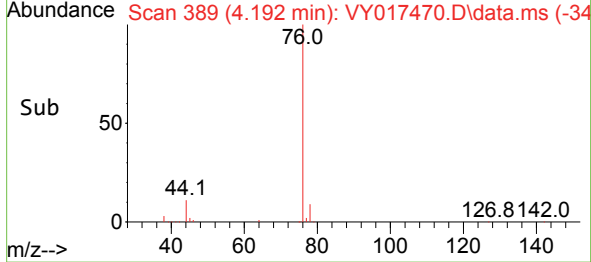
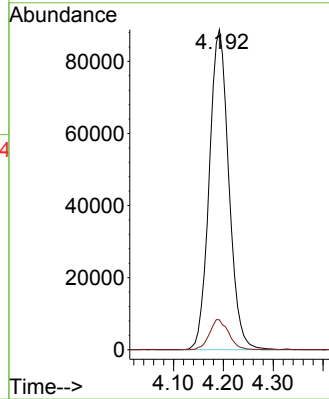
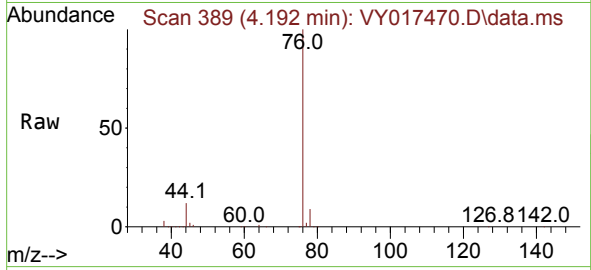




#17
Carbon Disulfide
Concen: 51.249 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

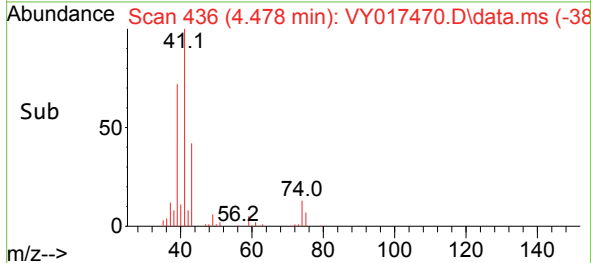
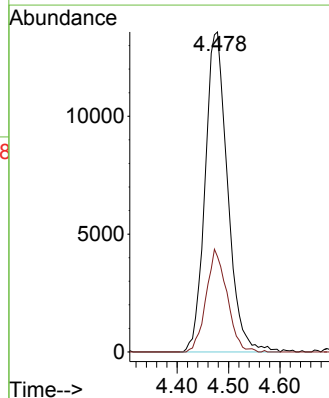
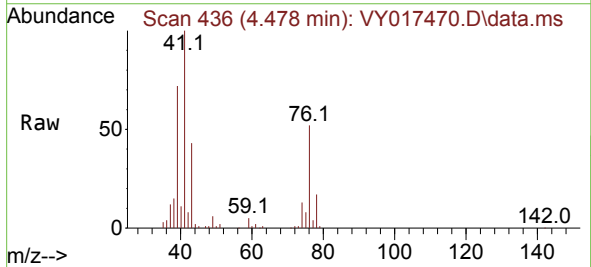
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

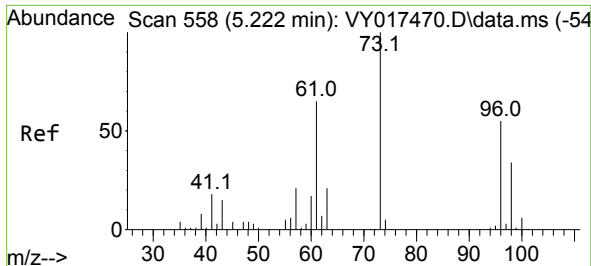
Tgt Ion: 76 Resp: 241823
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 55.435 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 43 Resp: 41141
Ion Ratio Lower Upper
43 100
74 29.9 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 54.546 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

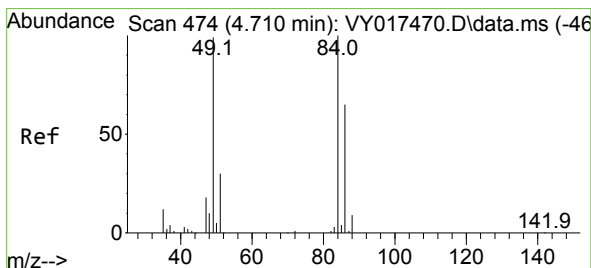
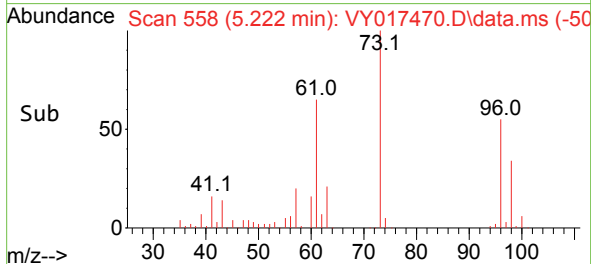
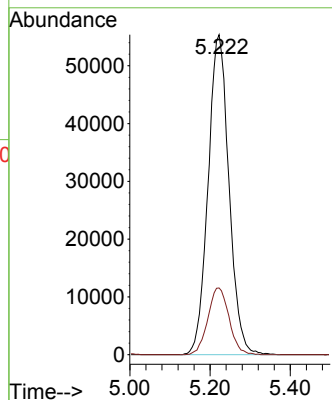
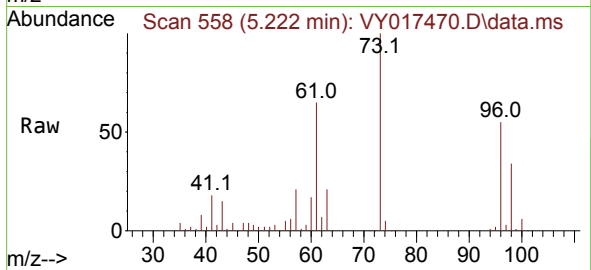
VSTDICCC050

Tgt Ion: 73 Resp: 199866

Ion Ratio Lower Upper

73 100

57 20.9 17.3 25.9



#20

Methylene Chloride

Concen: 53.959 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion: 84 Resp: 96200

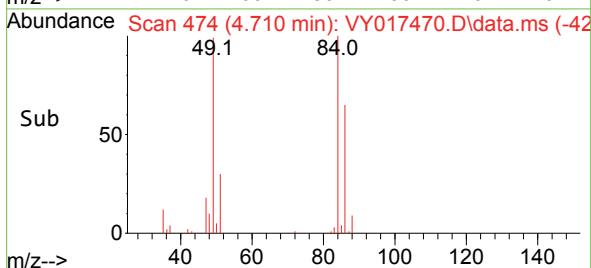
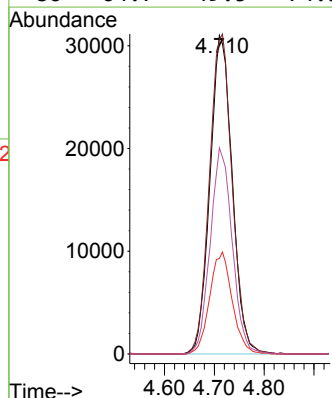
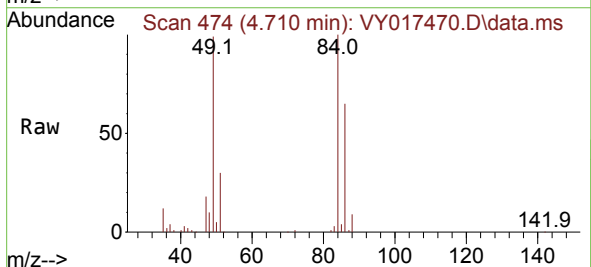
Ion Ratio Lower Upper

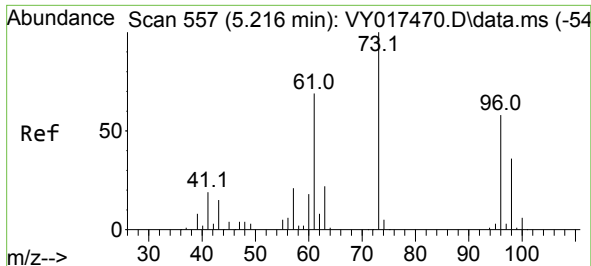
84 100

49 98.6 84.4 126.6

51 30.0 26.0 39.0

86 64.7 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 52.082 ug/l

RT: 5.216 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

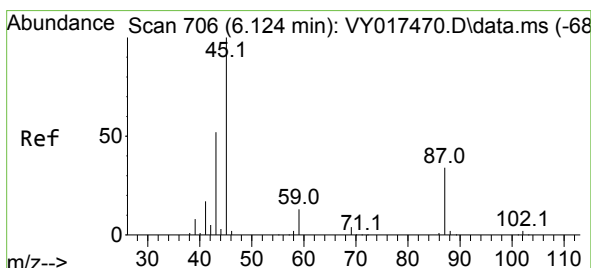
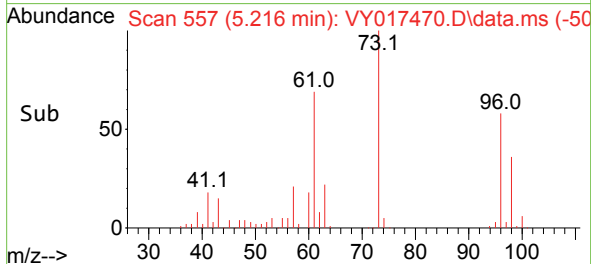
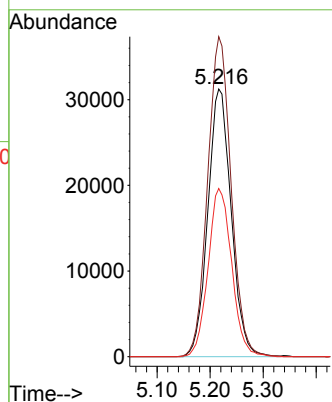
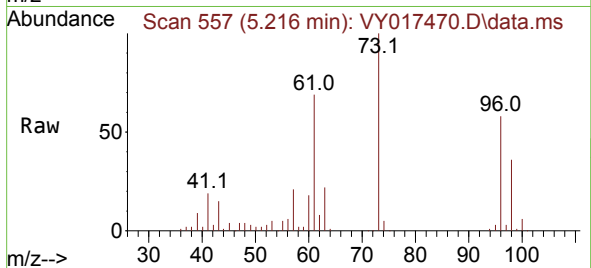
Tgt Ion: 96 Resp: 95865

Ion Ratio Lower Upper

96 100

61 119.3 97.5 146.3

98 62.8 50.5 75.7



#22

Diisopropyl ether

Concen: 54.266 ug/l

RT: 6.124 min Scan# 706

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion: 45 Resp: 237864

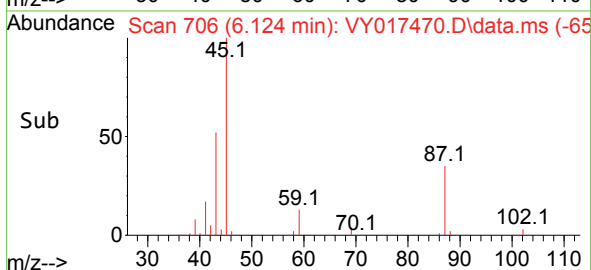
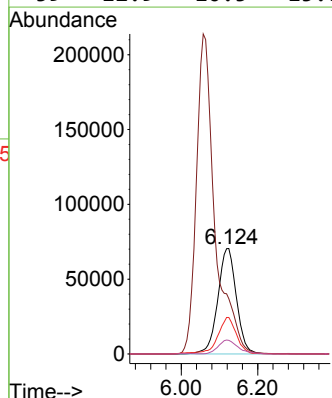
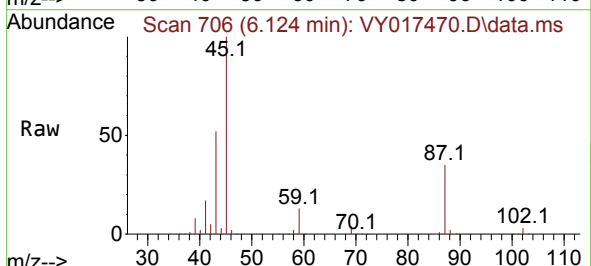
Ion Ratio Lower Upper

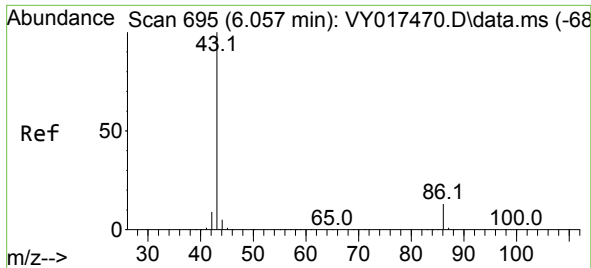
45 100

43 52.1 42.2 63.2

87 34.5 25.0 37.6

59 12.9 10.5 15.7

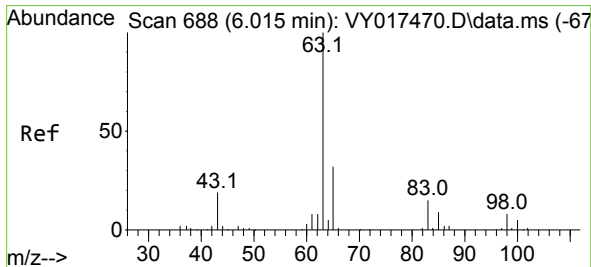
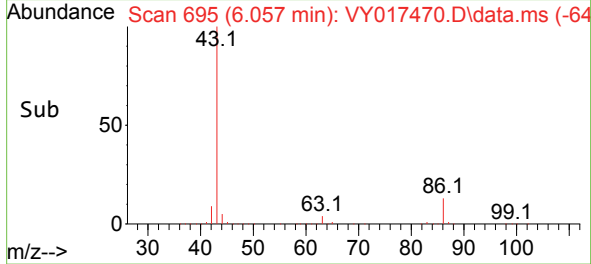
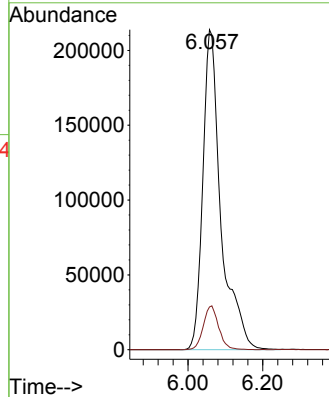
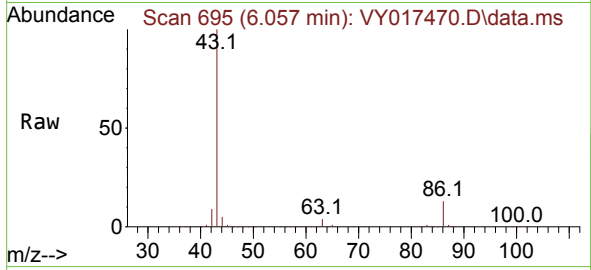




#23
 Vinyl Acetate
 Concen: 275.041 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017470.D
 Acq: 23 Feb 2024 17:33

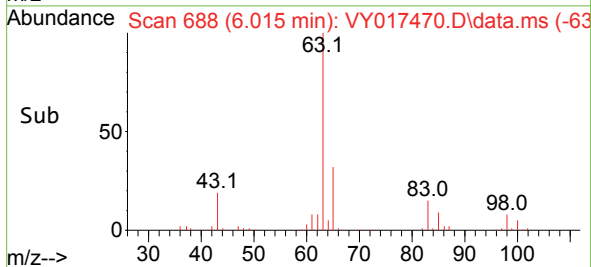
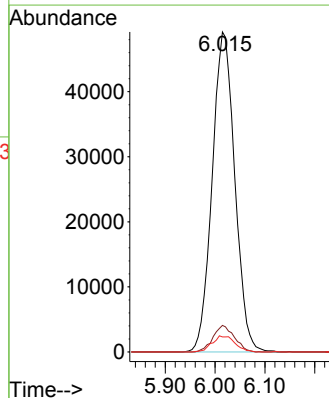
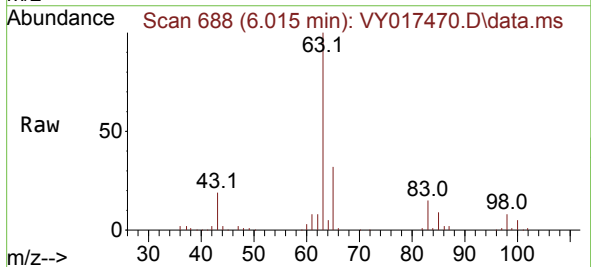
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

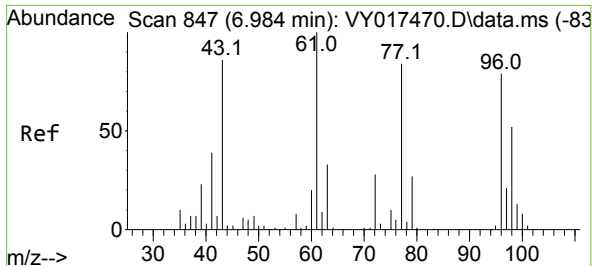
Tgt Ion: 43 Resp: 718397
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 51.779 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017470.D
 Acq: 23 Feb 2024 17:33

Tgt Ion: 63 Resp: 155058
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 12.2
 100 4.7 2.6 8.0





#25

2-Butanone

Concen: 272.294 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

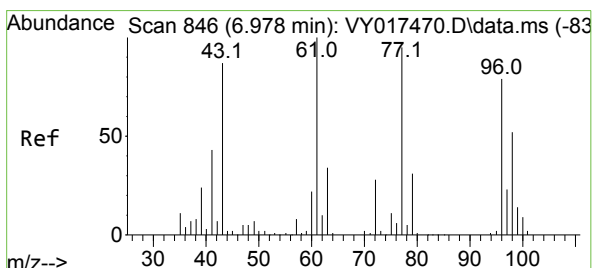
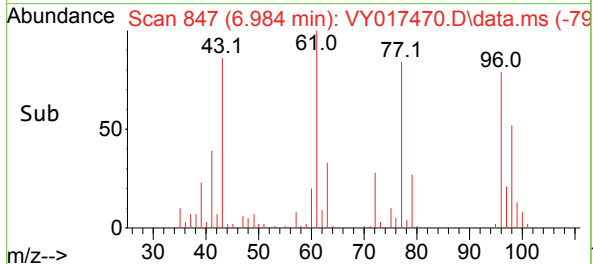
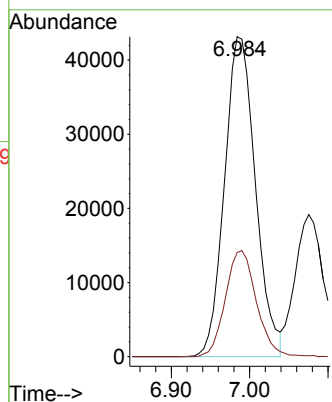
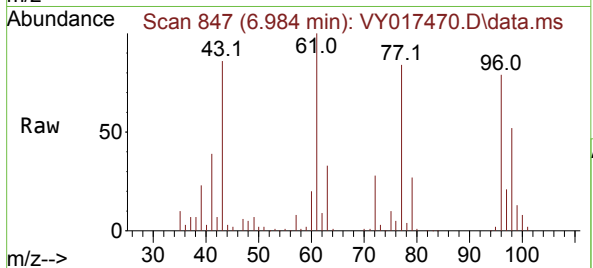
VSTDICCC050

Tgt Ion: 43 Resp: 118708

Ion Ratio Lower Upper

43 100

72 32.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 50.774 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017470.D

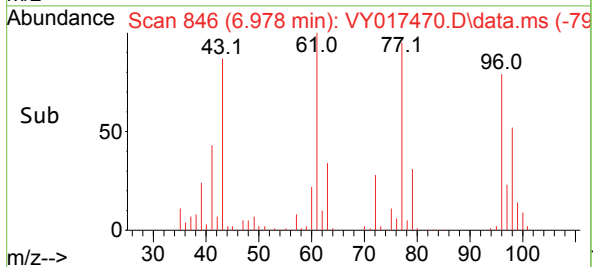
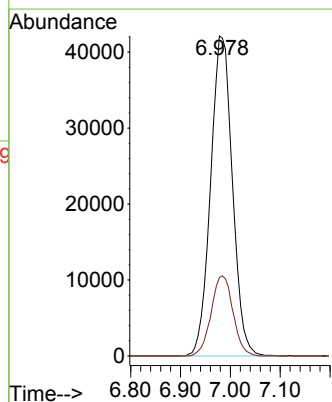
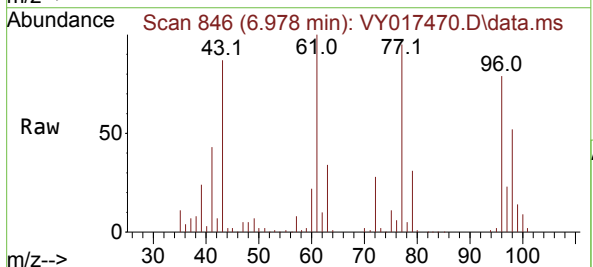
Acq: 23 Feb 2024 17:33

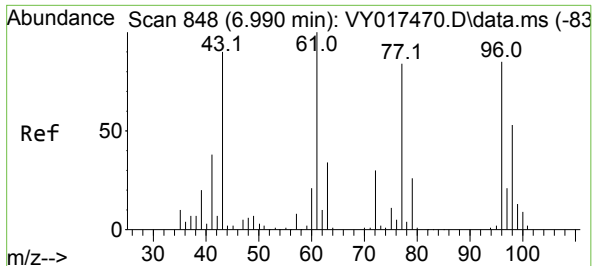
Tgt Ion: 77 Resp: 127836

Ion Ratio Lower Upper

77 100

97 25.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 52.826 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

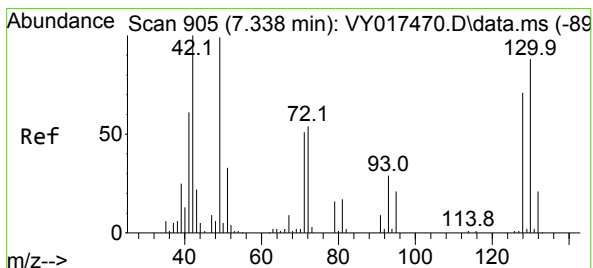
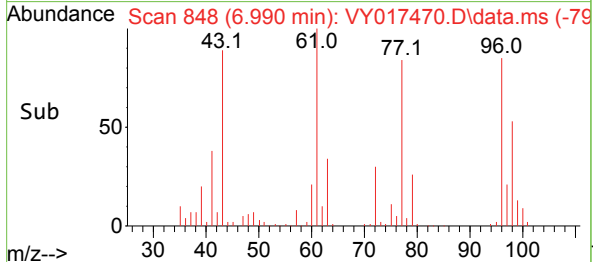
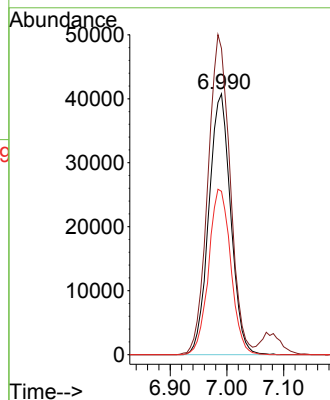
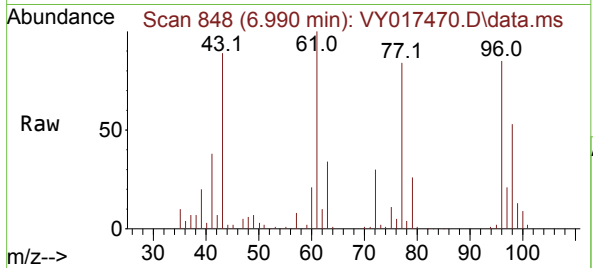
Tgt Ion: 96 Resp: 109173

Ion Ratio Lower Upper

96 100

61 124.5 0.0 256.2

98 64.2 0.0 130.0



#28

Bromochloromethane

Concen: 43.329 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

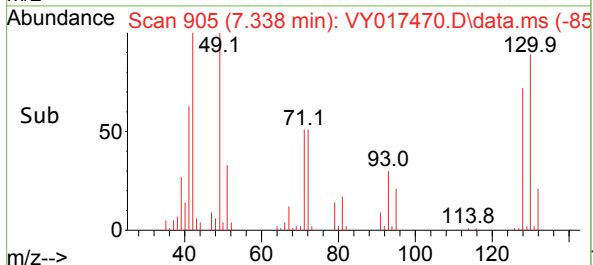
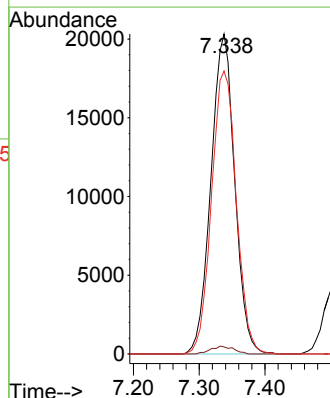
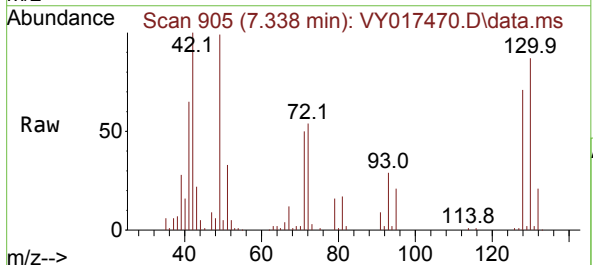
Tgt Ion: 49 Resp: 51101

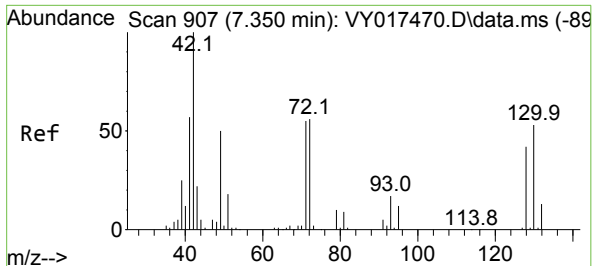
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 92.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 278.854 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

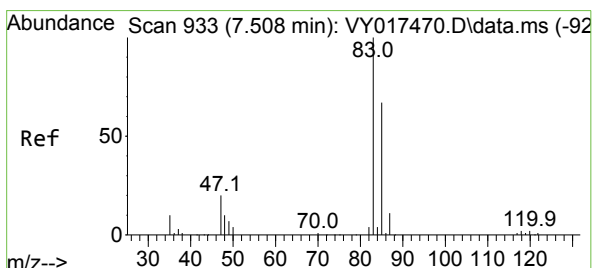
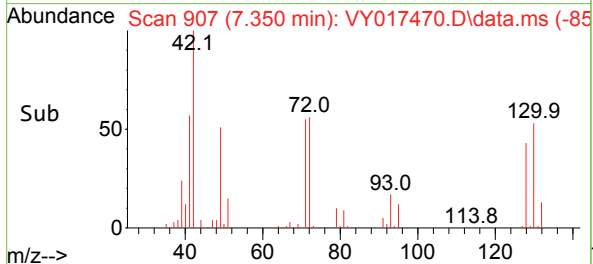
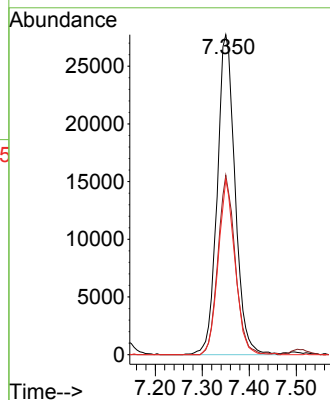
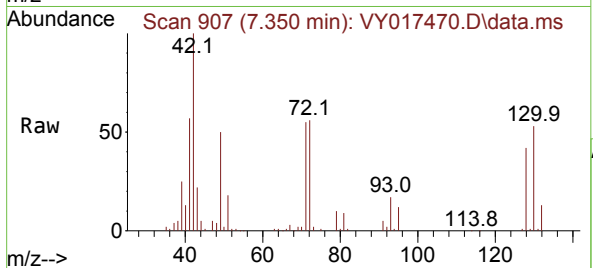
Tgt Ion: 42 Resp: 73282

Ion Ratio Lower Upper

42 100

72 54.1 43.0 64.4

71 51.3 40.8 61.2



#30

Chloroform

Concen: 51.709 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017470.D

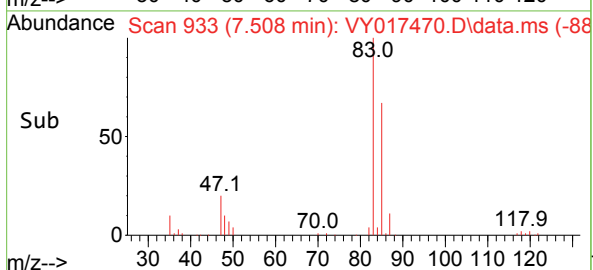
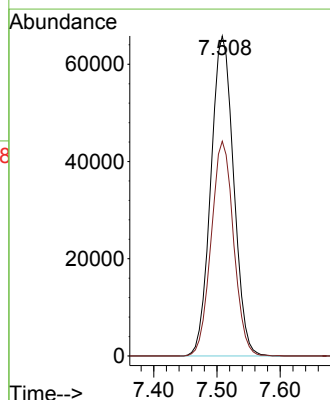
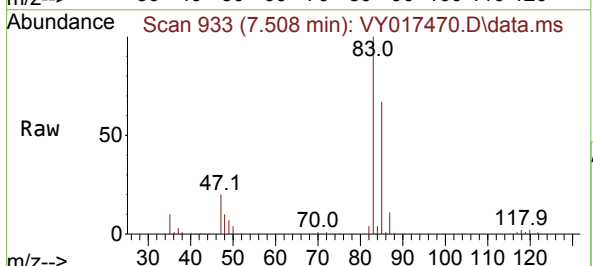
Acq: 23 Feb 2024 17:33

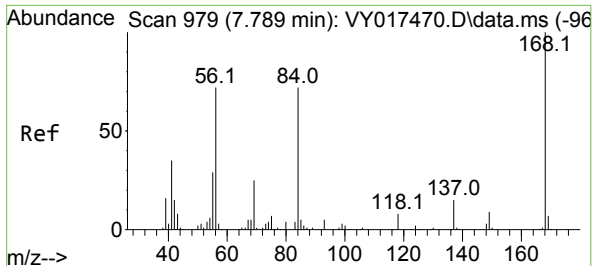
Tgt Ion: 83 Resp: 164862

Ion Ratio Lower Upper

83 100

85 67.1 52.2 78.4

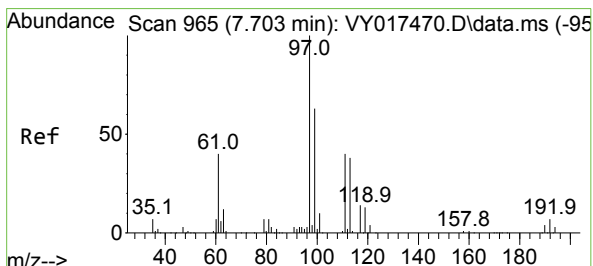
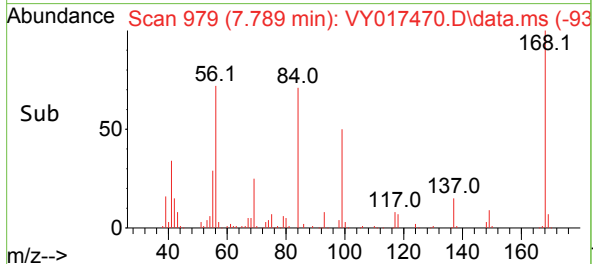
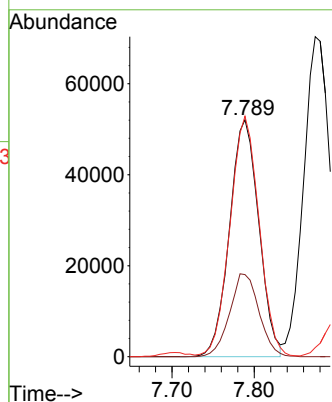
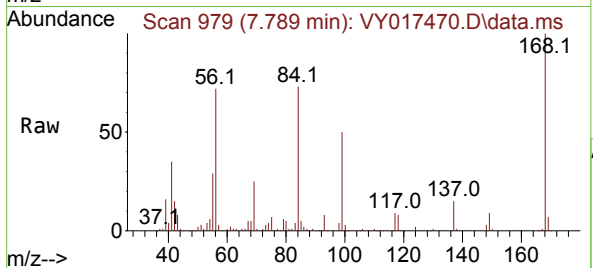




#31
Cyclohexane
Concen: 50.325 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

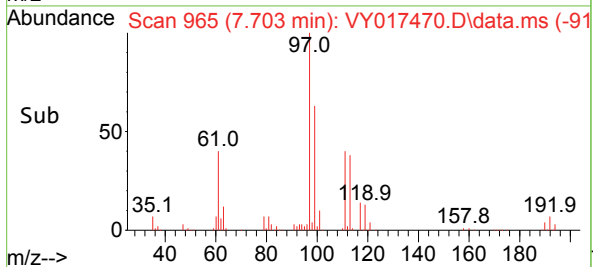
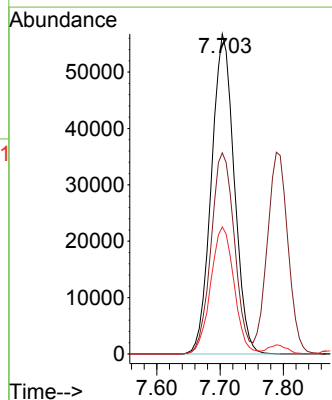
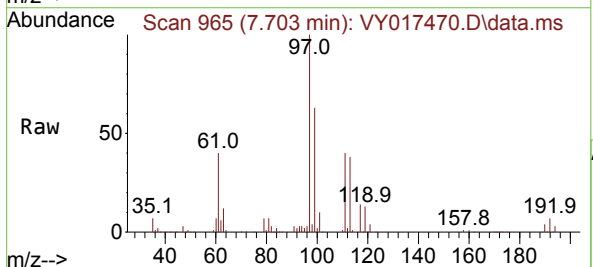
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

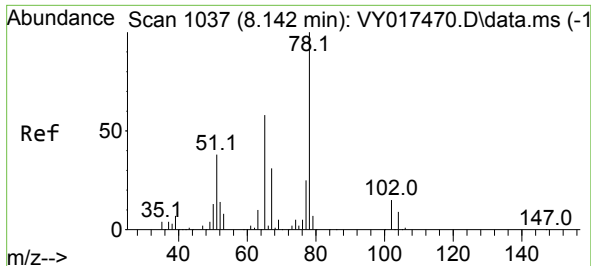
Tgt Ion: 56 Resp: 129168
Ion Ratio Lower Upper
56 100
69 34.6 28.7 43.1
84 99.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.356 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 97 Resp: 142154
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 40.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.484 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

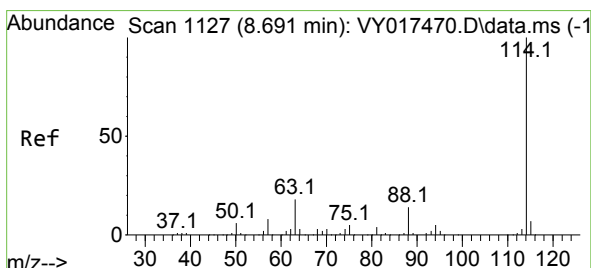
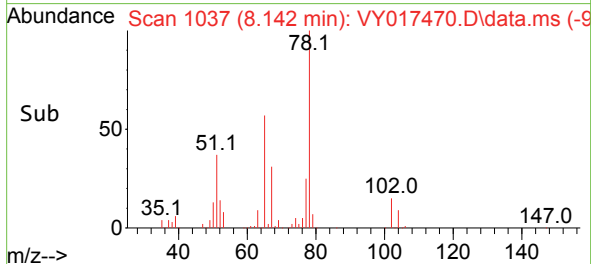
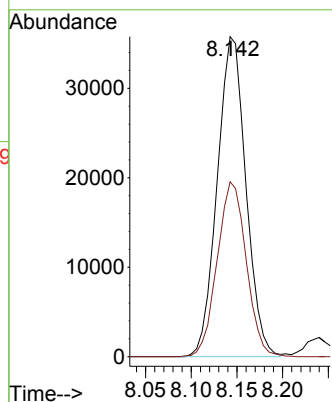
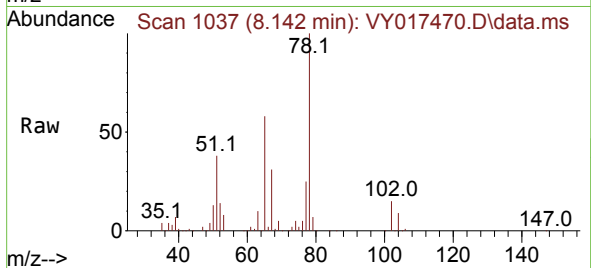
VSTDICCC050

Tgt Ion: 65 Resp: 78045

Ion Ratio Lower Upper

65 100

67 55.4 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: VY017470.D

Acq: 23 Feb 2024 17:33

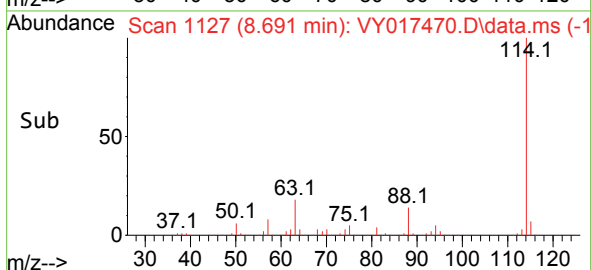
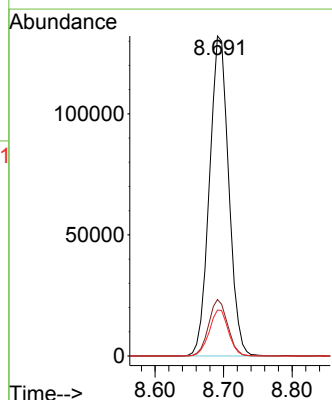
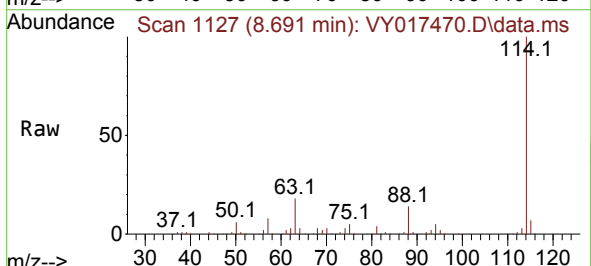
Tgt Ion: 114 Resp: 258158

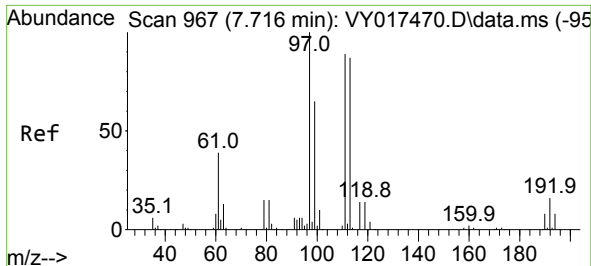
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.3 0.0 27.2

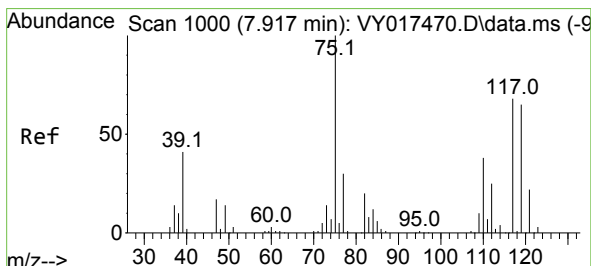
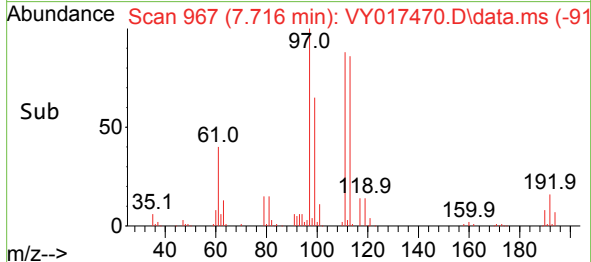
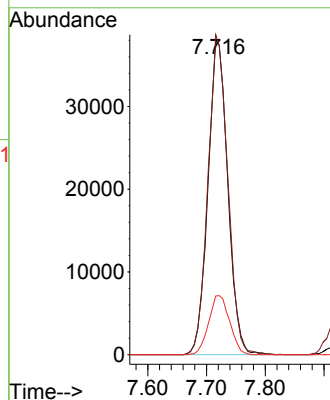
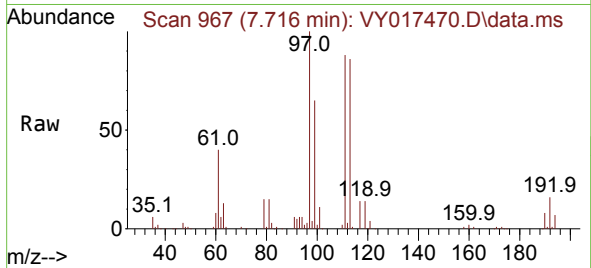




#35
Dibromofluoromethane
Concen: 49.502 ug/l
RT: 7.716 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

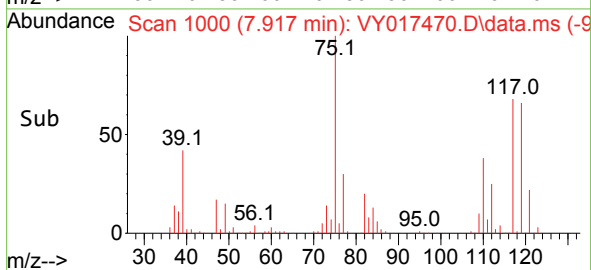
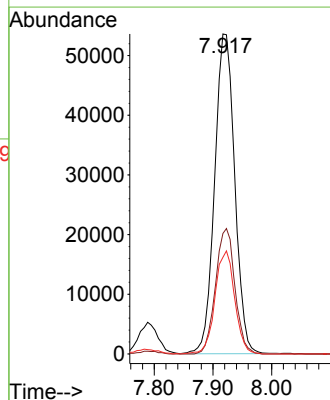
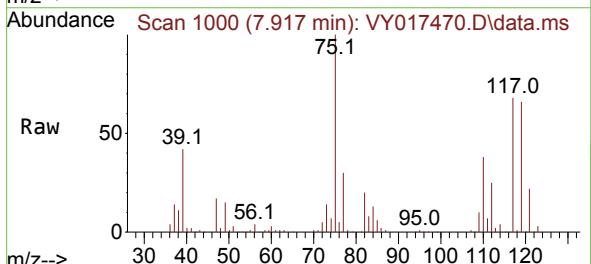
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

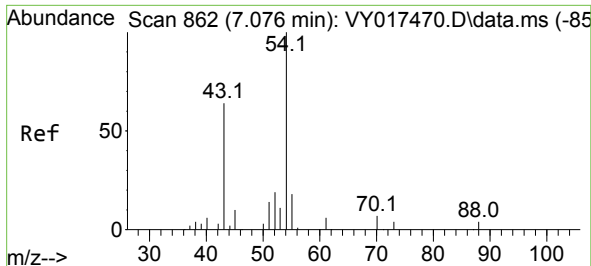
Tgt Ion:113 Resp: 89051
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 19.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.397 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 75 Resp: 127176
Ion Ratio Lower Upper
75 100
110 38.0 19.0 57.0
77 31.6 25.3 37.9

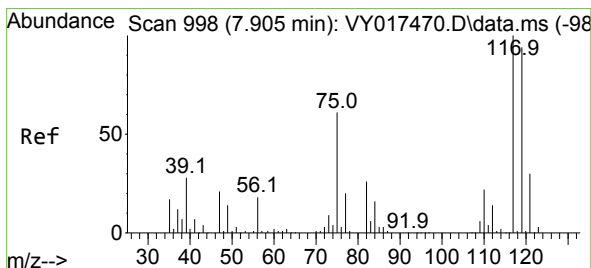
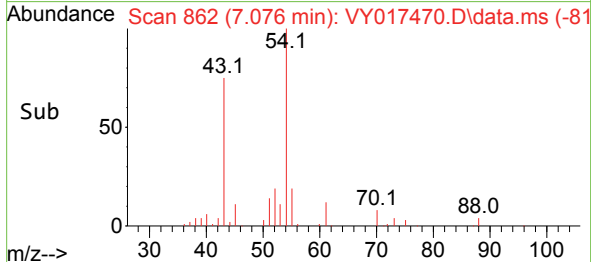
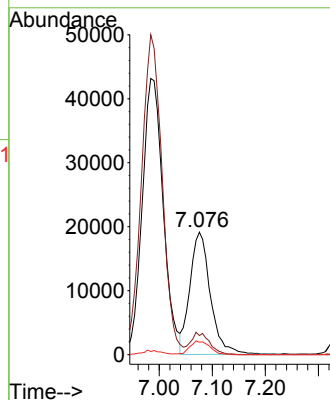
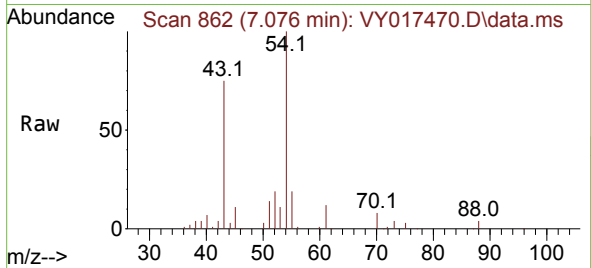




#37
Ethyl Acetate
Concen: 53.373 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

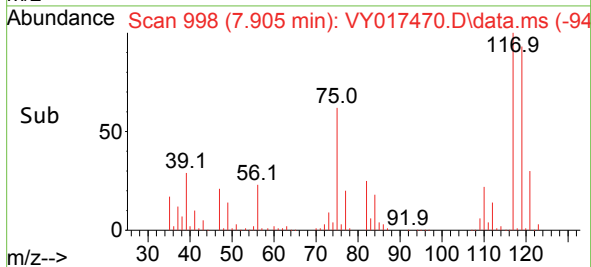
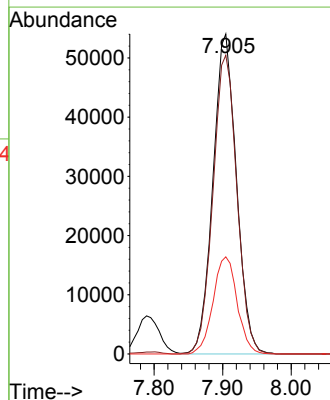
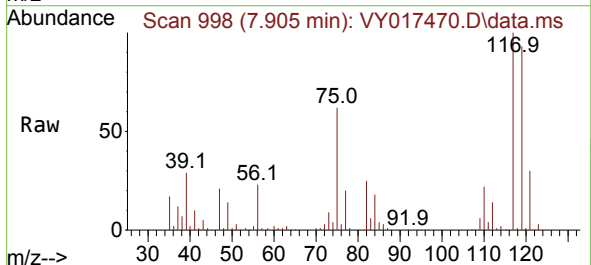
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

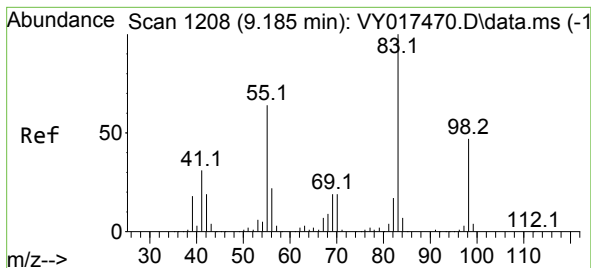
Tgt Ion:	43	Resp:	51165
Ion	Ratio	Lower	Upper
43	100		
61	17.0	12.6	19.0
70	10.8	7.8	11.8



#38
Carbon Tetrachloride
Concen: 52.819 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion:	117	Resp:	128485
Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.8	113.6
121	30.4	24.0	36.0





#39

Methylcyclohexane

Concen: 54.100 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

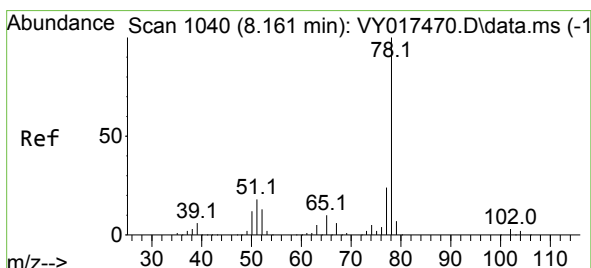
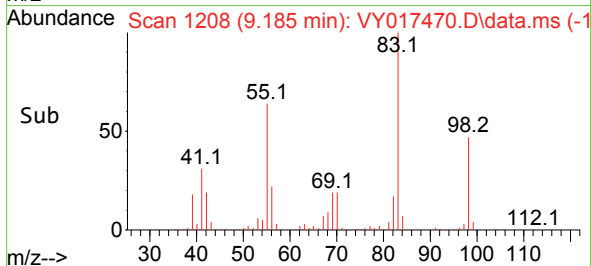
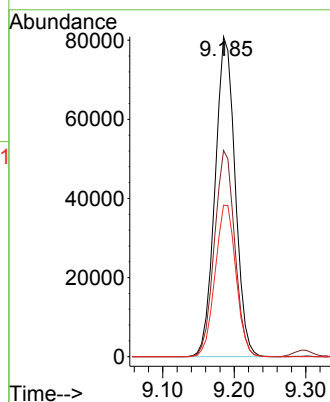
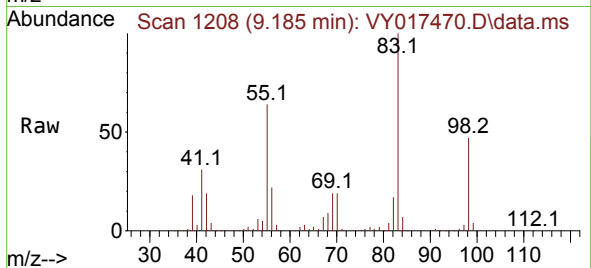
Tgt Ion: 83 Resp: 157804

Ion Ratio Lower Upper

83 100

55 64.5 51.5 77.3

98 47.3 40.5 60.7



#40

Benzene

Concen: 52.658 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017470.D

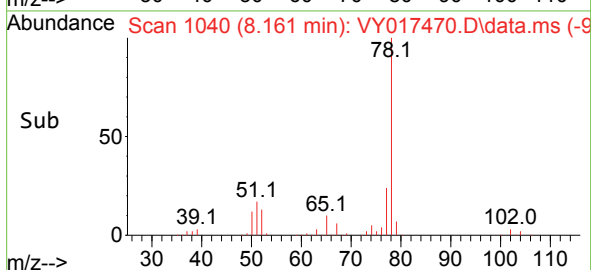
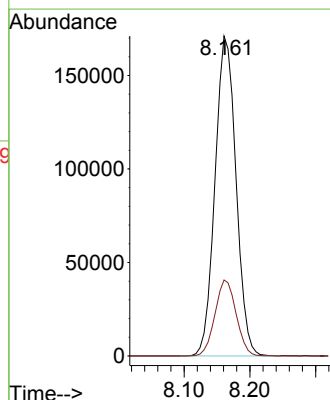
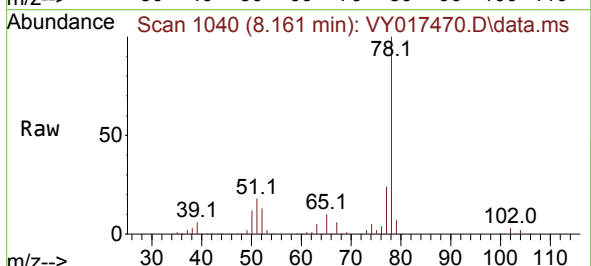
Acq: 23 Feb 2024 17:33

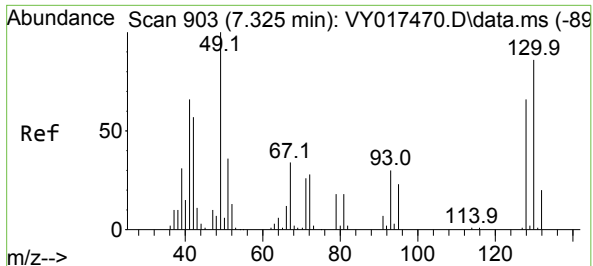
Tgt Ion: 78 Resp: 379558

Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3

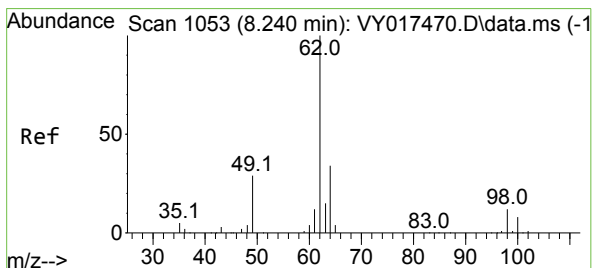
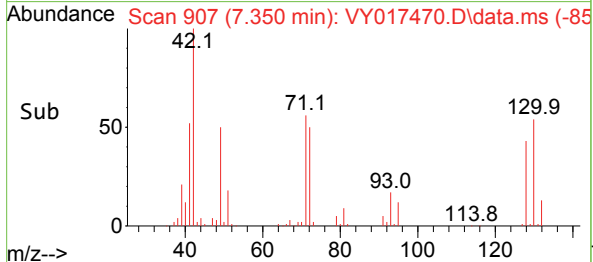
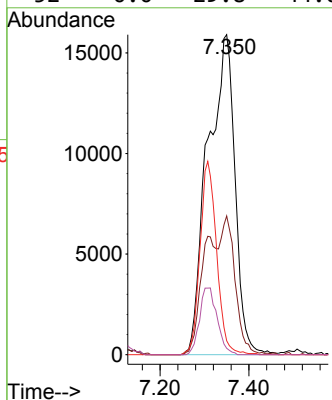
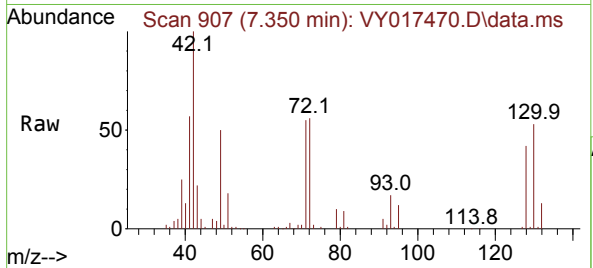




#41
Methacrylonitrile
Concen: 140.470 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.024 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

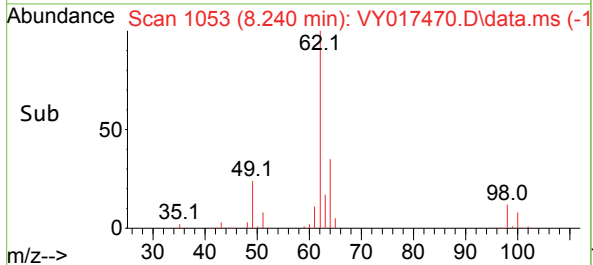
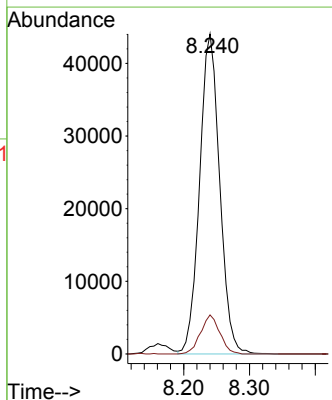
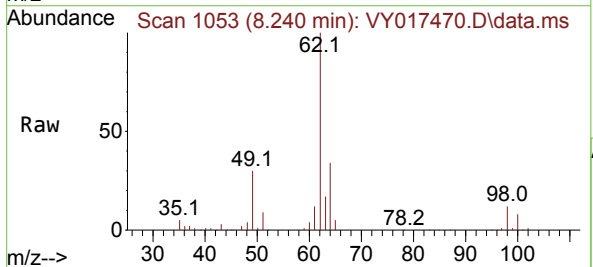
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

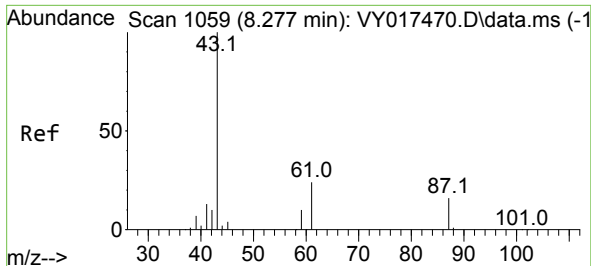
Tgt Ion: 41 Resp: 67574
Ion Ratio Lower Upper
41 100
39 22.3 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 53.244 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 62 Resp: 93638
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.0

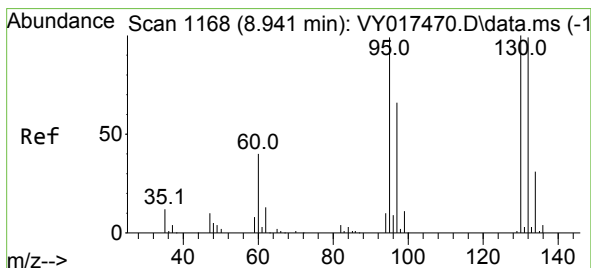
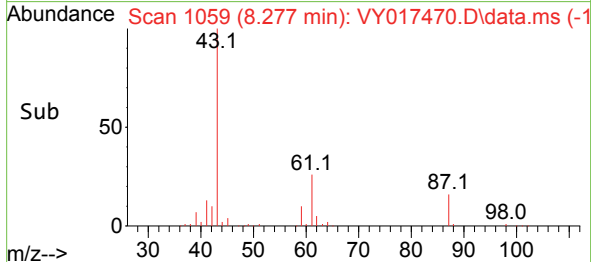
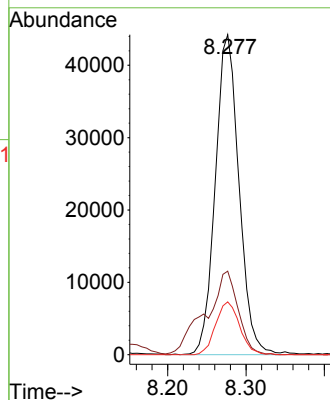
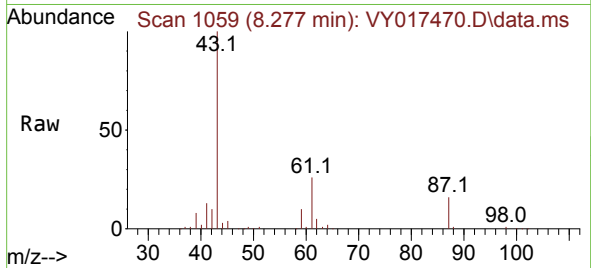




#43
Isopropyl Acetate
Concen: 55.186 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

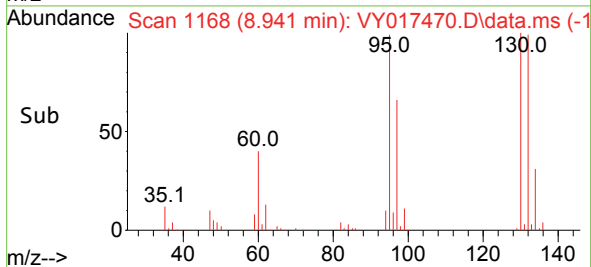
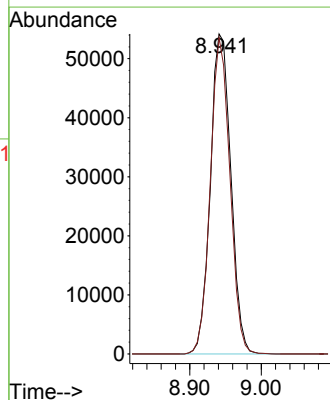
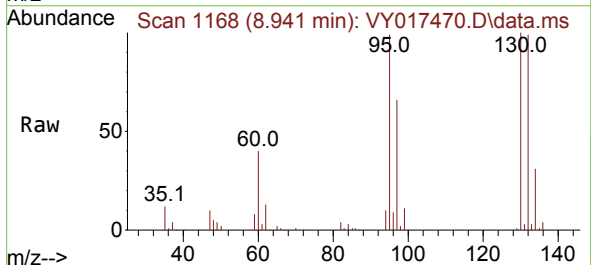
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

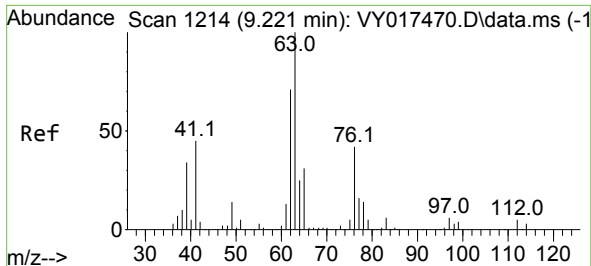
Tgt Ion: 43 Resp: 92965
Ion Ratio Lower Upper
43 100
61 35.9 27.9 41.9
87 16.7 13.1 19.7



#44
Trichloroethene
Concen: 51.951 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion:130 Resp: 107932
Ion Ratio Lower Upper
130 100
95 98.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 52.644 ug/l

RT: 9.221 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

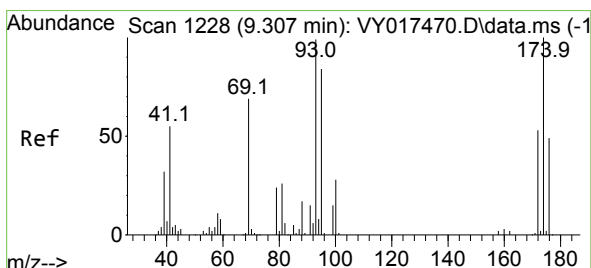
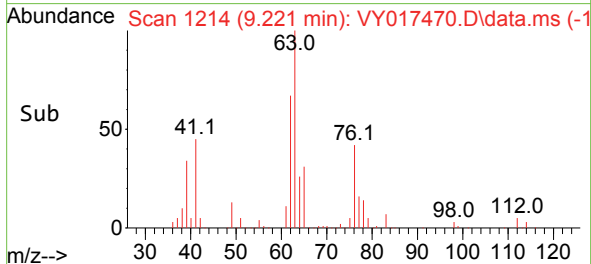
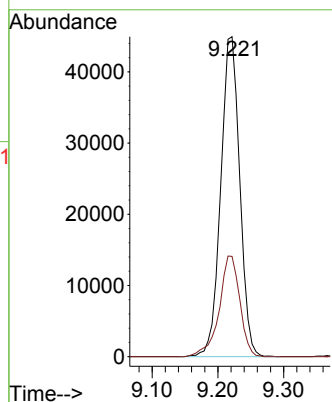
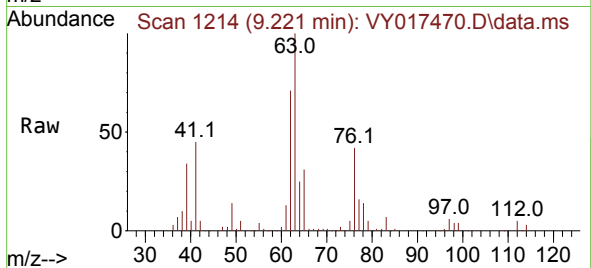
VSTDICCC050

Tgt Ion: 63 Resp: 90279

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.2



#46

Dibromomethane

Concen: 52.990 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

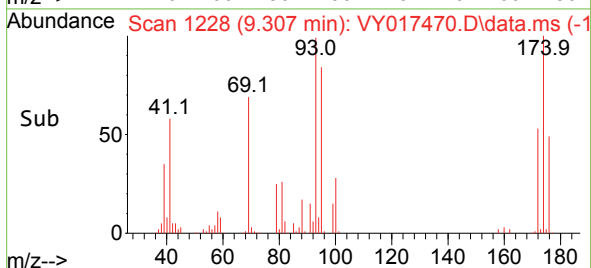
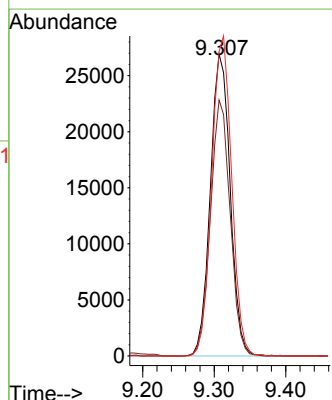
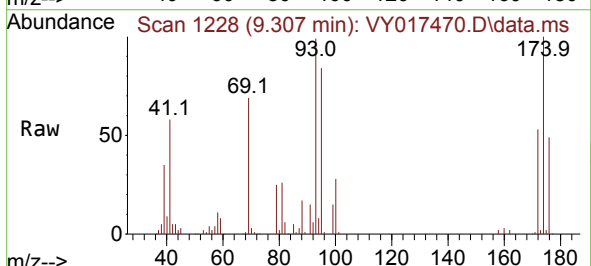
Tgt Ion: 93 Resp: 52006

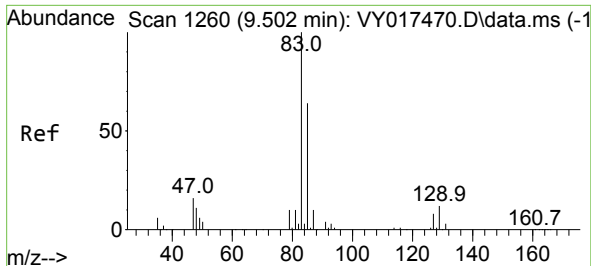
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 105.9 80.9 121.3

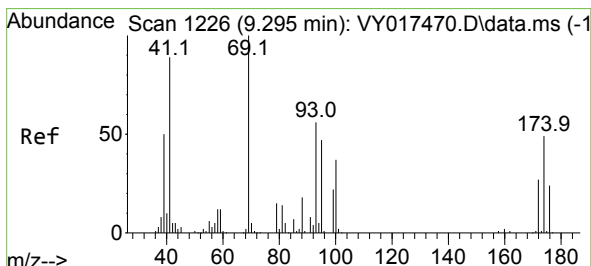
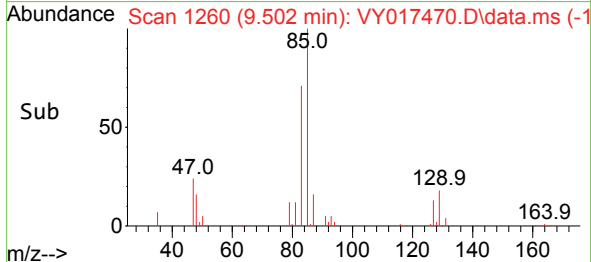
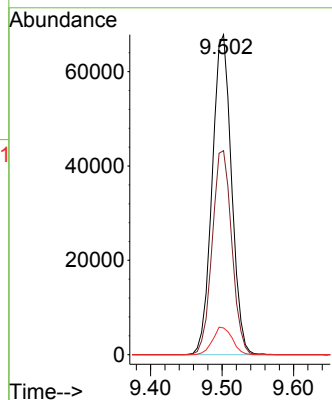
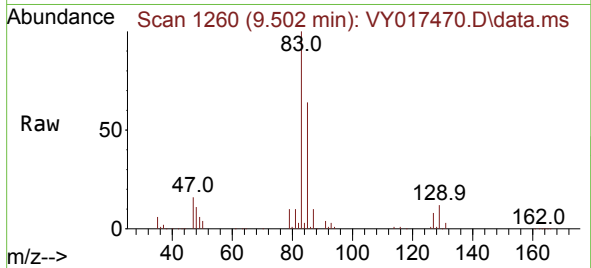




#47
Bromodichloromethane
Concen: 53.432 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

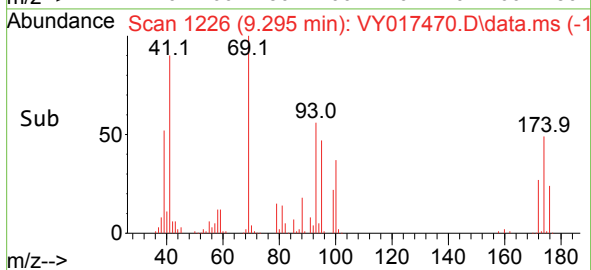
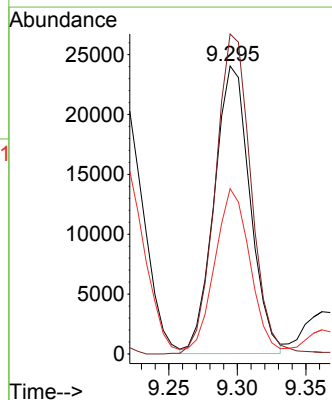
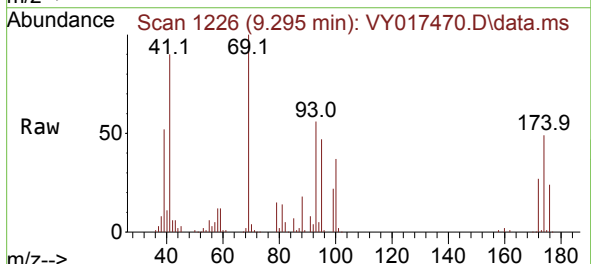
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

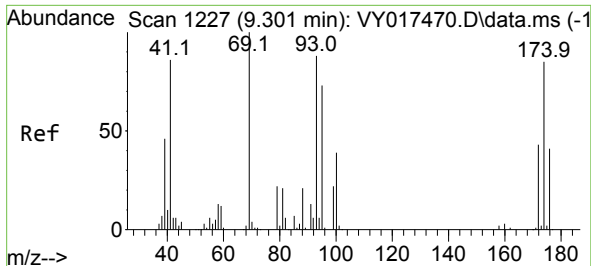
Tgt Ion: 83 Resp: 127328
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 56.069 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 41 Resp: 43720
Ion Ratio Lower Upper
41 100
69 110.7 84.1 126.1
39 53.8 43.6 65.4





#49

1,4-Dioxane

Concen: 1102.186 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

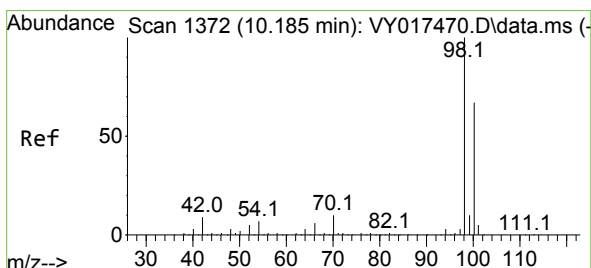
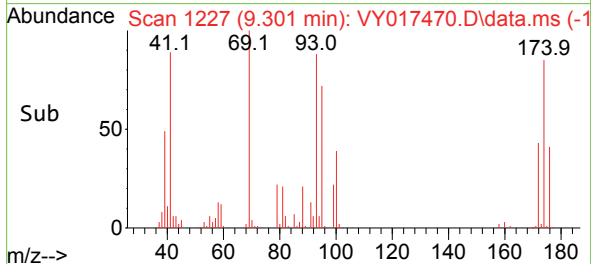
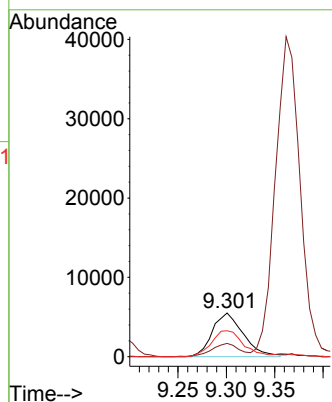
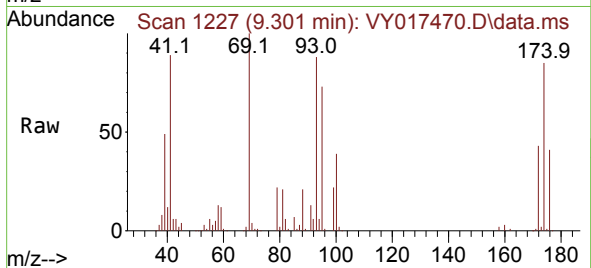
Tgt Ion: 88 Resp: 12242

Ion Ratio Lower Upper

88 100

43 27.7 0.0 0.0#

58 60.8 49.3 73.9



#50

Toluene-d8

Concen: 52.246 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017470.D

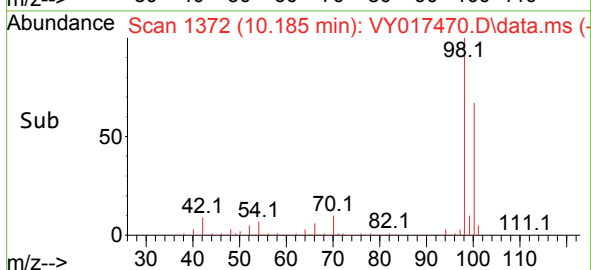
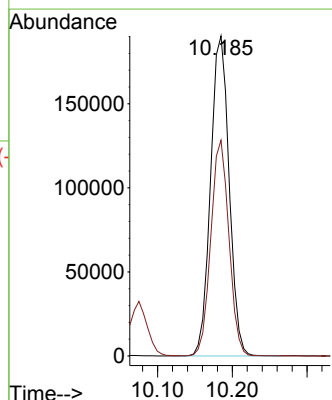
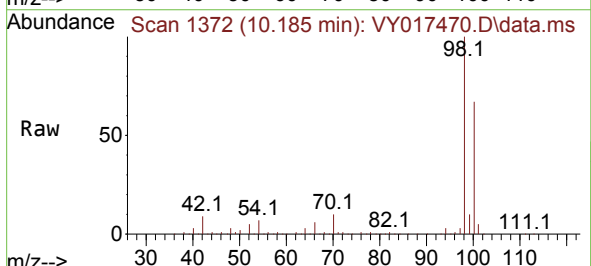
Acq: 23 Feb 2024 17:33

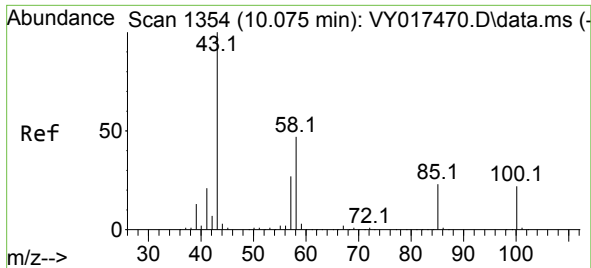
Tgt Ion: 98 Resp: 328613

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0

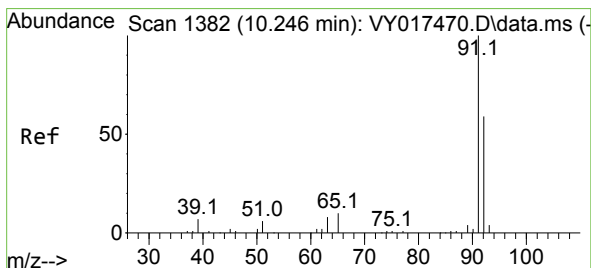
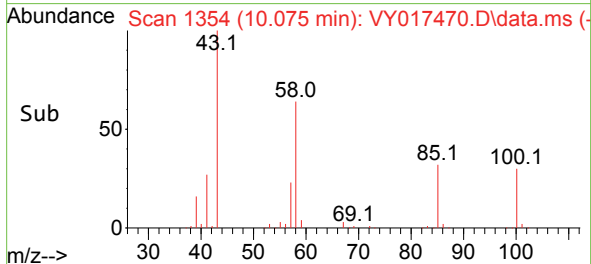
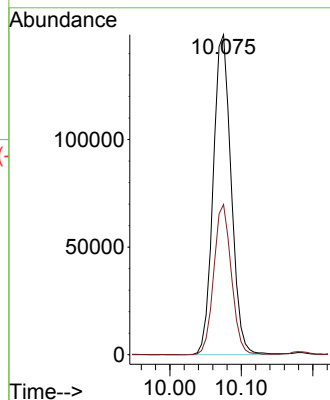
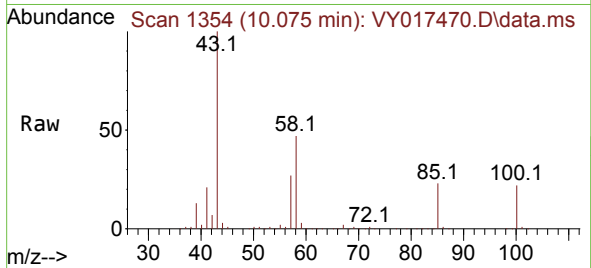




#51
4-Methyl-2-Pentanone
Concen: 276.859 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

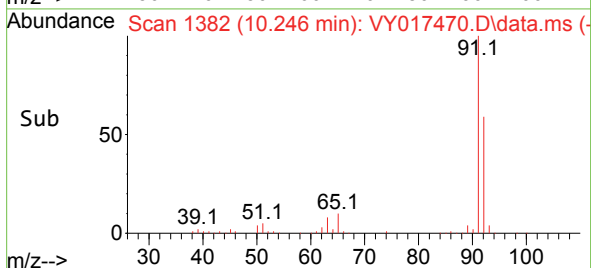
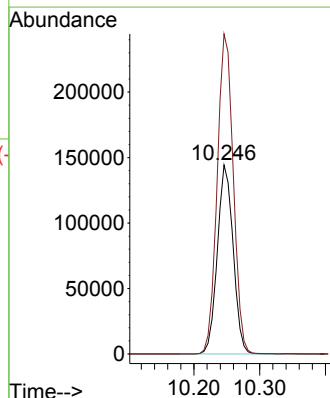
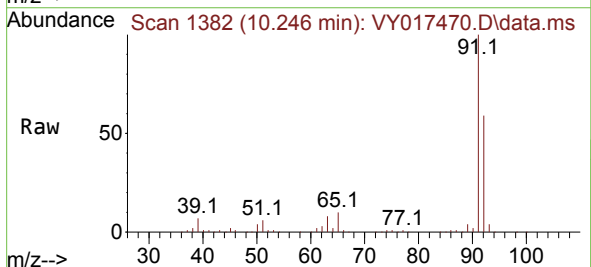
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

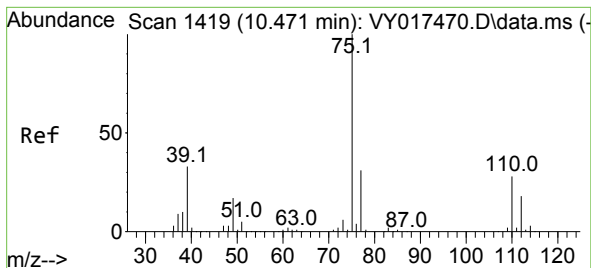
Tgt Ion: 43 Resp: 259932
Ion Ratio Lower Upper
43 100
58 45.9 35.7 53.5



#52
Toluene
Concen: 53.126 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 92 Resp: 241403
Ion Ratio Lower Upper
92 100
91 172.7 139.0 208.6

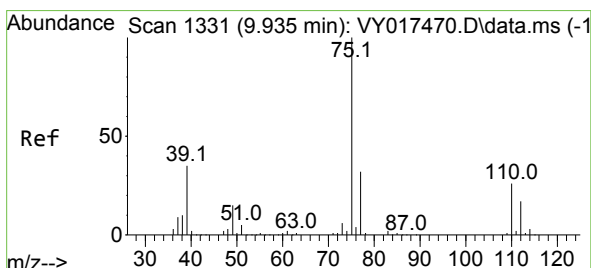
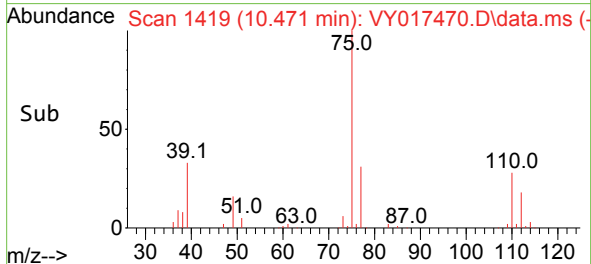
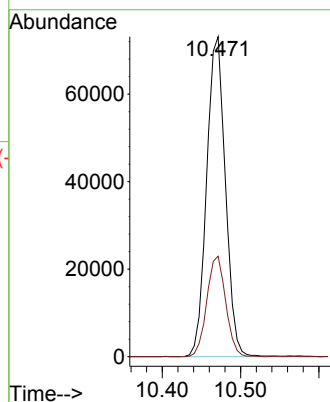
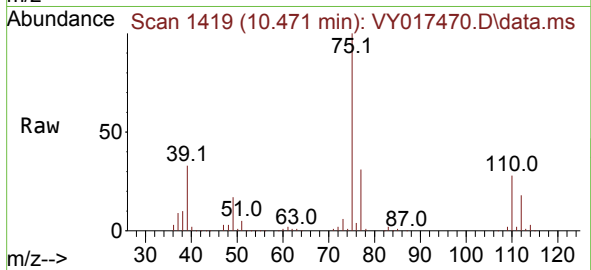




#53
 t-1,3-Dichloropropene
 Concen: 54.842 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017470.D
 Acq: 23 Feb 2024 17:33

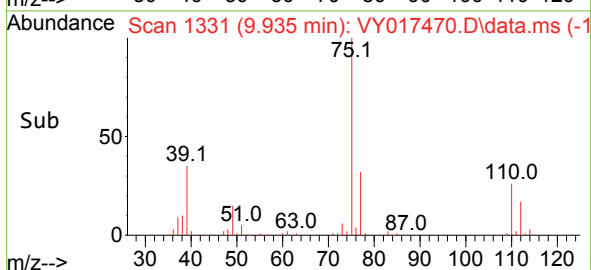
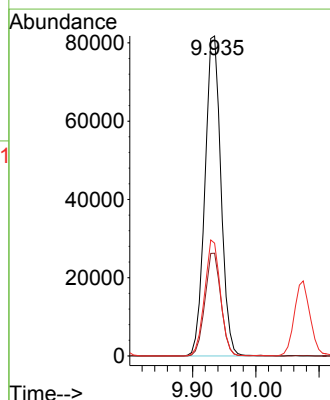
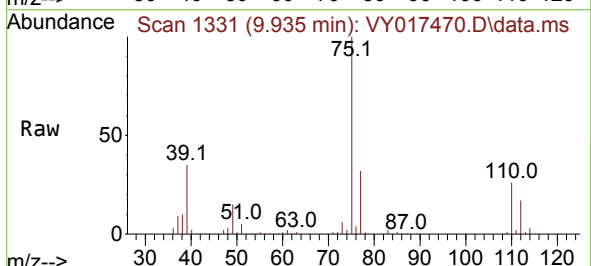
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

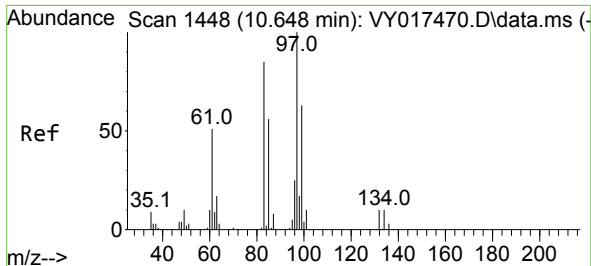
Tgt Ion: 75 Resp: 121301
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 53.574 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017470.D
 Acq: 23 Feb 2024 17:33

Tgt Ion: 75 Resp: 143985
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 35.3 29.8 44.6

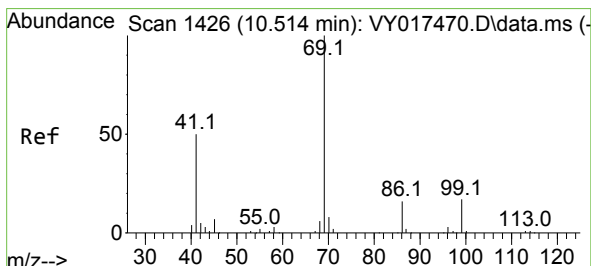
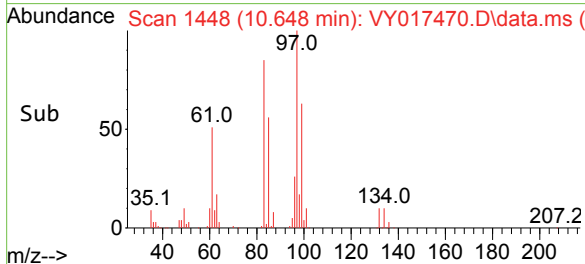
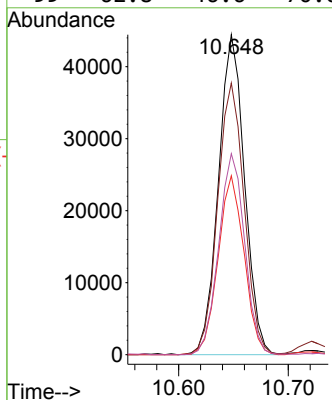
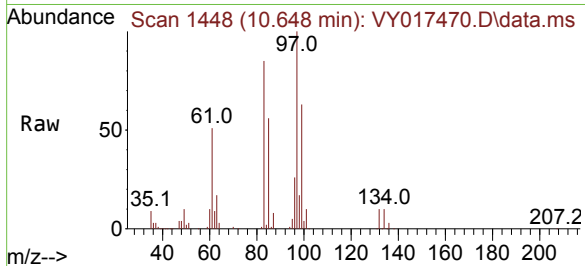




#55
1,1,2-Trichloroethane
Concen: 52.790 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

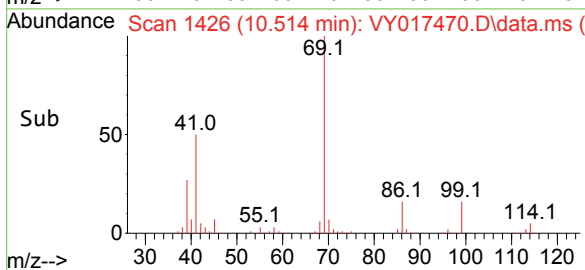
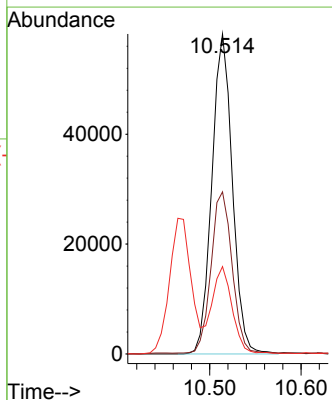
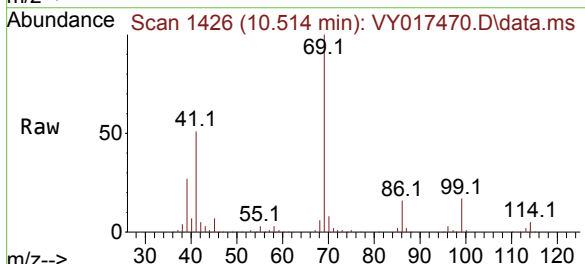
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

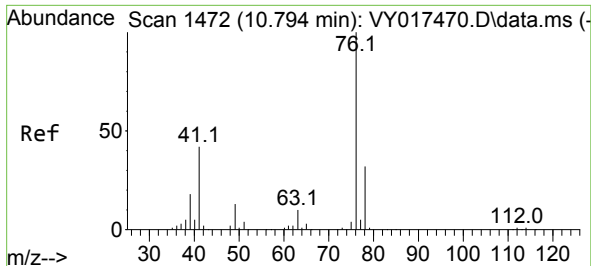
Tgt Ion: 97	Resp: 73560
Ion Ratio	Lower Upper
97 100	
83 84.9	67.5 101.3
85 55.9	42.9 64.3
99 62.8	46.6 70.0



#56
Ethyl methacrylate
Concen: 52.788 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 69	Resp: 90747
Ion Ratio	Lower Upper
69 100	
41 51.7	42.3 63.5
39 27.6	22.9 34.3





#57

1,3-Dichloropropane

Concen: 53.747 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

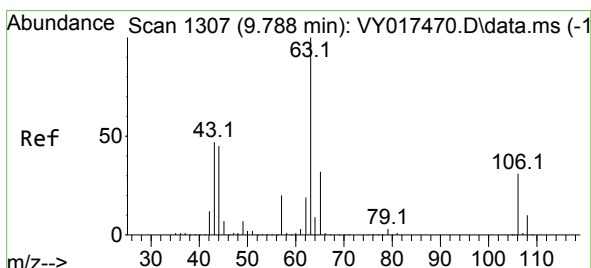
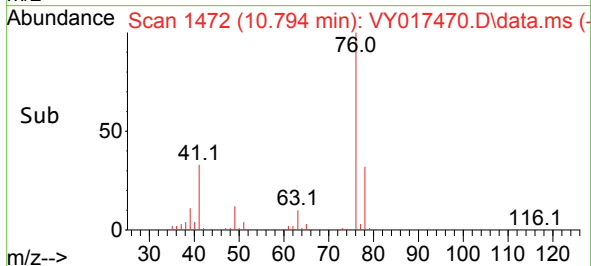
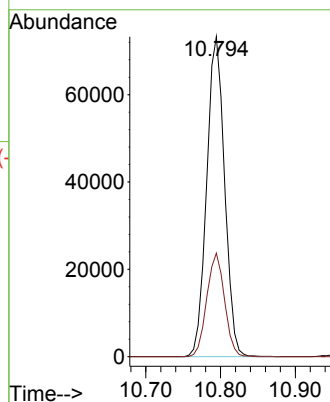
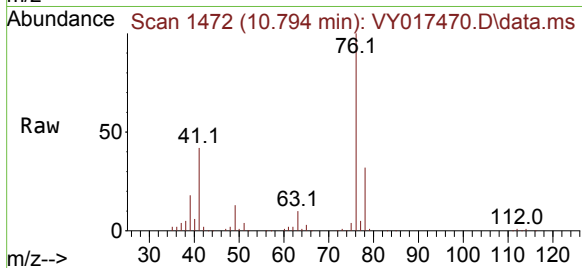
VSTDICCC050

Tgt Ion: 76 Resp: 121766

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 234.128 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017470.D

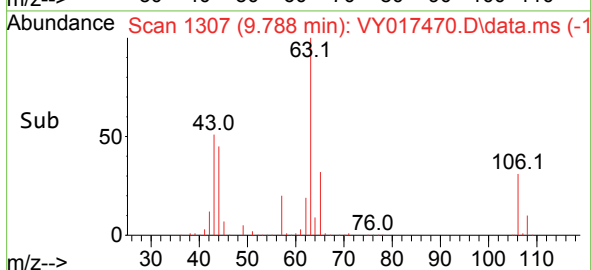
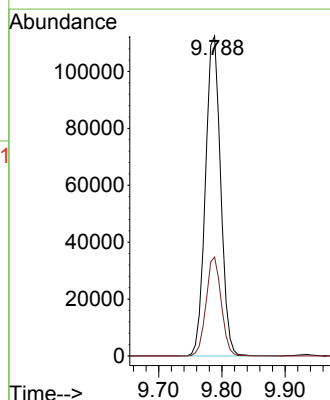
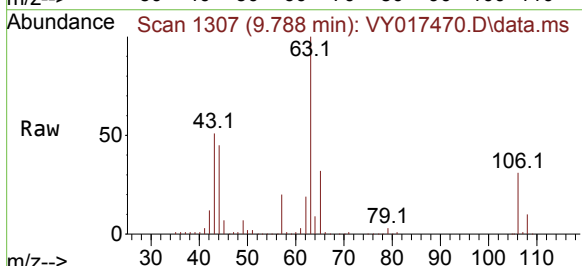
Acq: 23 Feb 2024 17:33

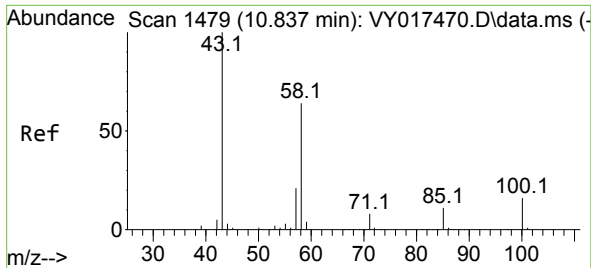
Tgt Ion: 63 Resp: 188260

Ion Ratio Lower Upper

63 100

106 30.8 23.7 35.5

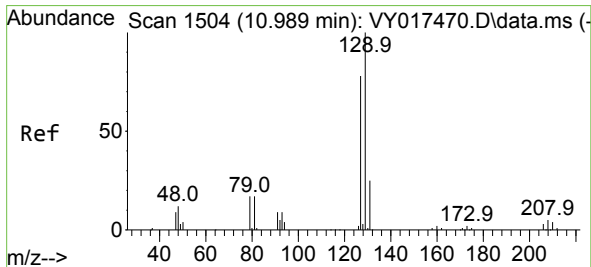
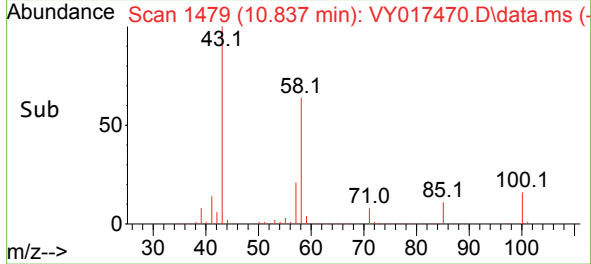
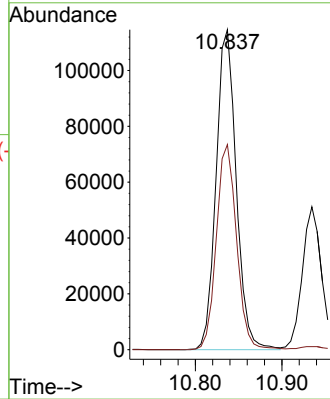
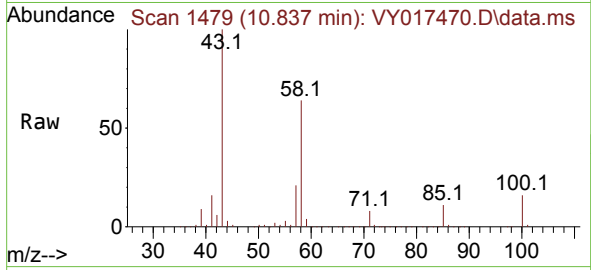




#59
2-Hexanone
Concen: 287.215 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

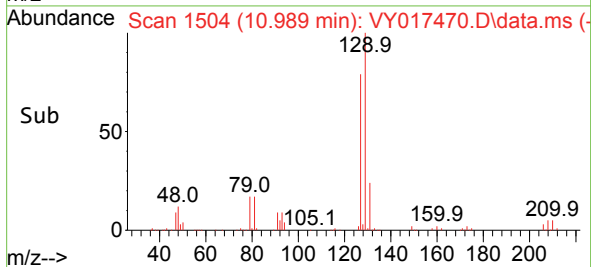
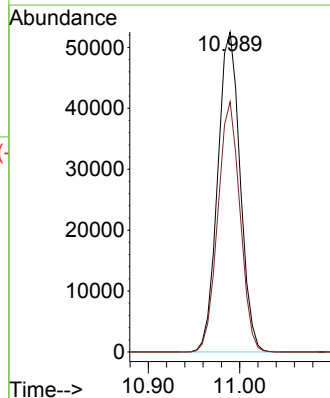
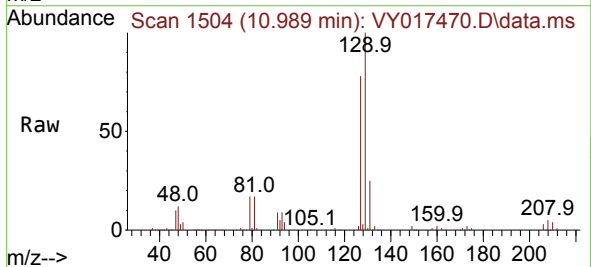
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

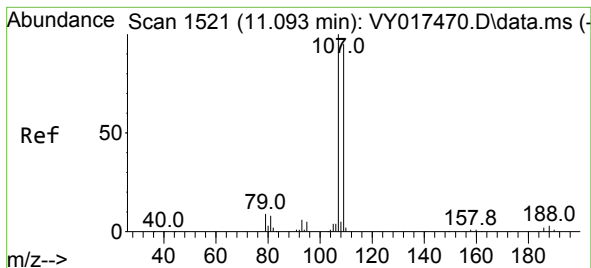
Tgt Ion: 43 Resp: 185220
Ion Ratio Lower Upper
43 100
58 64.4 31.4 94.0



#60
Dibromochloromethane
Concen: 54.311 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion:129 Resp: 89529
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.926 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

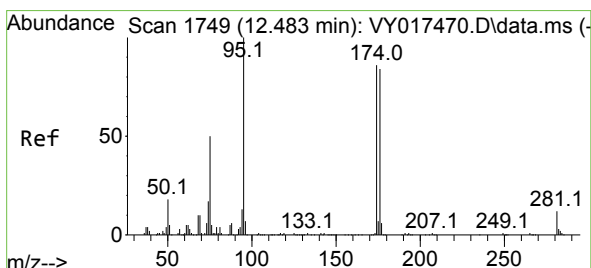
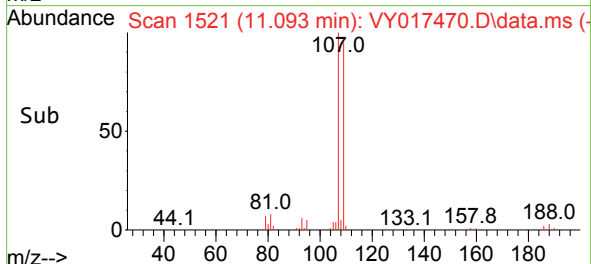
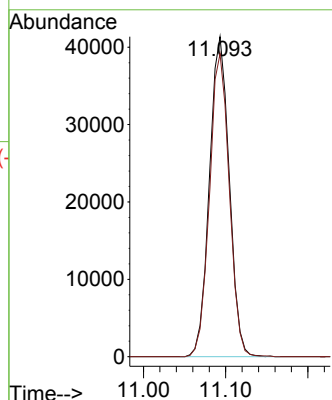
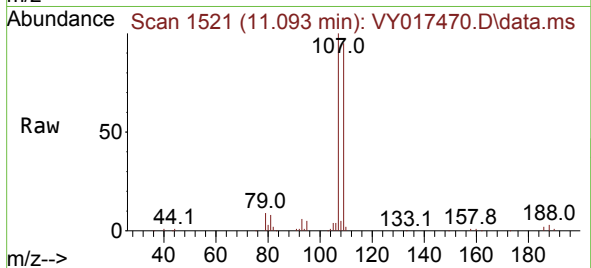
VSTDICCC050

Tgt Ion:107 Resp: 69247

Ion Ratio Lower Upper

107 100

109 94.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 53.368 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

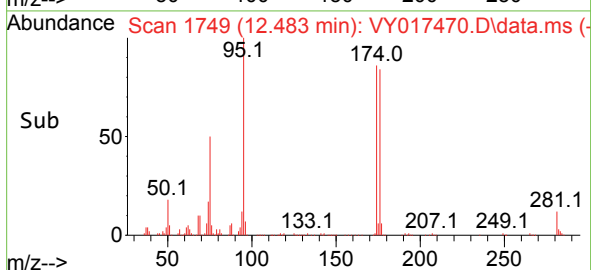
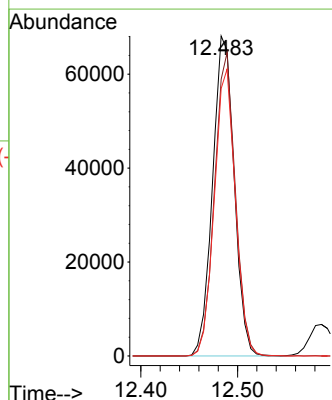
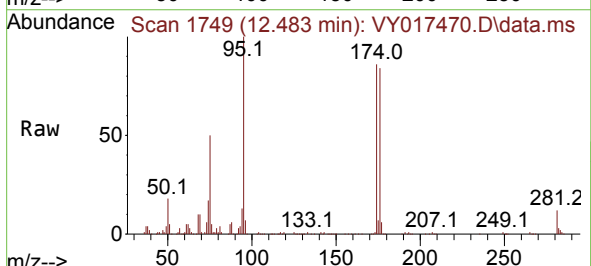
Tgt Ion: 95 Resp: 105493

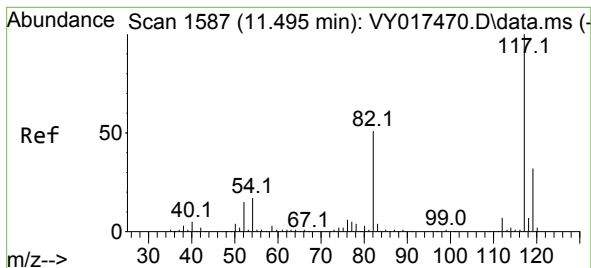
Ion Ratio Lower Upper

95 100

174 91.5 0.0 175.6

176 87.7 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: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

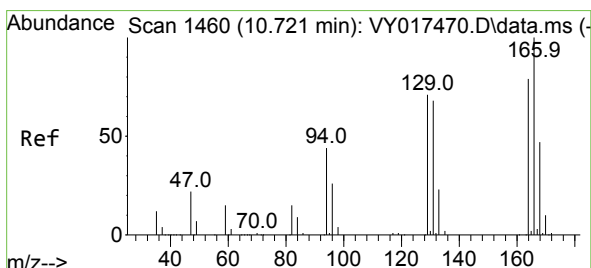
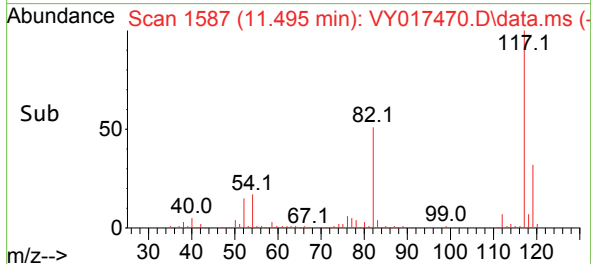
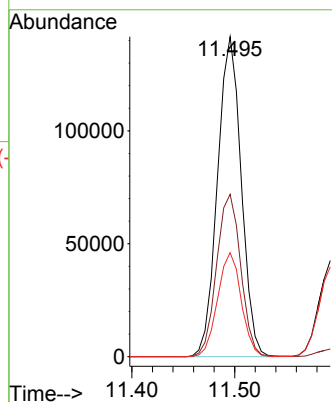
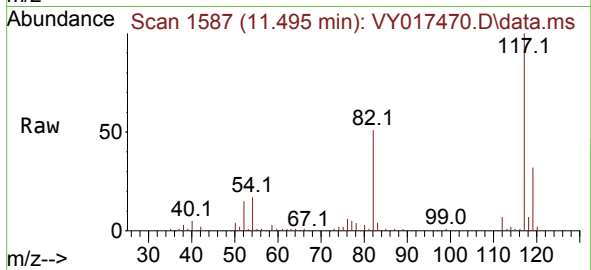
Tgt Ion:117 Resp: 227067

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 32.5 25.9 38.9



#64

Tetrachloroethene

Concen: 51.993 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion:164 Resp: 113316

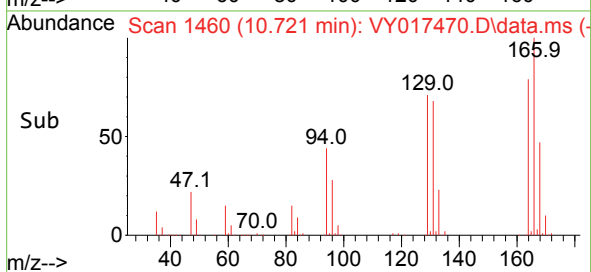
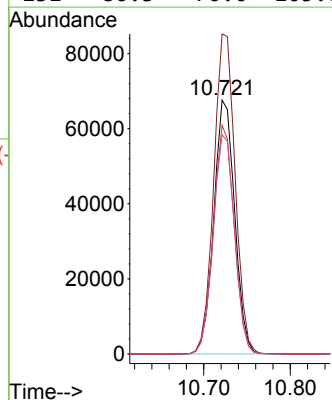
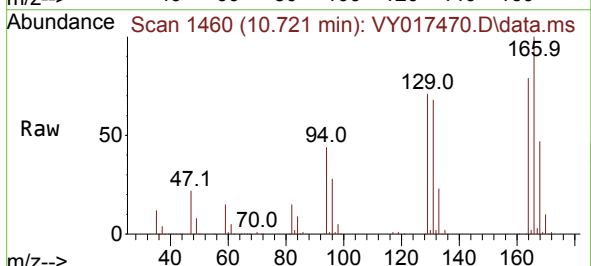
Ion Ratio Lower Upper

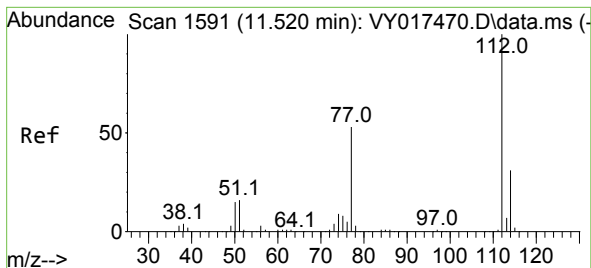
164 100

166 126.0 102.6 154.0

129 90.0 72.0 108.0

131 86.3 70.0 105.0

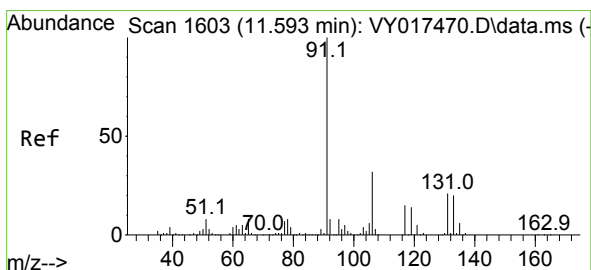
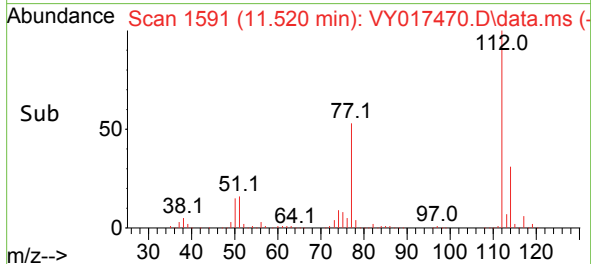
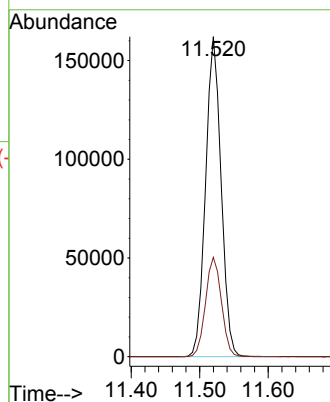
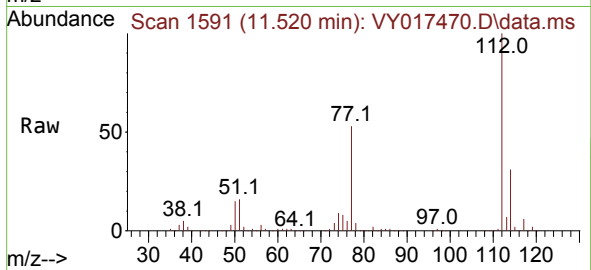




#65
Chlorobenzene
Concen: 52.992 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

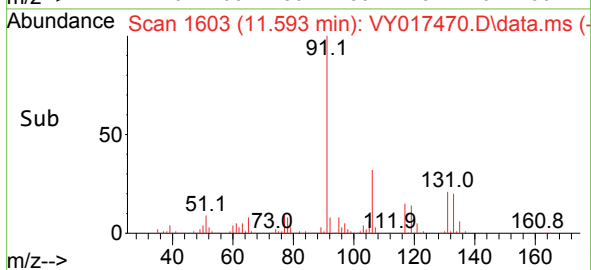
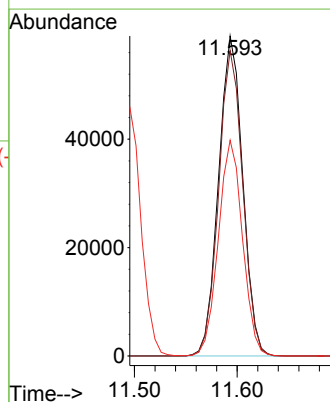
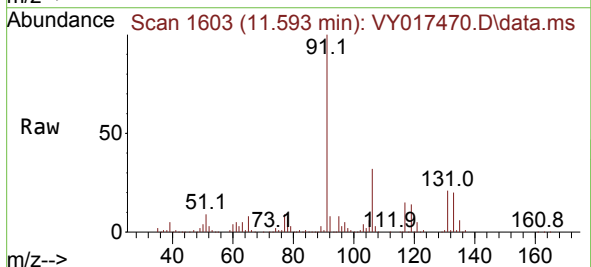
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

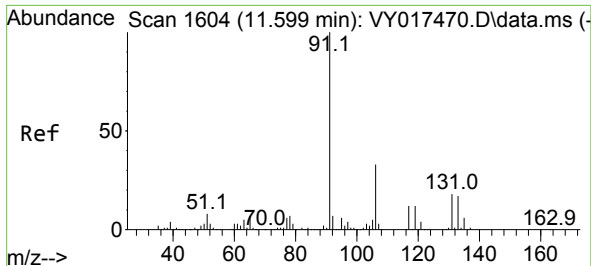
Tgt Ion:112 Resp: 255405
Ion Ratio Lower Upper
112 100
114 31.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.338 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion:131 Resp: 96307
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 67.4 34.1 102.2

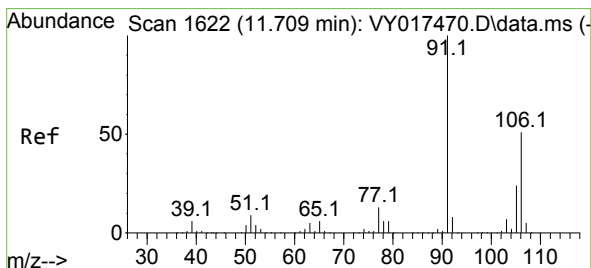
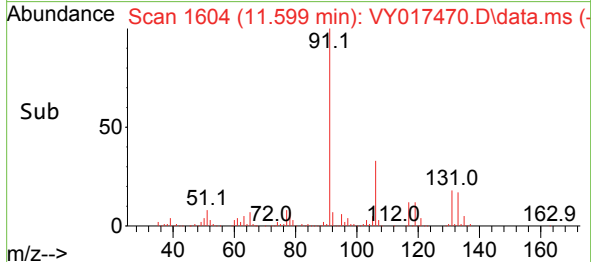
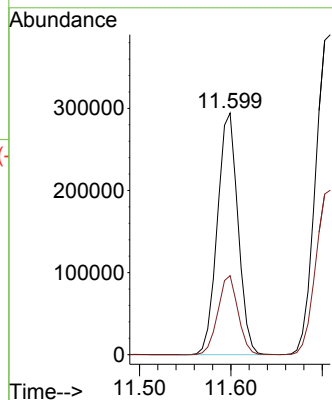
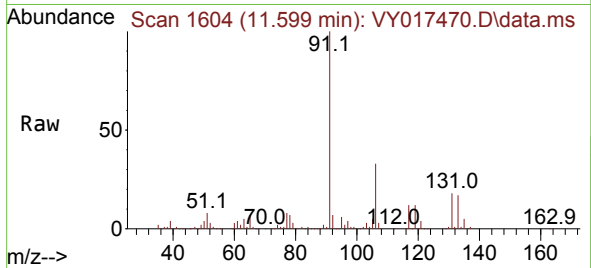




#67
Ethyl Benzene
Concen: 54.605 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

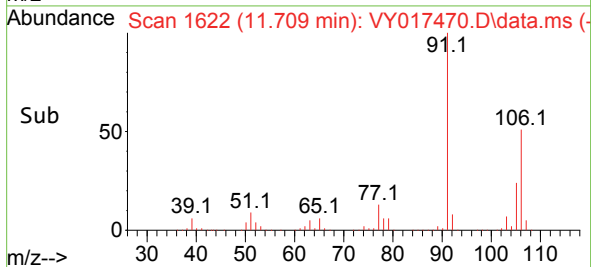
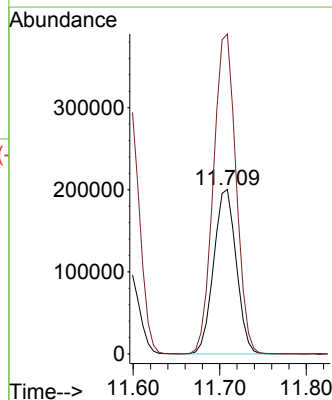
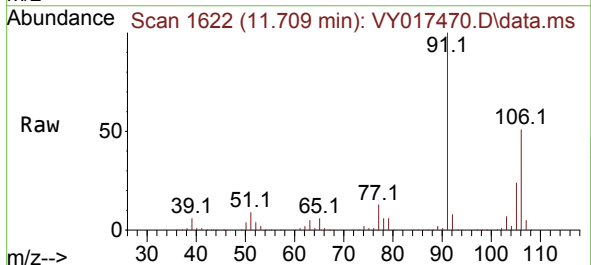
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

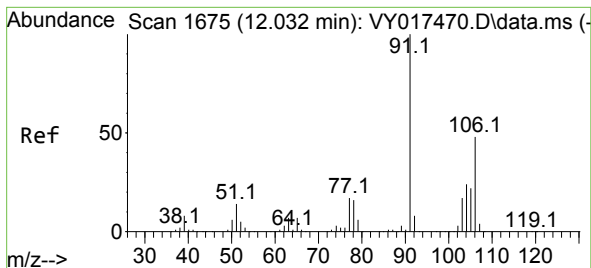
Tgt Ion: 91 Resp: 461548
Ion Ratio Lower Upper
91 100
106 32.7 24.5 36.7



#68
m/p-Xylenes
Concen: 109.475 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion:106 Resp: 363602
Ion Ratio Lower Upper
106 100
91 194.8 156.0 234.0





#69

o-Xylene

Concen: 55.749 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

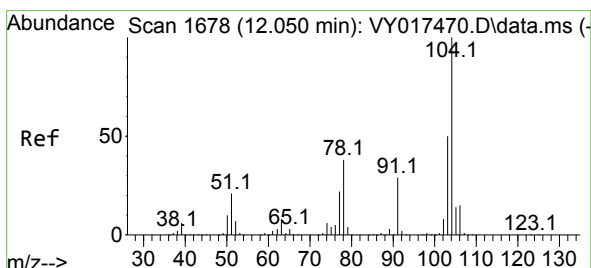
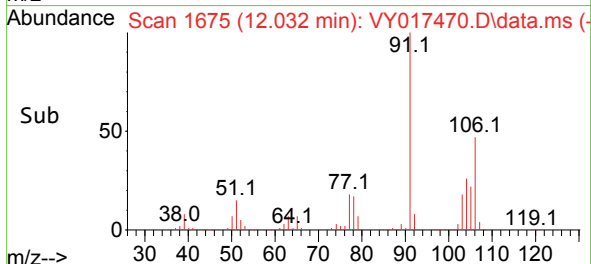
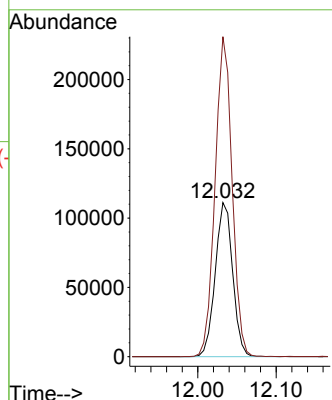
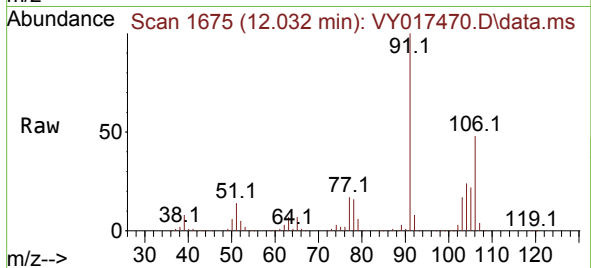
VSTDICCC050

Tgt Ion:106 Resp: 171780

Ion Ratio Lower Upper

106 100

91 203.4 103.6 310.8



#70

Styrene

Concen: 56.414 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

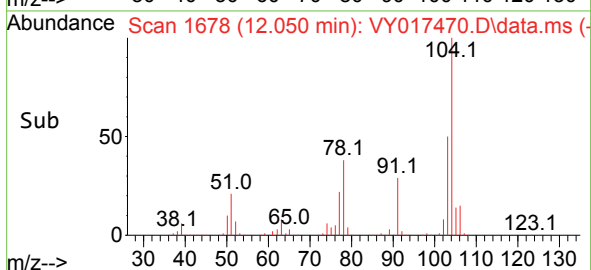
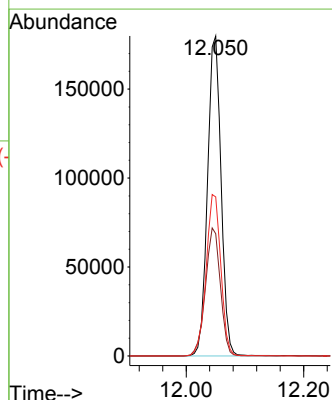
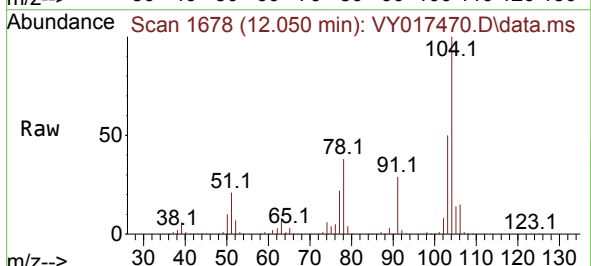
Tgt Ion:104 Resp: 288539

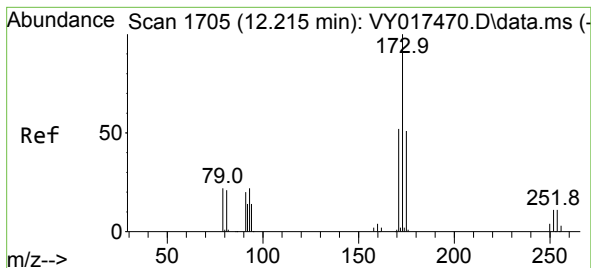
Ion Ratio Lower Upper

104 100

78 44.0 37.0 55.4

103 54.7 44.2 66.2





#71

Bromoform

Concen: 54.690 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

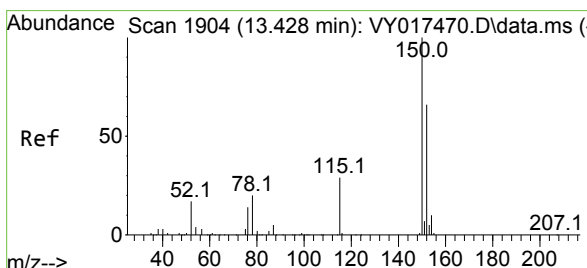
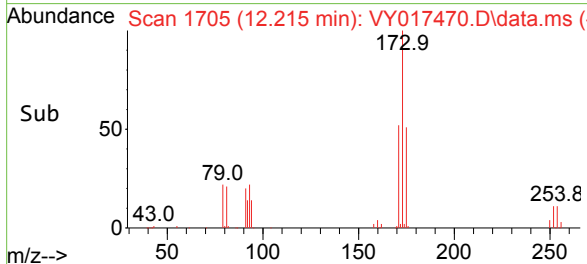
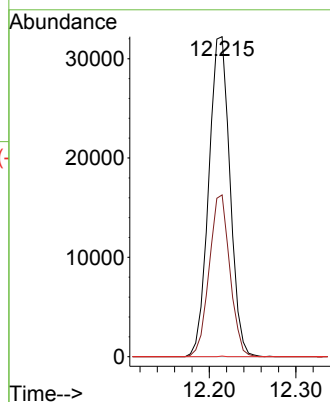
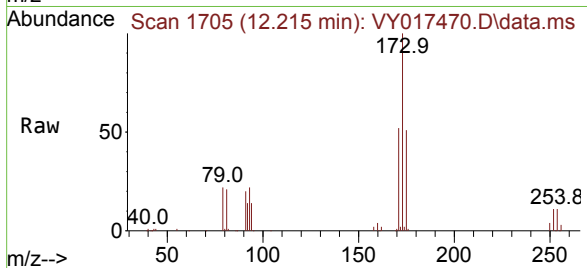
Tgt Ion:173 Resp: 54721

Ion Ratio Lower Upper

173 100

175 49.3 25.1 75.3

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

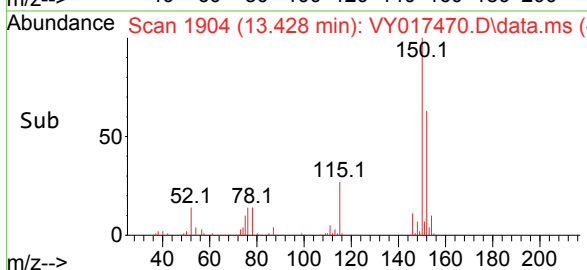
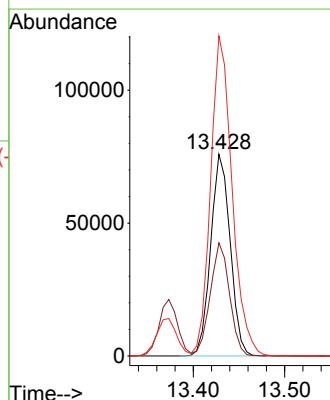
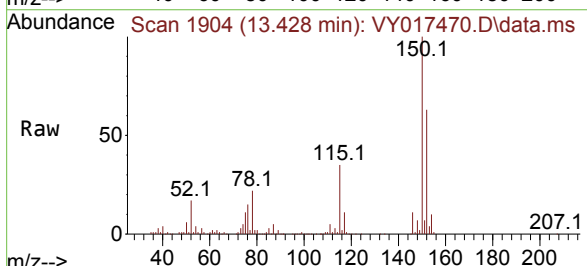
Tgt Ion:152 Resp: 112789

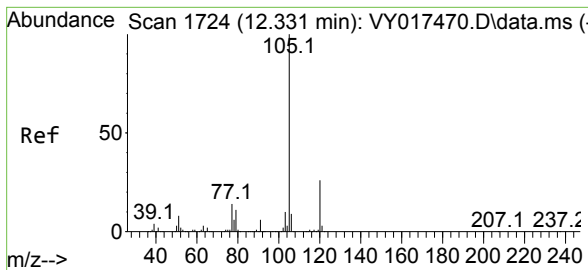
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 174.7 0.0 345.6

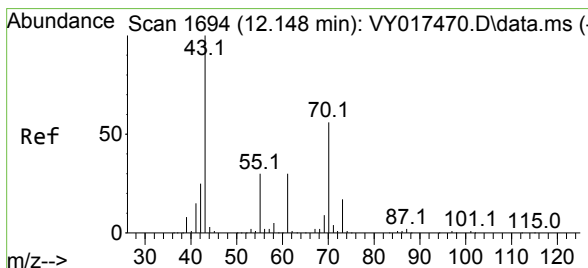
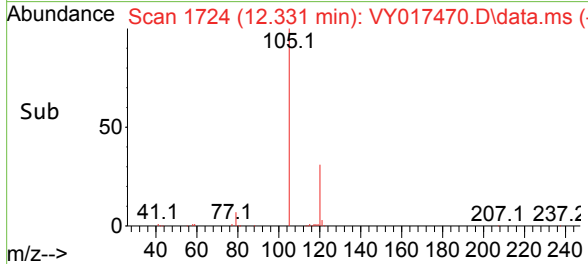
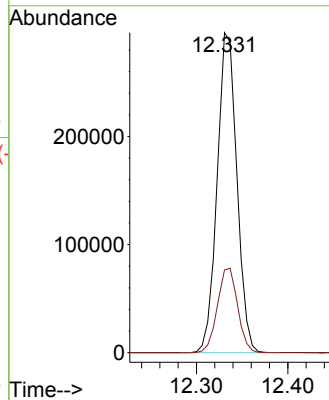
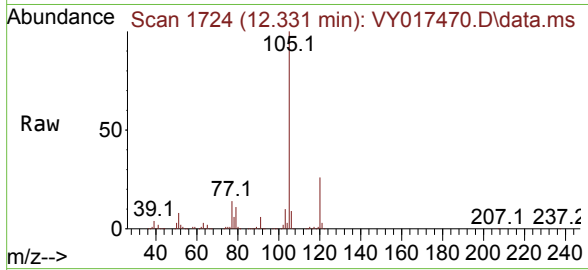




#73
Isopropylbenzene
Concen: 53.118 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

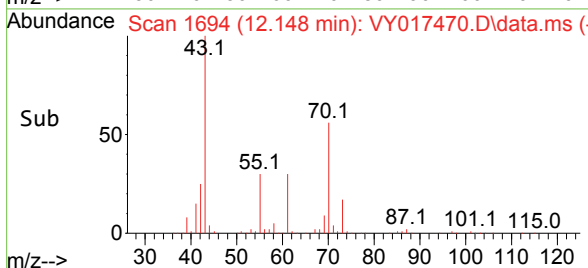
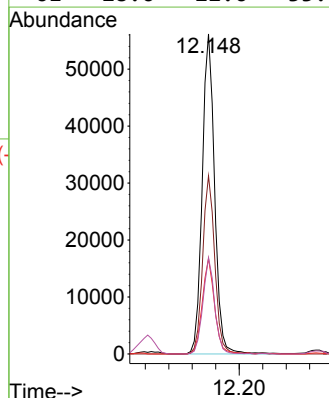
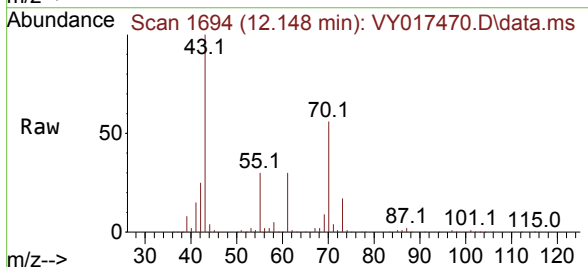
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

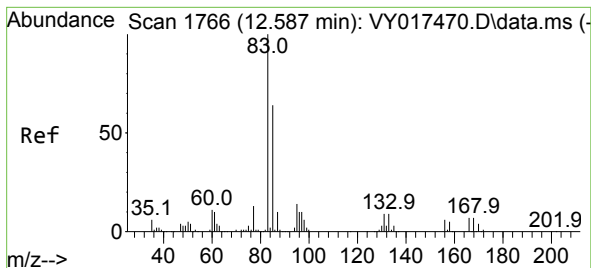
Tgt Ion:105 Resp: 445103
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 55.741 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 43 Resp: 82380
Ion Ratio Lower Upper
43 100
70 54.5 41.4 62.2
55 29.7 23.3 34.9
61 28.6 22.6 33.8

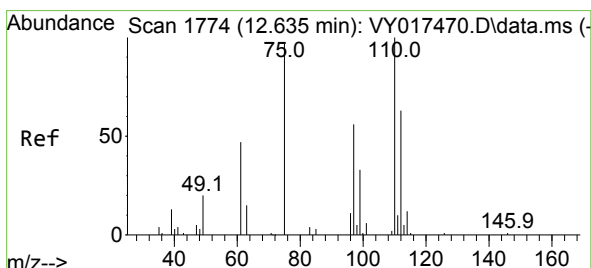
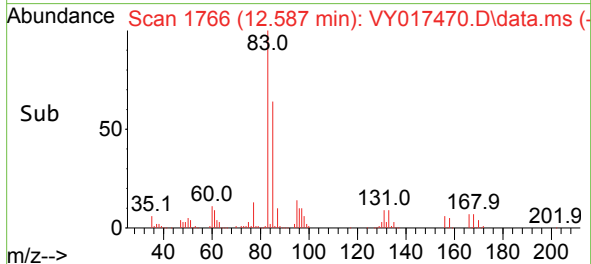
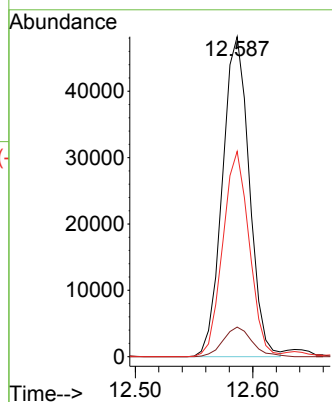
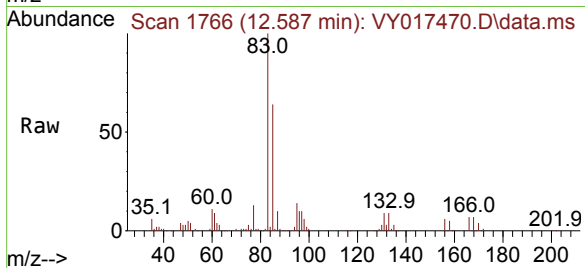




#75
1,1,2,2-Tetrachloroethane
Concen: 53.265 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

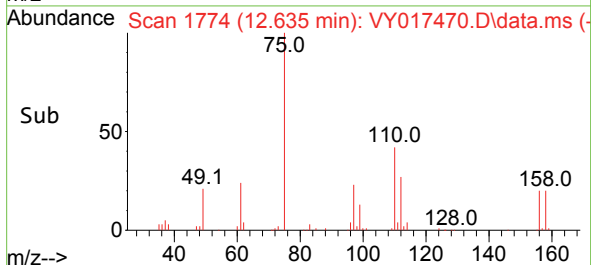
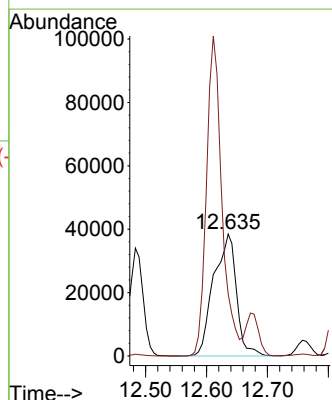
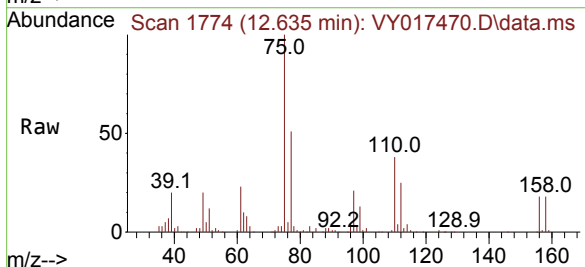
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

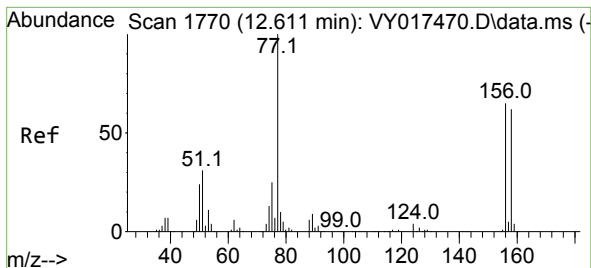
Tgt Ion: 83 Resp: 76645
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 93.356 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 75 Resp: 100046
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.864 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

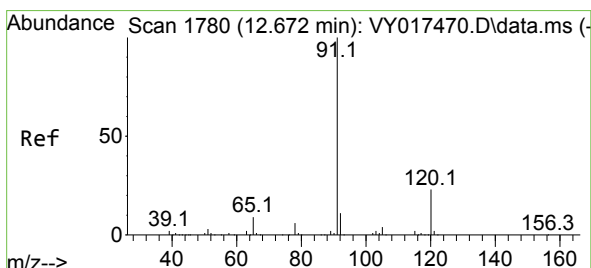
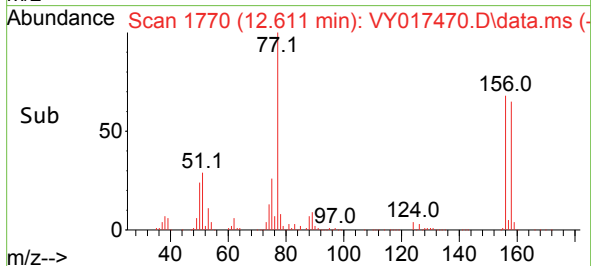
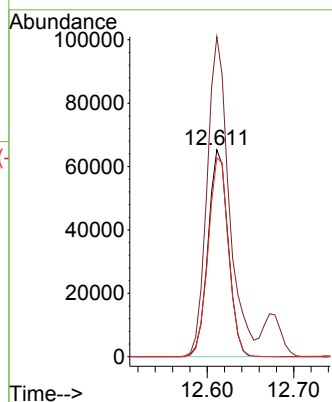
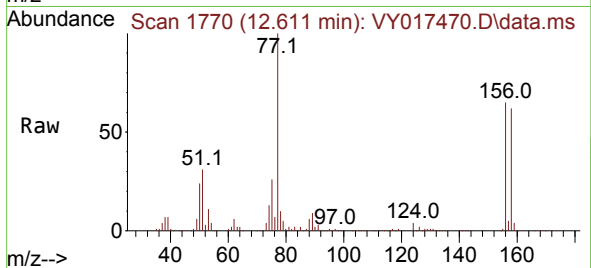
Tgt Ion:156 Resp: 105245

Ion Ratio Lower Upper

156 100

77 169.2 87.1 261.3

158 97.2 48.6 145.9



#78

n-propylbenzene

Concen: 53.421 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017470.D

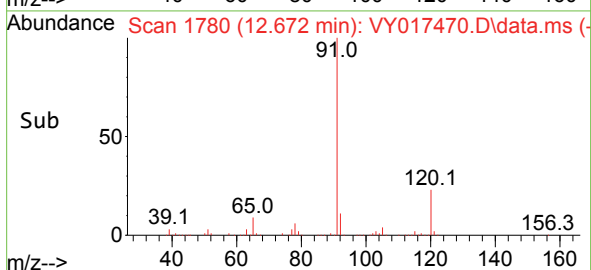
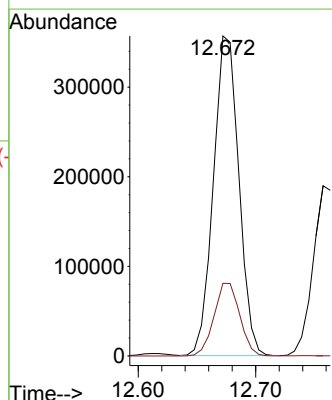
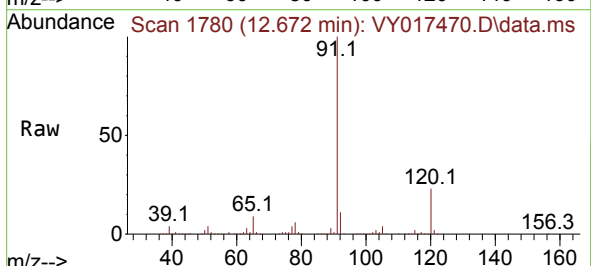
Acq: 23 Feb 2024 17:33

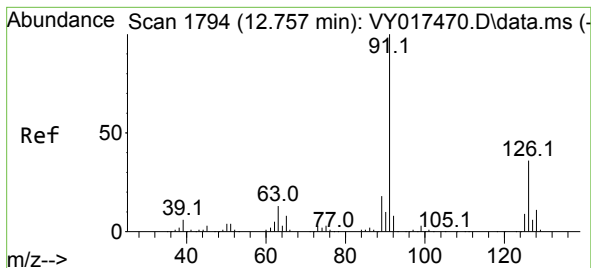
Tgt Ion: 91 Resp: 537122

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

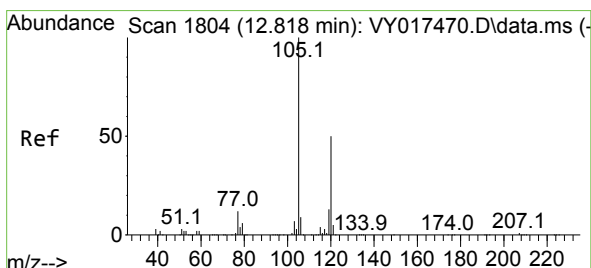
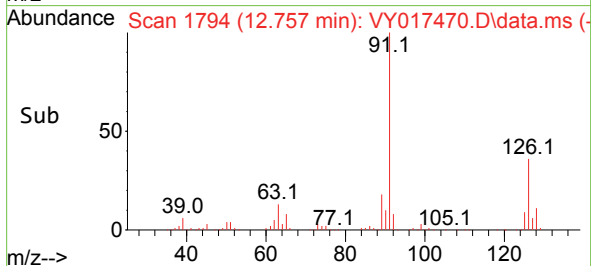
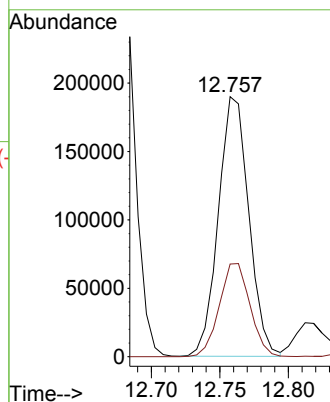
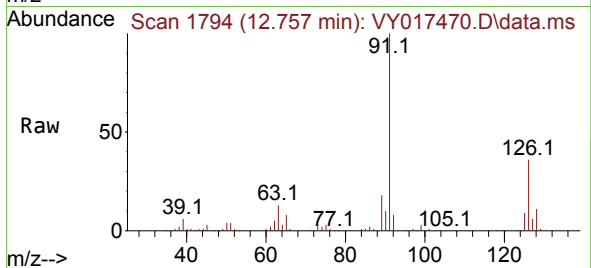




#79
2-Chlorotoluene
Concen: 52.212 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

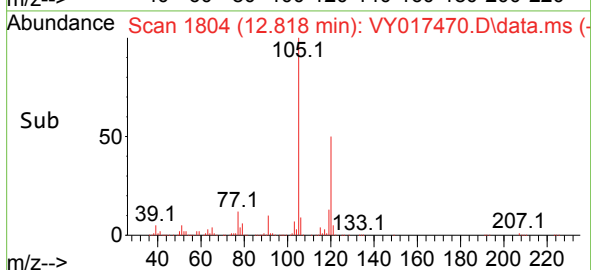
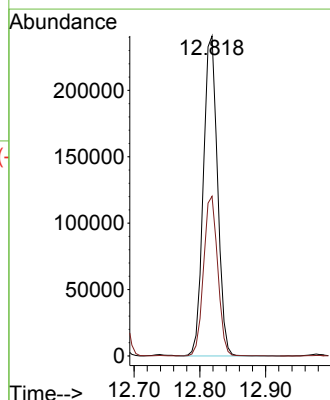
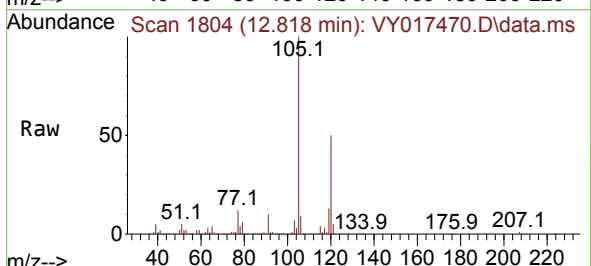
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

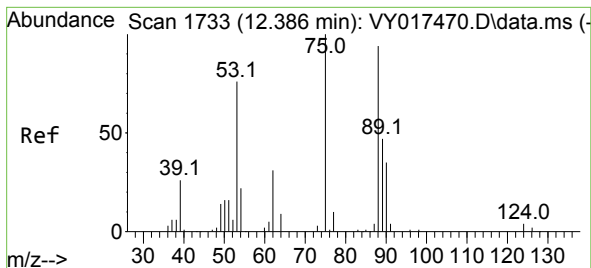
Tgt Ion: 91 Resp: 293915
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 53.809 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 105 Resp: 361237
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.2

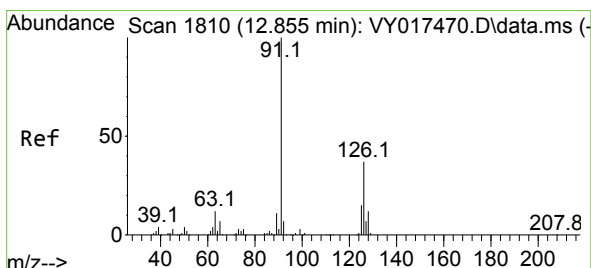
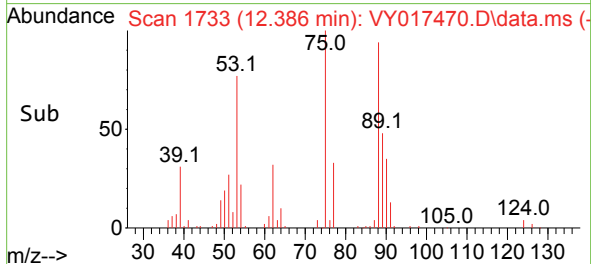
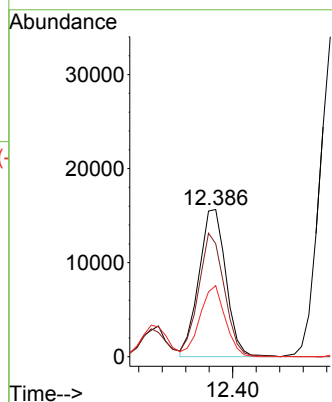
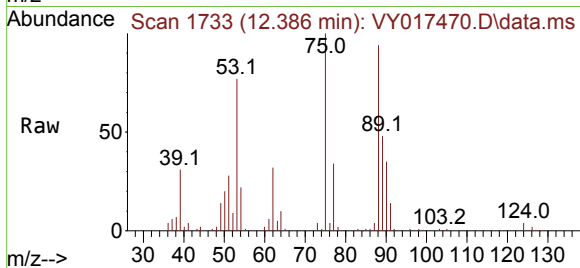




#81
trans-1,4-Dichloro-2-butene
Concen: 53.596 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

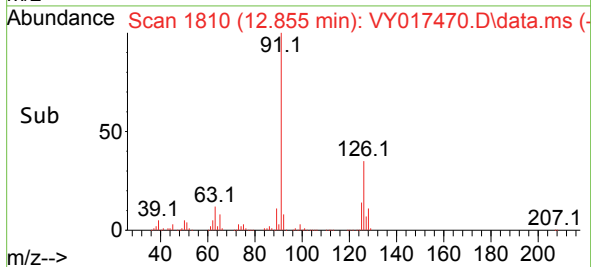
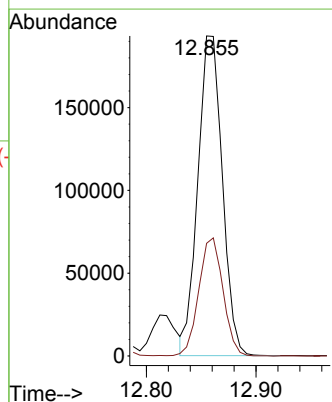
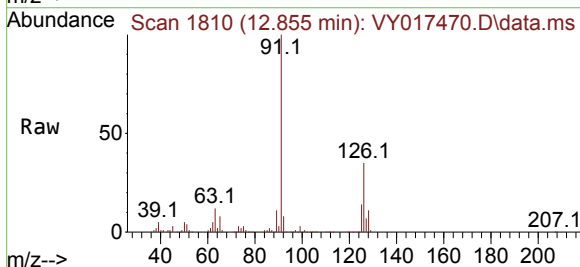
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

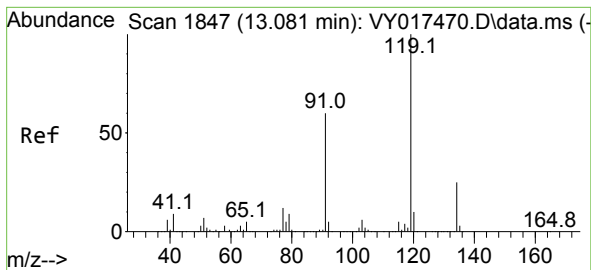
Tgt Ion: 75 Resp: 24997
Ion Ratio Lower Upper
75 100
53 80.3 66.8 100.2
89 45.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 52.049 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 91 Resp: 299686
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 53.719 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

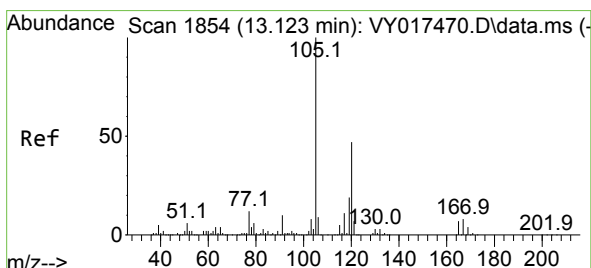
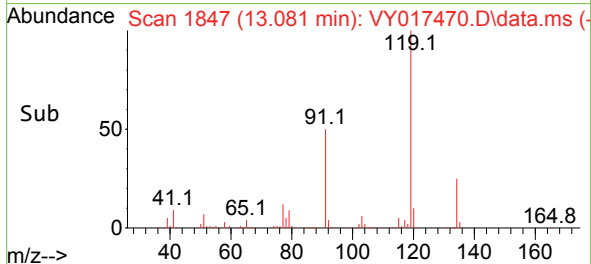
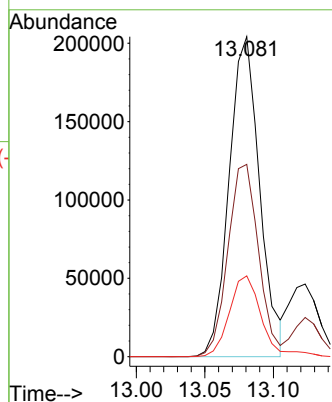
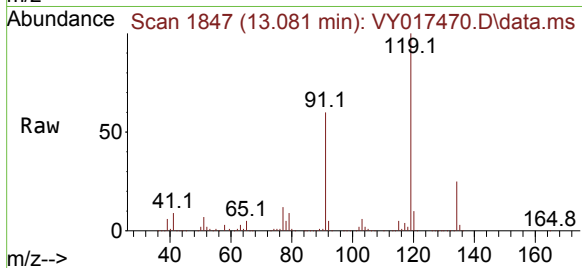
Tgt Ion:119 Resp: 316677

Ion Ratio Lower Upper

119 100

91 60.2 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.572 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017470.D

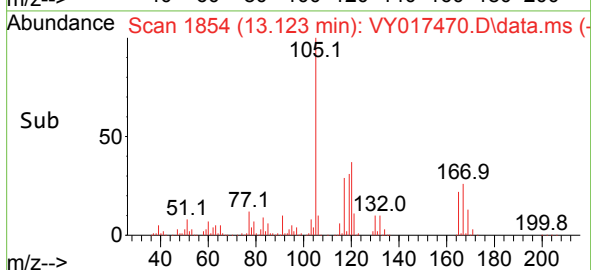
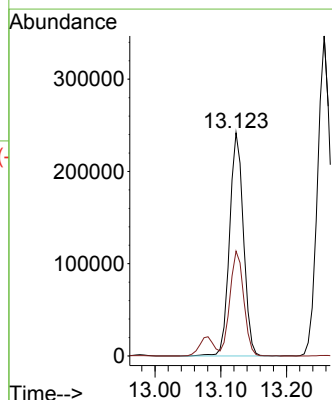
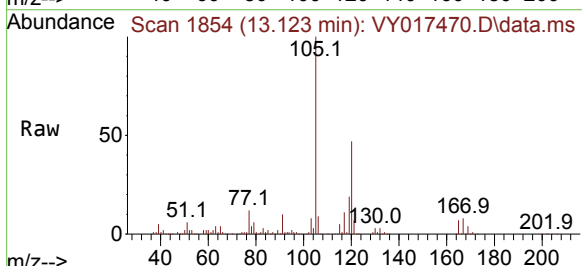
Acq: 23 Feb 2024 17:33

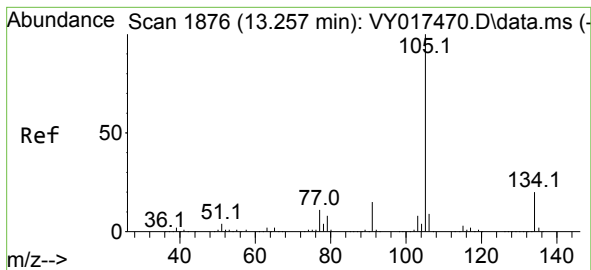
Tgt Ion:105 Resp: 355062

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.797 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

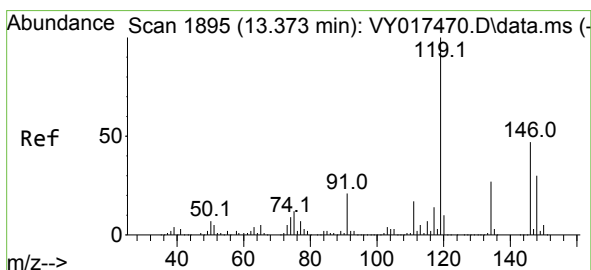
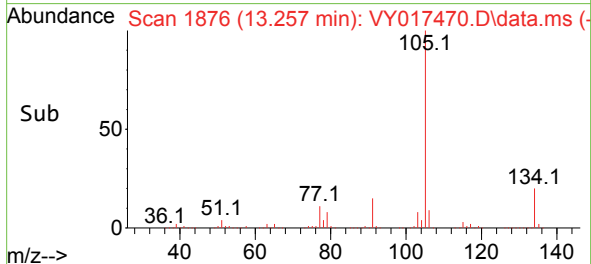
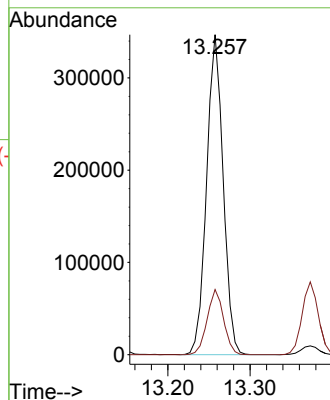
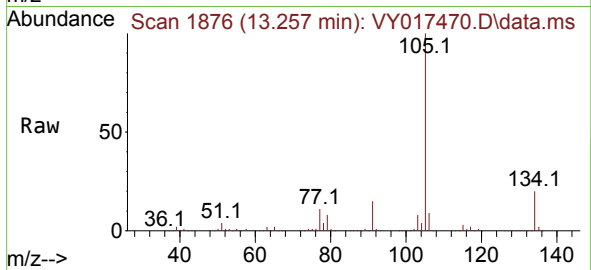
VSTDICCC050

Tgt Ion:105 Resp: 484870

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.338 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

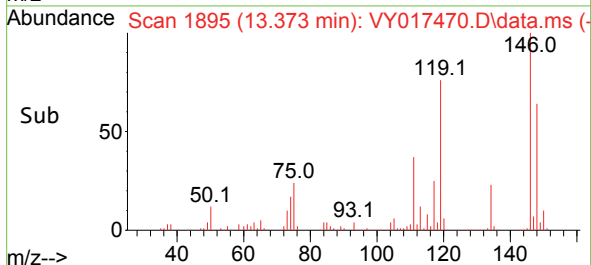
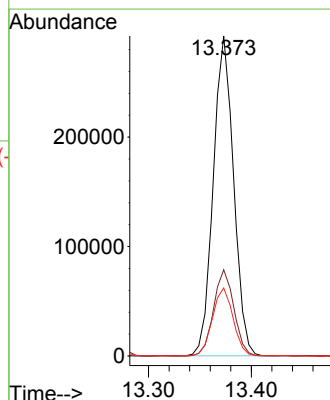
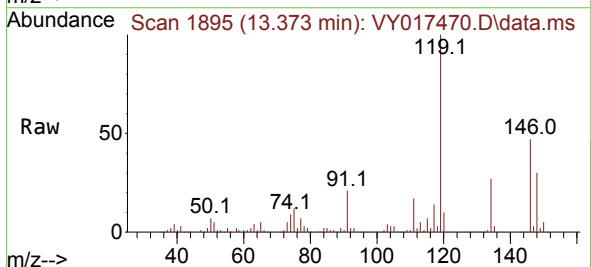
Tgt Ion:119 Resp: 400910

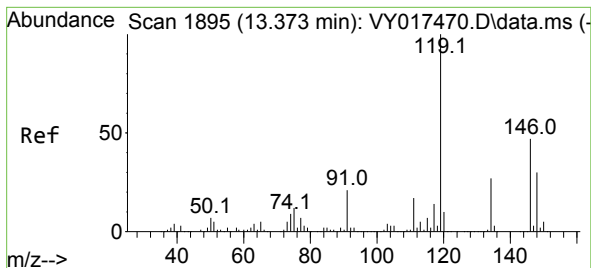
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 21.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.171 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

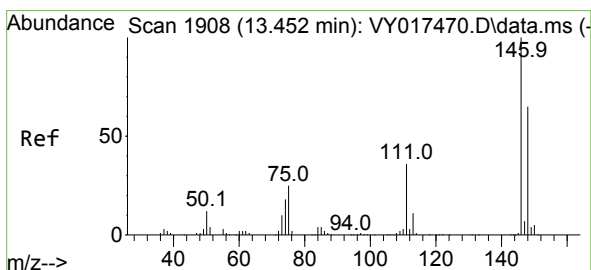
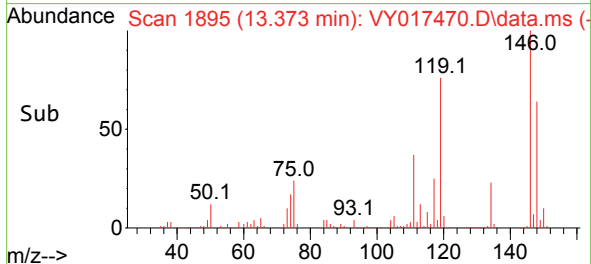
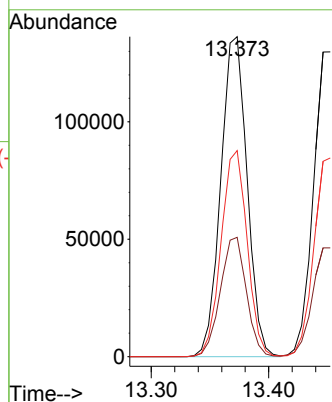
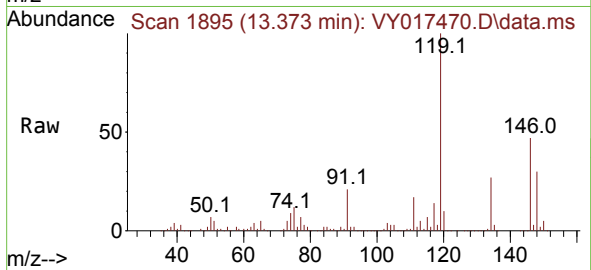
Tgt Ion:146 Resp: 212500

Ion Ratio Lower Upper

146 100

111 36.9 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.421 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

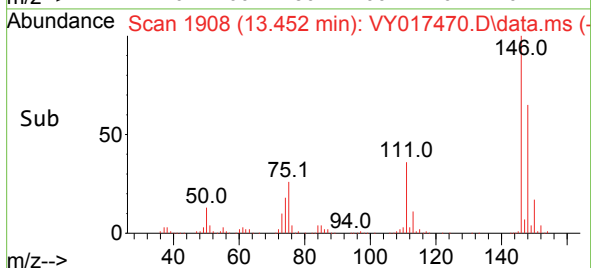
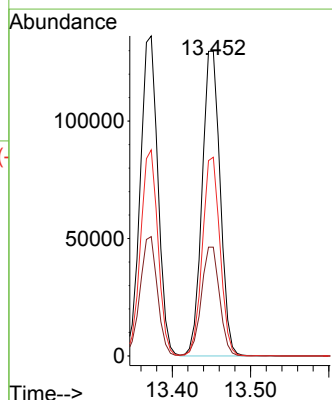
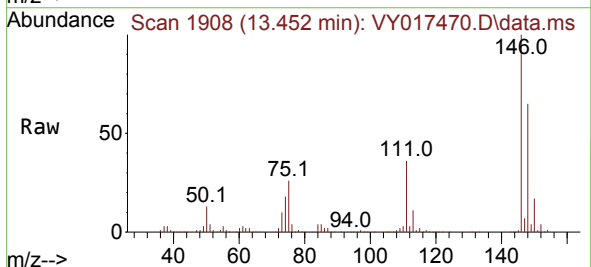
Tgt Ion:146 Resp: 207582

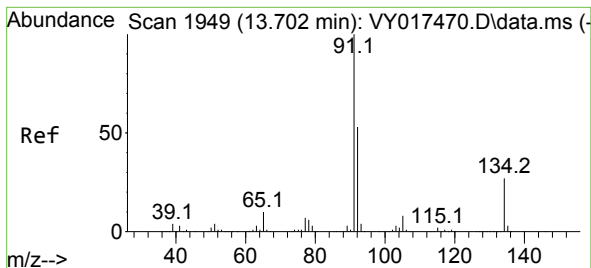
Ion Ratio Lower Upper

146 100

111 36.0 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 54.933 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

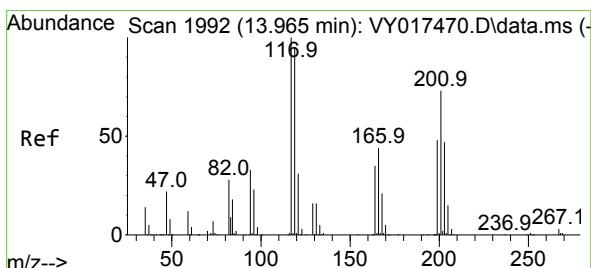
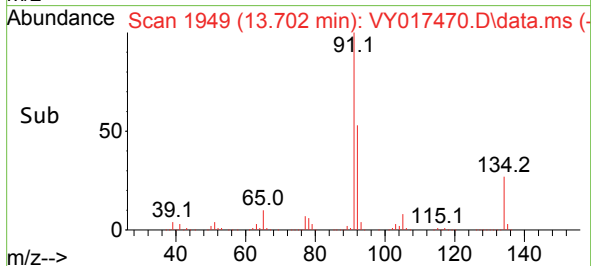
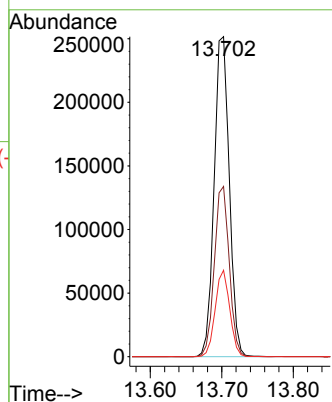
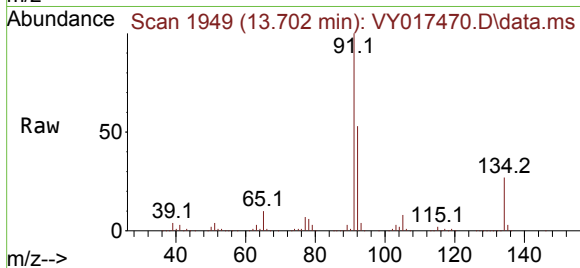
Tgt Ion: 91 Resp: 369780

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

134 26.0 12.9 38.7



#90

Hexachloroethane

Concen: 51.843 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017470.D

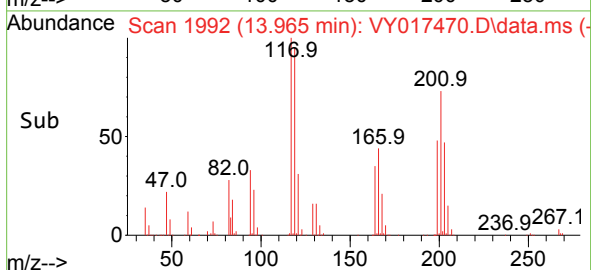
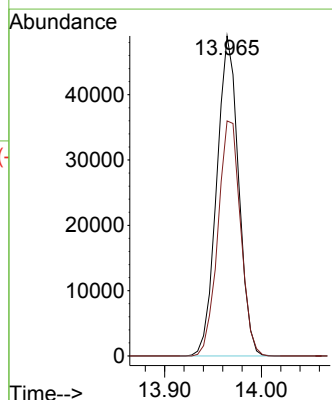
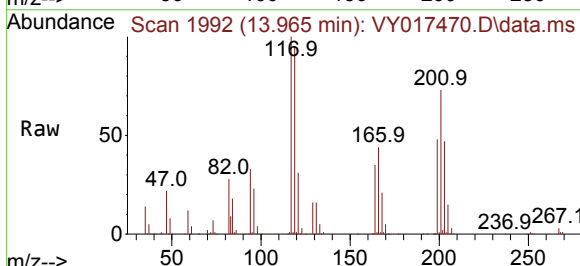
Acq: 23 Feb 2024 17:33

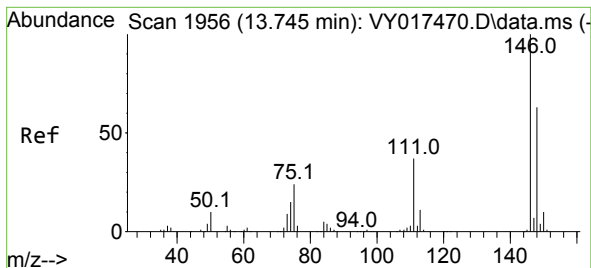
Tgt Ion: 117 Resp: 76684

Ion Ratio Lower Upper

117 100

201 76.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 53.306 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

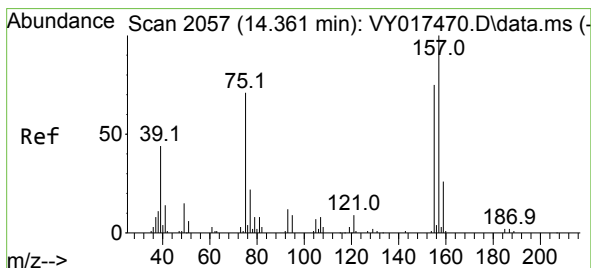
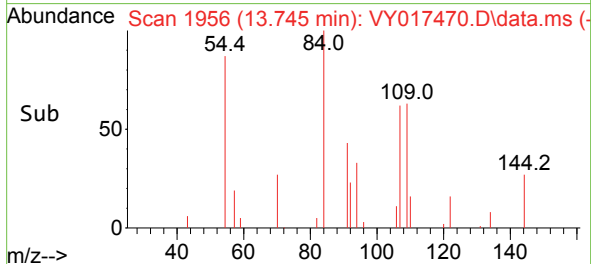
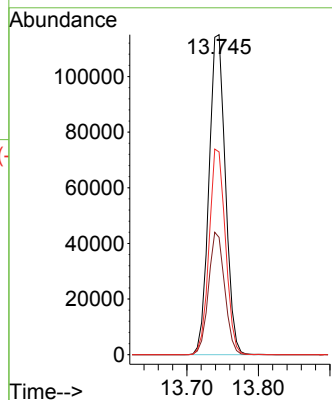
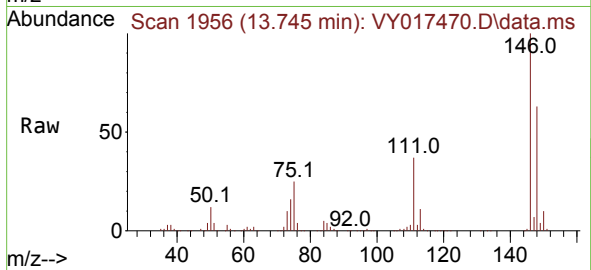
Tgt Ion:146 Resp: 183655

Ion Ratio Lower Upper

146 100

111 37.6 19.9 59.7

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.841 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

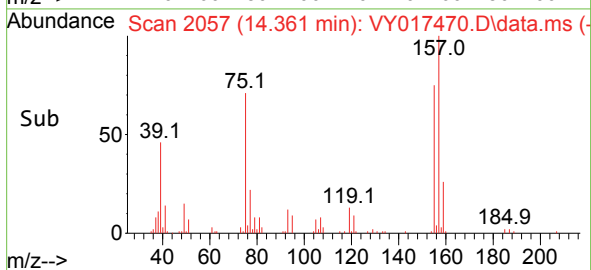
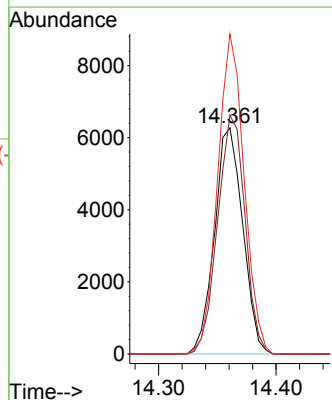
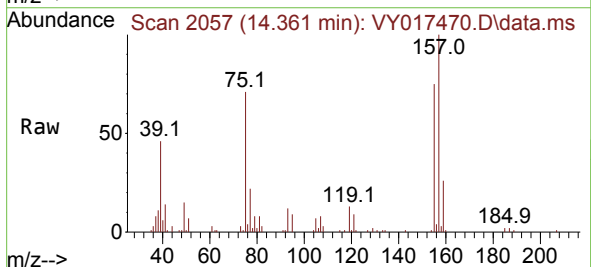
Tgt Ion: 75 Resp: 10487

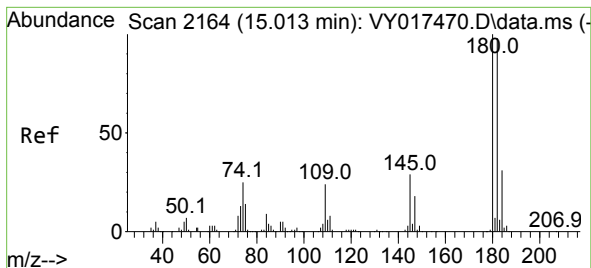
Ion Ratio Lower Upper

75 100

155 102.1 48.6 145.8

157 132.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 55.229 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

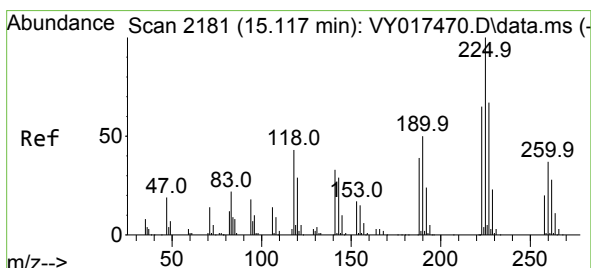
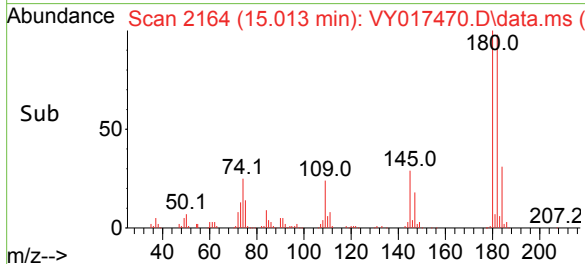
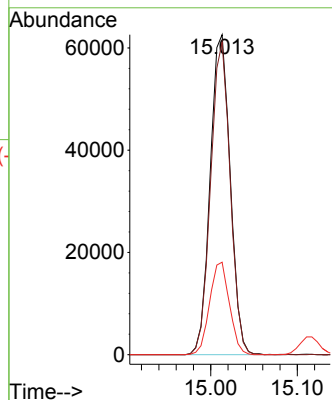
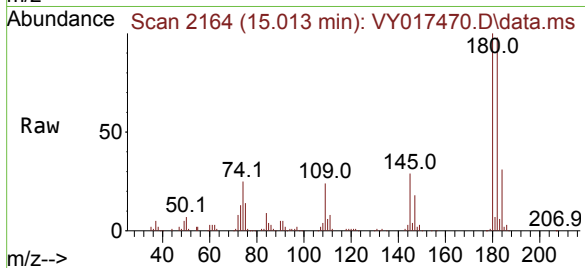
Tgt Ion:180 Resp: 100507

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 28.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.590 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

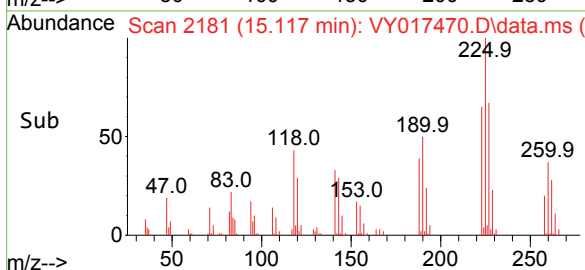
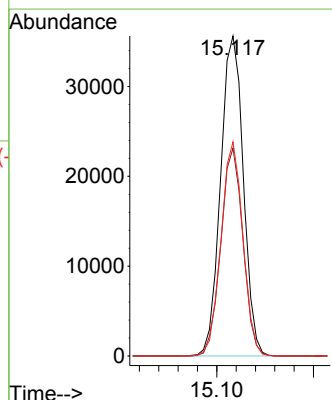
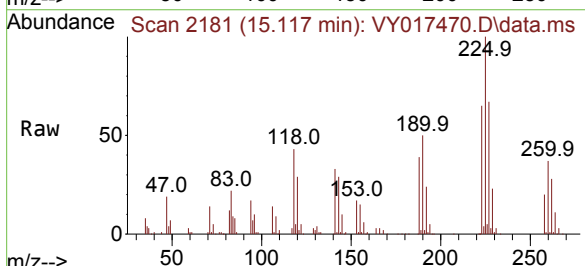
Tgt Ion:225 Resp: 57965

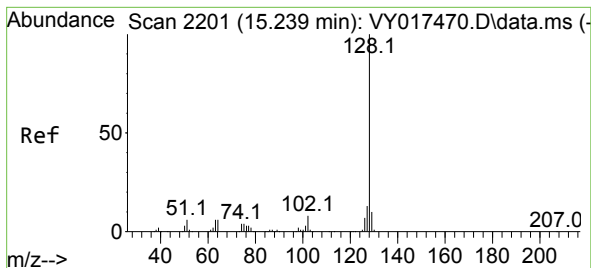
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 64.5 31.9 95.9





#95

Naphthalene

Concen: 50.960 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

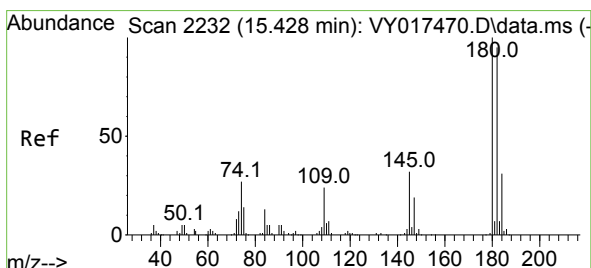
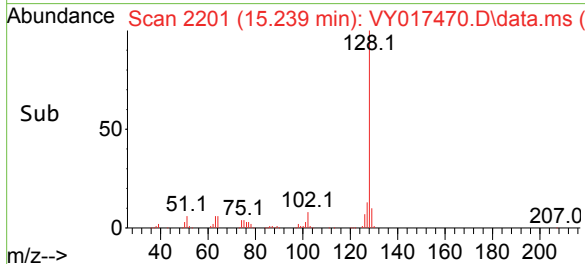
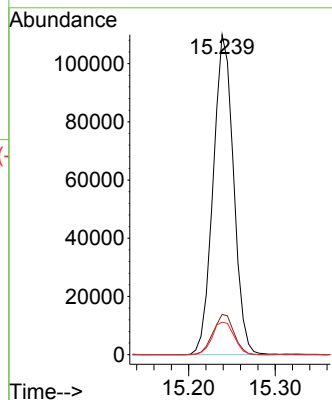
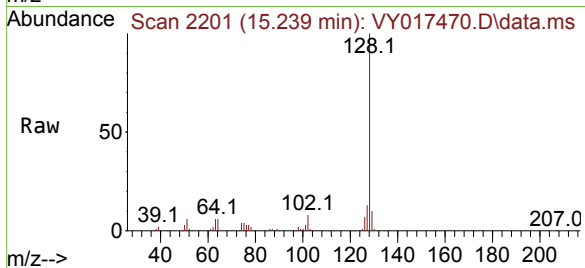
Tgt Ion:128 Resp: 179982

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.303 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion:180 Resp: 86338

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 29.9 15.4 46.1

